

STAMP:



CONSULTANT:

REVISIONS

No.	Description	Date
1	PLAN CHECK RESPONSE	01/24/24

11. FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

Table 601 - Type III-B Construction Building Element Fire Rating	
1. Structural Frame 0 hr	
2. Exterior Bearing Walls 2 hr	
3. Interior Bearing Walls 0 hr	
4. Exterior Non bearing Walls See table 602	
5. Interior Non bearing Walls 0 hr	
6. Floor Construction 0 hr	
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12. REQUIRED FIRE RESISTANCE OF EXTERIOR WALLS DUE TO FIRE SEPARATION DISTANCE

Table 602 - Fire resistance requirements for Exterior Walls Based on Fire Separation Distance, Type III-B Construction, Occupancy Group R-1	
Fire Separation Distance	X < 5'-0" 1 Hour 5'-0" ≤ X < 10'-0" 1 Hour 10'-0" ≤ X < 30'-0" 1 Hour X ≥ 30'-0" 0 Hours

13. PROTECTION OF OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION

Table 705.6	
3 to less than 5 feet	unprotected, sprinklered 15% protected 15%
5 to less than 10 feet	unprotected, sprinklered 25% protected 25%
10 to less than 15 feet	unprotected, sprinklered 45% protected 45%

14. SPACES REQUIRING FIRE RESISTANT - RATED SEPARATION

a. Section 1023 - Interior exit stairway Stair D, where connecting less than four stories, to have fire-resistance rating of not less than 1 hour

15. INTERIOR WALL AND CEILING FINISH REQUIREMENTS

a. Table 803.13 R-1 Occupancy, Sprinklered	
Interior exit stairways and ramps and exit passageways	Class B
Corridors and enclosure for exit access stairways and ramps	Class C
Rooms and enclosed spaces	Class C

16. NON SEPARATED OCCUPANCIES

a. Section 508.3 - Nonseparated occupancies.	
Group Occupancy - A / R-1	

17. ROOF COVERING - Table 1505.1

Class C minimum	
Class C provided	

18. SPECIAL INSPECTIONS REQUIRED - CHAPTER 17

YES, See Structural Drawings

19. IECC COMPLIANCE REPORT - IBC 1301 & 2012 IECC

See Mechanical Drawings

Table 2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

Total Building Occupancy = 0,000

R OCCUPANCY - EACH GUESTROOM TO HAVE ITS OWN PLUMBING, NO ADDITIONAL SPACE BEING ADDED

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	MALE - 0.000 OCC.	FEMALE - 0.000 OCC.
WC	(1:50) 0000 / 50 = 00.0	(1:50) 0000 / 50 = 00.0
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SS	1	

Table 1107.6.1.1 ACCESSIBLE DWELLING UNITS AND SLEEPING UNITS

Total Number of Units Provided = 76

MINIMUM REQUIRED NUMBER OF ACCESSIBLE UNITS WITHOUT ROLL-IN SHOWERS:
REQUIRED: 4
PROVIDED: 2 EXISTING + 2 NEW = 4

MINIMUM REQUIRED NUMBER OF ACCESSIBLE UNITS WITH ROLL-IN SHOWERS:
REQUIRED: 1
PROVIDED: 1 EXISTING

TOTAL NUMBER OF REQUIRED ACCESSIBLE UNITS:
REQUIRED: 5
PROVIDED: 3 EXISTING + 2 NEW = 5

PROJECT DESCRIPTION

- a. Tenant Improvement on three floors of an existing building that expands the Hotel into the adjacent space. A new exit stair is provided as well as new guestrooms and mechanical chases for the restaurant below. Levels 1 and 2 are existing and not in the scope of work.

b. Total Gross Square Footage for addition:	
Level 3	3,510 sf
Level 4	3,510 sf
Level 5	3,510 sf
Total	10,530 sf

CODE ANALYSIS

1. DISTRICT - ADOPTED CODES (AND APPLICABLE STANDARDS)

2018 International Building Code
2018 International Fire Code
2018 International Mechanical Code
2018 International Plumbing Code
2020 National Electrical Code
2018 International Fuel Gas Code
2015 International Energy Conservation Code
2018 Life Safety Code NFPA 101
2009 ICC/ANSI A117.1 Accessibility requirements standards

2. OCCUPANCY CLASSIFICATION - Section 302, 303.1.3, & 305

Occupancy Groups and Square Footage: Hotel R-1

Group R-1 - Hotel

Building Area Calculations:

Building Enclosed Building Area:	
Level 03: 13,600 SF	
Level 04: 13,600 SF	
Level 05: 13,600 SF	
Roof Top: 5,560 SF	
TOTAL	46,360 SF

3. TYPE OF CONSTRUCTION - Section 602, 602.2 and 603

Type III-B

4. FIRE SPRINKLER - Section 903

Structure is Sprinklered

5. FIRE ALARM

Yes

6. ALLOWABLE HEIGHT - Table 503, Section 503.1 and 504.1

- a. Basic Allowable Height = 60 Feet
Actual Building Height = 52 feet; OK

7. ALLOWABLE STORIES - Table 503, Section 503.1 and 504.2

- a. Basic allowable stories = 5 Stories
b. Actual Building stories = 5 stories; OK

8. ALLOWABLE AREAS - Table 506.2

- a. Basic Allowable Area per Story = 48,000 sf
b. Building Area Modifications, Section 506

9. OCCUPANT LOAD PER FLOOR - Section 1004

a. Table 1004.1.2 - See Occupancy Schedule (this sheet)	
Third Floor Total Occupants = (57 existing) + 15 =	72
Fourth Floor Total Occupants = (140 existing) + 18 =	158
Fifth Floor Total Occupants = (63 existing) + 18 =	81
Roof Terrace Total Occupants = (337 existing)	337
Total Occupant Load =	648

10. EXIT ACCESS - Section 1014, 1015 & 1016, and Table 1015.1

- a. See Life Safety Plans on G3.01 through G3.21
b. Common Path of Egress Travel Occupancy R, sprinklered = 75 feet
c. Spaces with one exit or exit access doorway Occupancy A - Maximum Occupant Load = 49
d. Three or more exits or exit access doorways Three exits required for occupant load of 501 to 1,000 Four exits required for occupant load greater than 1,000
e. Exit Access Travel Distance Occupancy R-1, sprinklered = 75 feet
f. Exterior Egress Balcony Increase Exit access travel distances shall be increased up to an additional 100 feet provided the last portion of the exit access leading to the exit occurs on an exterior egress balcony constructed in accordance with Section 1019. The length of the balcony shall not be less than the amount of the increase taken.

CODE AND LIFE SAFETY PLAN LEGEND

Room name	ROOM NAME AND NUMBER (NON-OCCUPANCY LOADED SPACE)	1-HOUR WALL (45 MIN. OPENING) PER
101		2-HOUR WALL (60 MIN. OPENING)
150 SF		MAXIMUM TRAVEL DISTANCE
BUSINESS	OCCUPANT LOAD IN ROOM (I.B.C. TABLE 1004.1.1)	F.E.C. LOCATION OF FIRE EXTINGUISHER CABINET.
AREA:	CONTRIBUTING AREA	
OCC. #	OCCUPANT LOAD	
0	SPACE OCCUPANT LOAD AND DIRECTION OF EGRESS	
0	ACCUMULATED OCCUPANT LOAD AND DIRECTION OF EGRESS	
0	BUILDING OCCUPANT LOAD AND DIRECTION OF EGRESS	
0	REQUIRED EXIT WIDTH (AS PER I.B.C. TABLE 1005.1)	
0	ACTUAL EXIT WIDTH	

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Group Occupancy - A / R-1	

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Class C minimum	
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YES, See Structural Drawings

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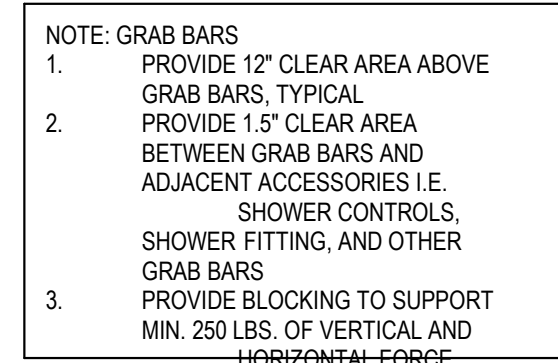
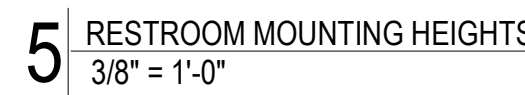
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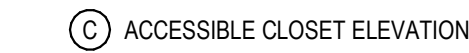
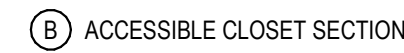
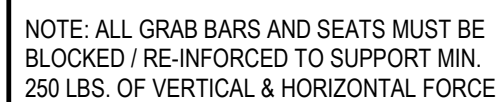
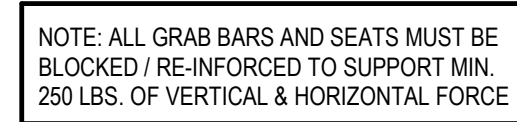
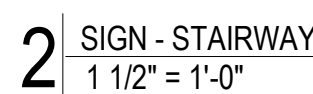
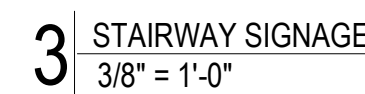
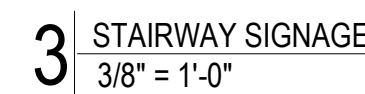


REVISIONS

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NOTE:
ALL EQUIPMENT CONTROLS OR PRODUCT
DISPENSER LOCATIONS MUST BE WITHIN
REACH RANGE AS INDICATED

NOTE:
FLUSH LEVER POSITIONS TO FACE OPEN
SIDE OF W.C. TYPICAL



PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

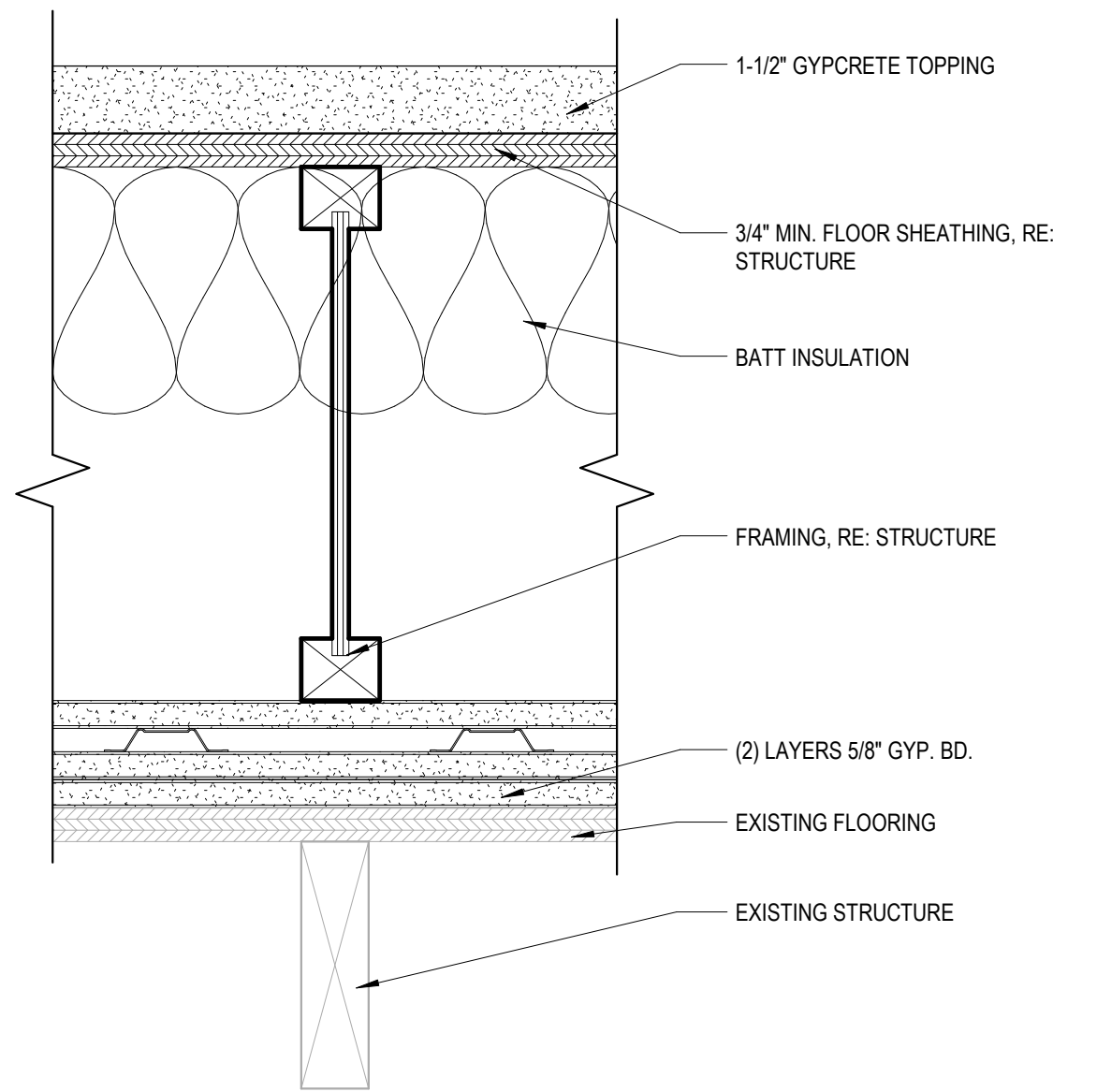
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ACCESSIBILITY REQUIREMENTS

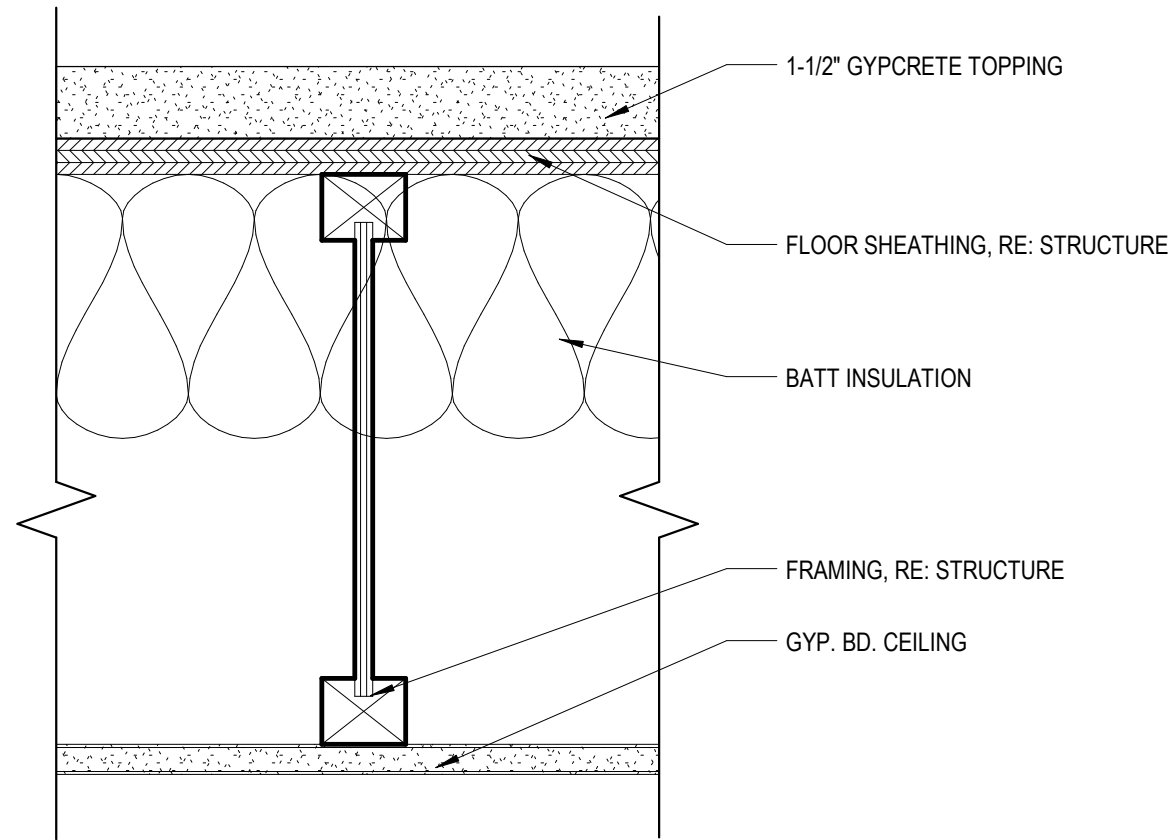
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SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

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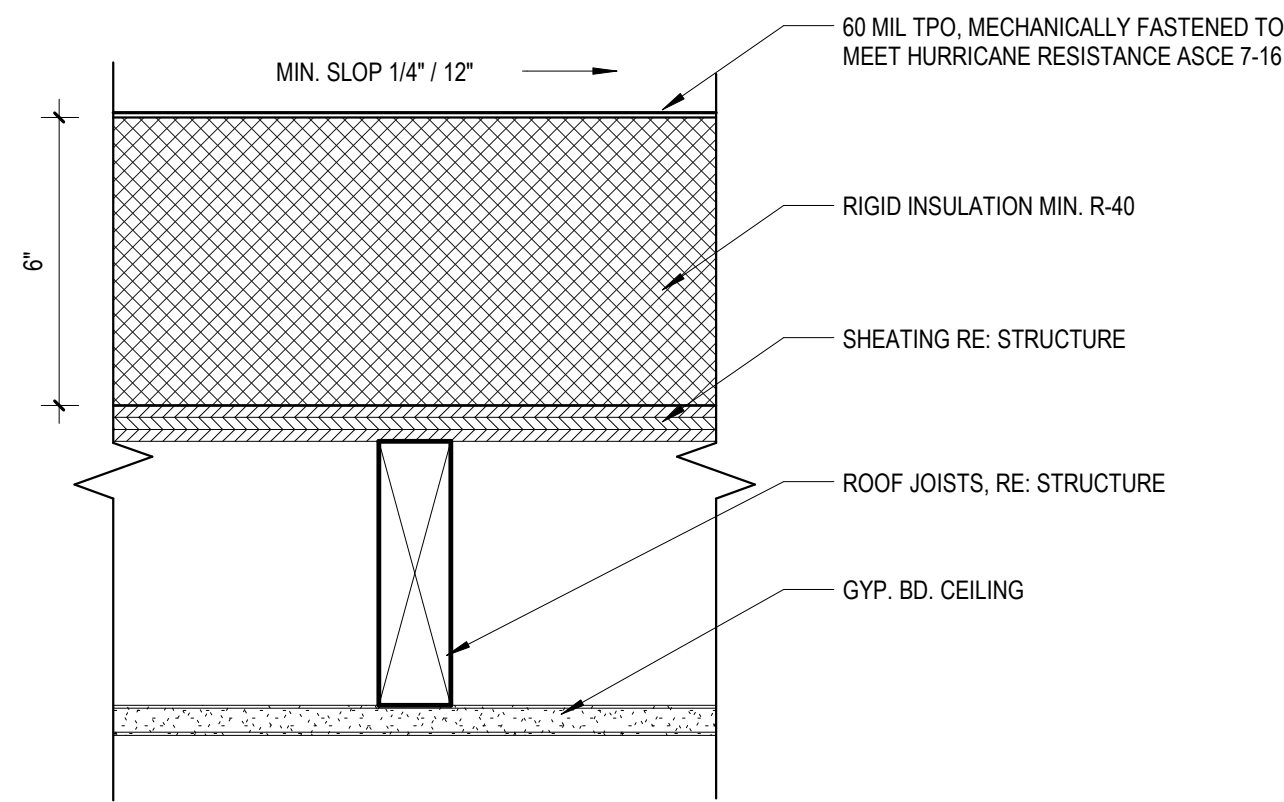
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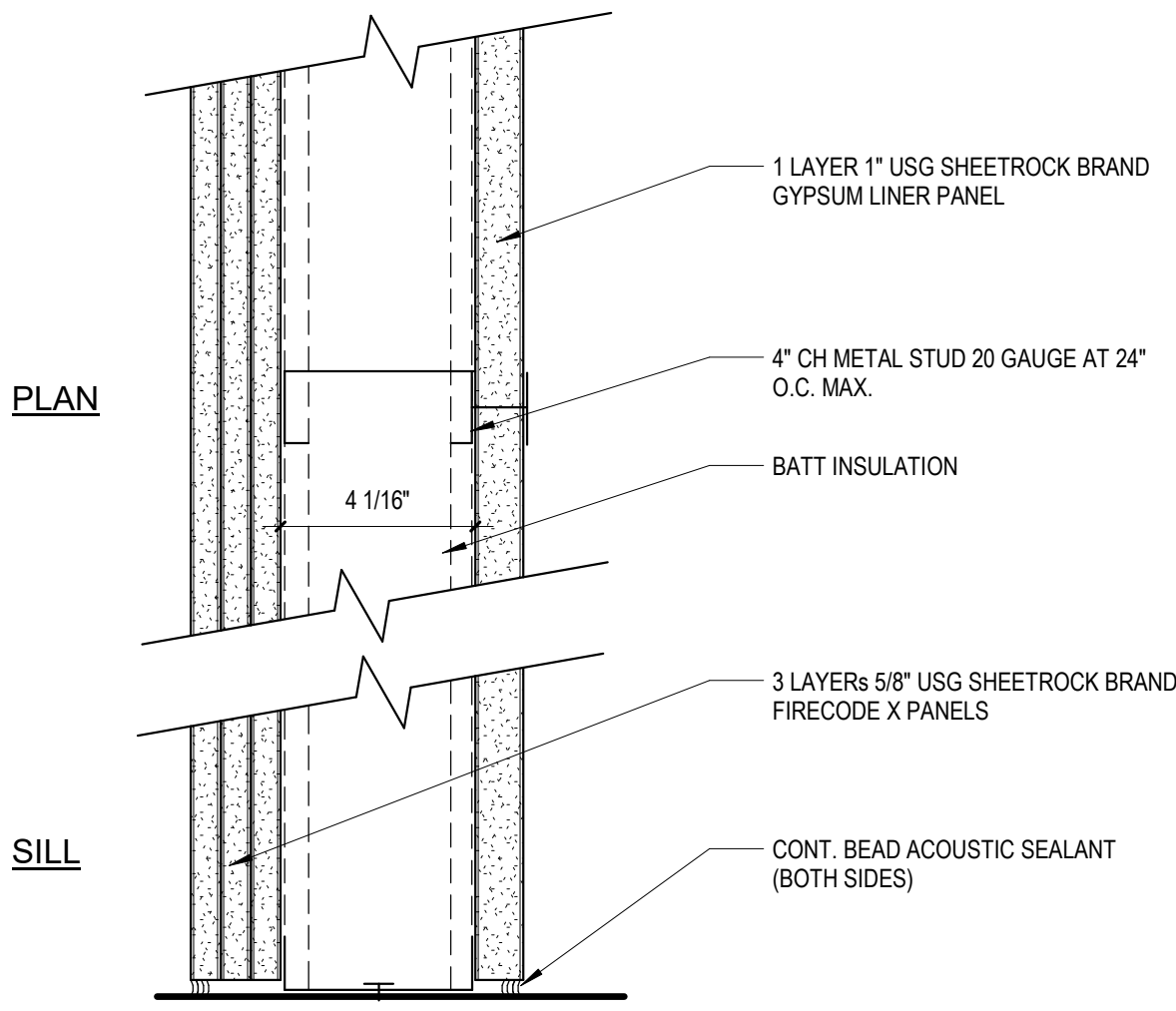
FLOOR: F-02 AT LEVEL 3



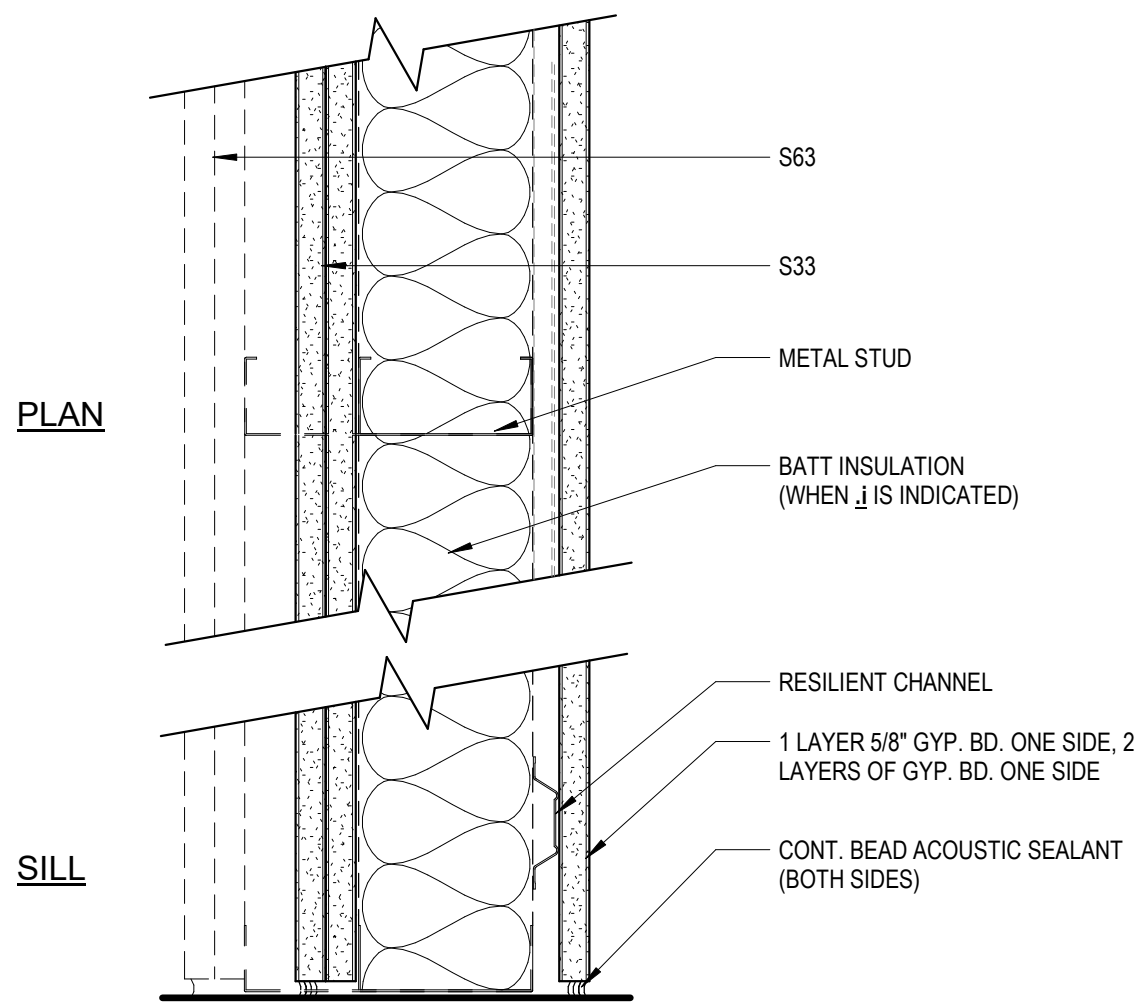
TYP. FLOOR: F-01



TPO O/ RIGID INSULATION: R-01

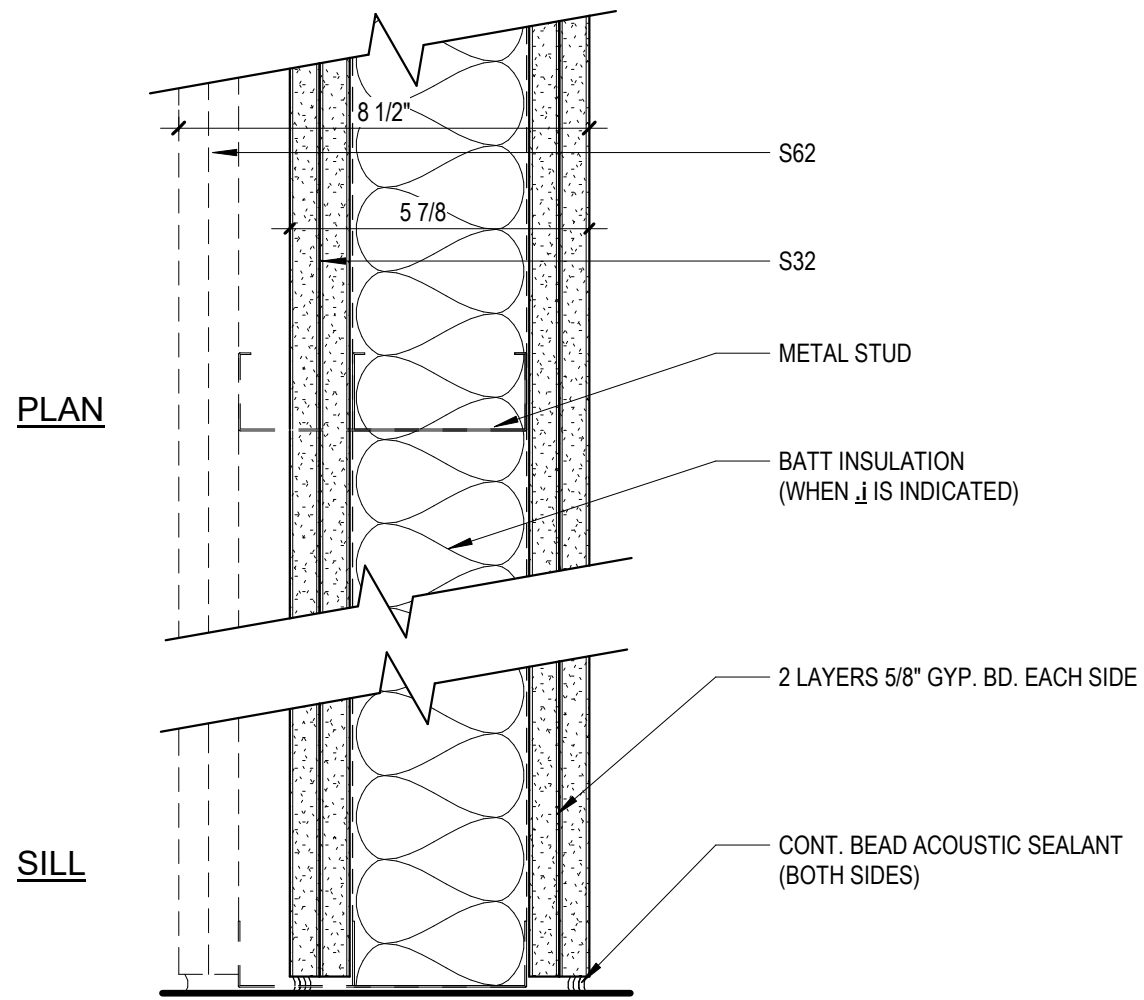


PARTITION TYPE SC4



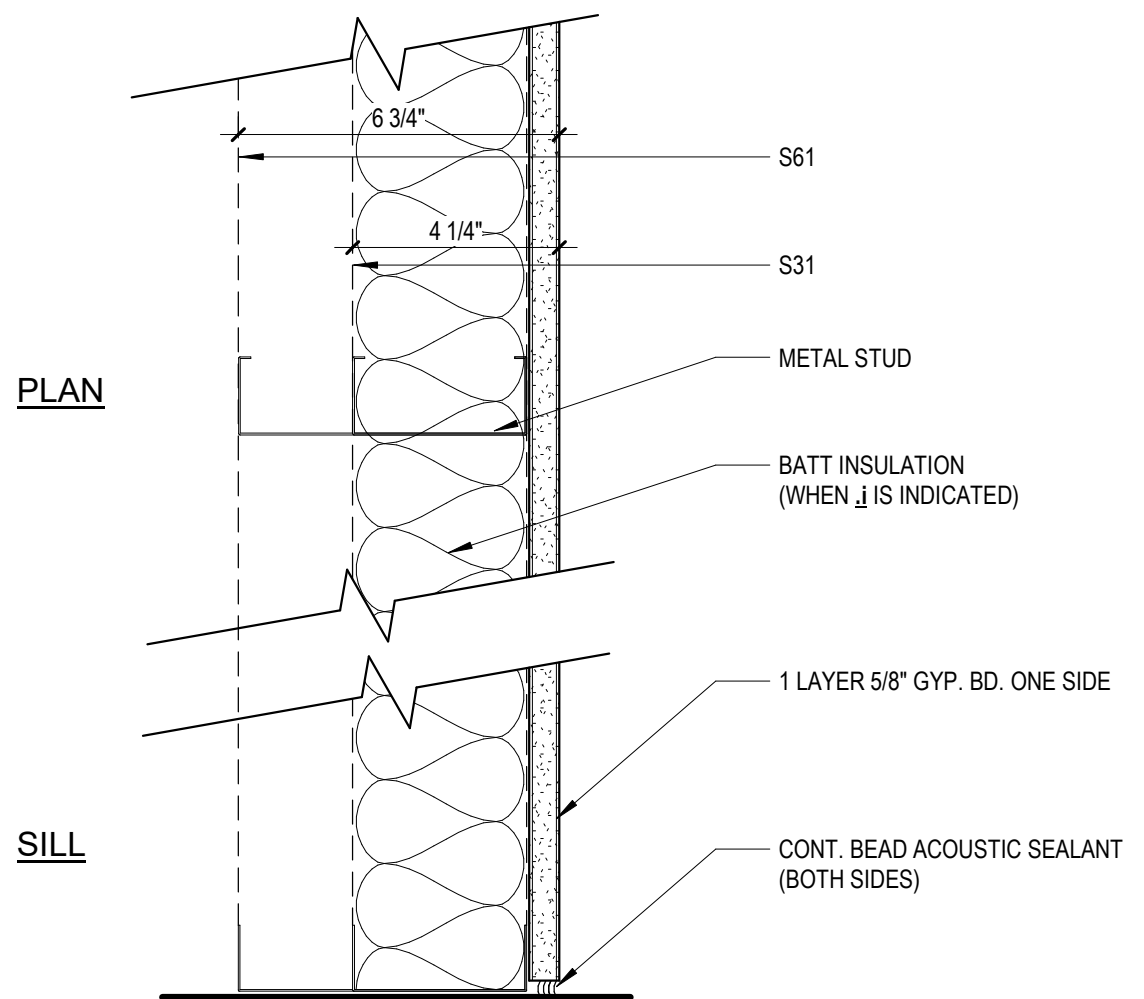
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J. PROVIDE INSULATION FULL HEIGHT OF PARTITION AS SCHEDULED
D. EXTEND WALL TYPE TO DECK / ROOF JOIST

PARTITION TYPE S33, S63



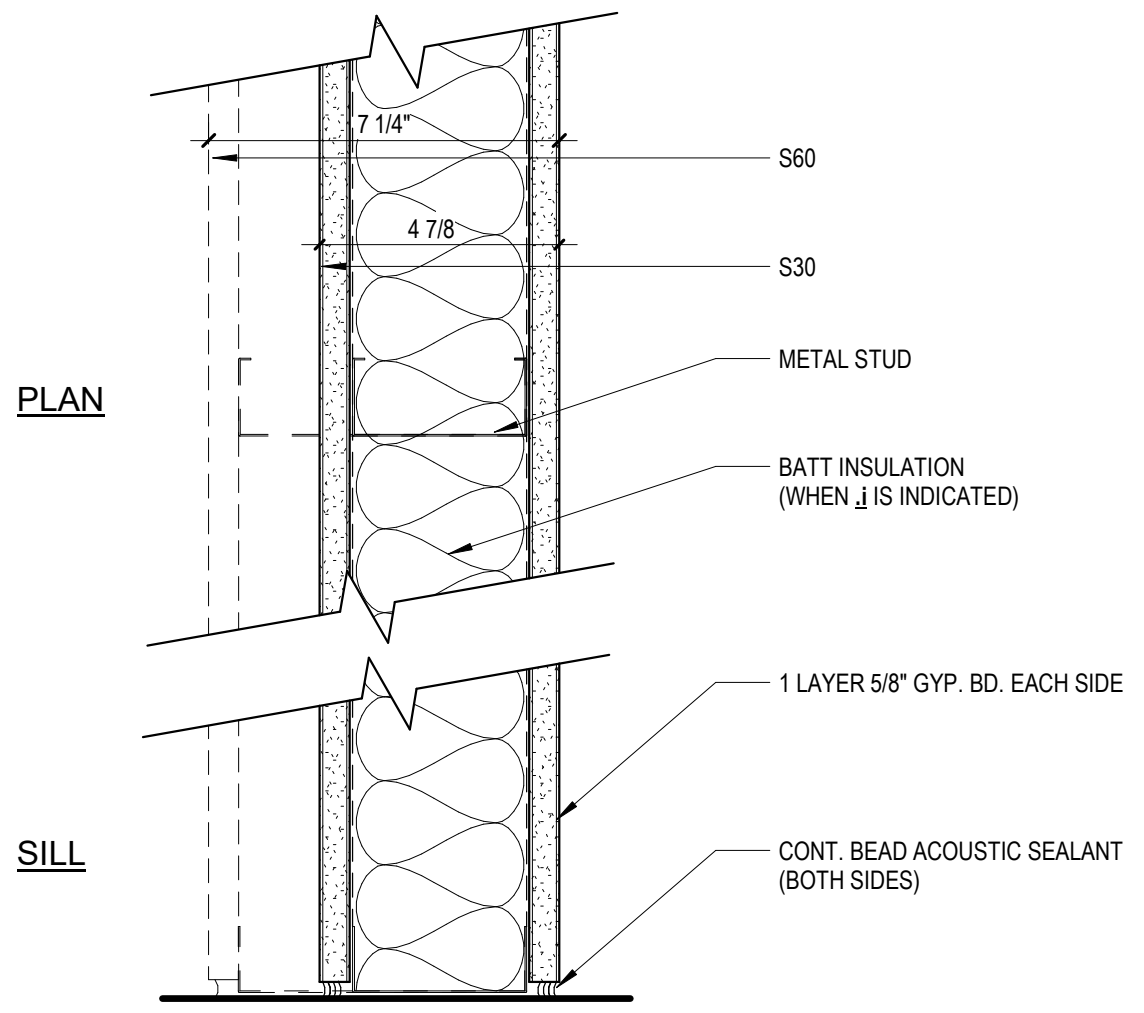
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PARTITION TYPE S32, S62



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D. EXTEND WALL TYPE TO DECK / ROOF JOIST

PARTITION TYPE S31, S61



NOTES / ALTERNATES:
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PARTITION TYPE S30, S60

GENERAL NOTES:

- TOP OF PARTITION FASTENERS: HILTI X-2F2PBT 0.138 DIA. X 3/4\"
- FASTENERS @ EACH CONNECTION (OR EQUAL)
- BOTTOM OF PARTITION FASTENERS: HILTI X-2F 0.138 DIA. X 3/4\"
- LONG LOW VELOCITY POWER ACTUATED FASTENERS @ 24\"
- PROVIDE INSULATION AT ALL WALLS INDICATED WITH 1\"
- CONTRACTOR TO COORDINATE DOOR FRAME THROAT SIZE WITH PARTITION TYPE
- REFERENCE DOOR SCHEDULE FOR DOOR RATING

PARTITION TAG:

DESIGNATES MATERIAL
C - CMU / CONCRETE
M - MASONRY
W - WOOD
S - STEEL

NOMINAL STUD SIZE

SXXi.D#

WALL ASSEMBLY FIRE RATING

PARTITION TO DECK / FLOOR / ROOF

SOUND ATTENUATION BLANKET / BATT INSULATION

FINISH O / STRUCTURE: REFERENCE TYPES FOR MATERIAL(S)

PARTITION NOTES:

- ALL PARTITION SHEATHING TO BE 5/8\"
- UNLESS NOTED OTHERWISE, ALL PARTITIONS SHALL BE COORDINATED WITH SCHEDULED FINISHES FOR PARTITION LAYOUT AND REQUIRED CLEARANCES
- PROVIDE 16 GA. METAL BACKING IN PARTITIONS FOR CASEWORK, HANDRAILS & ARTWORK HANGING AS INDICATED. REFER TO INTERIOR ELEVATIONS FOR LOCATIONS AS NEEDED
- FOR INTERIOR FRAMING LIMITING HEIGHTS REFER TO SSMA TABLES FOR INTERIOR NON-STRUCTURAL NON-COMPOSITE PARTITIONS
- CONTRACTOR TO RE-CONFIRM STUD SIZING AND SUBMIT SELECTION CRITERIA FOR REVIEW
- REFER TO FINISH SCHEDULES FOR APPLIED FINISH ON EACH WALL TYPE
- DRYWALL PARTITION CONTROL JOINTS ARE REQUIRED AT APPROX. 36\"
- MECHANICAL AND ELECTRICAL PENETRATIONS THROUGH SOUND BARRIER PARTITIONS ARE TO AVOID BACK-TO-BACK DEVICE BOXES. ALL DEVICES ARE TO BE PLACED IN SEPARATE STUD SPACES TO PROVIDE MIN. 8\" SEPARATION. DUCT PENETRATIONS ARE TO RECEIVE PERIMETER ACOUSTIC SEALANT BETWEEN DUCT AND WALL FRAMING AND TO EACH SIDE OF GYPSUM WALLBOARD LAYER MEETING DUCT SURFACES.

306 NE 2nd Street
Meridian, ID 83642
208-649-8306
www.studioharchitects.com

STAMP:

CONSULTANT:

REVISIONS		
No.	Description	Date

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

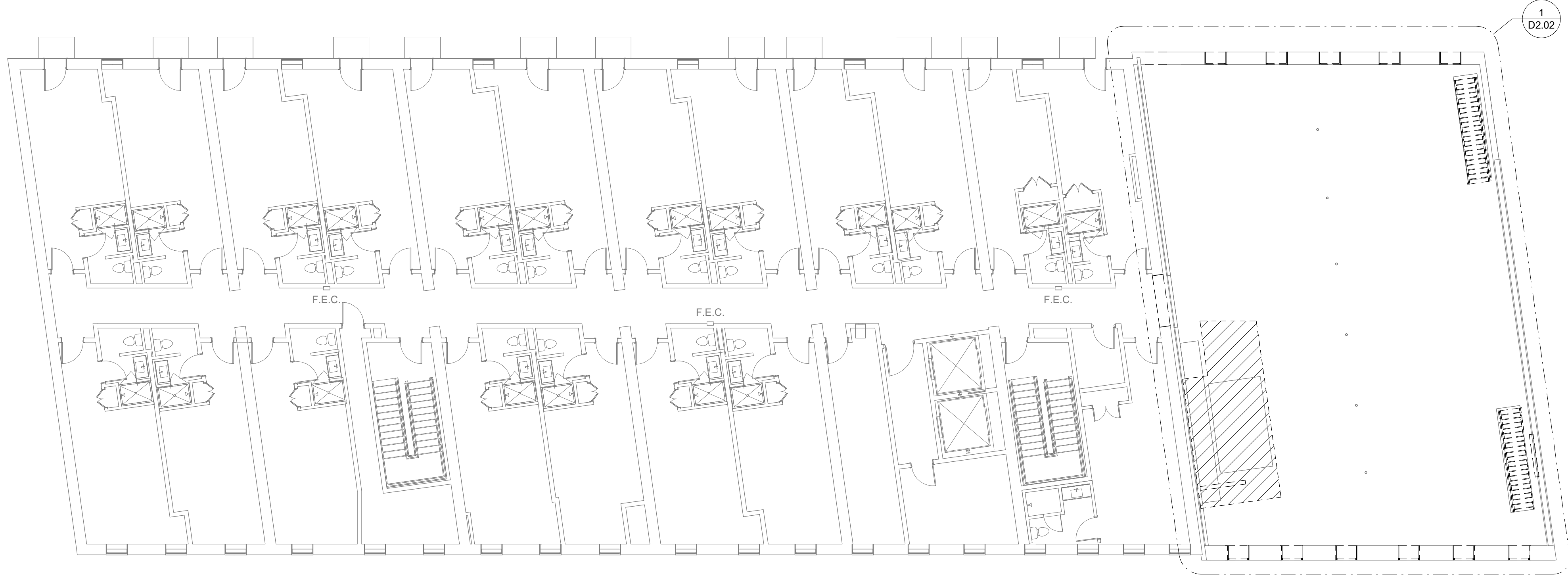
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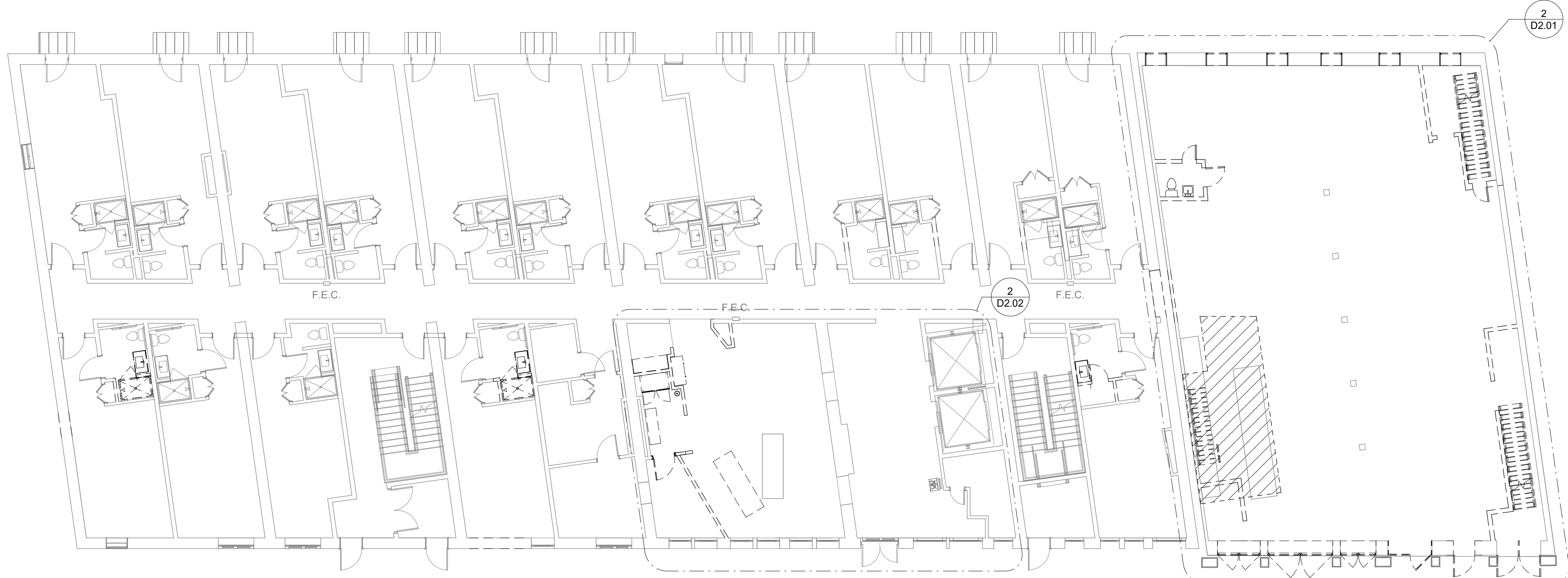
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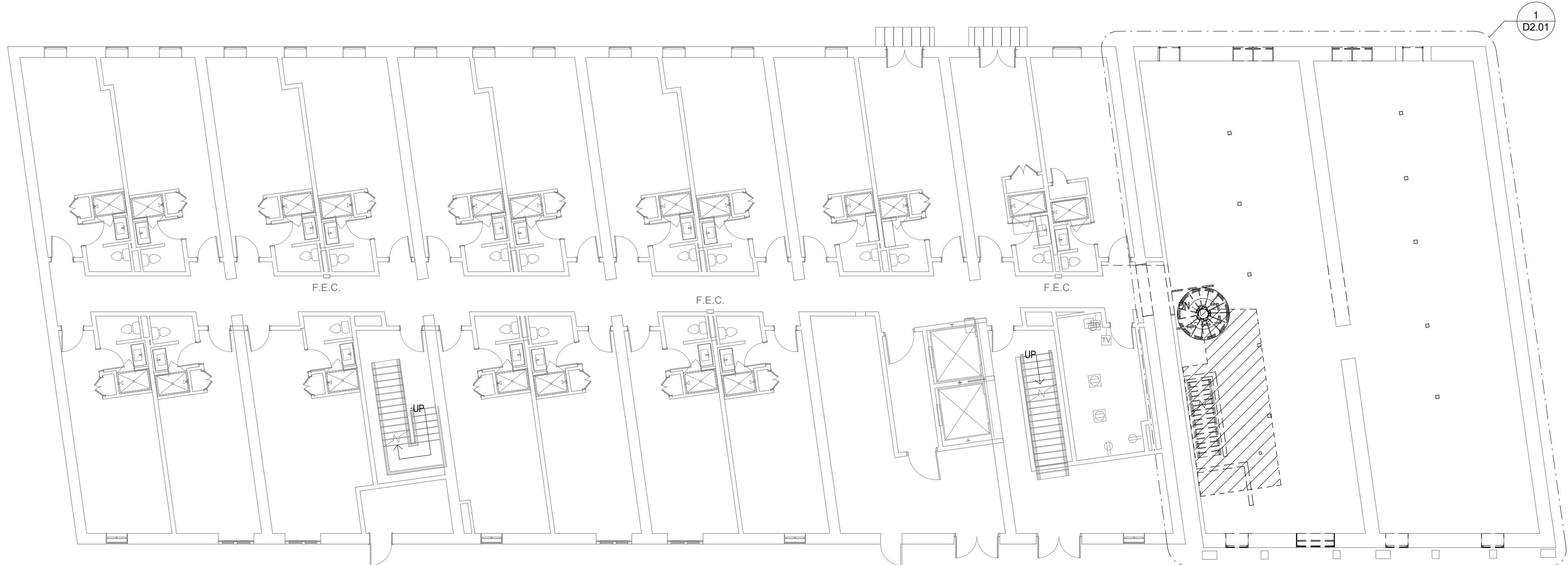
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3 LEVEL 05 - OVERALL DEMO PLAN
3/32" = 1'-0"



2 LEVEL 04 - OVERALL DEMO PLAN
3/32" = 1'-0"



1 LEVEL 03 - OVERALL DEMO PLAN
3/32" = 1'-0"

- SHEET NOTES - DEMO PLAN**
1. ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD. JUNG
 2. SCREENED/GREYED OUT LINES REPRESENT EXISTING WALLS, DOORS, WINDOWS, ETC. TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
 3. COORDINATE DEMOLITION EXTENTS WITH NEW PLANS.
 4. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMO, AS APPLICABLE.



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No.	Description	Date

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

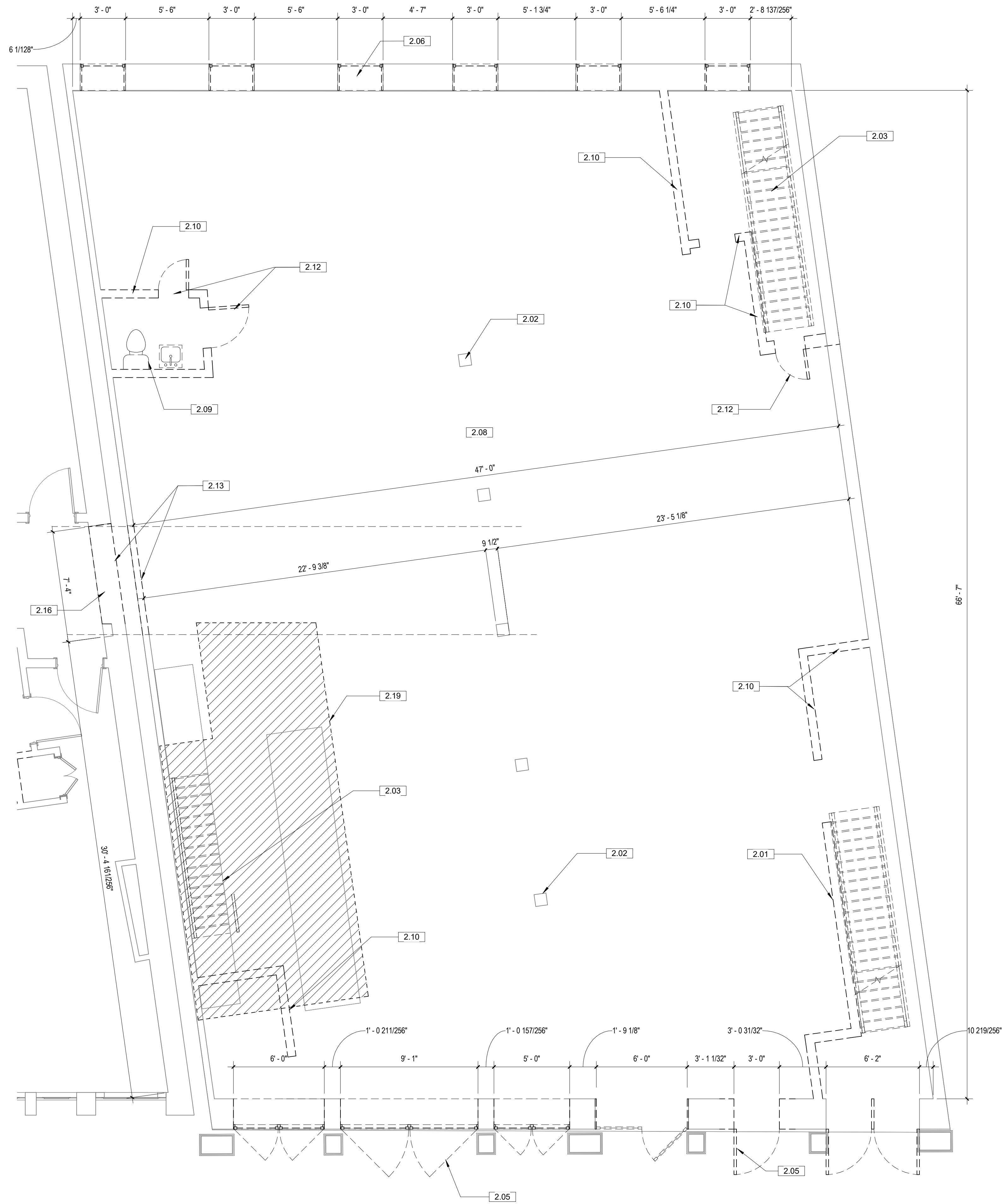
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
DEMOLITION OVERALL FLOOR PLAN

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

SHEET

D2.00



2 LEVEL 04 - DEMO PLAN
1/4" = 1'-0"



1 LEVEL 03 - DEMO PLAN
1/4" = 1'-0"

- SHEET NOTES - DEMO PLAN**
1. ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD LINO
 2. SCREENED/GREYED OUT LINES REPRESENT EXISTING WALLS, DOORS, WINDOWS, ETC. TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
 3. COORDINATE DEMOLITION EXTENTS WITH NEW PLANS.
 4. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMO, AS APPLICABLE.

KEYNOTE LEGEND	
NO.	KEYNOTE / REFERENCE NOTE
2.01	EXISTING CONSTRUCTION, PRESERVE AND PROTECT. REPAIR DAMAGED AREAS TO ORIGINAL STATE
2.02	(E) COLUMN TO REMAIN, TYP.
2.03	DEMO (E) STAIR, PREP FLOOR FOR NEW FLOOR AND FINISHES WHERE IN FILL OCCURS
2.05	DEMO (E) DOOR AND PREP FOR NEW STOREFRONT, TYP.
2.06	DEMO (E) WINDOW AND PREP FOR NEW WINDOW, TYP.
2.07	DEMO (E) STAIRS
2.08	REMOVE ALL FINISHED FLOORS AND PREP FLOOR FOR NEW FINISHES
2.09	DEMO (E) BATHROOM, CAP ALL PLUMBING LINES, CW NEW CONSTRUCTION
2.10	DEMO (E) WALL, REMOVE EXISTING WIRING, CABLE AND ALL ABANDONED TELEPHONE AND DATA CABLING BACK TO POINT OF ORIGIN AS OCCURS, VIF
2.12	DEMO (E) DOOR
2.13	DEMO PORTION OF (E) WALL, RE: STRUCTURAL
2.14	DEMO (E) COLUMN, TYP. RE: STRUCTURAL
2.15	DEMO (E) WINDOW AND INFILL TO MATCH (E) CONSTRUCTION
2.16	ALIGN OPENING WITH (E) CORRIDOR WALLS, VIF
2.19	APPROXIMATE LOCATION OF NEW RATED STAIR AND MECHANICAL SHAFT, RE: STRUCTURAL



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STATE OF GEORGIA
JESSICA HEGGIE
REGISTERED ARCHITECT
CERTIFICATE NO. 107179

CONSULTANT:

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No.	Description	Date

OWNER: HOS MANAGEMENT
PROJECT: COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS: 114 W. BAY STREET SAVANNAH, GA 31401
SHEET NAME: ENLARGED DEMOLITION PLANS

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
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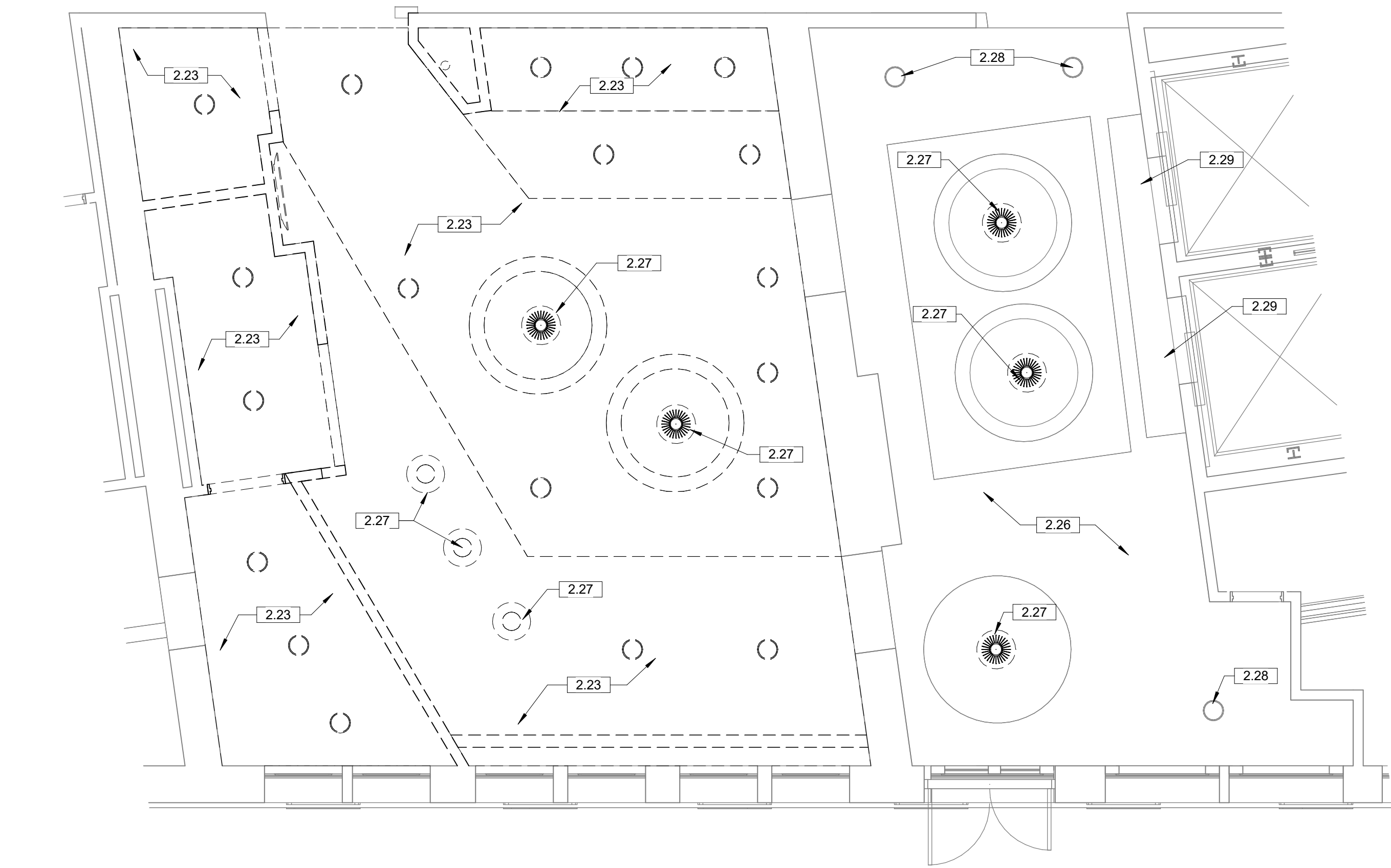
SHEET NOTES - DEMO PLAN

- ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD. JUNG
- SCREENED/GREYED OUT LINES REPRESENT EXISTING WALLS, DOORS, WINDOWS, ETC. TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION ACTIVITIES. COORDINATE DEMOLITION EXTENTS WITH NEW PLANS.
- SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMO, AS APPLICABLE.

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
2.02	(E) COLUMN TO REMAIN, TYP.
2.03	DEMO (E) STAIR, PREP FLOOR FOR NEW FLOOR AND FINISHES WHERE IN FILL OCCURS
2.06	DEMO (E) WINDOW AND PREP FOR NEW WINDOW, TYP.
2.08	REMOVE ALL FINISHED FLOORS AND PREP FLOOR FOR NEW FINISHES.
2.10	DEMO (E) WALL, REMOVE EXISTING WIRING, CABLE AND ALL ABANDONED TELEPHONE AND DATA CABLES SHOCK TO POINT OF ORIGIN AS OCCURS, VIF
2.13	DEMO PORTION OF (E) WALL, RE-STRUCTURAL
2.19	APPROXIMATE LOCATION OF NEW RATED STAIR AND MECHANICAL SHAFT, RE-STRUCTURAL
2.20	(E) BEVERAGE COOLER TO BE RELOCATED
2.21	(E) WATER STUB-OUT AND COFFEE MAKER TO BE RELOCATED
2.22	DEMO (E) RECEPTION DESK AND RELOCATE (E) ELECTRICAL
2.23	DEMO (E) HARD LID CEILING AND RECESSED DOWNLIGHTS, SALVAGE CROWN MOLDING TO BE REFINISHED AND REINSTALLED
2.24	(E) TV (ABOVE) TO BE RELOCATED
2.25	(E) ATM TO REMAIN, PROTECT IN PLACE
2.26	(E) CEILING TO REMAIN, PROTECT IN PLACE AND PREP FOR NEW FINISHES
2.27	(E) CHANDELIERS OR SURFACE MOUNTED LIGHT FIXTURES TO BE REMOVED, COORDINATE WITH OWNER FOR STORAGE OR DISPOSAL
2.28	(E) RECESSED DOWNLIGHTS TO BE REPLACED, RE- ELECTRICAL
2.29	(E) OVERHEAD SMOKE CURTAINS TO REMAIN, PRESERVE AND PROTECT
2.30	(E) BRICK WALL AND OPENINGS TO REMAIN, PRESERVE AND PROTECT
2.31	(E) CASED OPENING, PRESERVE AND PROTECT, PREP FOR NEW FINISHES
2.40	REMOVE EXISTING FURNITURE AND ARTWORK, COORDINATE WITH OWNER FOR STORAGE OR DISPOSAL
2.41	(E) PRINTER TO BE RELOCATED

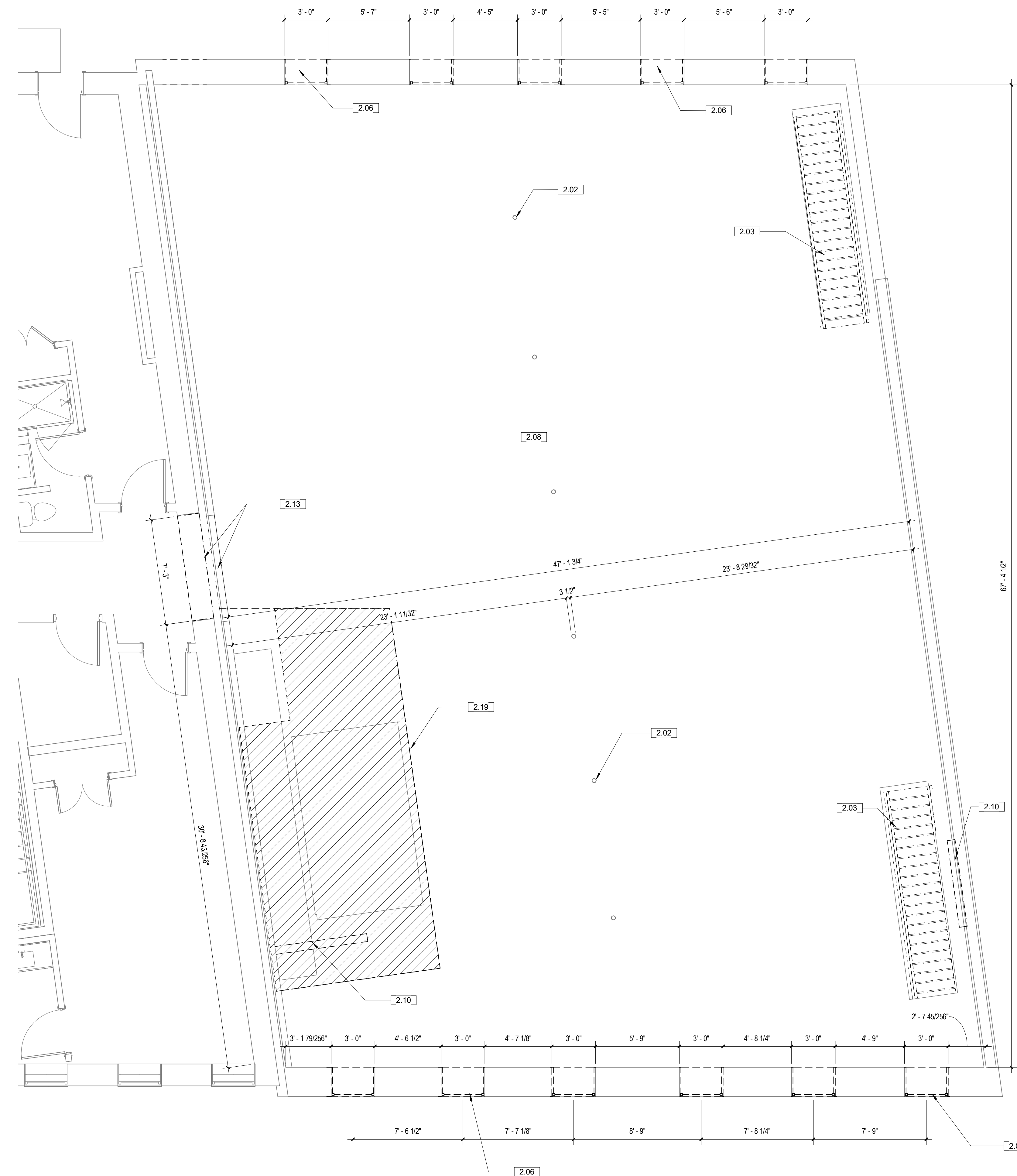
3 ENLARGED LOBBY DEMO RCP
1/4" = 1'-0"



2 ENLARGED LOBBY DEMO PLAN
1/4" = 1'-0"



1 LEVEL 05 - DEMO PLAN
1/4" = 1'-0"





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SHEET NOTES - FLOOR PLAN

- ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD. JNG
- RE: CODE AND OCCUPANCY PLANS FOR REQUIRED FIRE RATINGS AND SMOKE PARTITIONS.
- CONTRACTOR TO VERIFY ALL COLUMN AND ROOF DRAIN FURR OUTS IN FIELD PROVIDE BACKING AND/OR SUPPORTS AT ALL WALL MOUNTED CABINETRY, EQUIPMENT, FIXTURES, ETC.
- AT ALL WALLS WITH SOUND ATTENUATION, SEAL TOP OF WALL AT STRUCTURE AND BOTTOM OF WALL WITH SOUND SEALANT.
- AT ALL WALLS THAT EXTEND TO STRUCTURE, PROVIDE DEFLECTION TRACK. SEE WALL DETAILS FOR TYPICAL CONDITION.
- FOR ALL WET CONDITIONS, PROVIDE WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM BOARD.
- UNLESS NOTED OTHERWISE, ALL GWB WALLS SHALL HAVE 8" STUD FRAME RETURN AT ALL DOOR JAMBS.

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
2.17	(E) BOARDWALK TO REMAIN
2.18	(E) MECHANICAL UNITS TO REMAIN

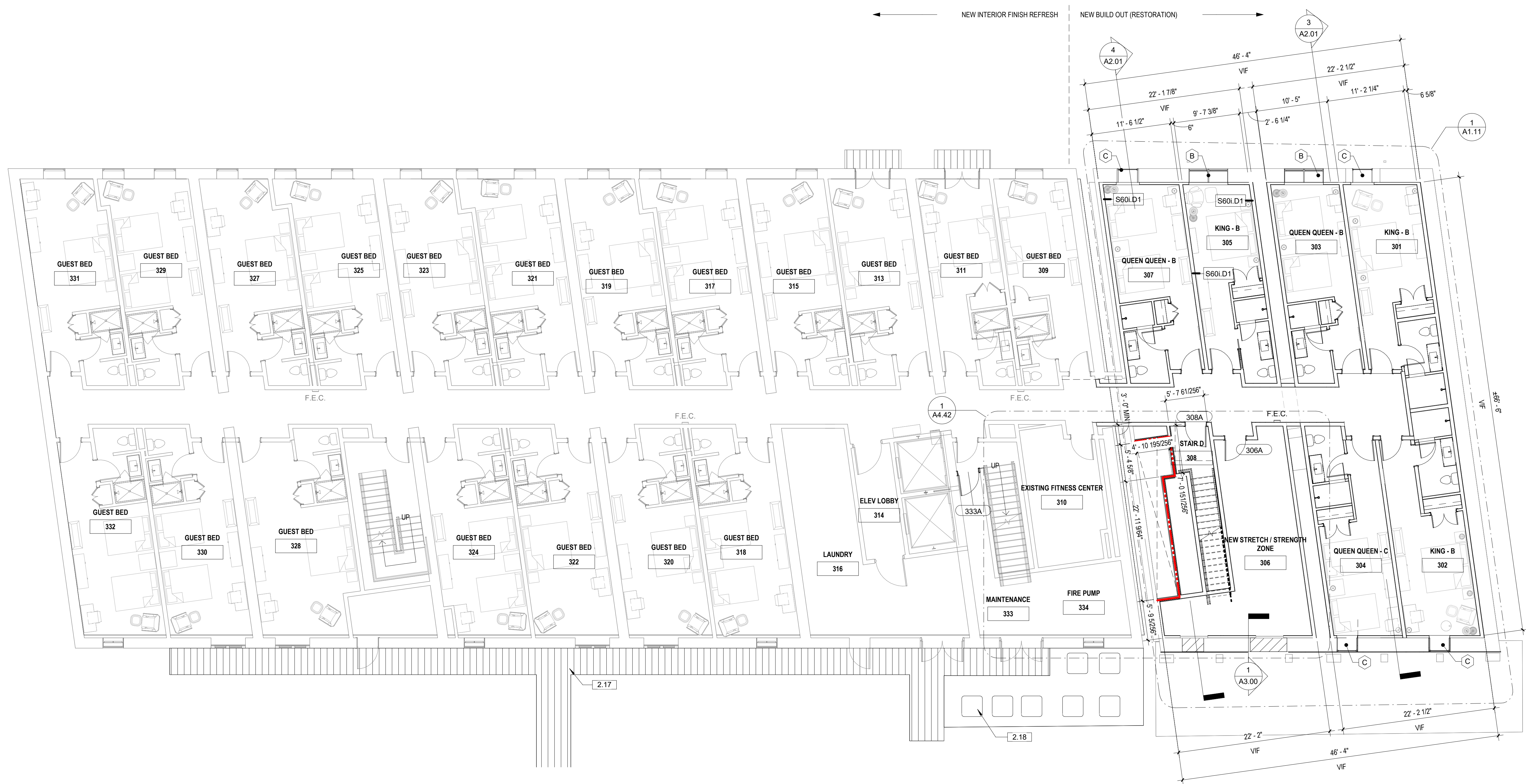
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No.	Description	Date



1 LEVEL 03 - FLOOR PLAN
1/8" = 1'-0"

OWNER: **HOS MANAGEMENT**
PROJECT: **COTTON SAIL HOTEL EXPANSION**
PROJECT ADDRESS: 114 W. BAY STREET, SAVANNAH, GA 31401
SHEET NAME: **LEVEL 3 - OVERALL FLOOR PLAN**

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
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- ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD, UNO
- RE: CODE AND OCCUPANCY PLANS FOR REQUIRED FIRE RATINGS AND SMOKE PARTITIONS.
- CONTRACTOR TO VERIFY ALL COLUMN AND ROOF DRAIN PURR OUTS IN FIELD PROVIDE BACKING AND/OR SUPPORTS AT ALL WALL MOUNTED CABINETRY, EQUIPMENT, FIXTURES, ETC.
- AT ALL WALLS WITH SOUND ATTENUATION, SEAL TOP OF WALL AT STRUCTURE AND BOTTOM OF WALL WITH SOUND SEALANT.
- AT ALL WALLS THAT EXTEND TO STRUCTURE, PROVIDE DEFLECTION TRACK. SEE WALL DETAILS FOR TYPICAL CONDITION.
- FOR ALL WET CONDITIONS, PROVIDE WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM BOARD.
- UNLESS NOTED OTHERWISE, ALL GWB WALLS SHALL HAVE 6" STUD FRAME RETURN AT ALL DOOR JAMBS.

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
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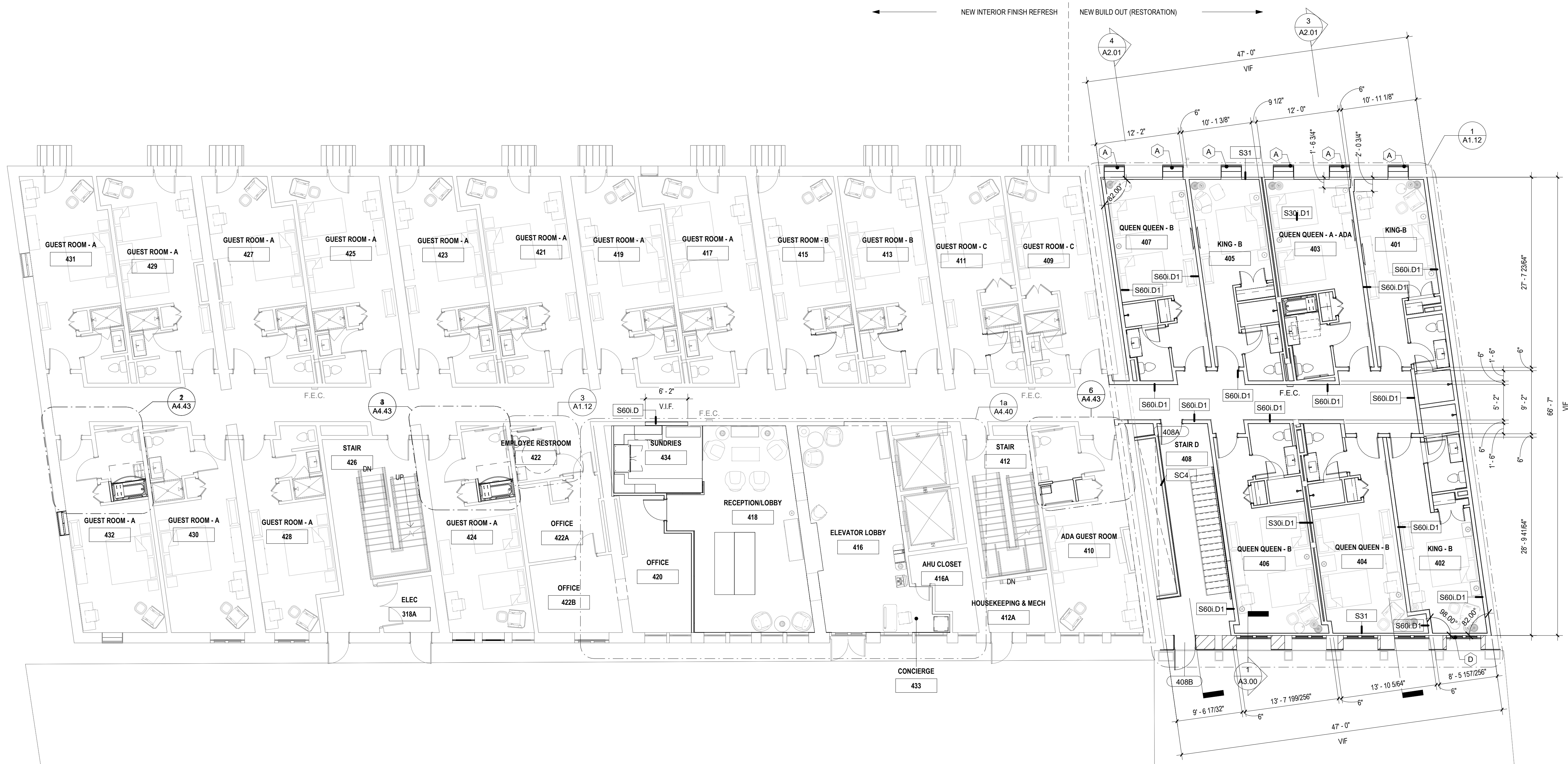
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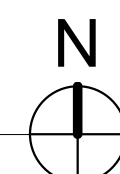
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No.	Description	Date



1 LEVEL 04 - FLOOR PLAN
1/8" = 1'-0"



OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
LEVEL 4 - OVERALL FLOOR PLAN

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
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SHEET NOTES - FLOOR PLAN

- ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD. JNO
- RE: CODE AND OCCUPANCY PLANS FOR REQUIRED FIRE RATINGS AND SMOKE PARTITIONS.
- CONTRACTOR TO VERIFY ALL COLUMN AND ROOF DRAIN FURR OUTS IN FIELD PROVIDE BACKING AND/OR SUPPORTS AT ALL WALL MOUNTED CABINETRY, EQUIPMENT, FIXTURES, ETC.
- AT ALL WALLS WITH SOUND ATTENUATION, SEAL TOP OF WALL AT STRUCTURE AND BOTTOM OF WALL WITH SOUND SEALANT.
- AT ALL WALLS THAT EXTEND TO STRUCTURE, PROVIDE DEFLECTION TRACK. SEE WALL DETAILS FOR TYPICAL CONDITION.
- FOR ALL WET CONDITIONS, PROVIDE WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM BOARD.
- UNLESS NOTED OTHERWISE, ALL GWB WALLS SHALL HAVE 6" STUD FRAME RETURN AT ALL DOOR JAMBS.

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
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No.	Description	Date

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

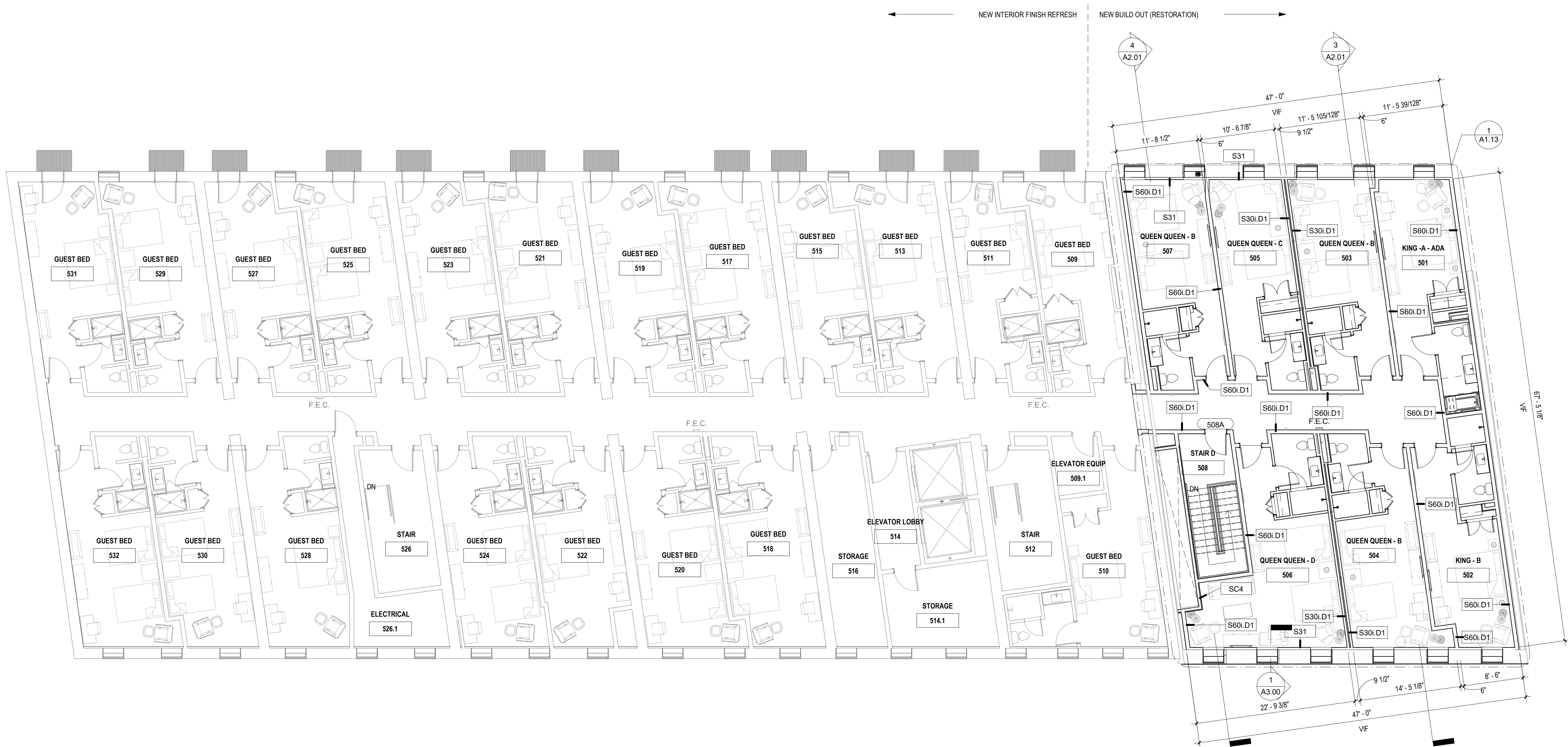
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
LEVEL 5 - OVERALL FLOOR PLAN

PROJECT NUMBER	23-37
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1 LEVEL 05 - FLOOR PLAN
1/8" = 1'-0"



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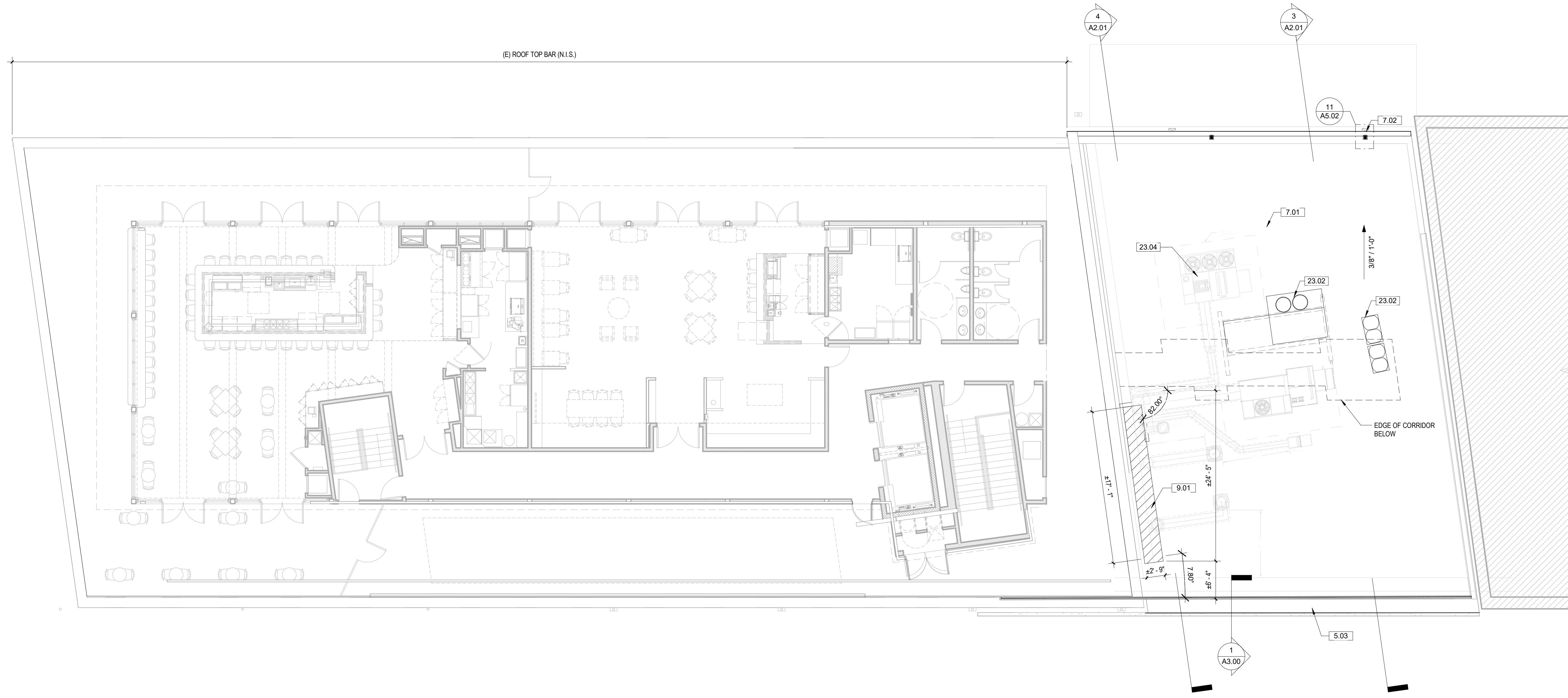
No.	Description	Date

SHEET NOTES - FLOOR PLAN

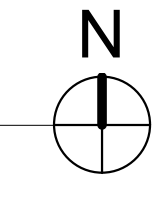
- ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD, UNO
- RE: CODE AND OCCUPANCY PLANS FOR REQUIRED FIRE RATINGS AND SMOKE PARTITIONS.
- CONTRACTOR TO VERIFY ALL COLUMN AND ROOF DRAIN FURR OUTS IN FIELD PROVIDE BACKING AND/OR SUPPORTS AT ALL WALL MOUNTED CABINETRY, EQUIPMENT, FIXTURES, ETC.
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- FOR ALL WET CONDITIONS, PROVIDE WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM BOARD.
- UNLESS NOTED OTHERWISE, ALL GWB WALLS SHALL HAVE 6" STUD FRAME RETURN AT ALL DOOR JAMBS.
-

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
5.03	PREFINISHED METAL COPING TO MATCH EXISTING ADJACENT COPING
7.01	TPO ROOFING OVER RIGID INSULATION
7.02	REPLACE (E) SCUPPER, COLLECTOR BOX AND DOWNSPOUT WITH (N), VIF
9.01	2HR RATED MECHANICAL SHAFT BELOW
23.02	MECHANICAL EQUIPMENT
23.04	FUTURE RESTAURANT MECHANICAL EQUIPMENT. RE: MECHANICAL DRAWINGS FOR CLEARANCES. N.I.S. BUT PROVIDED FOR STRUCTURE AND COORDINATION

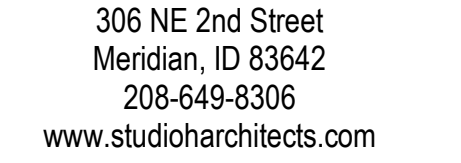


1 LEVEL 06 - ROOF PLAN
1/8" = 1'-0"



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PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
LEVEL 6 - ROOF PLAN

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
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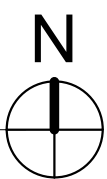


VISIONS

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1. ALL DIMENSIONS ARE TO STRUCTURAL GRID. FACE OF MASONRY/CONCRETE, OR FACE OF STUD. UNO.
2. REQUIRE CODE AND OCCUPANCY PLANS FOR REQUIRED FIRE RATINGS AND SMOKE PARTITIONS.
3. CONTRACTOR TO VERIFY ALL COLUMN AND ROOF DRAIN RUNF OUTS IN FIELD. PROVIDE BACKING AND/OR SUPPORTS AT ALL MOUNTED CANNY, EQUIPMENT, FIXTURES, ETC.
4. AT ALL WALLS WITH SOUND ATTACHMENT, SEAL AT JOINT OF WALL AT STRUCTURE AND BOTTOM OF WALL WITH SOUND SEALANT.
5. AT ALL WALLS THAT EXTEND TO STRUCTURE, PROVIDE DEFLECTION TRACK. SEE WALL DETAILS FOR TYPE AND CONDITION.
6. FOR MET. CONDITIONS, PROVIDE WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM BOARD.
7. UNLESS NOTED OTHERWISE, ALL GWS WALLS SHALL HAVE 6" STUD FRAME RETURN AT ALL DOOR JAMBS.

NO.	KEYNOTE / REFERENCE NOTE
2.02	(E) COLUMN TO REMAIN, TYP.
4.01	INFILL (E) WINDOW OPENING WITH METAL STUDS AND BRICK VENEER TO MATCH EXISTING
8.02	WOOD WINDOW TO INFILL EXISTING OPENING
10.02	CORNER GUARD, COLOR TO MATCH WALL PAINT
10.03	SEMI RECESSED FIRE EXTINGUISHER AND CABINET
12.01	LIGHTGLASS WINDOW LIGHT



1 LEVEL 3 - ENLARGED FLOOR PLAN
1/4" = 1'-0"

HOS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS

114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
LEVEL 3 - ENLARGED FLOOR PLAN

PROJECT NUMBER	23-37
PERMIT ISSUE DATE	01/05/24
PERMIT TYPE	ISSUE FOR PERMIT

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SHEET NOTES - FLOOR PLAN

- ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD. JNG
- RE: CODE AND OCCUPANCY PLANS FOR REQUIRED FIRE RATINGS AND SMOKE PARTITIONS.
- CONTRACTOR TO VERIFY ALL COLUMN AND ROOF DRAIN PURL OUTS IN FIELD PROVIDE BACKING AND/OR SUPPORTS AT ALL WALL MOUNTED CABINETRY, EQUIPMENT, FIXTURES, ETC.
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- UNLESS NOTED OTHERWISE, ALL GWB WALLS SHALL HAVE 6" STUD FRAME RETURN AT ALL DOOR JAMBS.

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
2.02	(E) COLUMN TO REMAIN, TYP.
10.02	CORNER GUARD, COLOR TO MATCH WALL PAINT
10.03	SEMI RECESSED FIRE EXTINGUISHER AND CABINET

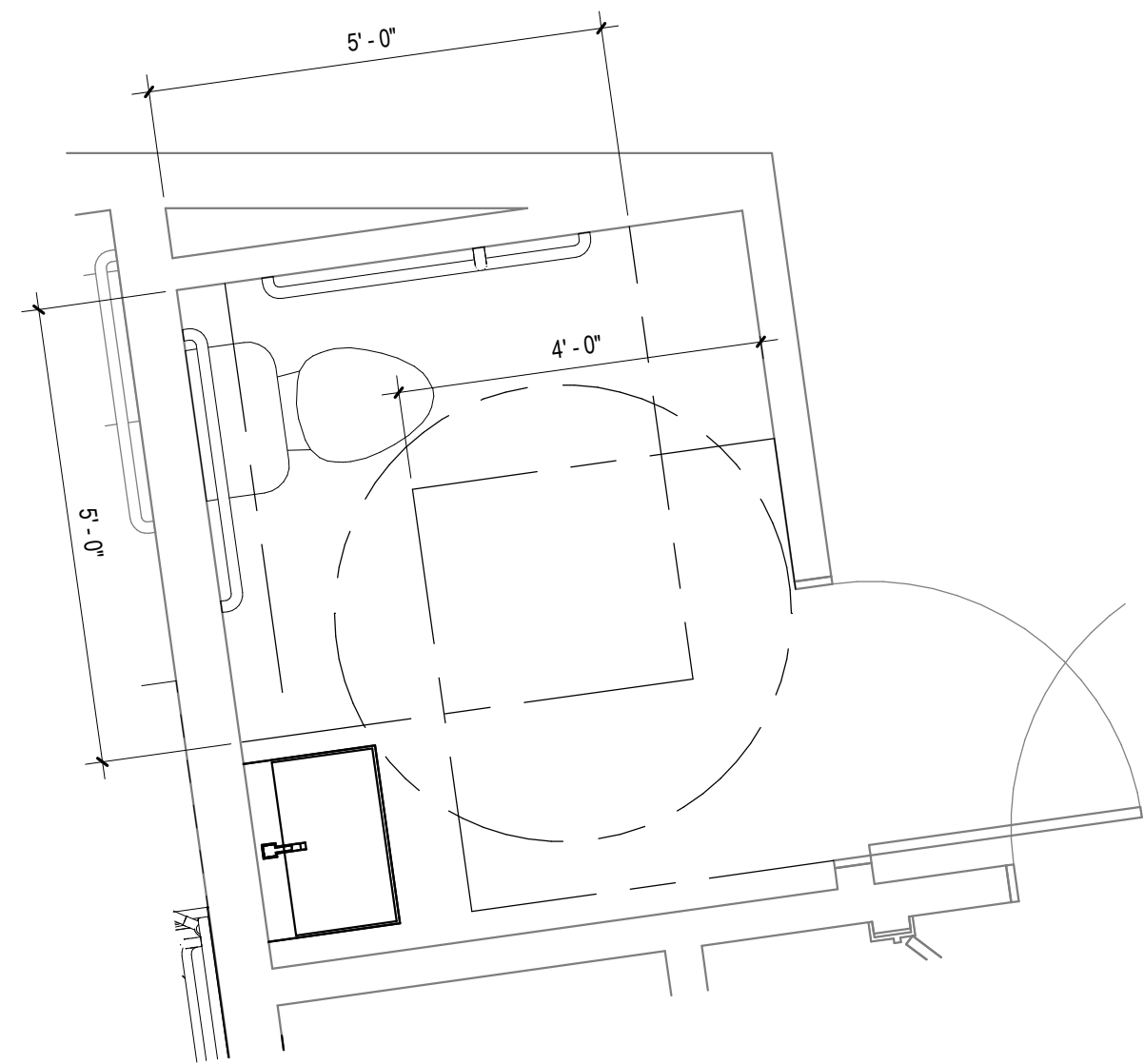
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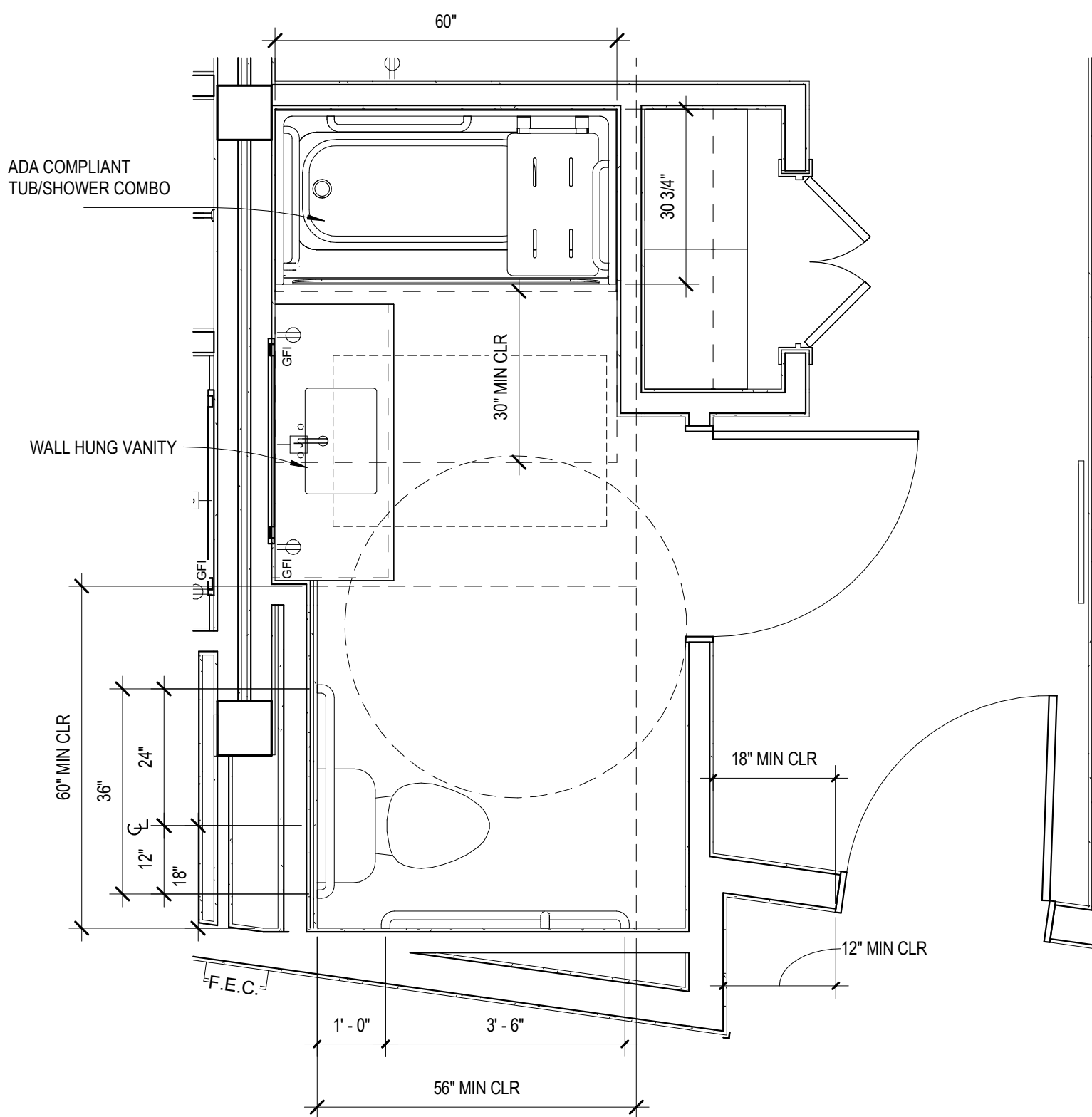
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No.	Description	Date



3 ENLARGED EMPLOYEE RESTROOM PLAN
1/2" = 1'-0"



2 ACCESSIBLE RESTROOM
1/2" = 1'-0"



1 LEVEL 4 - ENLARGED FLOOR PLAN
1/4" = 1'-0"

OWNER: HOS MANAGEMENT
PROJECT: COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS: 114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME: LEVEL 4 - ENLARGED FLOOR PLAN

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

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1 LEVEL 5 - ENLARGED FLOOR PLAN
1/4" = 1'-0"

SHEET NOTES - FLOOR PLAN

- ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD. JUNG
- RE: CODE AND OCCUPANCY PLANS FOR REQUIRED FIRE RATINGS AND SMOKE PARTITIONS.
- CONTRACTOR TO VERIFY ALL COLUMN AND ROOF DRAIN PURL OUTS IN FIELD PROVIDE BACKING AND/OR SUPPORTS AT ALL WALL MOUNTED CABINETRY, EQUIPMENT, FIXTURES, ETC.
- AT ALL WALLS WITH SOUND ATTENUATION, SEAL TOP OF WALL AT STRUCTURE AND BOTTOM OF WALL WITH SOUND SEALANT.
- AT ALL WALLS THAT EXTEND TO STRUCTURE, PROVIDE DEFLECTION TRACK. SEE WALL DETAILS FOR TYPICAL CONDITION.
- FOR ALL WET CONDITIONS, PROVIDE WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM BOARD.
- UNLESS NOTED OTHERWISE, ALL GWB WALLS SHALL HAVE 6" STUD FRAME RETURN AT ALL DOOR JAMBS.

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
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CONSULTANT:

REVISIONS

No.	Description	Date

OWNER: **HOS MANAGEMENT**
PROJECT: **COTTON SAIL HOTEL EXPANSION**
PROJECT ADDRESS: 114 W. BAY STREET SAVANNAH, GA 31401
SHEET NAME: **LEVEL 5 - ENLARGED FLOOR PLAN**

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
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ELEC PLAN - SHEET NOTES

- THIS PLAN IS CREATED TO AVOID CLUTTER ON OTHER PLANS. DIMENSIONS BETWEEN ELEMENTS MAY BE FOUND ON THIS PLAN. DIMENSIONS ARE TO CENTER OF OUTLET UNLESS OTHERWISE NOTED.
- CENTER OUTLETS ON ASSOCIATED PARTITION WHERE NO DIMENSION IS INDICATED.
- WHERE OUTLETS OCCUR ADJACENT TO DOOR, CENTER OUTLET 2" FROM OPENING UNLESS OTHERWISE NOTED.
- REFER TO ELECTRICAL, AUDIOVISUAL AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND SPECIFICATIONS.
- GANG ELECTRICAL AND DATA OUTLETS WHERE OCCURS AND CENTER TO DIMENSION INDICATED.
- MOUNT OUTLETS PER ELECTRICAL DRAWINGS UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.
- EXISTING OUTLETS TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE NEW FACEPLATES TO MATCH NEW CONSTRUCTION.

ELEC PLAN - LEGEND

- [J] NEW JUNCTION BOX
- [D] NEW DUPLEX OUTLET
- [D] GFI NEW GFI DUPLEX OUTLET
- [TV] NEW CABLE TV/DATA OUTLET
- [T] NEW TELEPHONE/DATA OUTLET
- [T] NEW THERMOSTAT

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
26.03	LIGHT GLASS STANDALONE LIGHT FIXTURE 48x48. RE: ELECTRICAL DRAWINGS
26.05	LIGHTED MIRROR. RE: ELECTRICAL
26.06	LIGHTED ADJUSTABLE MAKEUP MIRROR. RE: ELECTRICAL
26.07	POWER, CABLE TV AND DATA FOR FITNESS EQUIPMENT. RE: ELECTRICAL
26.08	DECORATIVE LIGHT FIXTURE. RE: ELECTRICAL
26.10	WALL MOUNTED TV. RE: ELECTRICAL



1 LEVEL 3 - ELECTRICAL PLAN
1/4" = 1'-0"

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No.	Description	Date

ELEC PLAN - SHEET NOTES

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- CENTER OUTLETS ON ASSOCIATED PARTITION WHERE NO DIMENSION INDICATED.
- WHERE OUTLETS OCCUR ADJACENT TO DOOR, CENTER OUTLET 2" FROM OPENING UNLESS OTHERWISE NOTED.
- REFER TO ELECTRICAL, AUDIOVISUAL AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND SPECIFICATIONS.
- GANG ELECTRICAL AND DATA OUTLETS WHERE OCCURS AND CENTER TO DIMENSION INDICATED.
- MOUNT OUTLETS PER ELECTRICAL DRAWINGS UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS. EXISTING OUTLETS TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE NEW FACEPLATES TO MATCH NEW CONSTRUCTION.
- NOTED OTHERWISE. PROVIDE NEW FACEPLATES TO MATCH NEW CONSTRUCTION.

ELEC PLAN - LEGEND

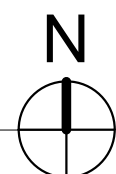
- [J] NEW JUNCTION BOX
- [D] NEW DUPLEX OUTLET
- [D] GFI NEW GFI DUPLEX OUTLET
- [TV] NEW CABLE TV/DATA OUTLET
- [T] NEW TELEPHONE/DATA OUTLET
- [T] NEW THERMOSTAT

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
26.05	LIGHTED MIRROR, RE: ELECTRICAL
26.06	LIGHTED ADJUSTABLE MAKEUP MIRROR, RE: ELECTRICAL
26.08	DECORATIVE LIGHT FIXTURE, RE: ELECTRICAL
26.10	WALL MOUNTED TV, RE: ELECTRICAL



1 | LEVEL 4 - ELECTRICAL PLAN
1/4" = 1'-0"



OWNER: HOS MANAGEMENT
PROJECT: COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS:
114 W. BAY STREET
SAVANNAH, GA 31401

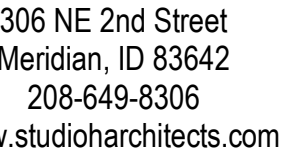
SHEET NAME:

LEVEL 4 - ELECTRICAL PLAN

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

SHEET

A1.22



VISIONS

[illegible]

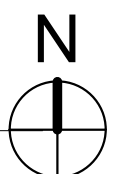
1. THIS PLAN IS CREATED TO AVOID CLUTTER ON OTHER PLANS. DIMENSIONS BETWEEN ELEMENTS MAY BE FOUND ON THIS PLAN. DIMENSIONS TO CENTER OF OUTLET UNLESS OTHERWISE NOTED.
2. CENTER OUTLETS ON ASSOCIATED PARTITION WHERE NO DIMENSION INDICATED.
3. WHERE OUTLETS OCCUR ADJACENT TO DOOR, CENTER OUTLET 9" FROM OPENING UNLESS OTHERWISE NOTED.
4. REFER TO ELECTRICAL, AUDIO/VISUAL AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND SPECIFICATIONS.
5. CHANGE ELECTRICAL AND DATA OUTLETS WHERE OCCURS AND CENTER TO DIMENSION INDICATED.
6. MOUNT OUTLETS PER ELECTRICAL DRAWINGS UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.
7. EXISTING OUTLETS TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE NEW FACEPLATES TO MATCH NEW CONSTRUCTION.

	NEW JUNCTION BOX
	NEW DUPLEX OUTLET
	NEW GFI DUPLEX OUTLET
	NEW CABLE TV/DATA OUTLET
	NEW TELEPHONE/DATA OUTLET
	NEW THERMOSTAT

NO.	KEYNOTE / REFERENCE NOTE
26.05	LIGHTED MIRROR, RE: ELECTRICAL
26.06	LIGHTED ADJUSTABLE MAKEUP MIRROR, RE: ELECTRICAL
26.10	WALL MOUNTED TV, RE: ELECTRICAL



1 LEVEL 5 - ELECTRICAL PLAN
1/4" = 1'-0"



HQS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS

114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME

LEVEL 5 - ELECTRICAL PLAN

PROJECT NUMBER	23-37
MEET ISSUE DATE	01/06/24
SUBMITTAL	ISSUE FOR PERMIT

EET

A1.23



1 LEVEL 3 - RCP
1/4" = 1'-0"

CEILING PLAN - SHEET NOTES

- COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL ITEMS TO BE PROVIDED AT THE CEILING PLANE AND IN THE WORK.
- CENTER ALL LIGHT FIXTURES AND SPRINKLER HEADS IN THEIR RESPECTIVE CEILING PANEL.
- INSTALL ALL SUSPENSION SYSTEMS FOR ACOUSTICAL PANEL CEILINGS PER SPECIFICATION C.I.S.C.A. RECOMMENDATIONS PER DIRECT HUNG ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS, SEISMIC DESIGN CATEGORY C. ALL SOFFIT DIMENSIONS SHOWN ARE TO FACE OF FINISH.
- SUSPENSION SYSTEMS FOR GYPSUM BOARD CEILINGS SHALL BE INSTALLED PER ASTM C754.

CEILING LEGEND

- GYPSUM BOARD CEILING ON METAL STUDS PAINTED PER FINISH SCHEDULE
- CHANDELIER CENTERED OVER BED; REMINGTON #14145
- SURFACE MOUNTED LIGHT FIXTURE; REMINGTON #14238
- WALL SCONCE LIGHT FIXTURE; REMINGTON #14666
- CHANDELIER TO REPLACE EXISTING; SHADES OF LIGHT KALINI CHANDELIER (CH23082 AB)
- CHANDELIER; REMINGTON #14876
- CHANDELIER; SHADES OF LIGHT BEADED DRAPE CURL CHANDELIER (CH18034 WH)
- CEILING PENDANT; SHADES OF LIGHT ROPE AND GLASS CYLINDER PENDANT (PE16003 CH)
- CEILING PENDANT; REMINGTON #14033.01
- RECESSED LED DOWNLIGHT
- WALL WASHING FIXTURE; FOCAL POINT FOCUS WALL WASH LED
- DAYLIGHT WINDOW FIXTURE; LIGHTGLASS STANDALONE

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
8.04	RECESSED CEILING ACCESS PANEL
9.02	DRAPERY SOFFIT
9.03	PROVIDE MOISTURE RESISTANT GYP. BD. INSIDE SHOWER AREA, TYP. ALL WET CONDITIONS
23.02	MECHANICAL EQUIPMENT
23.03	MECHANICAL GRILLE ON VERTICAL WALL, TYP. CWI FINISH COLOR W/ ARCHITECT
28.01	SECURITY CAMERA, CWI (E) SYSTEM FOR INTEGRATION



306 NE 2nd Street
Meridian, ID 83642
208-649-8306
www.studioharchitects.com

STAMP:



CONSULTANT:

REVISIONS

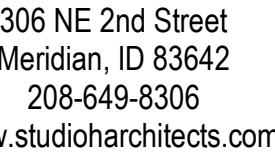
No.	Description	Date

OWNER: **HOS MANAGEMENT**
PROJECT: **COTTON SAIL HOTEL EXPANSION**
PROJECT ADDRESS: 114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME: **LEVEL 3 - REFLECTED CEILING PLAN**

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

SHEET

A1.31



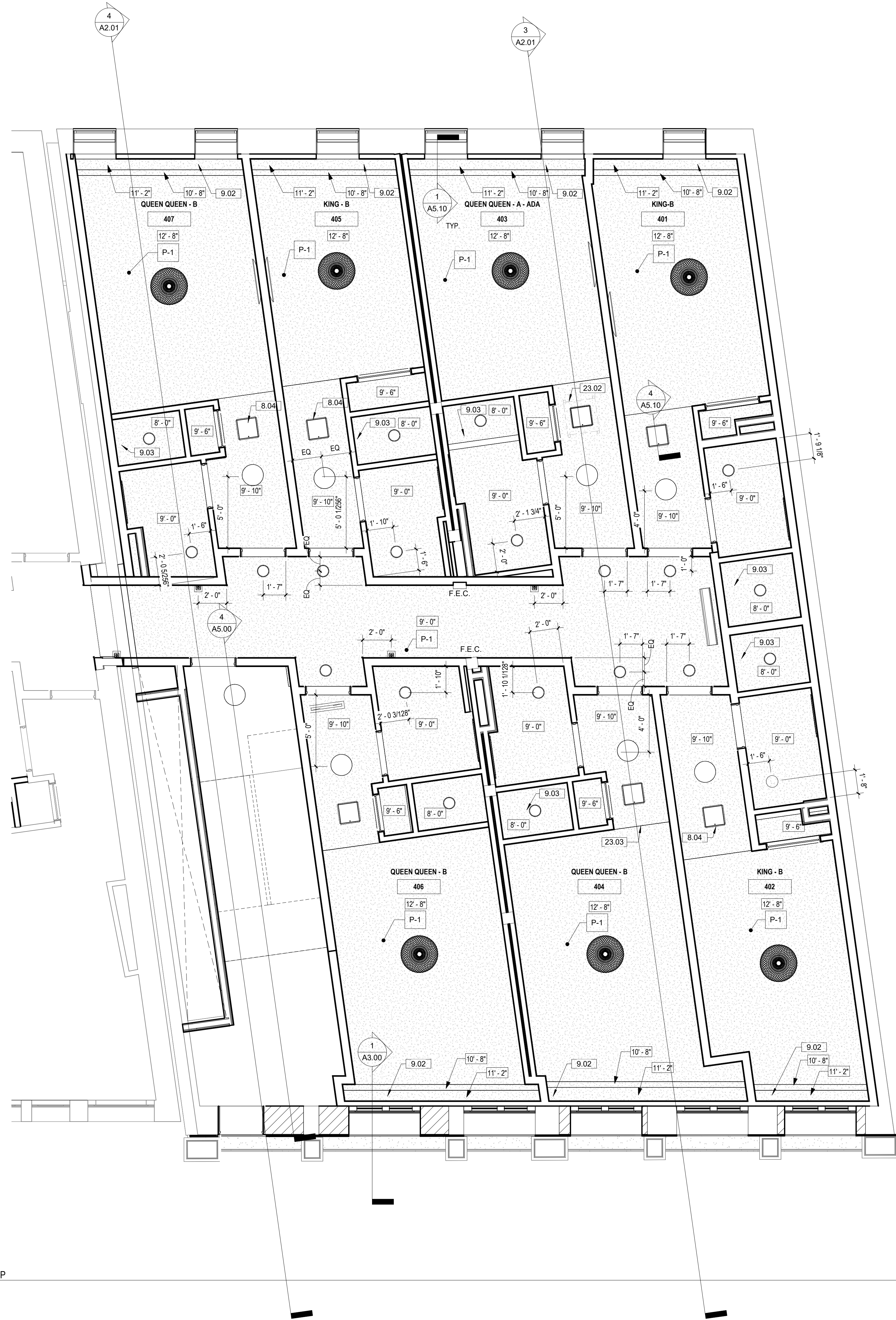
VISIONS

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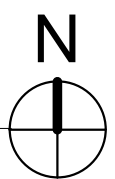
1. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL ITEMS TO BE PROVIDED AT THE CEILING PLANE AND IN THE WORK.
2. CENTER ALL LIGHT FIXTURES AND SPRINKLER HEADS IN THEIR RESPECTIVE CEILING PANEL.
3. INSTALL ALL SUSPENSION SYSTEMS FOR ACOUSTICAL PANEL CEILINGS PER SPECIFICATION C.I.S.C.A. RECOMMENDATIONS FOR DIRECT-HUNG ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS. SEISMIC DESIGN CATEGORY C. ALL SOFFIT DIMENSIONS SHOWN ARE TO FACE.
4. SUSPENSION SHALL BE SUSPENSION BOARD, CFI NGS, SHALL PER INSTA L/GFI

	GYPSUM BOARD CEILING ON METAL STUDS PAINTED PER FINISH SCHEDULE
	CHANDELIER CENTERED OVER BED; REMINGTON #14145
	SURFACE MOUNTED LIGHT FIXTURE; REMINGTON #14238
	WALL SCONCE LIGHT FIXTURE; REMINGTON #14666
	CHANDELIER TO REPLACE EXISTING SHADES OF LIGHT KALINI CHANDELIER (CH2082 AB)
	CHANDELIER; REMINGTON #14876
	CHANDELIER; SHADES OF LIGHT BEADED DRAPE CURL CHANDELIER (CH18043A WH)
	CEILING PENDANT; SHADES OF LIGHT ROPE AND GLASS CYLINDER PENDANT (PE16003 CH)
	CEILING PENDANT; REMINGTON #14033.01
	RECESSED LED DOWNLIGHT
	WALL WASHING FIXTURE; FOCAL POINT FOCUS WALL WASH LED
	DAYLIGHT WINDOW FIXTURE; LIGHTGLASS STANDALONE

NO.	KEYNOTE / REFERENCE NOTE
1.04	RECESSED CEILING ACCESS PANEL
1.02	DRAPPRY SOFFIT
1.03	PROVIDE MOISTURE RESISTANT GYP. BD. INSIDE SHOWER AREA, TYP ALL WET CONDITIONS
1.02	MECHANICAL EQUIPMENT.
1.03	MECHANICAL GRILLE ON VERTICAL WALL, TYP. CWI/ FINISH COLOR W/ ARCHITECT



1 | LEVEL 4 - RCP
1/4" = 1'-0"



HQS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
LEVEL 4 - REFLECTED CEILING PLAN

PROJECT NUMBER	23-37
MEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERM

EET

A1.32

STAMP:



CONSULTANT:

REVISIONS

No.	Description	Date

CEILING PLAN - SHEET NOTES

- COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL ITEMS TO BE PROVIDED AT THE CEILING PLANE AND IN THE WORK.
- CENTER ALL LIGHT FIXTURES AND SPRINKLER HEADS IN THEIR RESPECTIVE CEILING PANEL.
- INSTALL ALL SUSPENSION SYSTEMS FOR ACOUSTICAL PANEL CEILINGS PER SPECIFICATION C.I.S.C.A. RECOMMENDATIONS PER DIRECT HUNG ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS. SEISMIC DESIGN CATEGORY C. ALL SOFFIT DIMENSIONS SHOWN ARE TO FACE OF FINISH.
- SUSPENSION SYSTEMS FOR GYPSUM BOARD CEILINGS SHALL BE INSTALLED PER ASTM C754.

CEILING LEGEND

- GYPSUM BOARD CEILING ON METAL STUDS PAINTED PER FINISH SCHEDULE
- CHANDELIER CENTERED OVER BED; REMINGTON #14145
- SURFACE MOUNTED LIGHT FIXTURE; REMINGTON #14238
- WALL SCONCE LIGHT FIXTURE; REMINGTON #14666
- CHANDELIER TO REPLACE EXISTING; SHADES OF LIGHT KALINI CHANDELIER (CH23082 AB)
- CHANDELIER; REMINGTON #14876
- CHANDELIER; SHADES OF LIGHT BEADED DRAPE CURL CHANDELIER (CH1803A WH)
- CEILING PENDANT; SHADES OF LIGHT ROPE AND GLASS CYLINDER PENDANT (PE16003 CH)
- CEILING PENDANT; REMINGTON #14033.01
- RECESSED LED DOWNLIGHT
- WALL WASHING FIXTURE; FOCAL POINT FOCUS WALL WASH LED
- DAYLIGHT WINDOW FIXTURE; LIGHTGLASS STANDALONE

KEYNOTE LEGEND

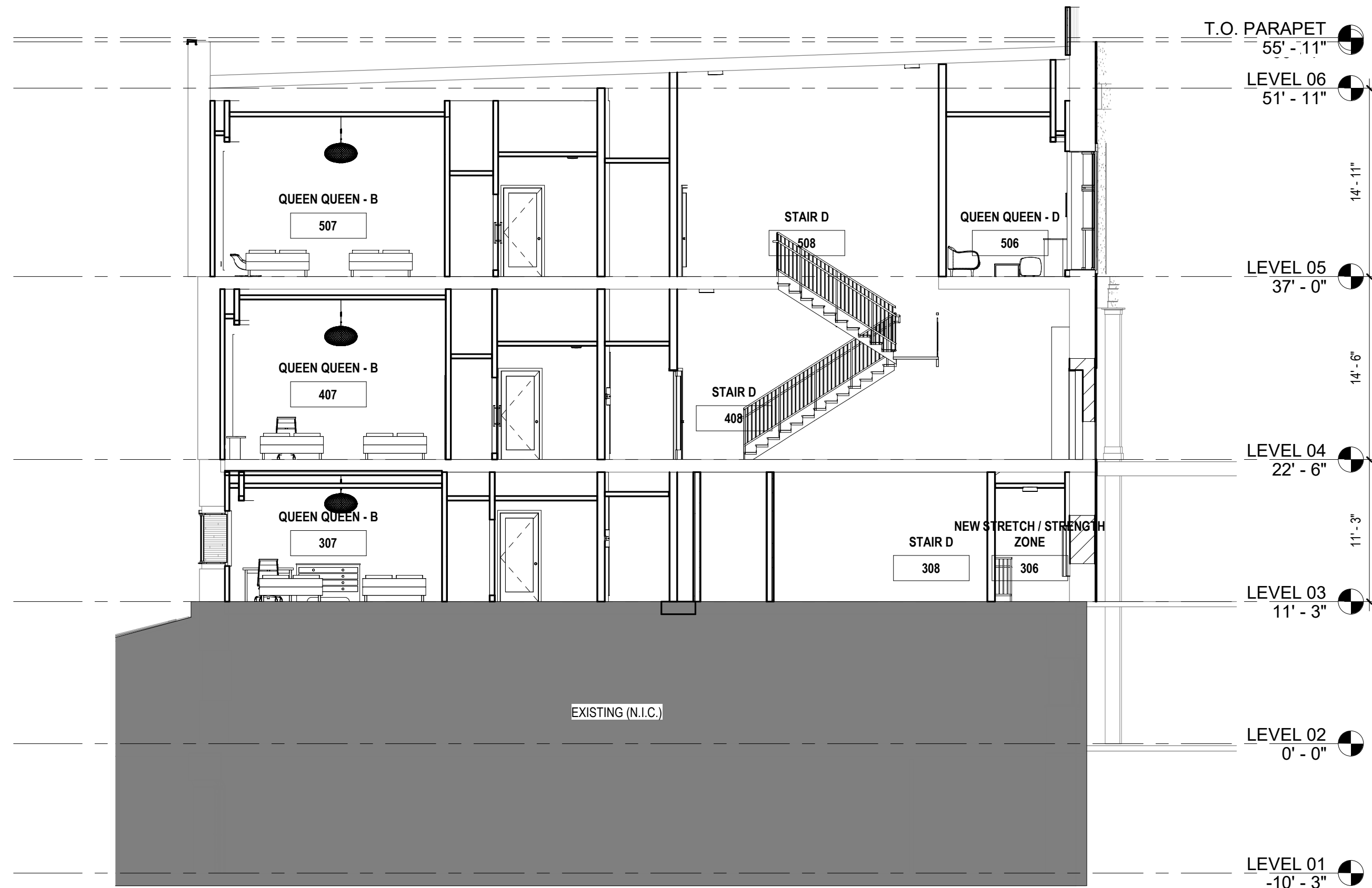
NO.	KEYNOTE / REFERENCE NOTE
8.04	RECESSED CEILING ACCESS PANEL
9.02	DRAPERY SOFFIT
9.03	PROVIDE MOISTURE RESISTANT GYP. BD. INSIDE SHOWER AREA, TYP ALL WET CONDITIONS
23.02	MECHANICAL EQUIPMENT
23.03	MECHANICAL GRILLE ON VERTICAL WALL, TYP. CW FINISH COLOR W/ ARCHITECT



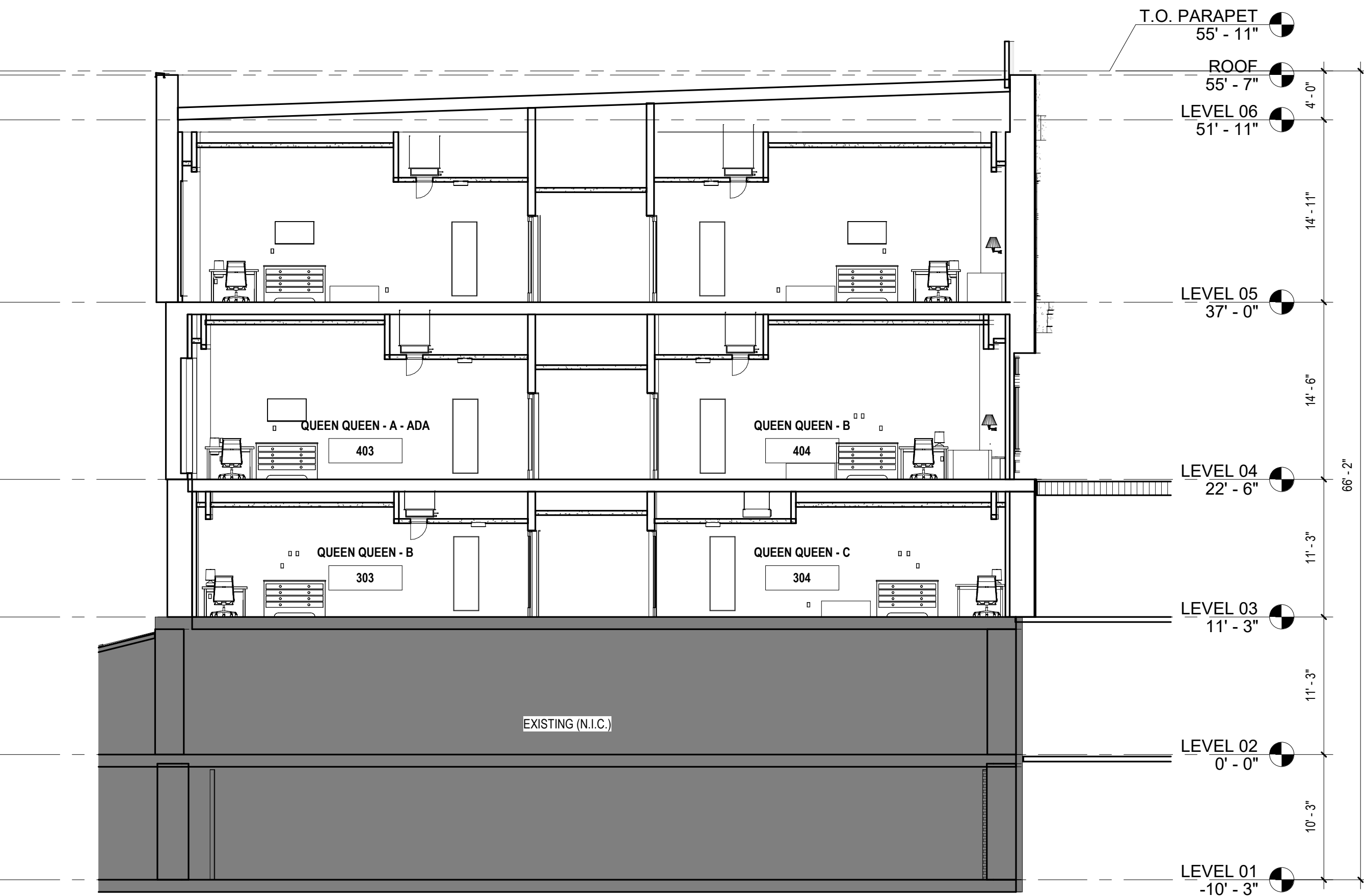
1 LEVEL 5 - RCP
1/4" = 1'-0"

SHEET

A1.33



4 BUILDING SECTION AT STAIRS
1/8" = 1'-0"



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



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



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

KEYNOTE LEGEND	
NO.	KEYNOTE / REFERENCE NOTE
2.36	(E) COLUMN, REPAINT TO MATCH ADJACENT COLUMNS
2.37	(E) CORNICE, PATCH AND REPAIR TO MATCH ADJACENT
2.38	REPAIR (E) STUCCO WITH EARLY TWENTIETH CENTURY PORTLAND CEMENT STUCCO MIX: 1 PART PORTLAND CEMENT, 2-1/2 PARTS SAND HYDRATED LIME = TO NOT MORE THAN 15% OF THE CEMENTS VOLUMIN WATER TO FORM A WORKABLE MIX, COLOR TINT TO MATCH EXISTING HISTORICAL COLOR
2.39	(E) DOWNSPOUT TO REMAIN, TOUCH UP PAINT AS NEEDED
3.01	POLISH (E) CONCRETE AND PROVIDE SEALER FINISH
5.02	CENTRIA STANDING SEAM METAL PANEL, TO MATCH EXISTING
5.03	PREFINISHED METAL COPING TO MATCH EXISTING ADJACENT COPING
8.01	WOOD STOREFRONT, SINGLE PANE GLAZING
8.02	WOOD WINDOW TO INFILL EXISTING OPENING
8.03	HW DOOR AND FRAME, PAINTED TO MATCH ADJACENT WALL COLOR



STAMP:



CONSULTANT:

REVISIONS

No.	Description	Date

OWNER: **HOS MANAGEMENT**
PROJECT: **COTTON SAIL HOTEL EXPANSION**
PROJECT ADDRESS: 114 W. BAY STREET, SAVANNAH, GA 31401
SHEET NAME: **EXTERIOR ELEVATIONS & BUILDING SECTIONS**

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

SHEET

A2.01

STAMP:

STATE OF GEORGIA



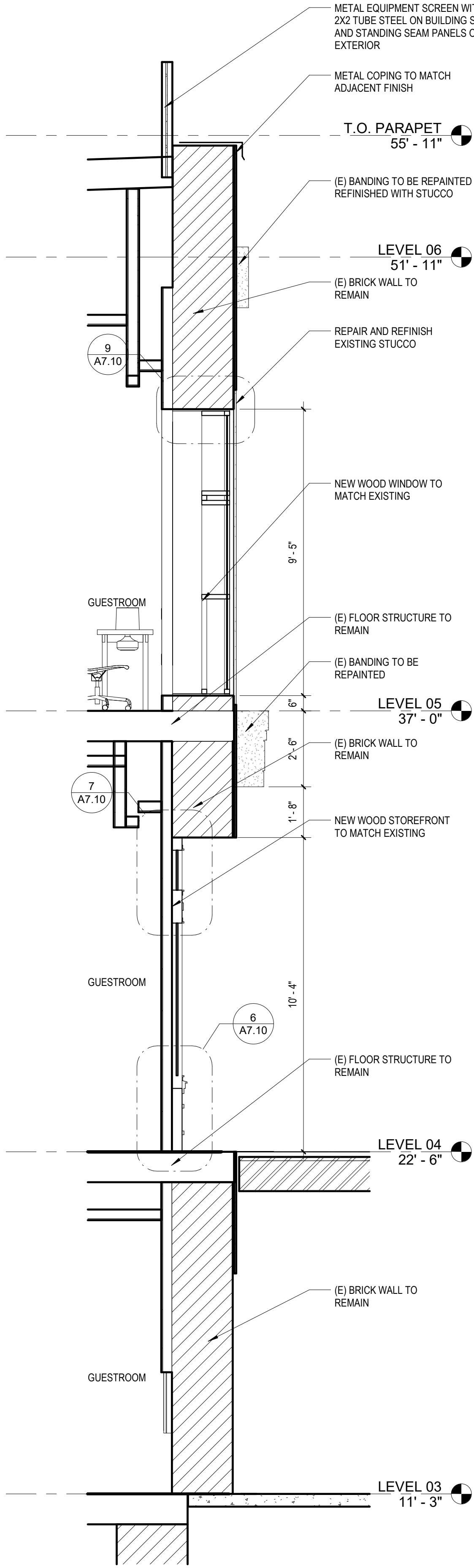
JESSICA
HEGGIE

CERTIFICATE NO. RA01179
REGISTERED ARCHITECT

CONSULTANT:

REVISIONS

No.	Description	Date



1 WALL SECTION THRU WINDOWS
3/8" = 1'-0"

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
WALL SECTIONS

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

STAMP:



CONSULTANT:

REVISIONS

No.	Description	Date

SHEET NOTES - FLOOR PLAN

- ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD. JNG
- RE. CODE AND OCCUPANCY PLANS FOR REQUIRED FIRE RATINGS AND SMOKE PARTITIONS
- CONTRACTOR TO VERIFY ALL COLUMN AND ROOF DRAIN PURR OUTS IN FIELD PROVIDE BACKING AND/OR SUPPORTS AT ALL WALL MOUNTED CABINETRY, EQUIPMENT, FIXTURES, ETC.
- AT ALL WALLS WITH SOUND ATTENUATION, SEAL TOP OF WALL AT STRUCTURE AND BOTTOM OF WALL WITH SOUND SEALANT.
- AT ALL WALLS THAT EXTEND TO STRUCTURE, PROVIDE DEFLECTION TRACK. SEE WALL DETAILS FOR TYPICAL CONDITION.
- FOR ALL WET CONDITIONS, PROVIDE WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM BOARD.
- UNLESS NOTED OTHERWISE, ALL GWB WALLS SHALL HAVE 8" STUD FRAME RETURN AT ALL DOOR JAMBS.

ELEC PLAN - SHEET NOTES

- THIS PLAN IS CREATED TO AVOID CLUTTER ON OTHER PLANS. DIMENSIONS BETWEEN ELEMENTS MAY BE FOUND ON THIS PLAN. DIMENSIONS ARE TO CENTER OF OUTLET UNLESS OTHERWISE NOTED. CENTER OUTLETS ON ASSOCIATED PARTITION WHERE NO DIMENSION INDICATED.
- WHERE OUTLETS OCCUR ADJACENT TO DOOR, CENTER OUTLET 9" FROM OPENING UNLESS OTHERWISE NOTED.
- REFER TO ELECTRICAL, AUDIO/VISUAL AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND SPECIFICATIONS. GANG ELECTRICAL AND DATA OUTLETS WHERE OCCURS AND CENTER TO DIMENSION INDICATED.
- MOUNT OUTLETS PER ELECTRICAL DRAWINGS UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.
- EXISTING OUTLETS TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE NEW FACEPLATES TO MATCH NEW CONSTRUCTION.

CEILING PLAN - SHEET NOTES

- COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL ITEMS TO BE PROVIDED AT THE CEILING PLANE AND IN THE WORK.
- CENTER ALL LIGHT FIXTURES AND SPRINKLER HEADS IN THEIR RESPECTIVE CEILING PANEL.
- INSTALL ALL SUSPENSION SYSTEMS FOR ACOUSTICAL PANEL CEILINGS PER SPECIFICATION C.I.S.C.A. RECOMMENDATIONS PER DIRECT-HUNG ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS. SEISMIC DESIGN CATEGORY C. ALL SCOFF DIMENSIONS SHOWN ARE TO FACE OF FINISH.
- SUSPENSION SYSTEMS FOR GYPSUM BOARD CEILINGS SHALL BE INSTALLED PER ASTM C754.

CEILING LEGEND

- GYPSUM BOARD CEILING ON METAL STUDS PAINTED PER FINISH SCHEDULE
- CHANDELIER CENTERED OVER BED; REMINGTON #14145
- SURFACE MOUNTED LIGHT FIXTURE; REMINGTON #14238
- WALL SCONCE LIGHT FIXTURE; REMINGTON #14666
- CHANDELIER TO REPLACE EXISTING, SHADES OF LIGHT KALINI CHANDELIER (CH23032 AB)
- CHANDELIER; REMINGTON #14676
- CHANDELIER, SHADES OF LIGHT BEADED DRAPE CURL; CHANDELIER (CH18043A WH)
- CEILING PENDANT, SHADES OF LIGHT ROPE AND GLASS CYLINDER PENDANT (PE16003 CH)
- CEILING PENDANT; REMINGTON #14033.01
- RECESSED LED DOWNLIGHT
- WALL WASHING FIXTURE, FOCAL POINT FOCUS WALL WASH LED
- DAYLIGHT WINDOW FIXTURE, LIGHT/GLASS STANDALONE

ELEC PLAN - LEGEND

- NEW JUNCTION BOX
- NEW DUPLEX OUTLET
- NEW GFI DUPLEX OUTLET
- NEW CABLE TV/DATA OUTLET
- NEW TELEPHONE/DATA OUTLET
- NEW THERMOSTAT

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
2.25	(E) ATM TO REMAIN, PROTECT IN PLACE
2.30	(E) BRICK WALL AND OPENINGS TO REMAIN, PRESERVE AND PROTECT
2.46	(E) STOREFRONT DOORS WITH AUTOMATIC DOOR SENSOR
5.01	MOZ LASER CUT PANELS, STYLE TBD
6.01	MODULAR ARTS WALL PANEL, STYLE TBD
6.02	DISTRESSED WOOD SLAT WALL, STYLE TBD
11.01	CEILING MOUNT FOR RELOCATED TV
11.02	RELOCATED BEVERAGE COOLER
22.07	PLUMBING STUB OUT FOR COFFEE MAKER, RE. PLUMBING DWGS.

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

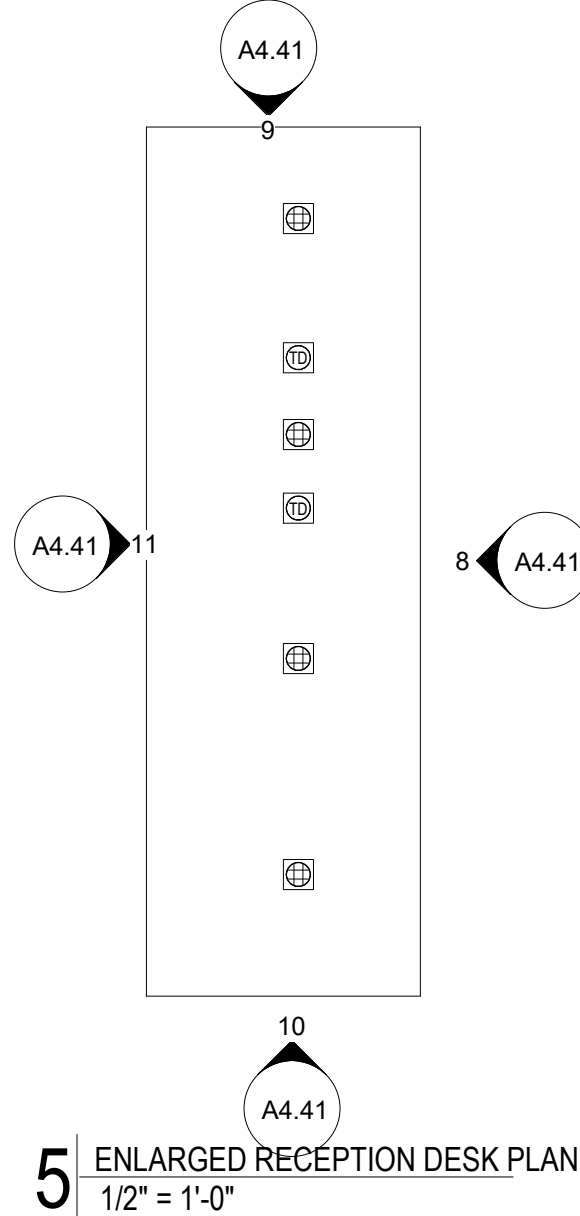
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
ENLARGED LOBBY PLANS

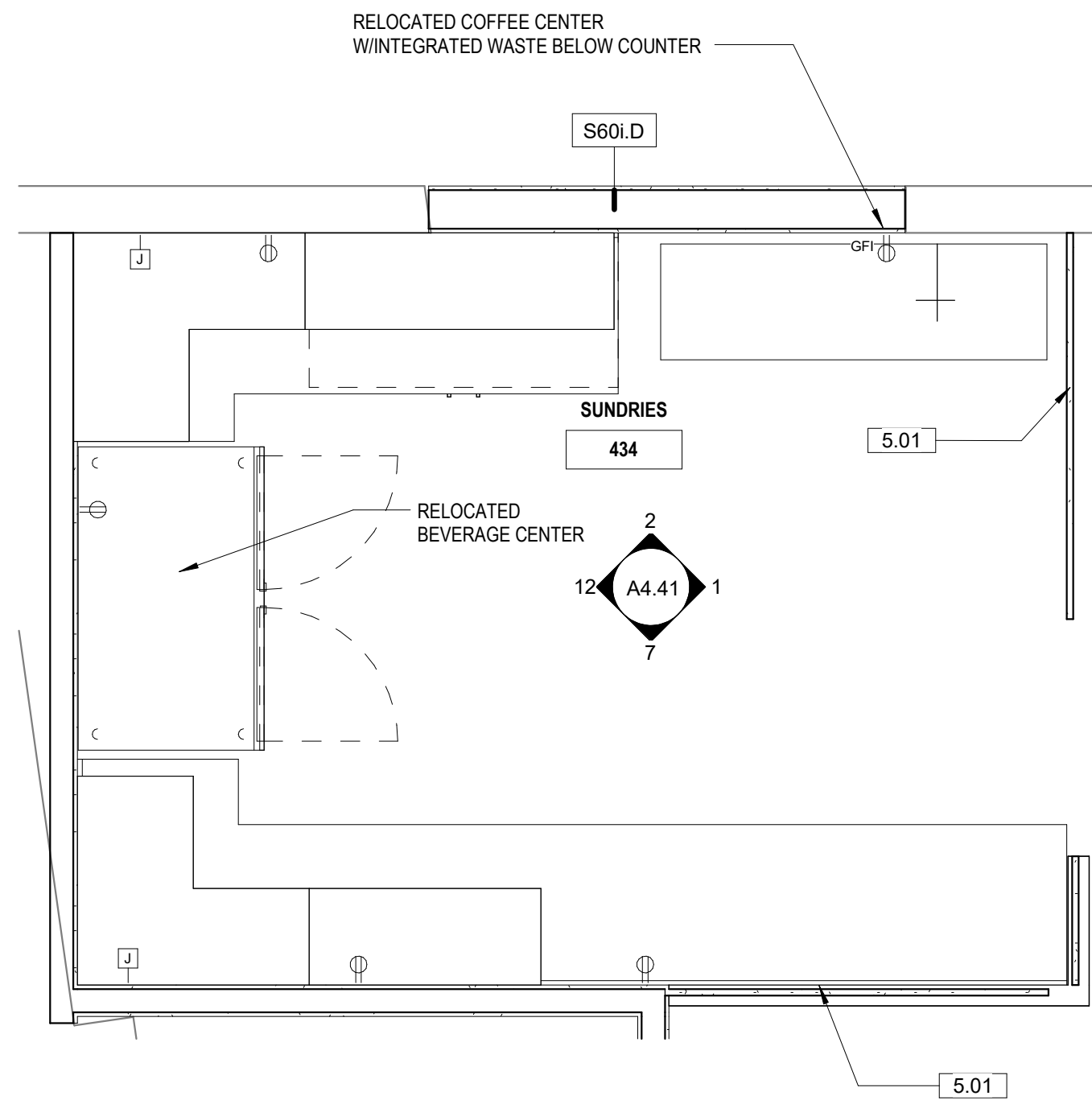
PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

SHEET

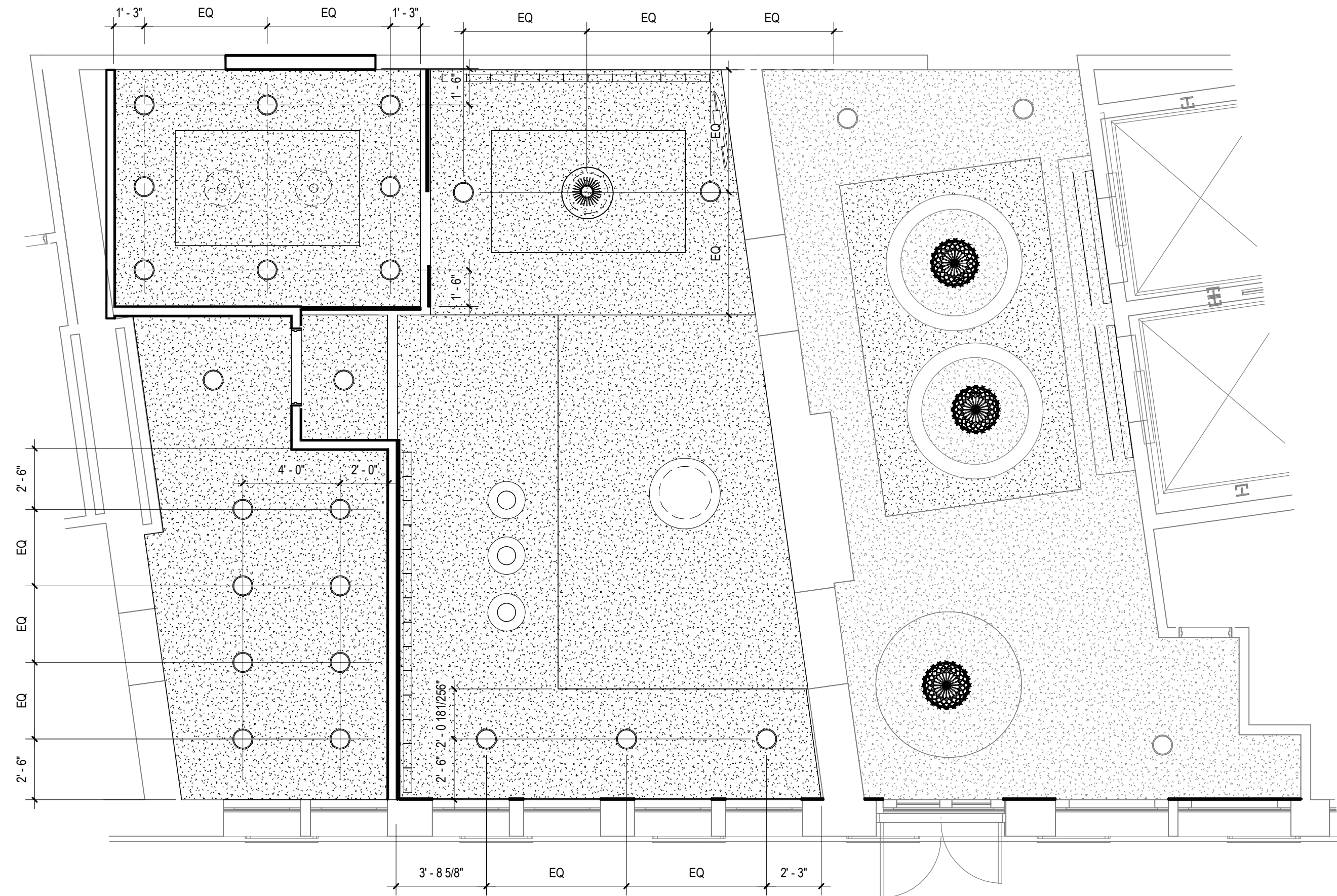
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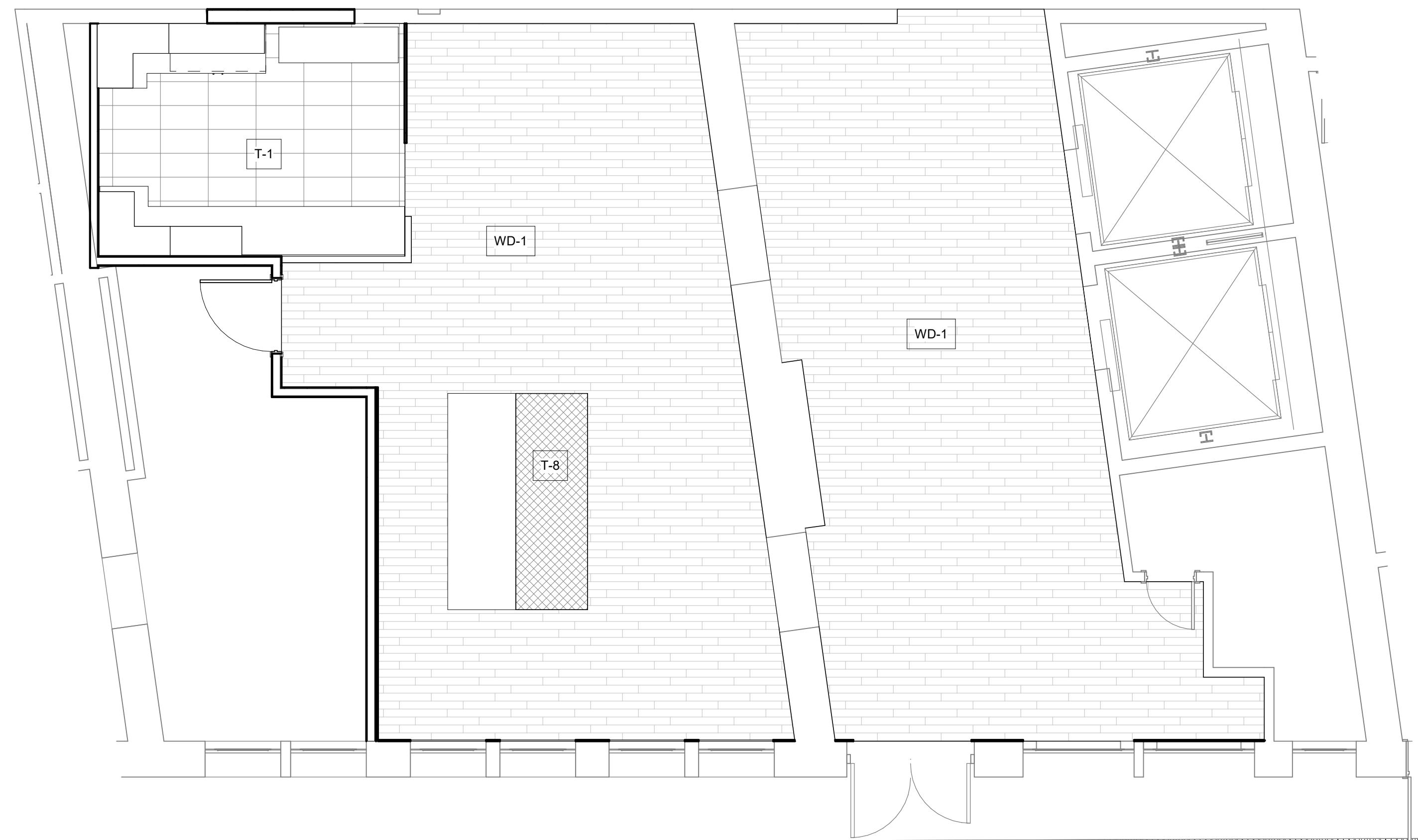
5 ENLARGED RECEPTION DESK PLAN
1/2" = 1'-0"



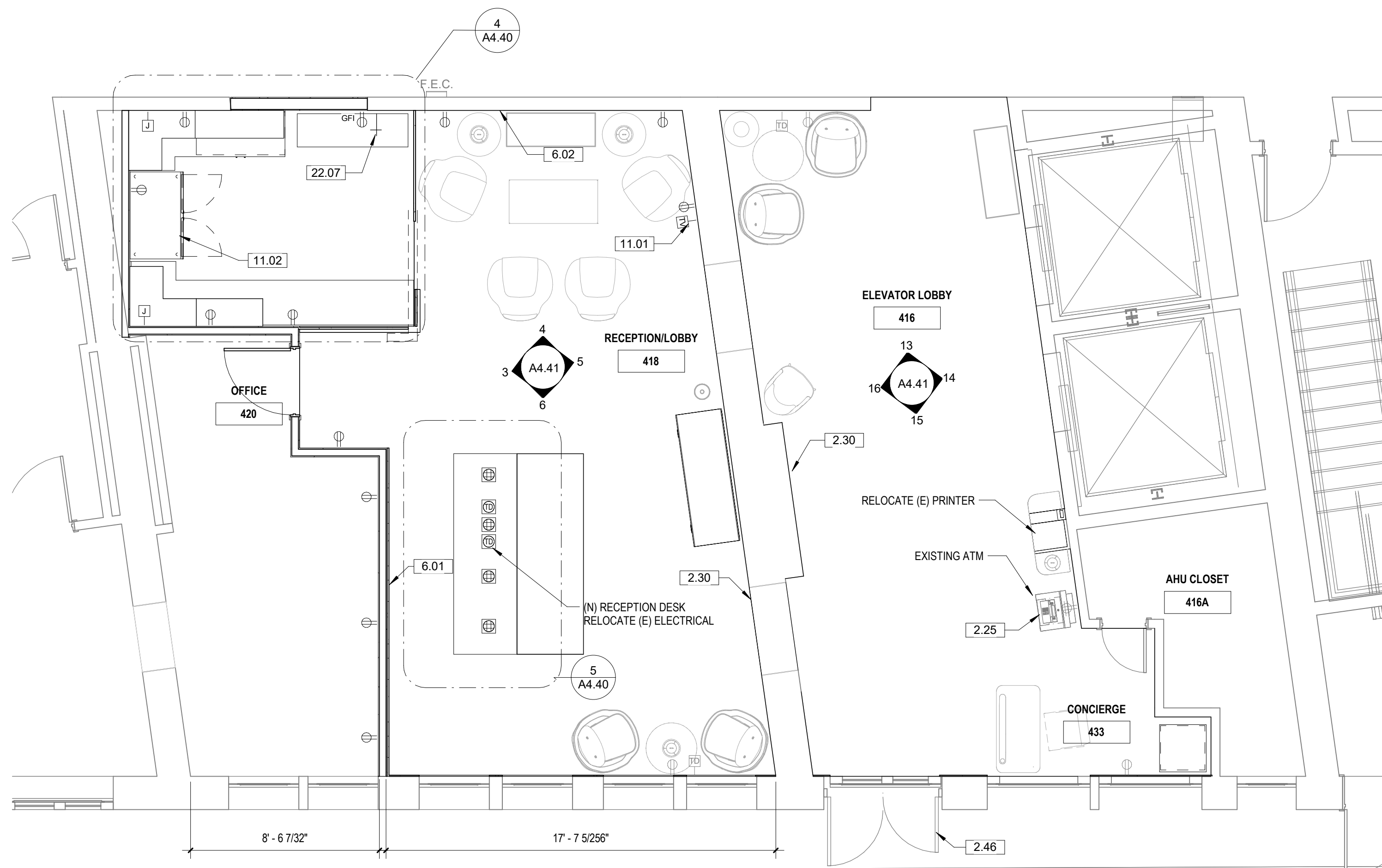
4 ENLARGED SUNDRIES PLAN
1/2" = 1'-0"



3 ENLARGED LOBBY AND SUNDRIES - RCP
1/4" = 1'-0"



2 LOBBY FINISH PLAN
1/4" = 1'-0"



1a ENLARGED LOBBY PLANS
1/4" = 1'-0"

SHEET NOTES - FLOOR PLAN

1. ALL DIMENSIONS ARE TO STRUCTURAL
GRID. FACE OF MASONRY/CONCRETE. C.
FACE OF STUD UNO.
2. REPAIR AND OCCUPANCY PLANS FOR
REQUIRED FIRE RATINGS AND SMOKE
PARTITIONS.
3. CONTRACTOR TO VERIFY ALL COLUMN
AND ROOF DRAIN PURL OUTS IN FIELD
PROVIDE SINKING AND DRAIN TO ALL
WALL MOUNTED CABINERY.
EQUIPMENT, FIXTURES, ETC.
5. AT ALL WALLS WITH SOUND
ATTENUATION, SEAL TOP OF WALL AT
STRUCTURE AND BOTTOM OF WALL WITH
SOUND SEALANT.
6. AT ALL WALLS THAT EXTEND TO
STRUCTURE, PROVIDE DEFLECTION
TRACK. SEE WALL DETAILS FOR TYPICAL
CONDITION.
7. FOR ALL WET CONDITIONS, PROVIDE
WATER RESISTANT BACKER BOARD IN
LIEU OF GYPSUM BOARD.
8. UNLESS NOTED OTHERWISE, ALL GWB
WALL HAVE 8" STUD FRAME
RETURN AT ALL DOOR JAMBS.

KEYNOTE LEGEND

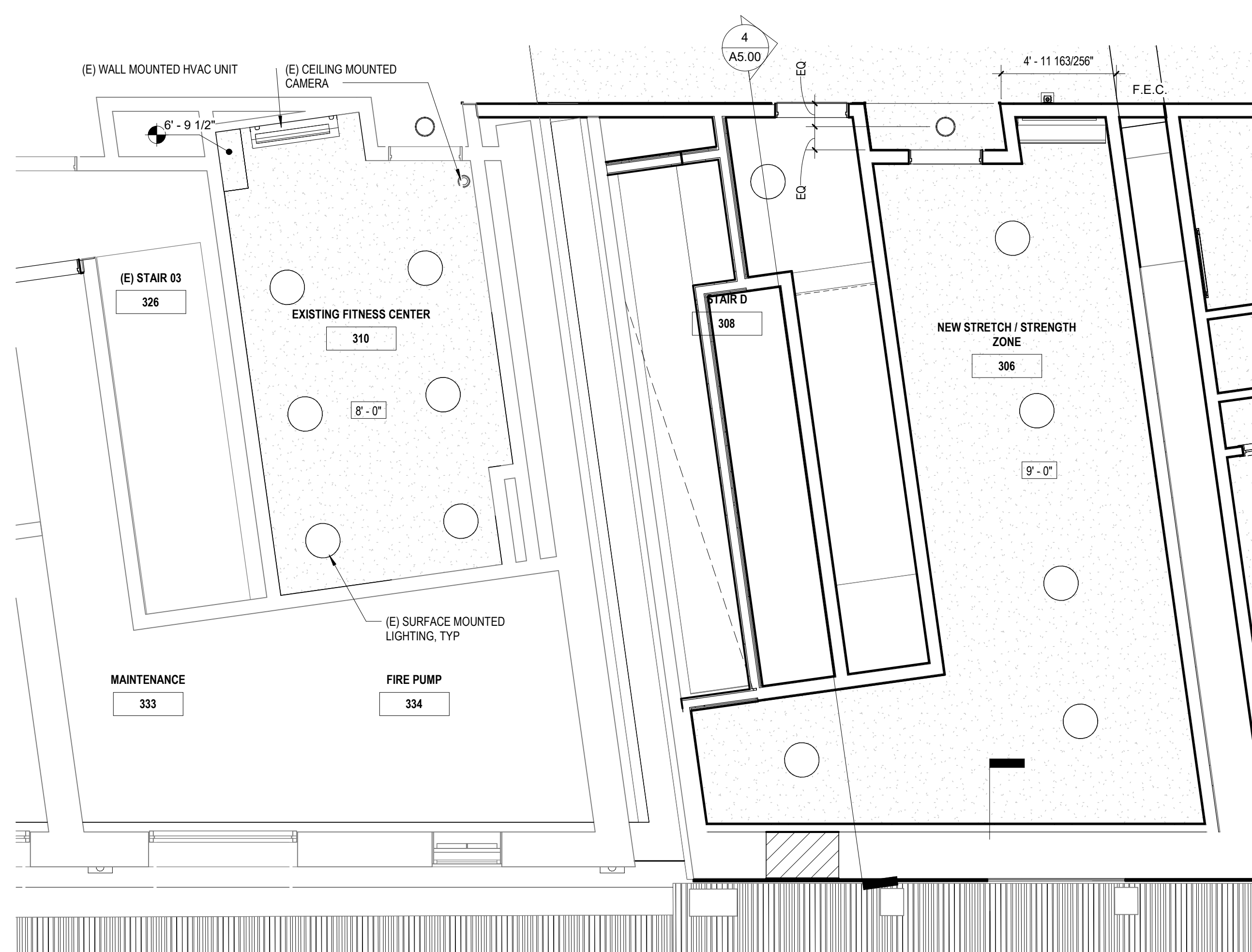
NO.	KEYNOTE / REFERENCE NOTE
26.03	LIGHTGLASS STANDALONE LIGHT FIXTURE 48x48 RE: ELECTRICAL DRAWINGS

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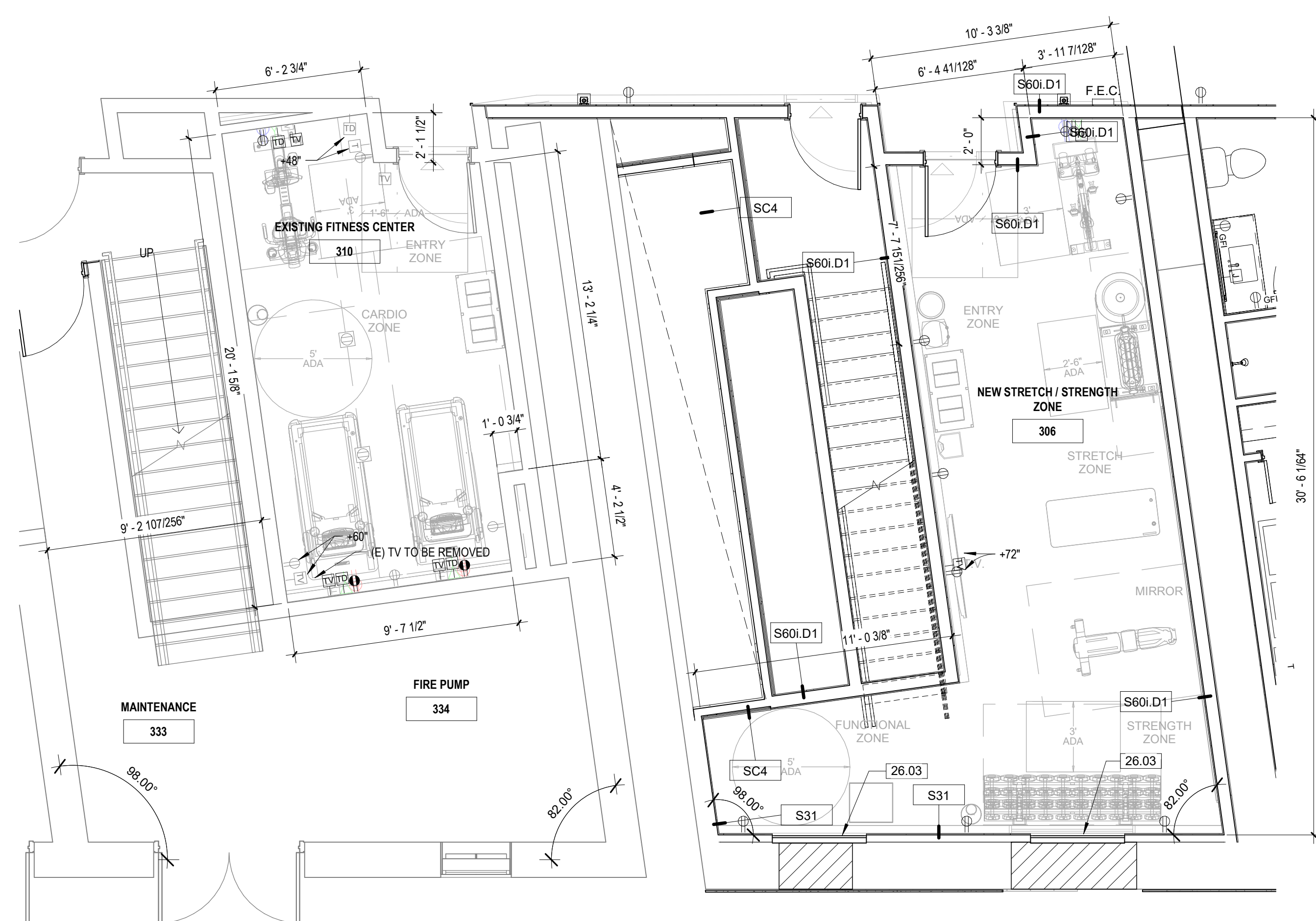
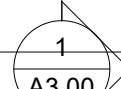


CONSULTANT

REVISIONS

[illegible]

2 | RCP FITNESS CENTER
1/4" = 1'-0"



1 FITNESS CENTER FLOOR PLANS

1	1/4" = 1'-0"
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OWNER HOS MANAGEMENT

PROJECT COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS

114 W RAY STREET

SHEET NAME
ENLARGED FITNESS CENTER

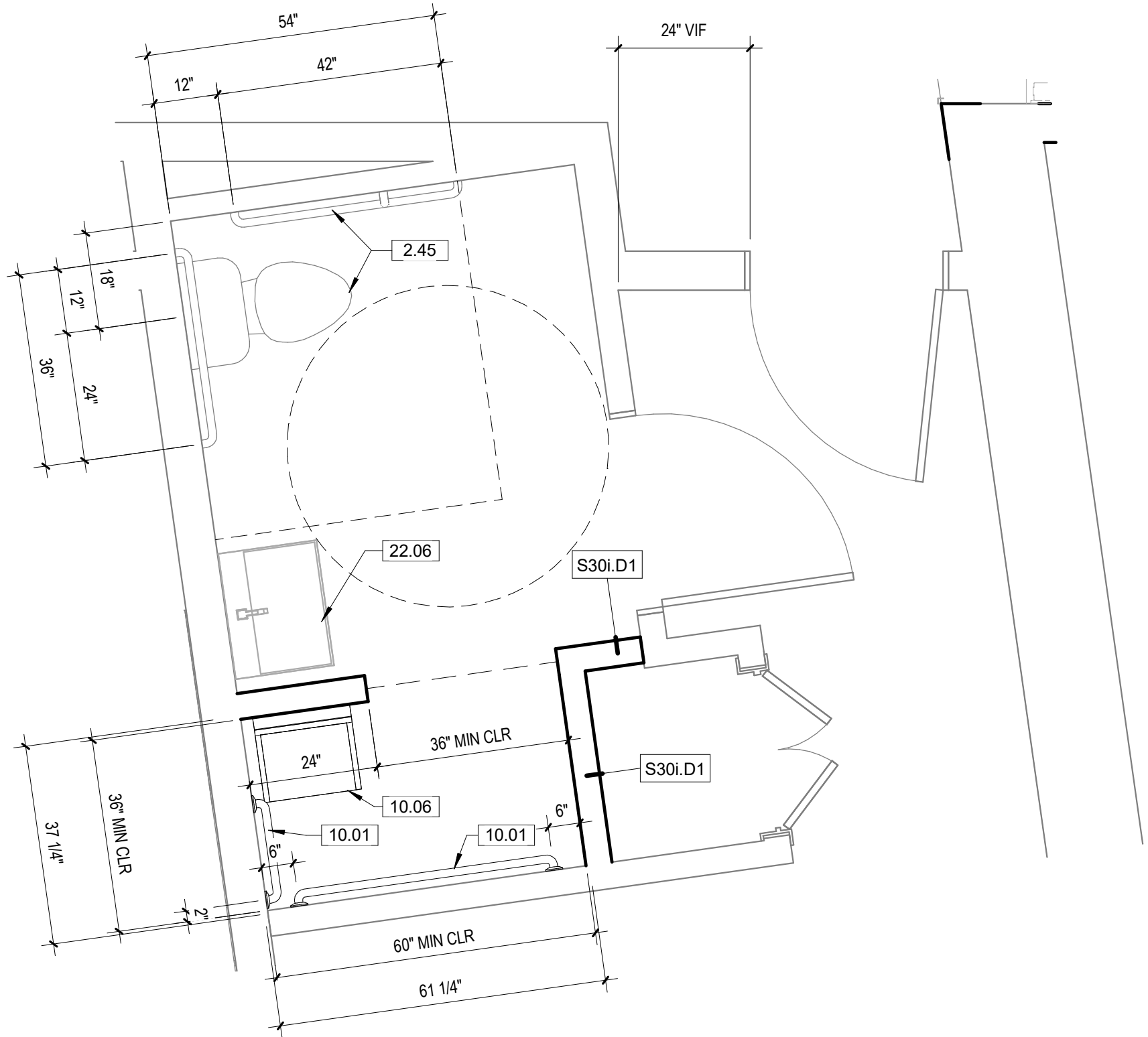
PROJECT NUMBER | 23-37

SHEET ISSUE DATE	01/05
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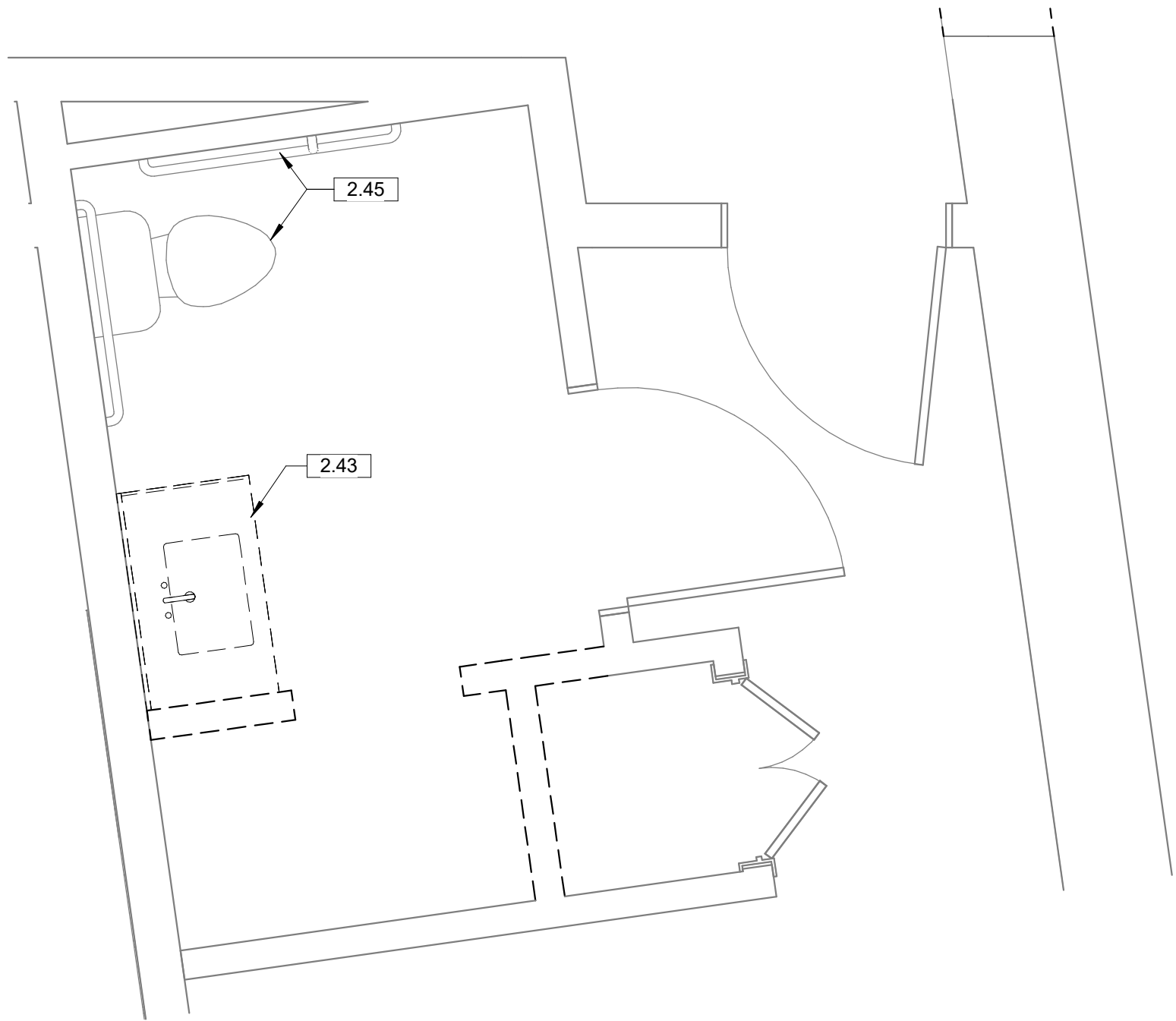
SUBMITTAL	ISSUE FOR PERMIT
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SHEE

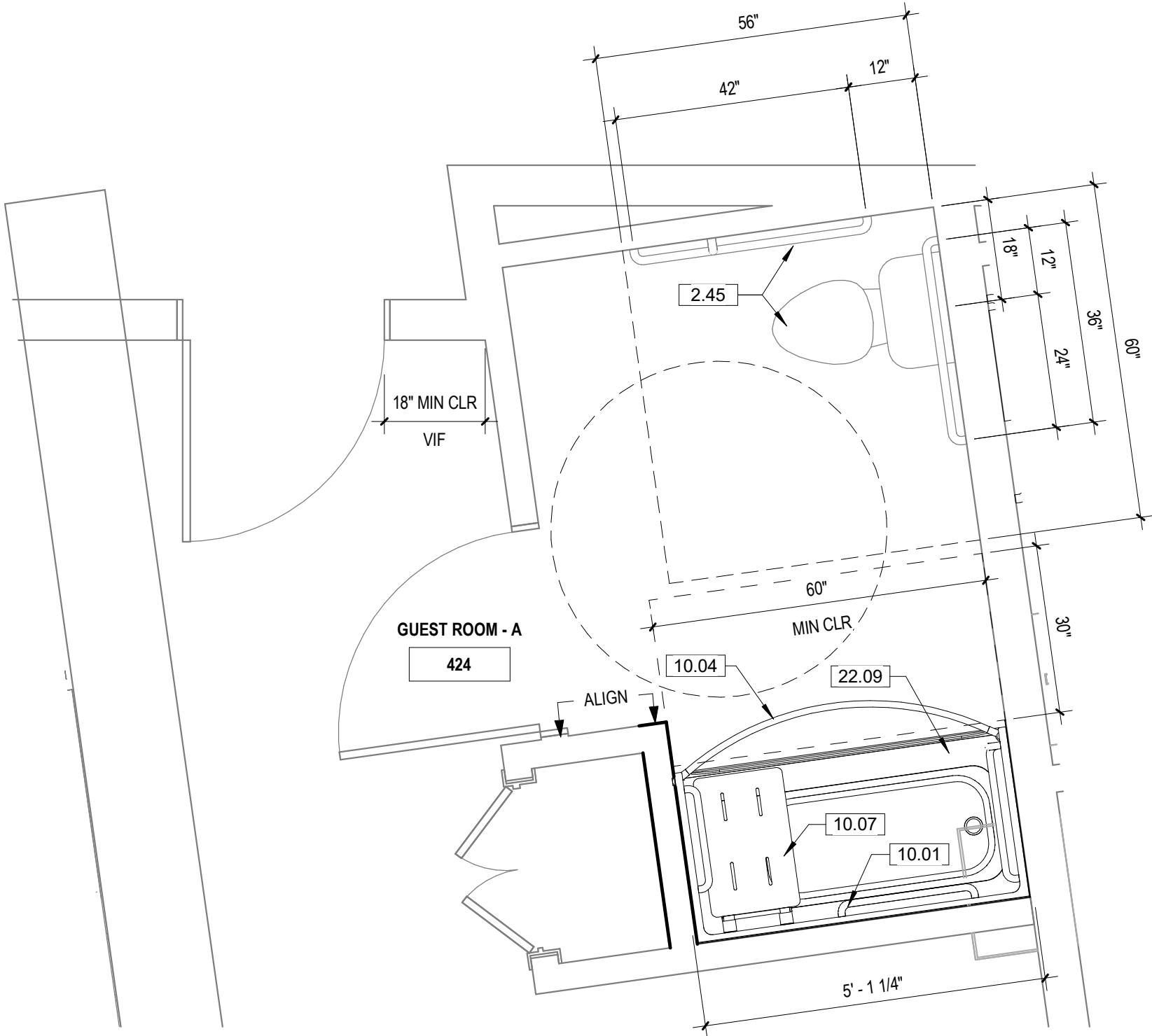
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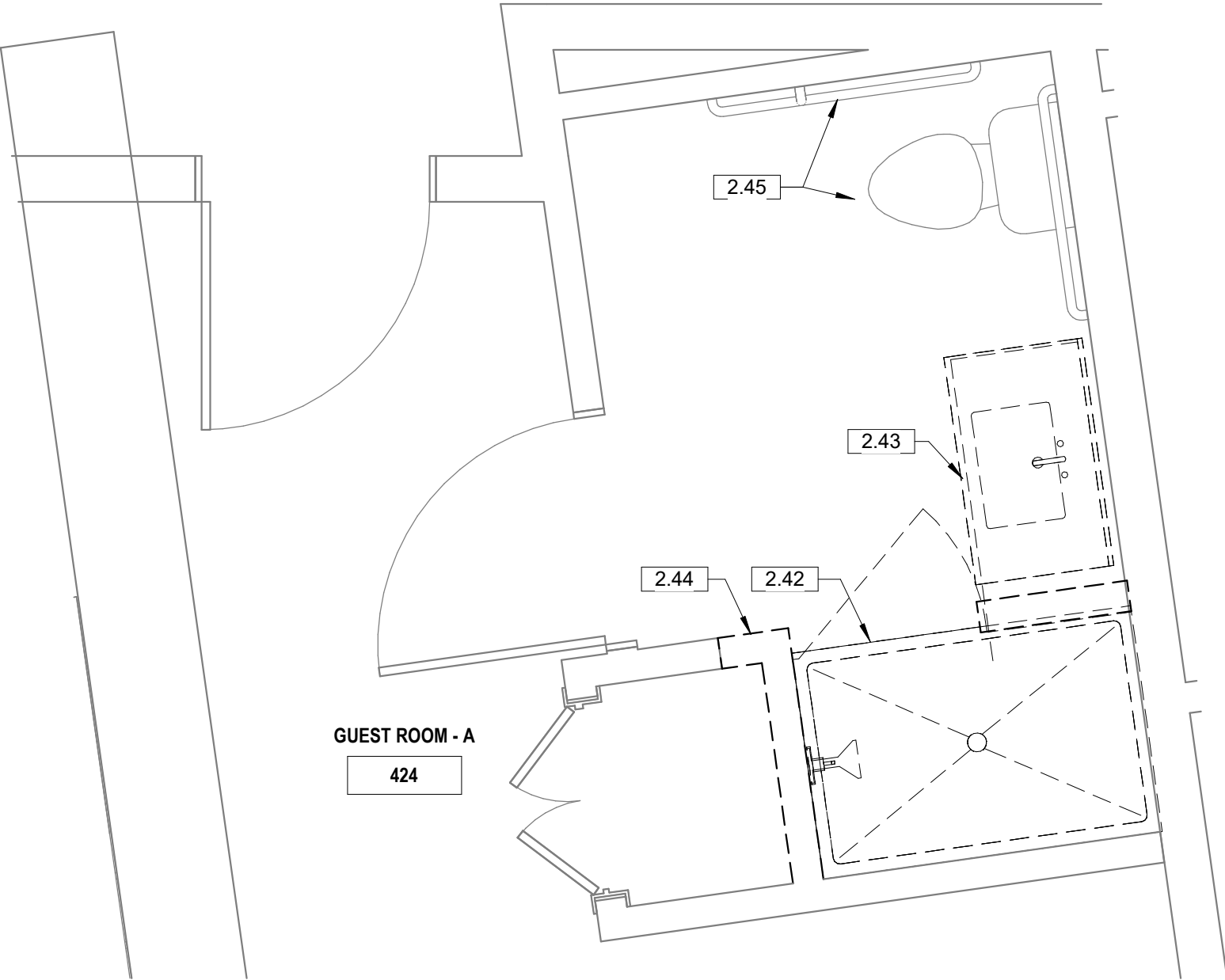
5 | GUESTROOM 410 UPGRADE FLOOR PLAN
1/2" = 1'-0"



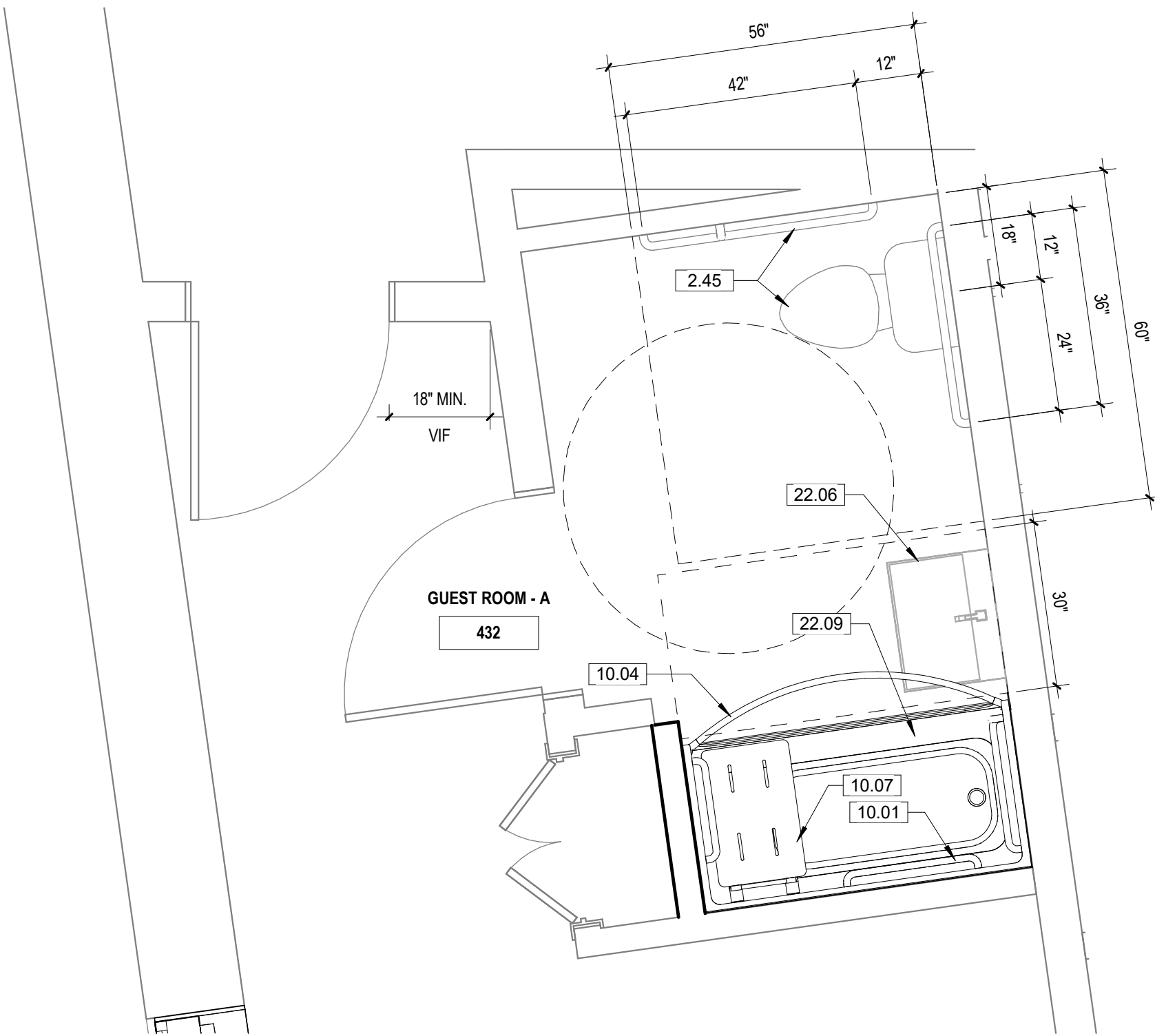
6 | GUESTROOM 410 UPGRADE DEMO PLAN
1/2" = 1'-0"



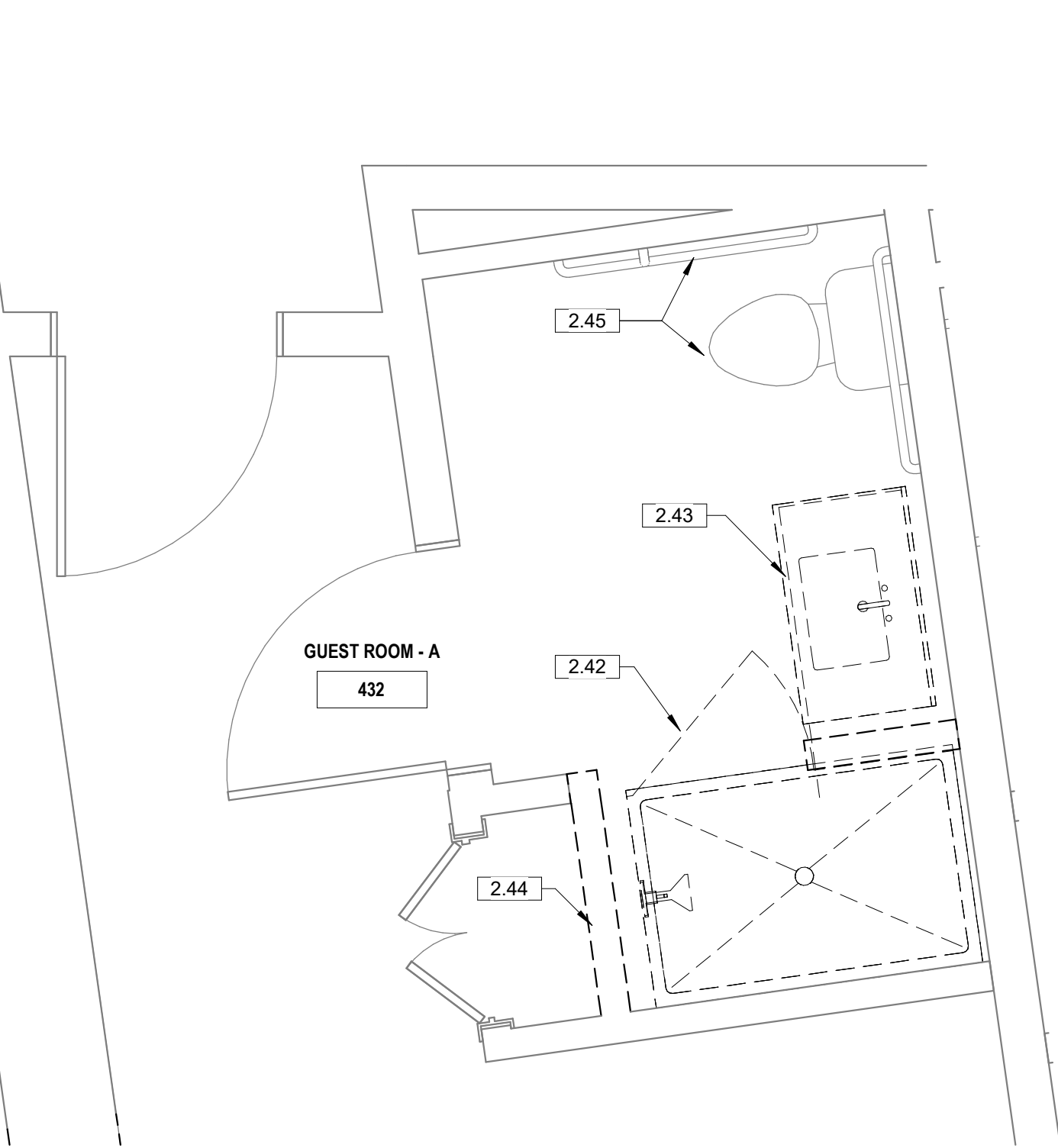
4 | GUEST ROOM 424 UPGRADE FLOOR PLAN
1/2" = 1'-0"



3 | GUEST ROOM 424 UPGRADE DEMO PLAN
1/2" = 1'-0"



2 | GUEST ROOM 432 UPGRADE FLOOR PLAN
1/2" = 1'-0"



1 | GUEST ROOM 432 UPGRADE DEMO FLOOR PLAN
1/2" = 1'-0"

SHEET NOTES - FLOOR PLAN

1. ALL DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF MASONRY/CONCRETE, OR FACE OF STUD. JUNG.
2. RE. CODE AND OCCUPANCY PLANS FOR REQUIRED FIRE RATINGS AND SMOKE PARTITIONS.
3. CONTRACTOR TO VERIFY ALL COLUMN AND ROOF DRAIN PURR OUTS IN FIELD PROVIDE BACKING AND/OR SUPPORTS AT ALL WALL MOUNTED CABINETRY, EQUIPMENT, FIXTURES, ETC.
4. AT ALL WALLS WITH SOUND ATTENUATION, SEAL TOP OF WALL AT STRUCTURE AND BOTTOM OF WALL WITH SOUND SEALANT.
5. AT ALL WALLS THAT EXTEND TO STRUCTURE, PROVIDE DEFLECTION TRACK. SEE WALL DETAILS FOR TYPICAL CONDITION.
6. FOR ALL WET CONDITIONS, PROVIDE WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM BOARD.
7. UNLESS NOTED OTHERWISE, ALL GWB WALLS SHALL HAVE 6" STUD FRAME RETURN AT ALL DOOR JAMBS.
- 8.

KEYNOTE LEGEND

NO.	KEYNOTE / REFERENCE NOTE
2.42	DEMO (E) NON-ADA COMPLIANT SHOWER
2.43	DEMO (E) NON-ADA COMPLIANT COUNTER AND LAVATORY
2.44	DEMO (E) WALL TO PROVIDE MIN 80" CLR INSIDE (N) ADA COMPLIANT BATHTUB, VIF.
2.45	(E) ADA COMPLIANT TOILET AND GRAB BARS TO REMAIN, VIF. PROVIDE (N) WHERE REQUIRED
10.01	ADA GRAB BARS, TYP. REF. ADA DETAILS ON SHEET A0.02
10.04	CURVED SHOWER CURTAIN ROD (BRADLEY CORP. SCS3-6000 OR EQUAL)
10.06	ADA COMPLIANT FOLDING SEAT
10.07	ADA COMPLIANT NON-PERMANENT SEAT AT BATHTUB
22.06	NEW ADA COMPLIANT WALL MOUNTED LAVATORY
22.09	NEW ADA COMPLIANT BATHTUB

STAMP:



CONSULTANT:

REVISIONS

No.	Description	Date

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
ENLARGED GUEST ROOM UPGRADES

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

SHEET

A4.43

KEYNOTE LEGEND	
NO.	KEYNOTE / REFERENCE NOTE
5.04	1-1/2" WALL MOUNTED HANDRAIL
5.07	METAL PAN AND CONCRETE STAIRS, PROVIDE ANTI-SLIP MARKINGS ON EDGE OF TREADS

STAMP:



CONSULTANT:

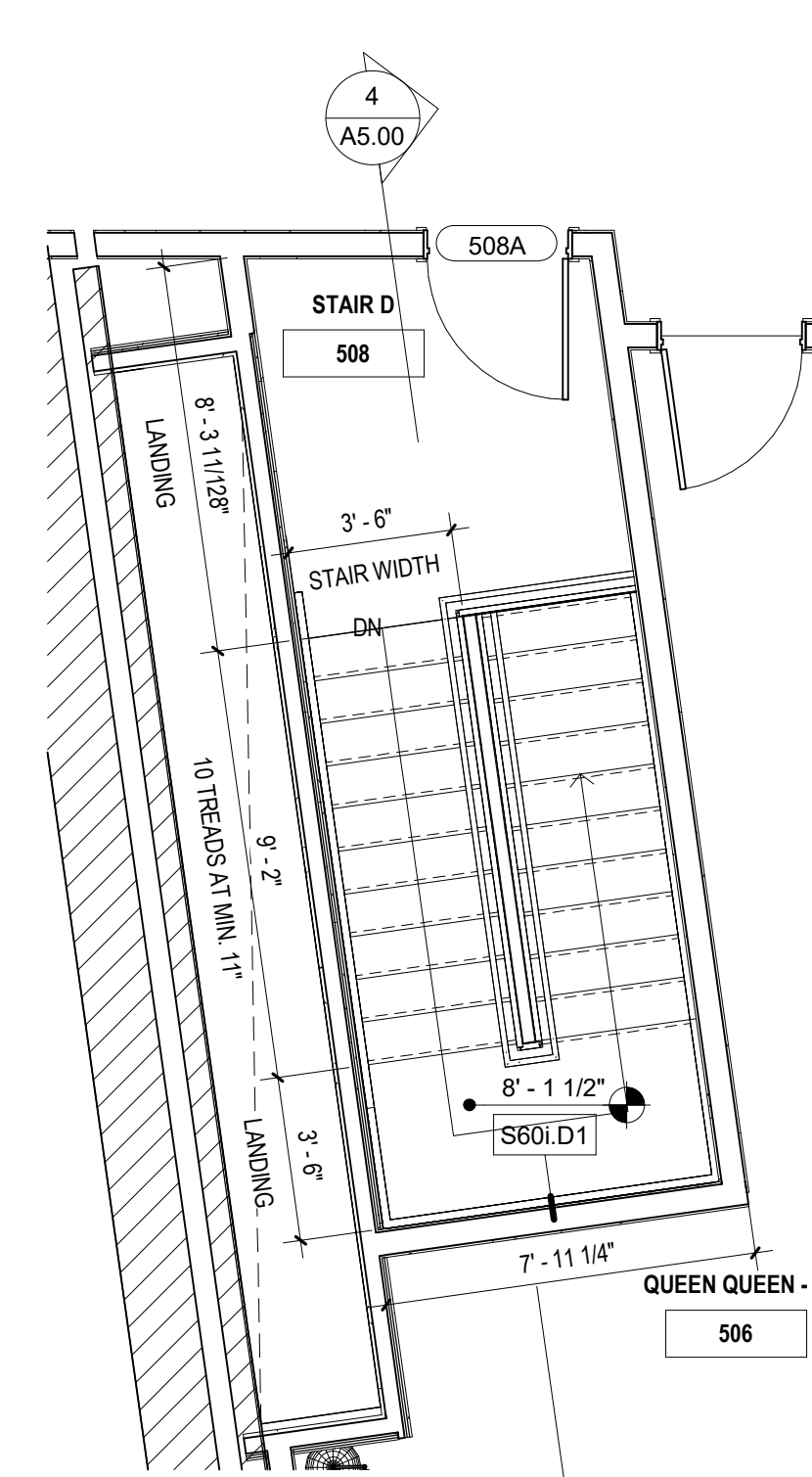
REVISIONS

No.	Description	Date

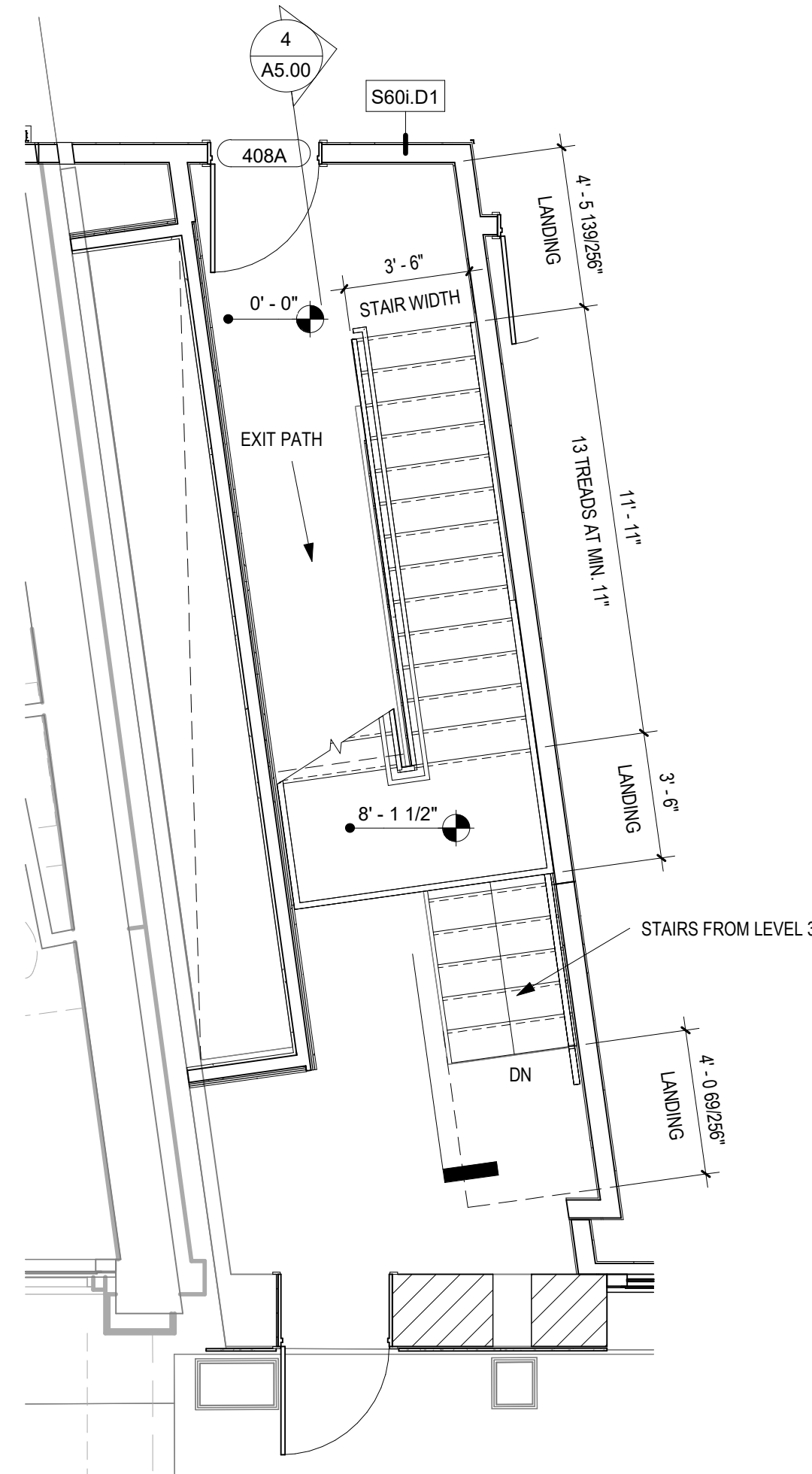
PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

SHEET

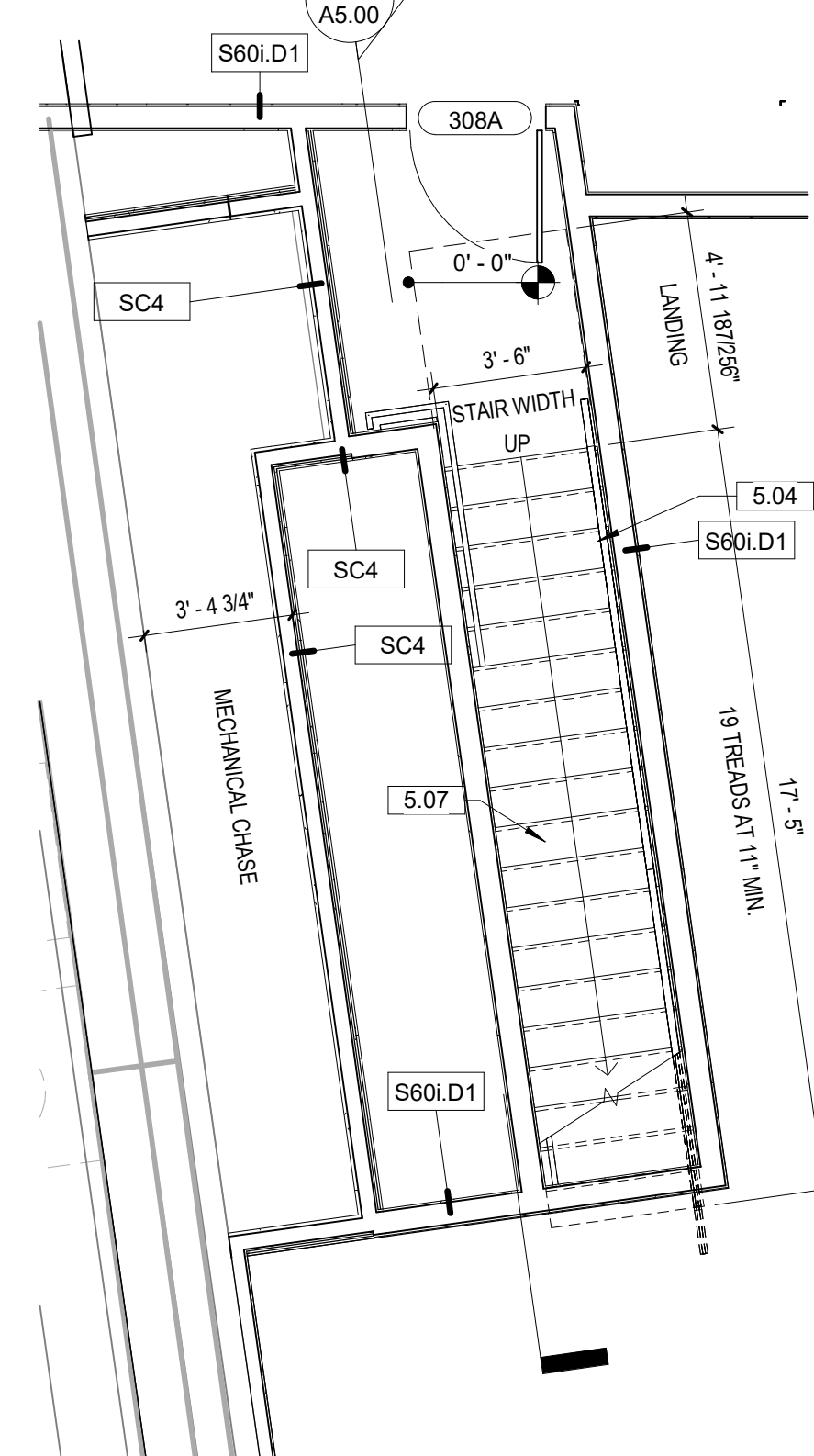
A5.00



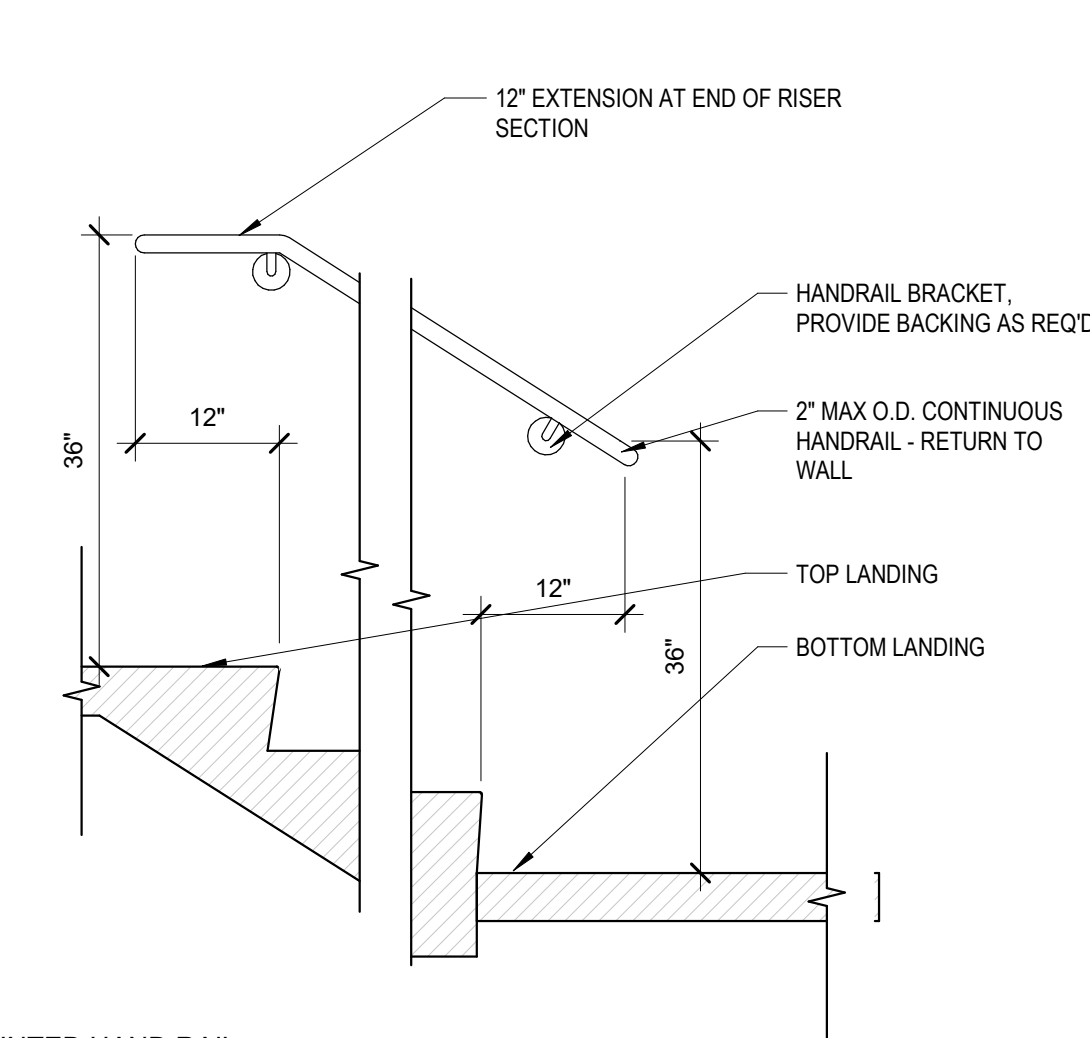
3 STAIR PLAN - LEVEL 05
1/4" = 1'-0"



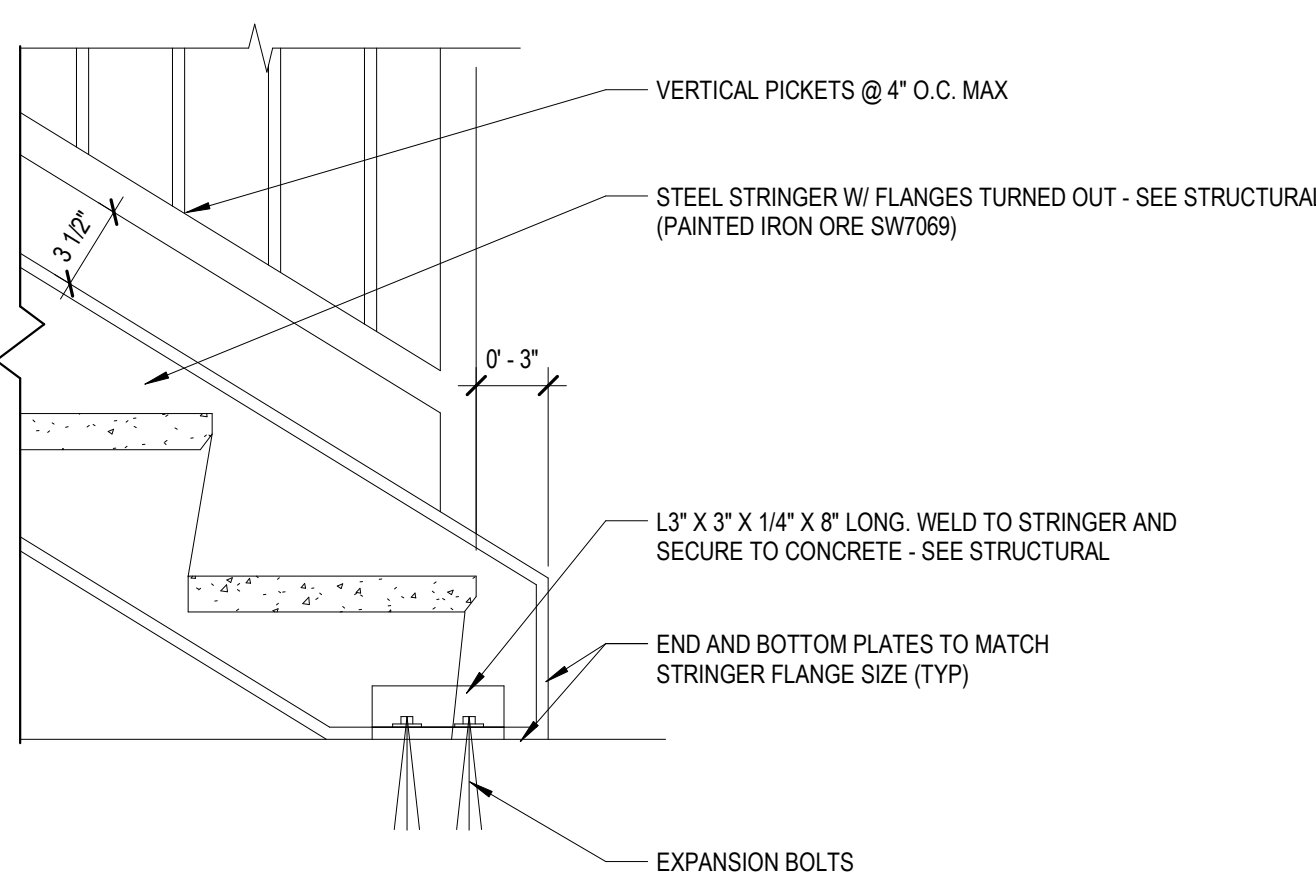
2 STAIR PLAN - LEVEL 04
1/4" = 1'-0"



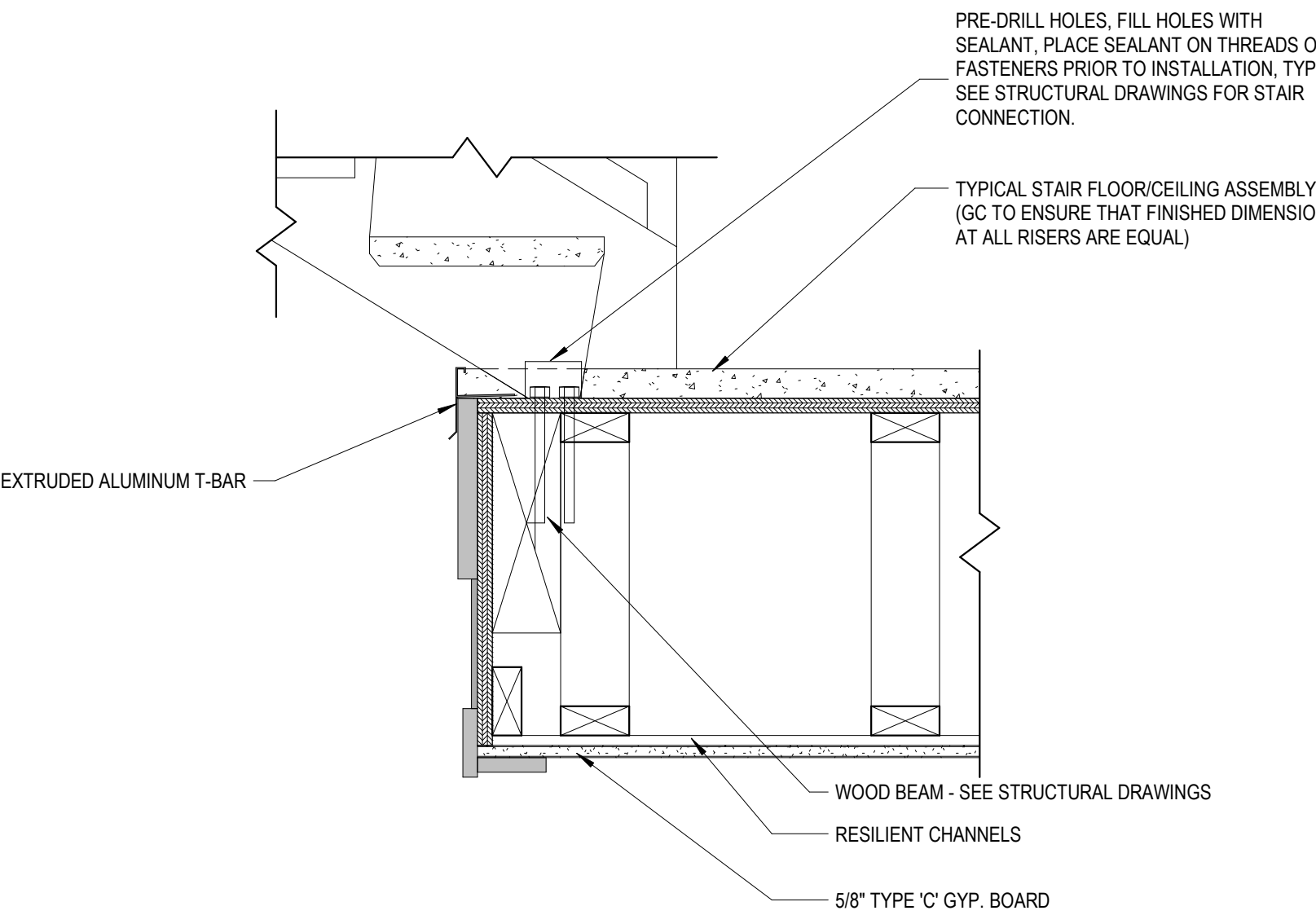
1 STAIR PLAN - LEVEL 03
1/4" = 1'-0"



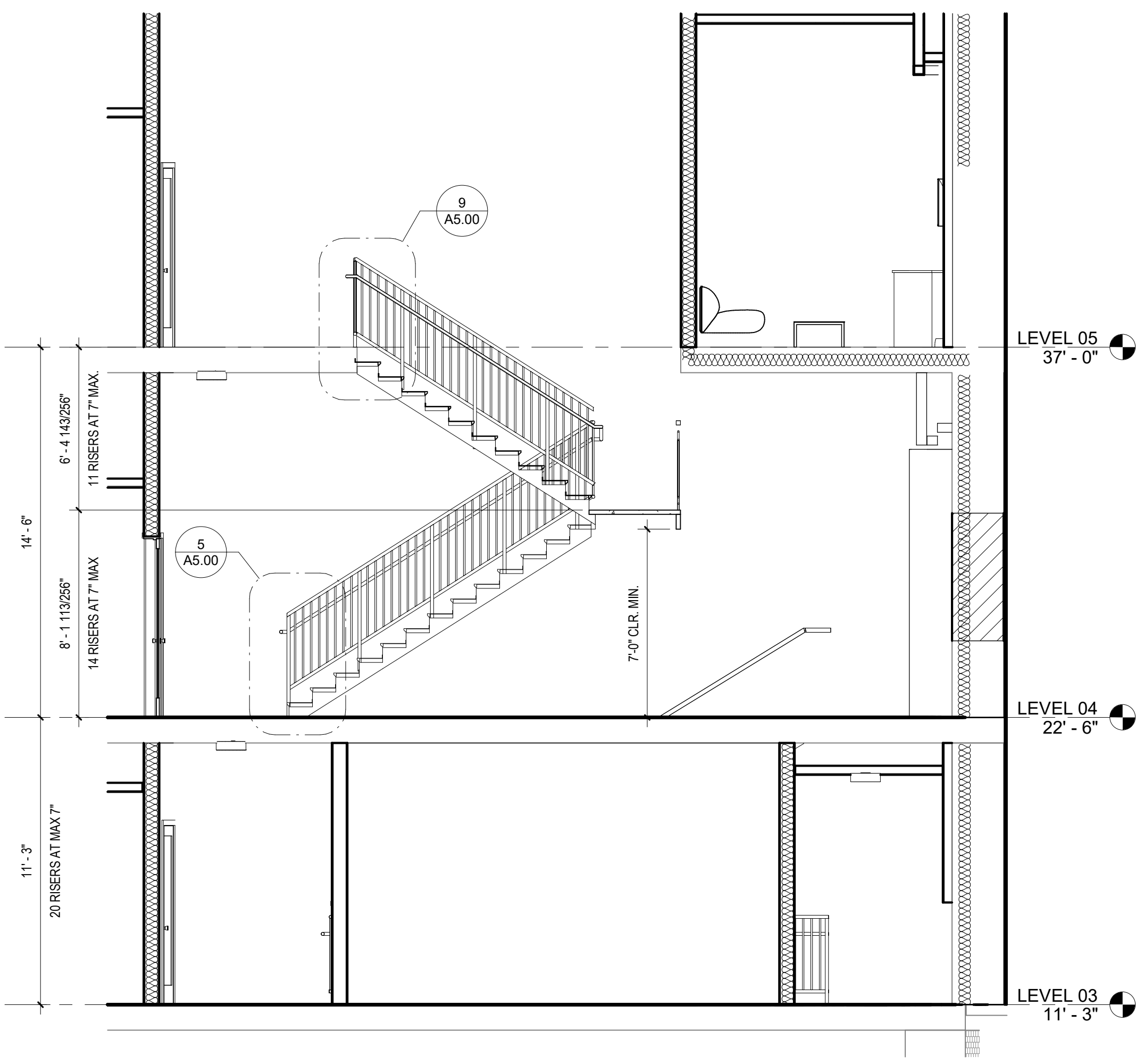
7 WALL MOUNTED HAND RAIL
3/4" = 1'-0"



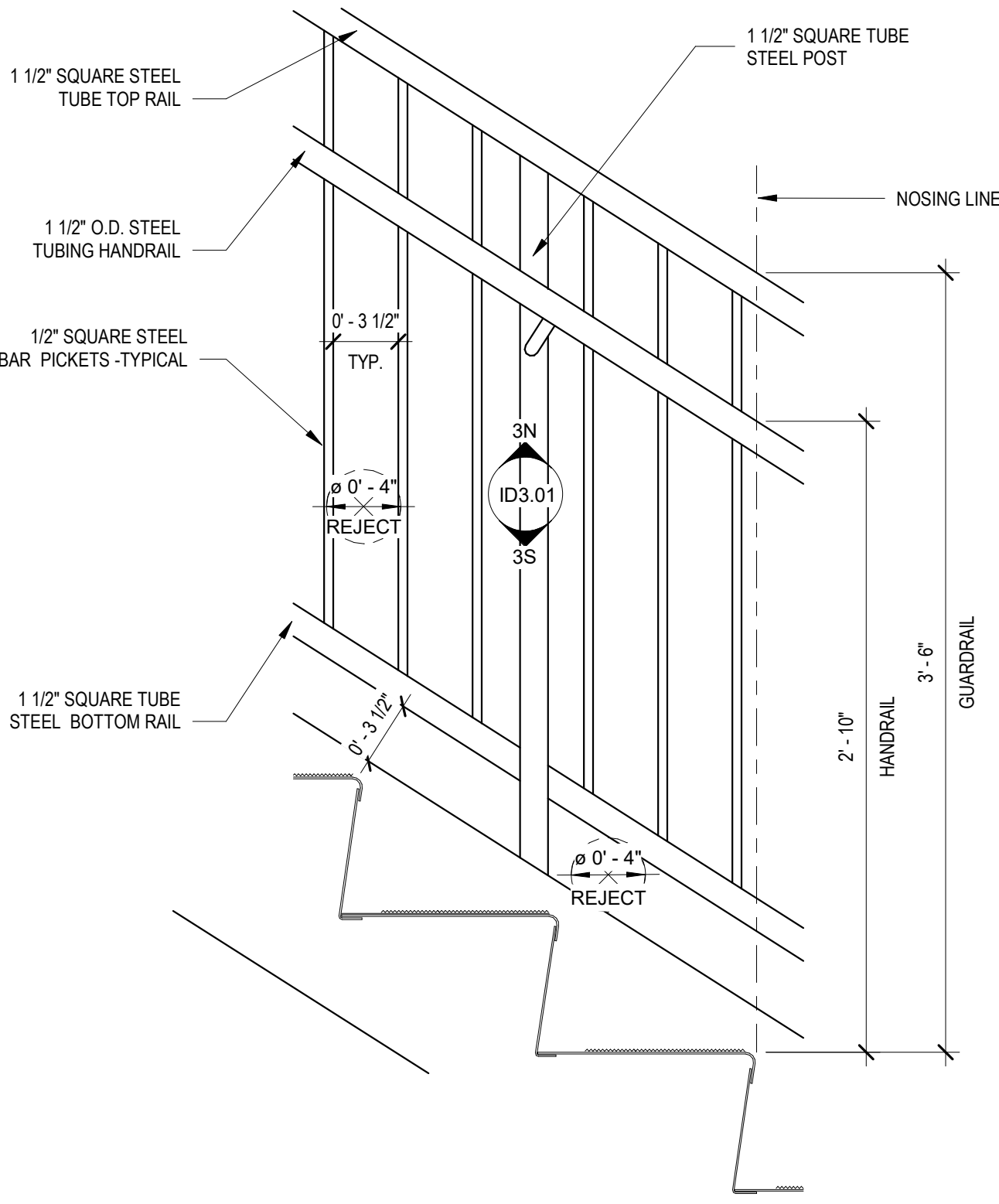
6 STAIR DETAIL & BASE
1 1/2" = 1'-0"



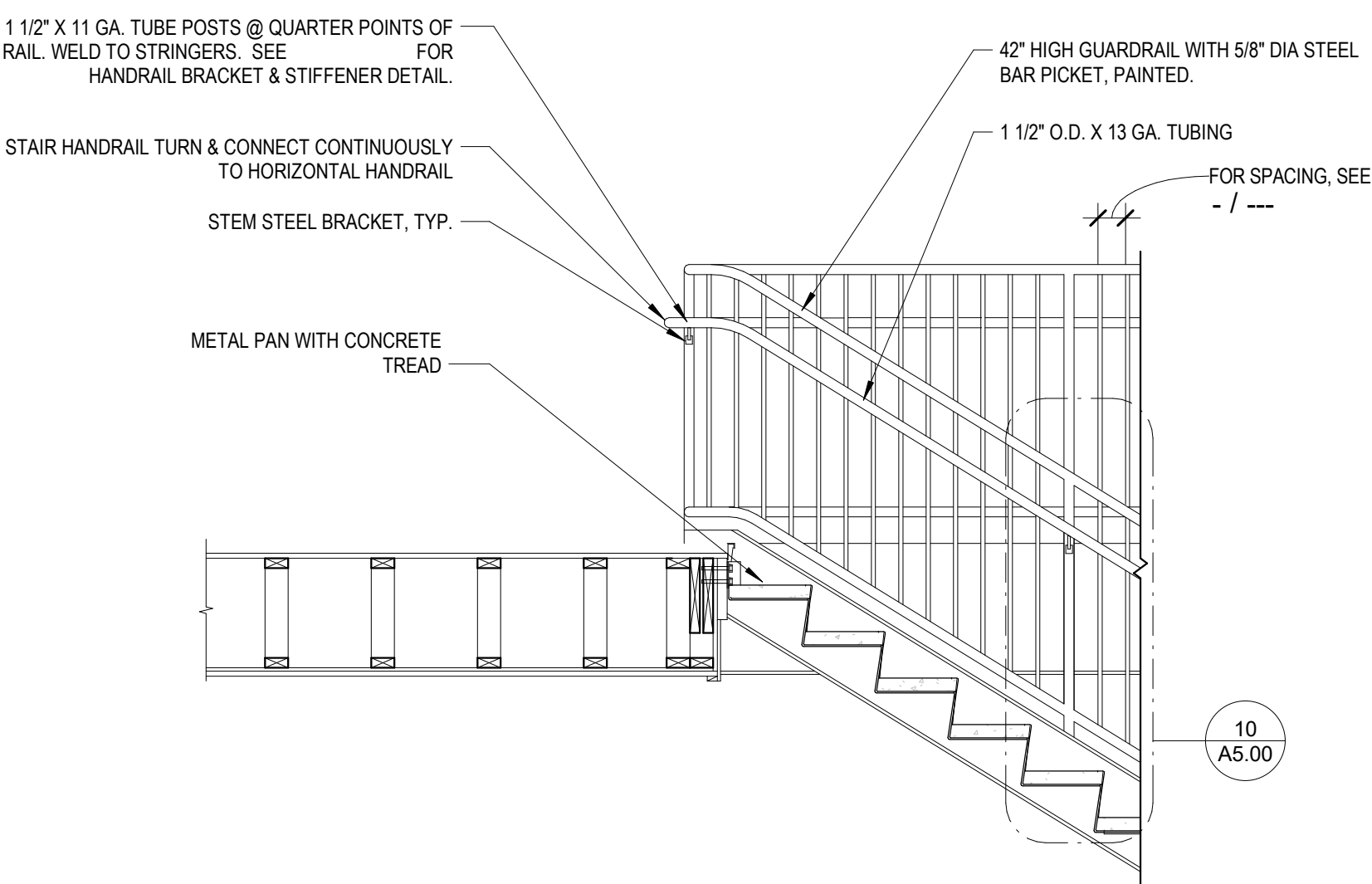
5 STAIR DETAIL @ LANDING BOTTOM
1 1/2" = 1'-0"



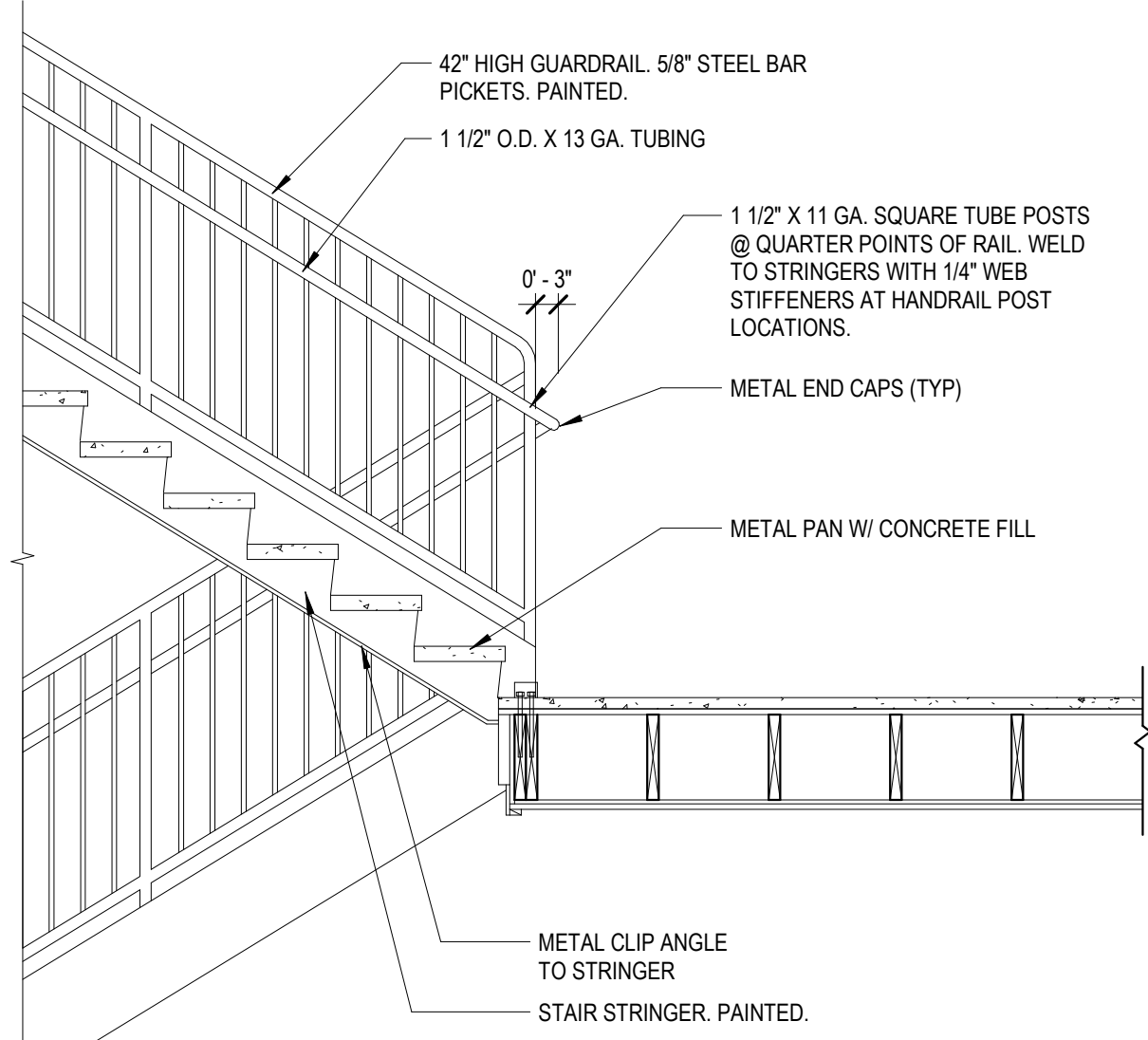
4 STAIR SECTION
1/4" = 1'-0"



10 GUARDRAIL AND HANDRAIL ELEVATION1
1 1/2" = 1'-0"



9 STAIR SECTION @ TOP OF LANDING
1/2" = 1'-0"



8 STAIR SECTION @ INTERMEDIATE BOTTOM LANDING SWITCHBACK
1/2" = 1'-0"

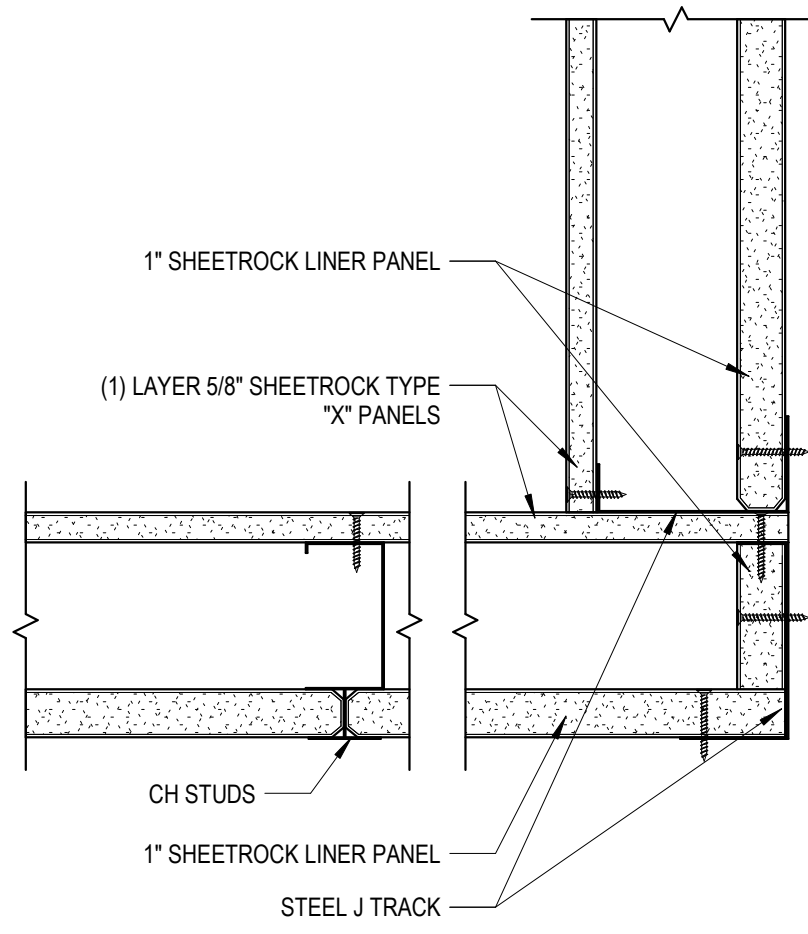
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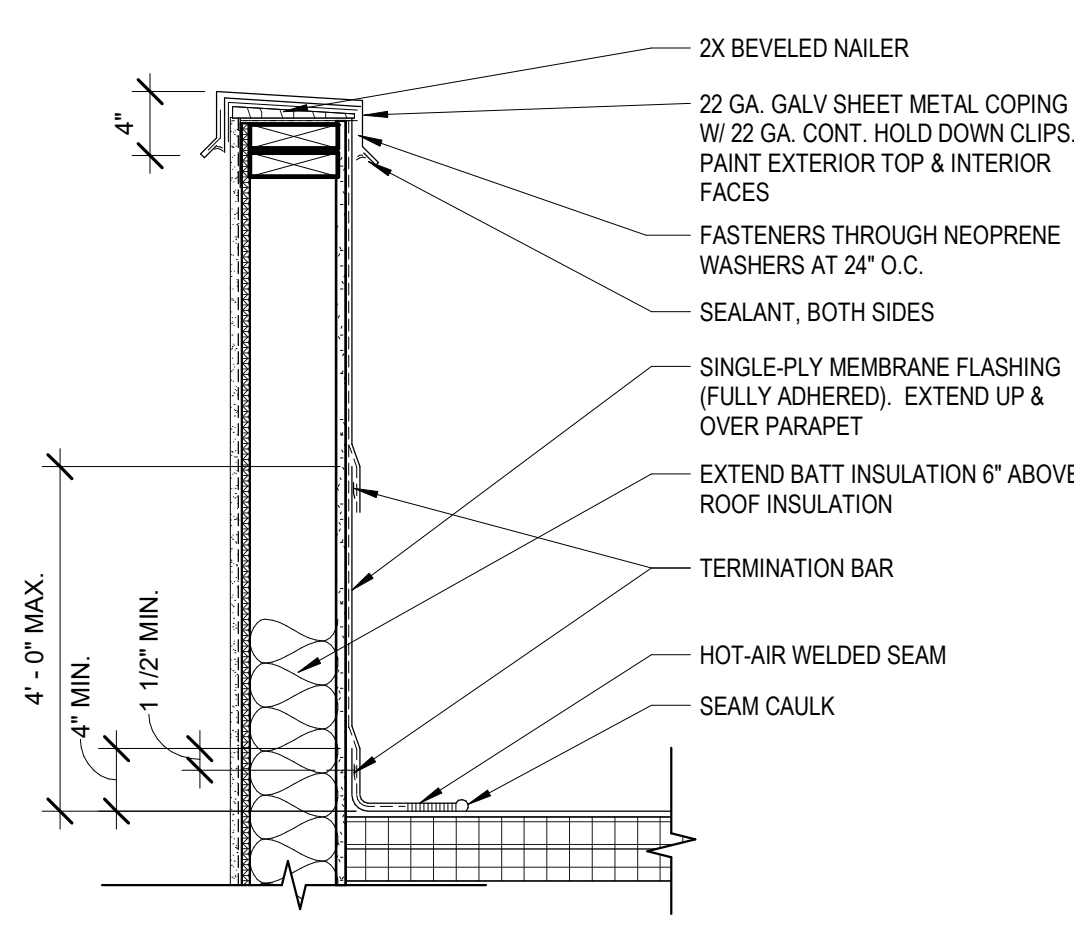
CONSULTANT:

REVISIONS

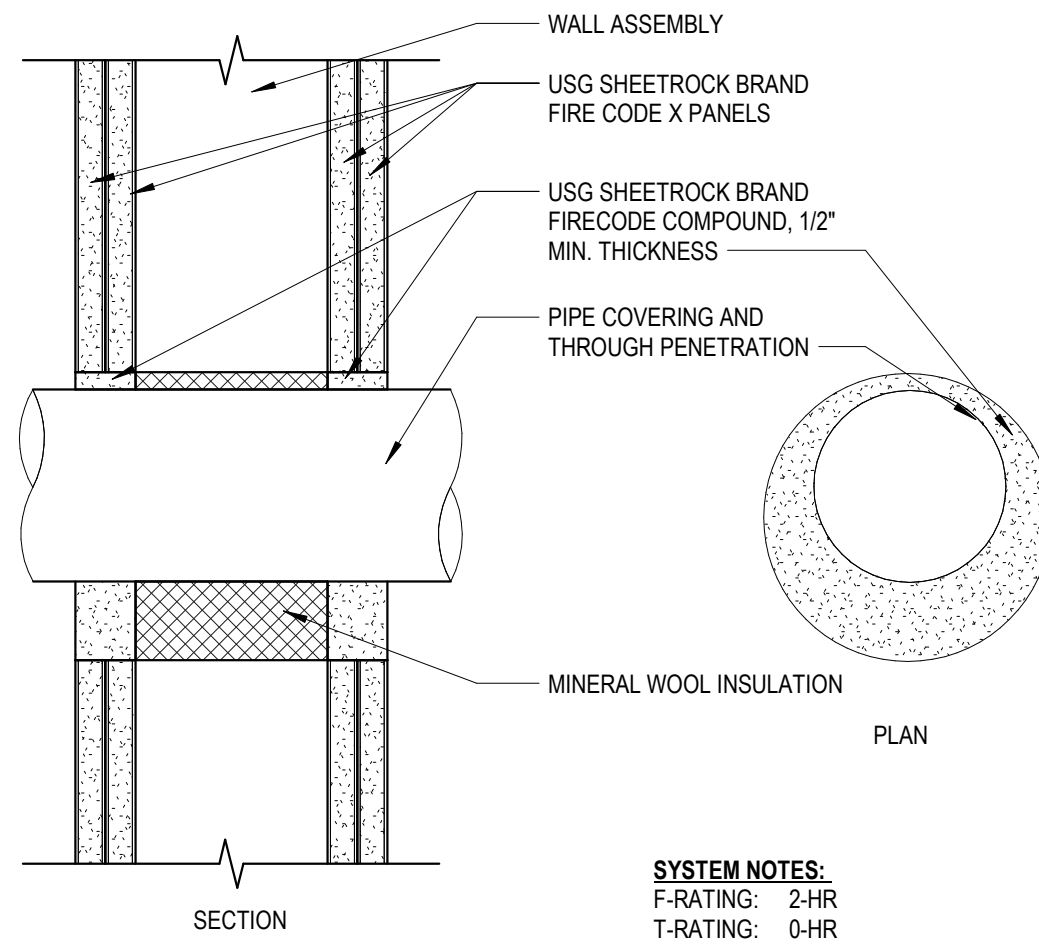
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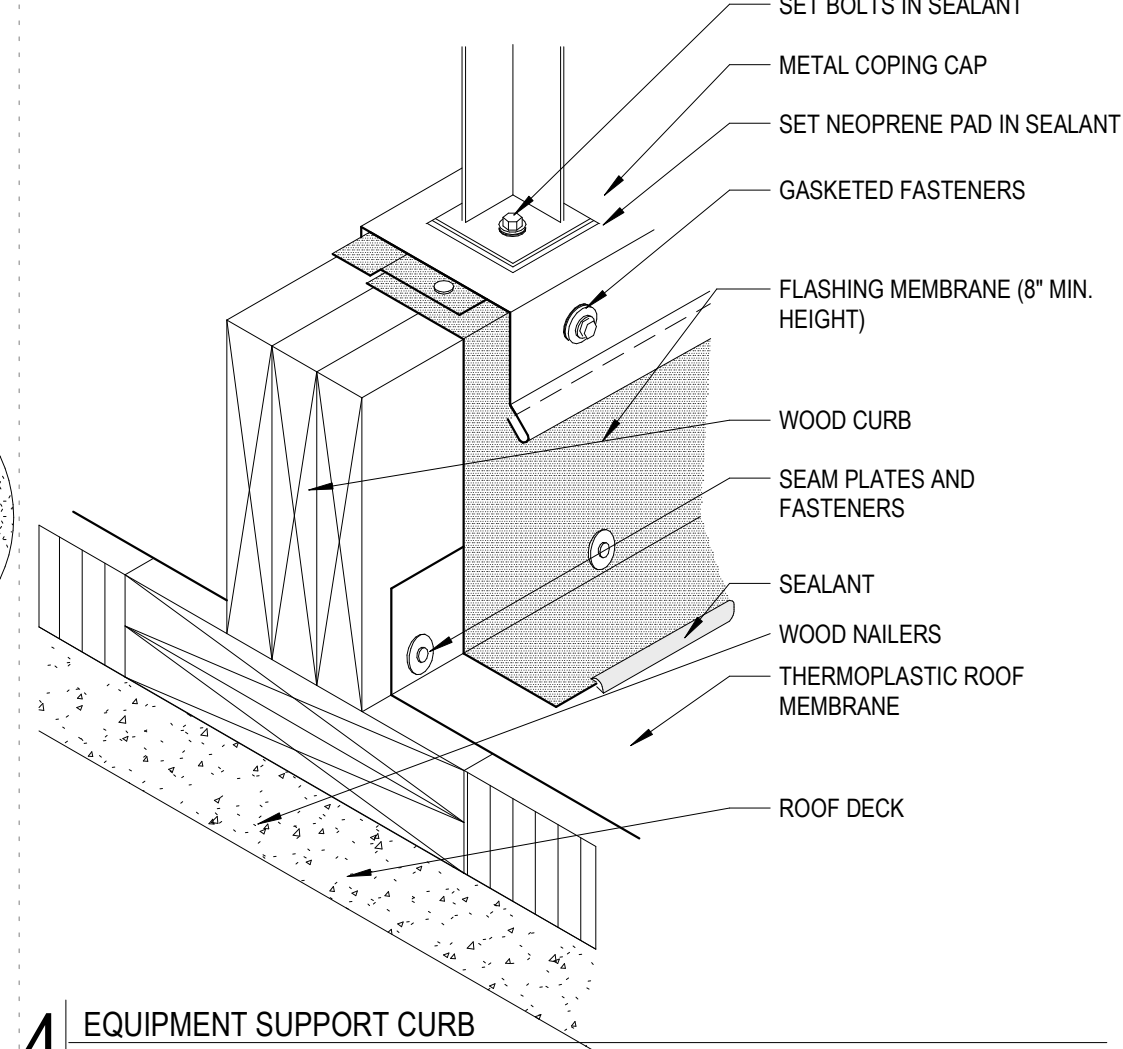
9 1-HR SHAFTWALL CORNER DETAIL
3" = 1'-0"



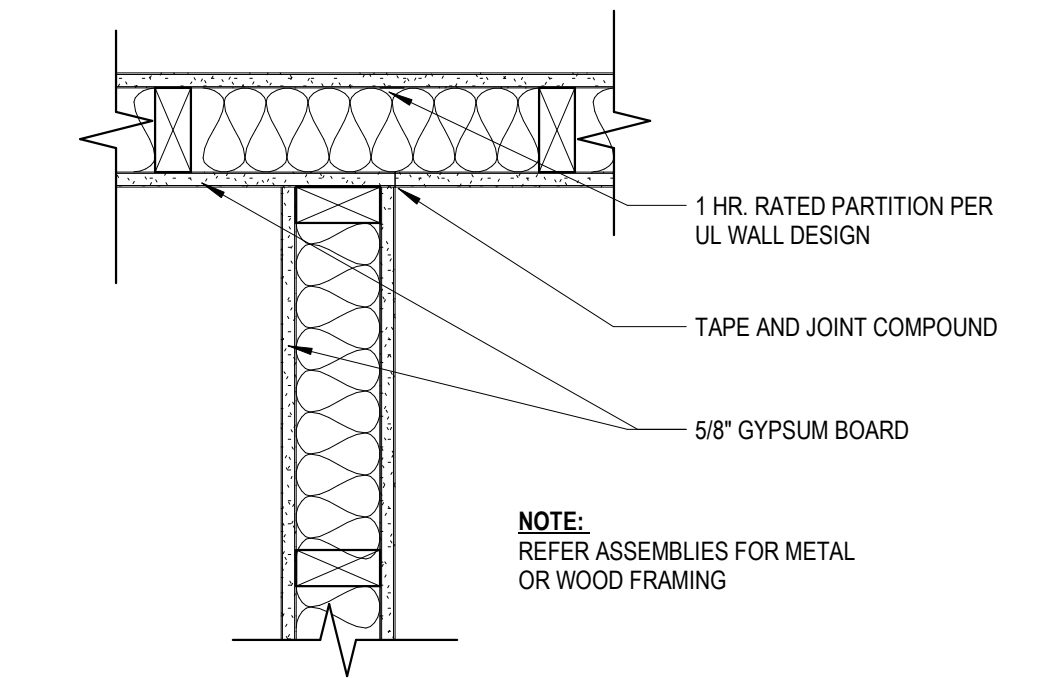
5 PARAPET WALL DETAIL
1" = 1'-0"



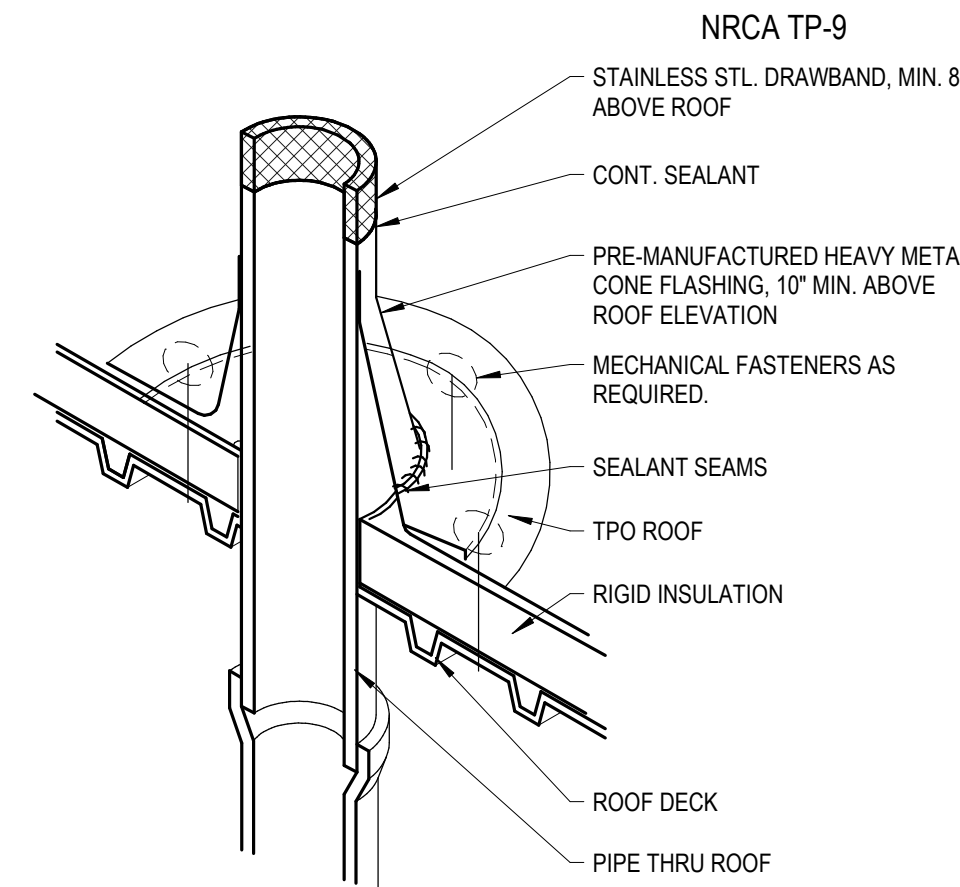
8 THRU PENETRATION W-L-1027
3" = 1'-0"



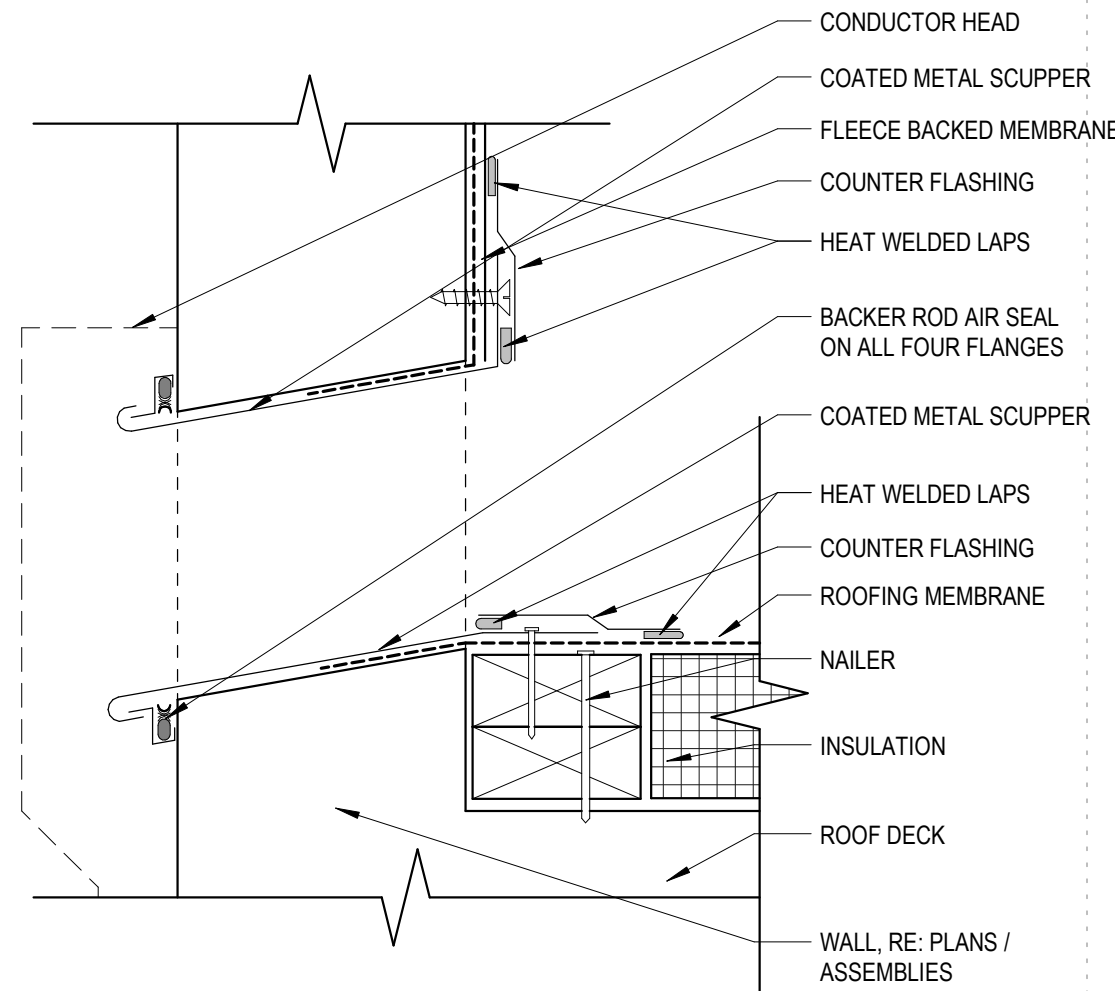
4 EQUIPMENT SUPPORT CURB
12" = 1'-0"



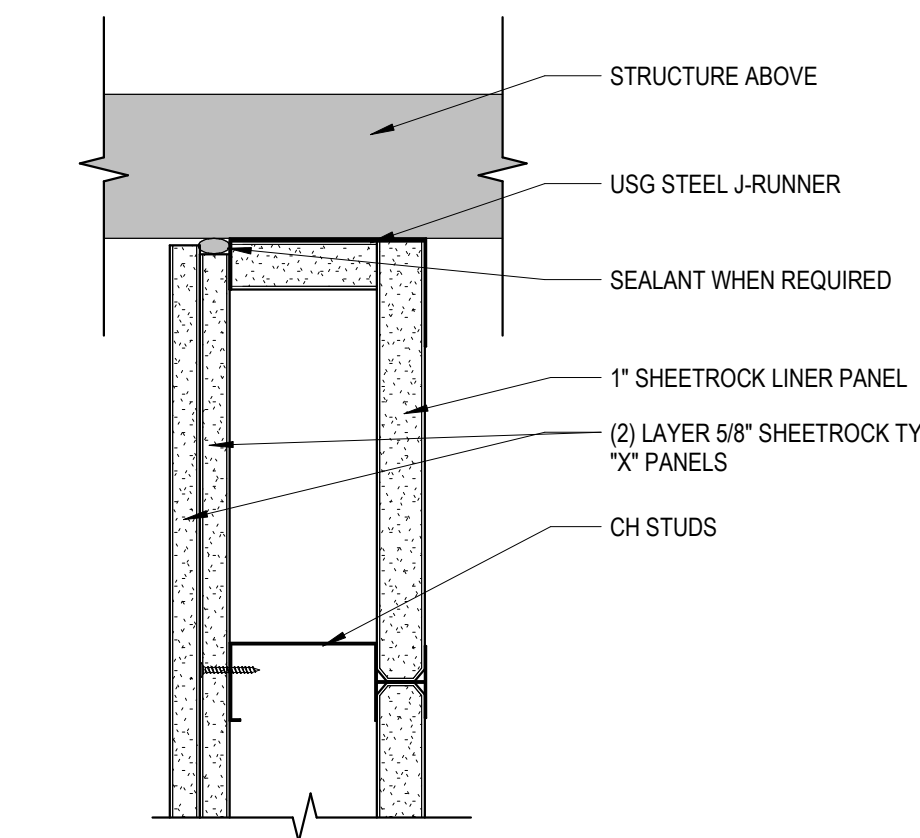
7 1-HR PARTITION AT NON-RATED PARTITION
1 1/2" = 1'-0"



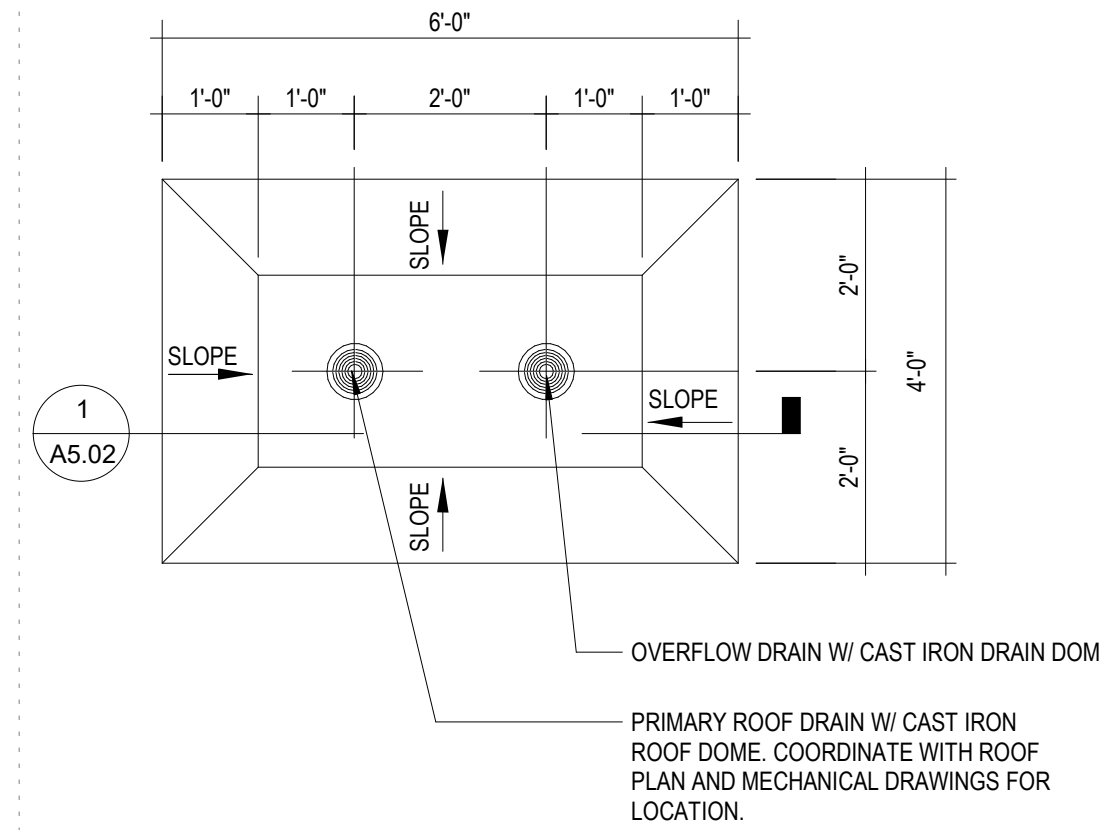
3 PIPE FLASHING DETAIL
3" = 1'-0"



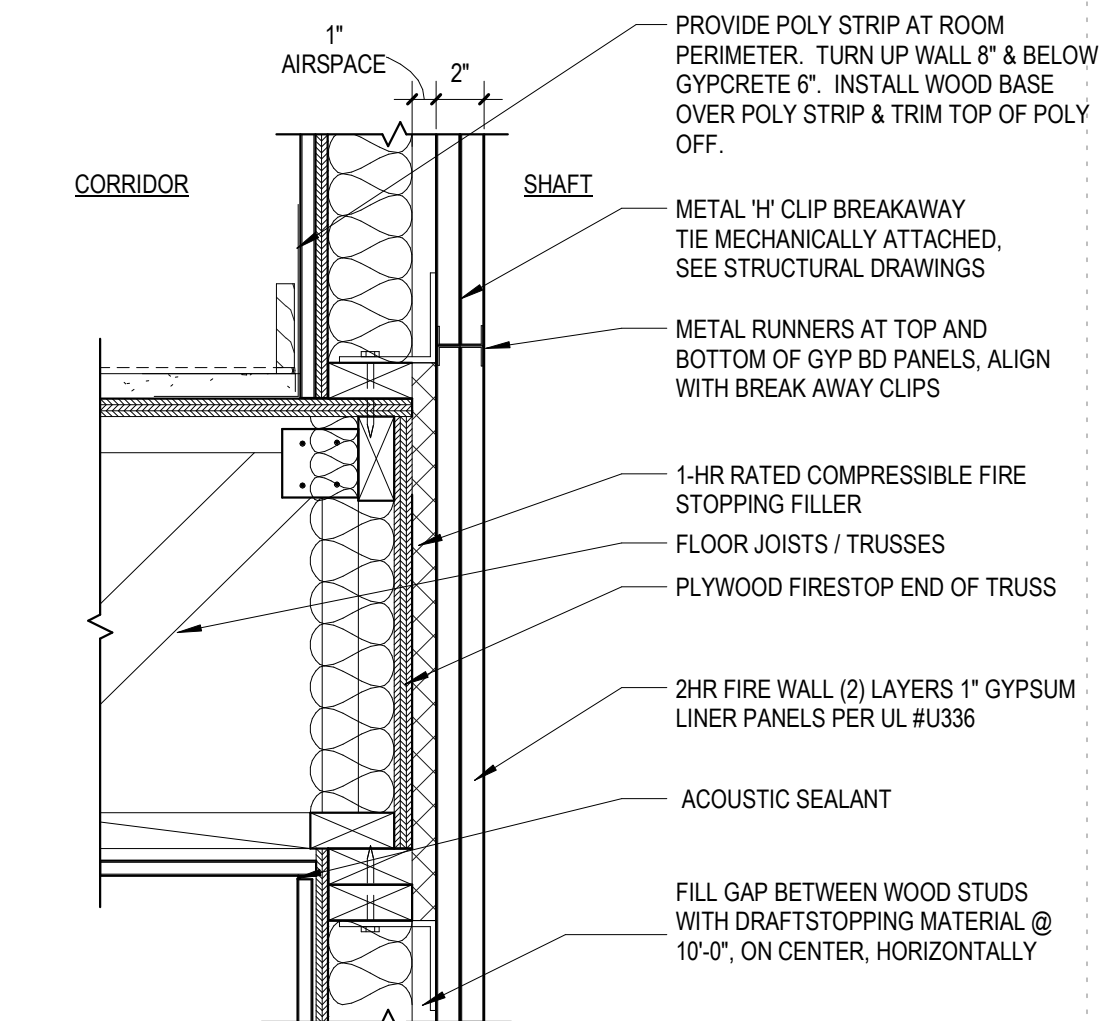
11 THRU WALL SCUPPER
3" = 1'-0"



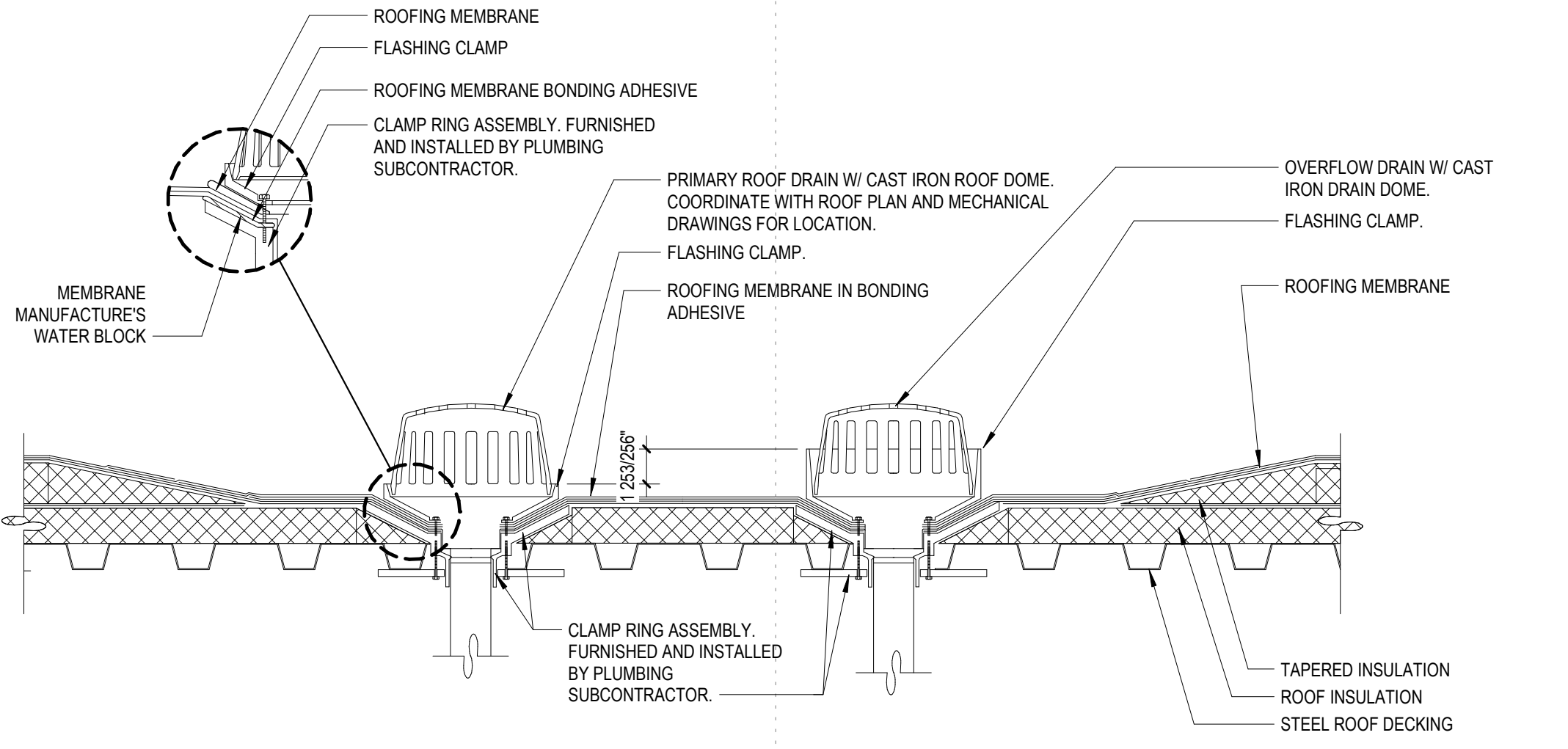
6 SHAFTWALL HEAD
3" = 1'-0"



2 ROOF SUMP PLAN
1/2" = 1'-0"



10 2-HR RATED SHAFT WALL
1 1/2" = 1'-0"



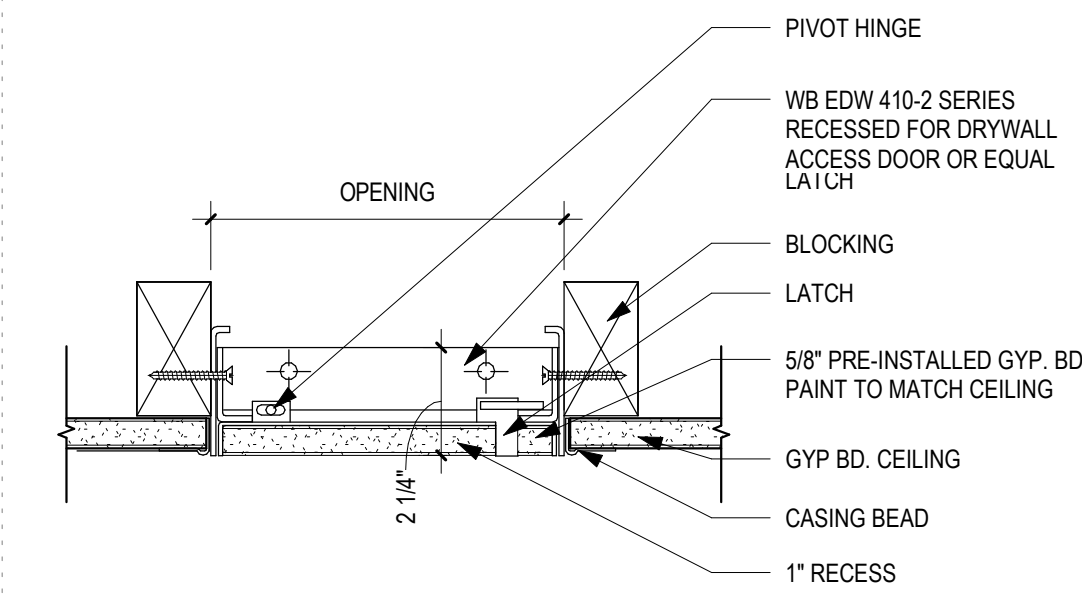
1 ROOF DRAIN DETAIL @ METAL DECK
1 1/2" = 1'-0"

STAMP:

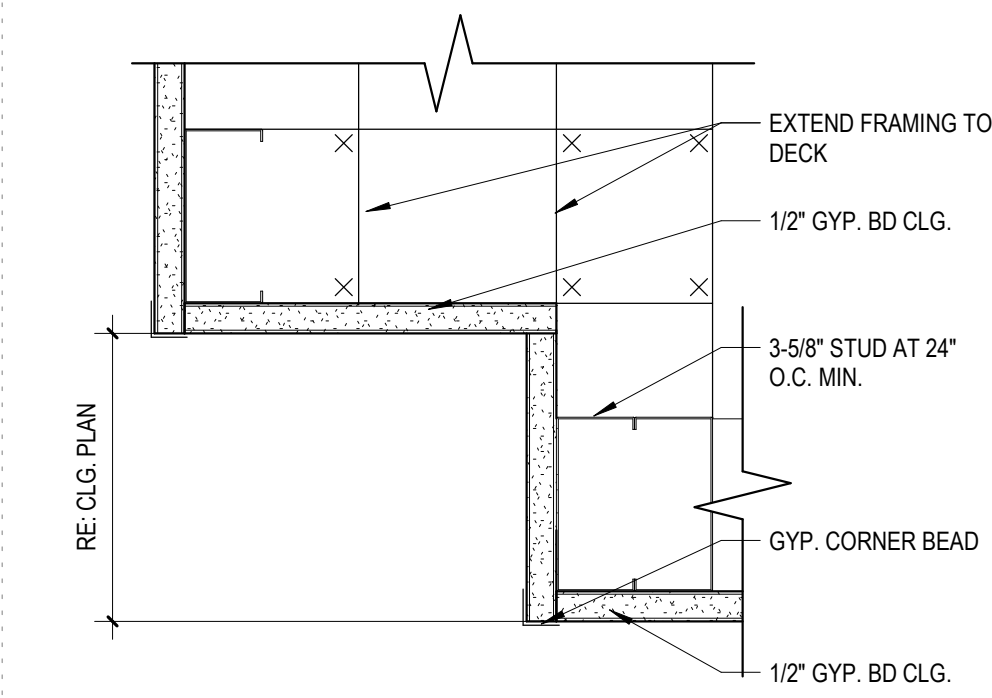


CONSULTANT:

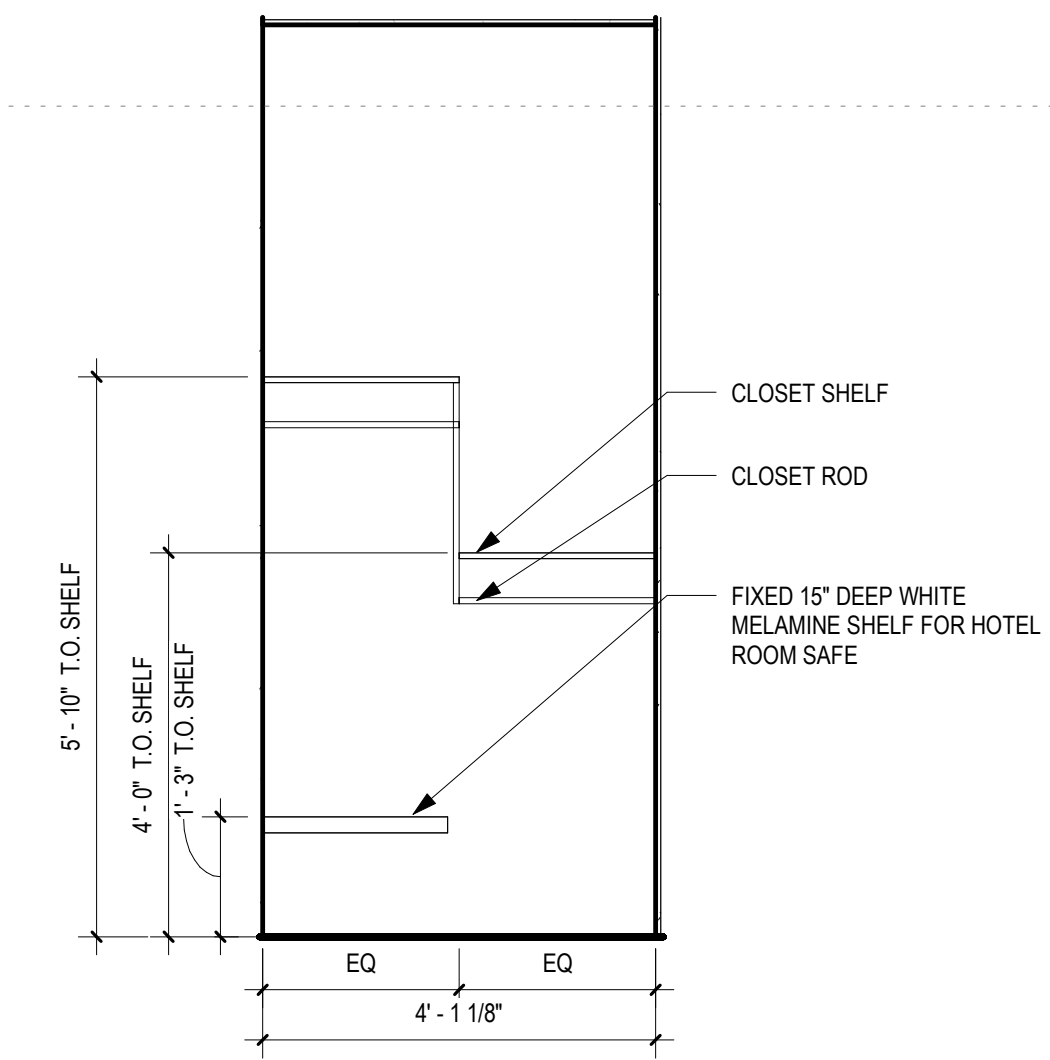
REVISIONS		
No.	Description	Date



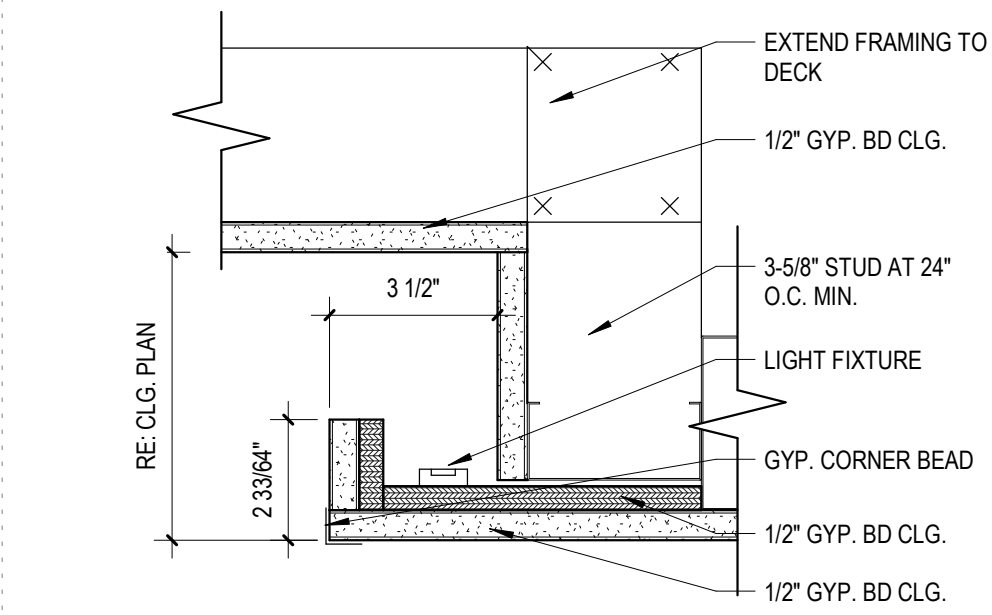
4 | RECESSED ACCESS PANEL
3" = 1'-0"



3 | CEILING SOFFIT STEP
3" = 1'-0"

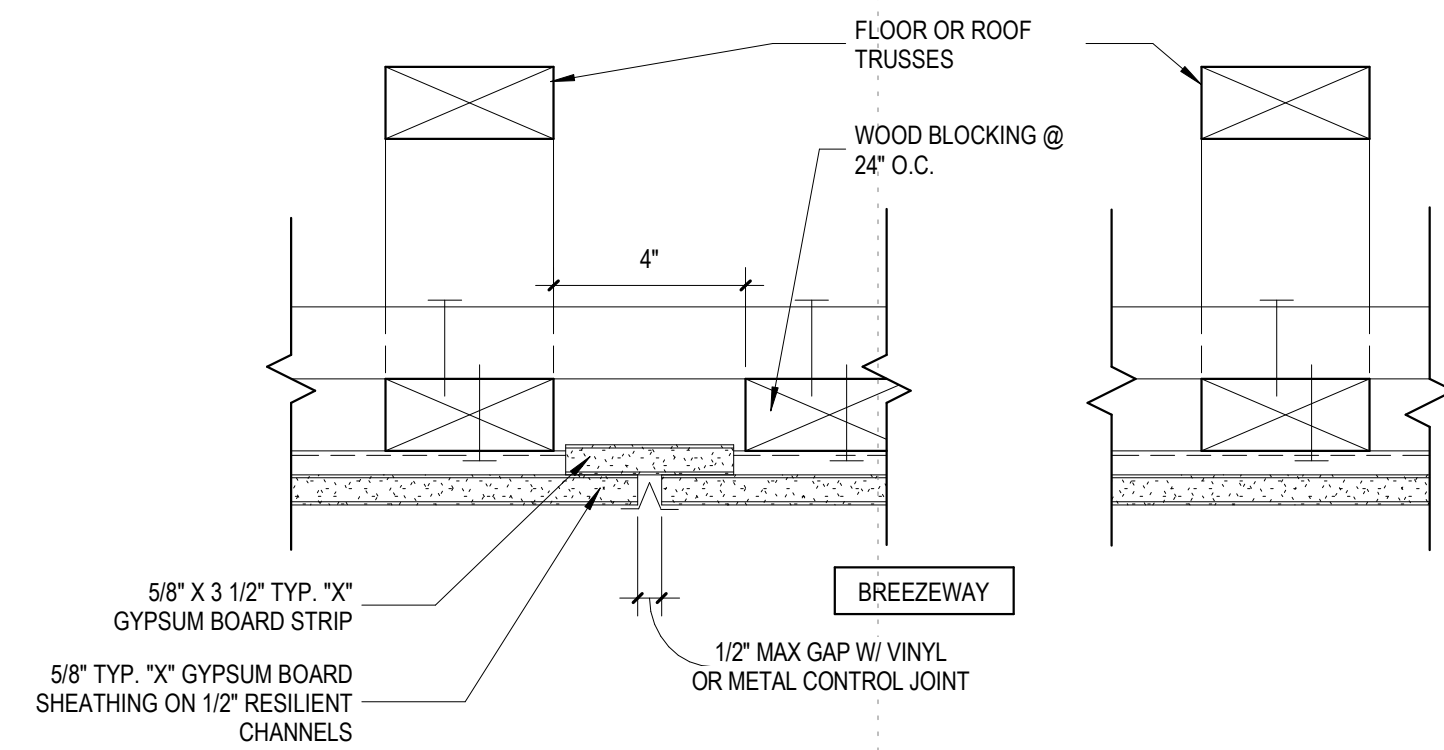


7 | ACCESSIBLE CLOSET ELEVATION
1/2" = 1'-0"

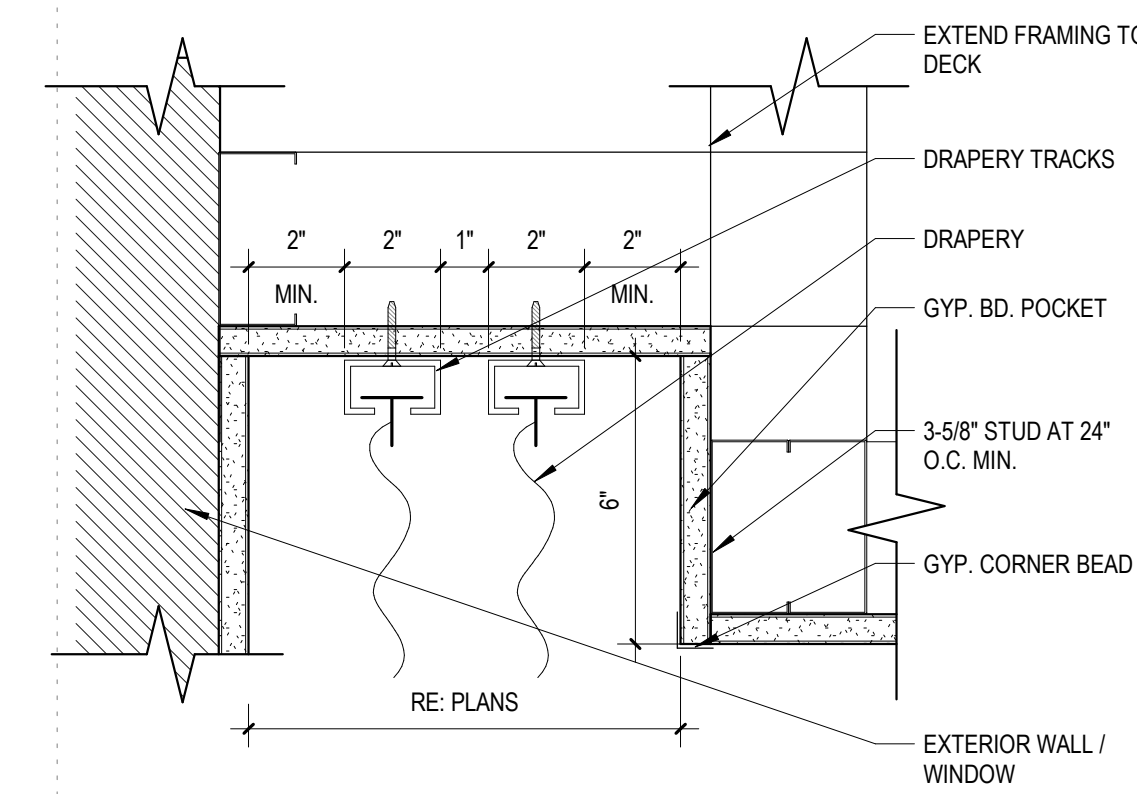


2 | CEILING LIGHT COVE SOFFIT
3" = 1'-0"

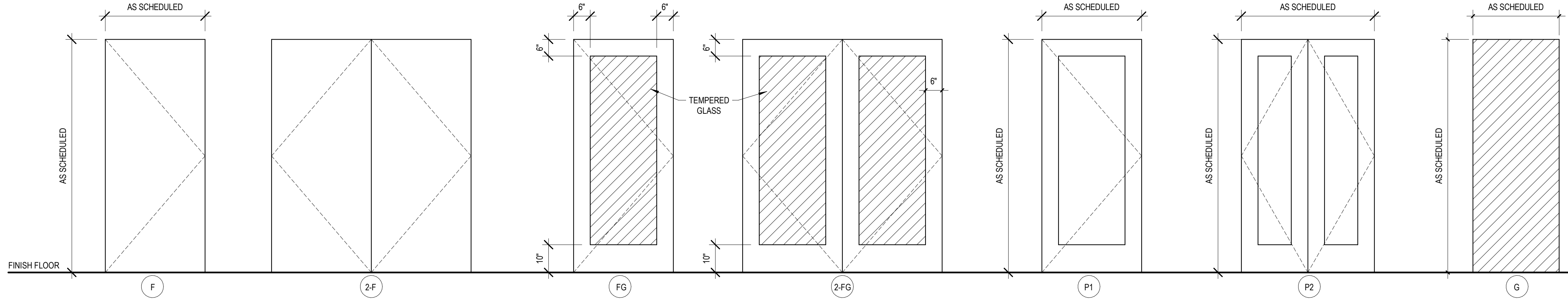
CONTROL JOINTS SHALL BE INSTALLED SO THAT LINEAR DIMENSIONS BETWEEN CONTROL JOINTS SHALL NOT EXCEED 30 FT (9M) AND TOTAL AREA BETWEEN CONTROL JOINTS DOES NOT EXCEED 900 SQ. FT. (81 SQ. M.)



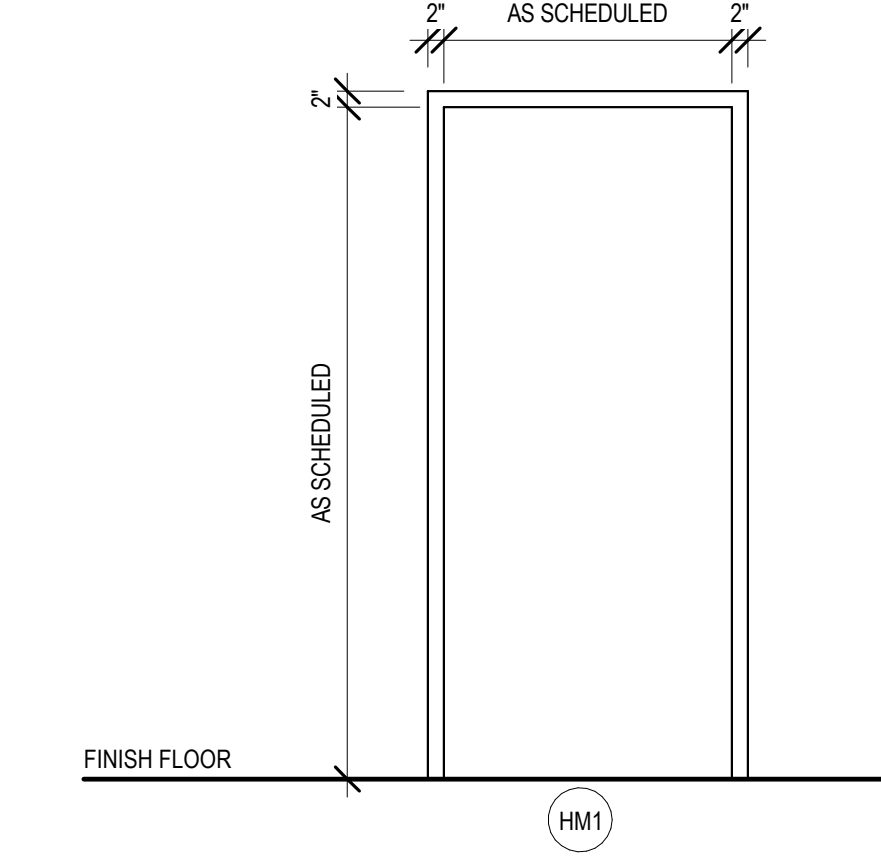
6 | 1 HR CONTROL JOINT AT CEILING
3" = 1'-0"



1 | CEILING DRAPERY SOFFIT
3" = 1'-0"



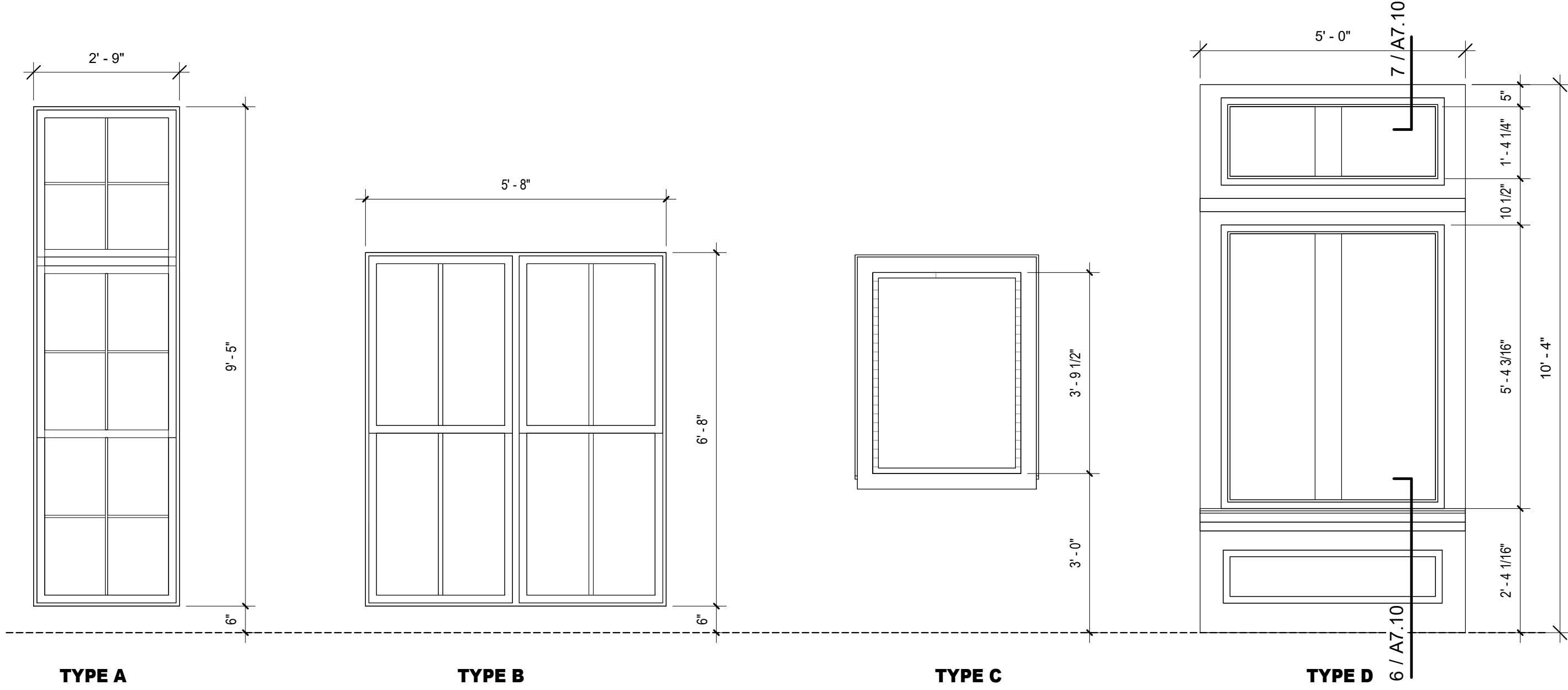
A DOOR TYPES
1/2" = 1'-0"



B FRAME TYPES
1/2" = 1'-0"

DOOR SCHEDULE - PUBLIC SPACES														
Level	To Room Name	Mark	DOOR DIMENSIONS			FRAME			DOOR			HDWR	FIRE RATING	REMARKS
			WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	MATERIAL	TYPE	FINISH			
LEVEL 03	NEW STRETCH / STRENGTH ZONE	306A	3'-0"	7'-0"	0'-1 3/8"	HM1	HM	PT	WD	P1	PT	2	-	ELECTRONIC KEY ENTRY, PANIC ON INTERIOR
LEVEL 03	STAIR D	308A	3'-0"	7'-0"	0'-1 3/8"				WD	P1	PT	2	90 MIN.	CLOSER AND FIRE RATED SEALS
LEVEL 03	MAINTENANCE	333A	3'-0"	7'-0"	0'-1 3/8"				WD	P1	PT	6	-	
LEVEL 04	STAIR D	408A	3'-0"	7'-0"	0'-1 3/8"	HM1	HM	PT	WD	P1	PT	2	90 MIN.	CLOSER AND FIRE RATED SEALS
LEVEL 04	STAIR D	408B	3'-0"	7'-0"	0'-1 3/8"				WD	P1	PT	2	90 MIN.	NO HARDWARE ON EXTERIOR, EGRESS ONLY
LEVEL 04	OFFICE	420A	3'-0"	7'-0"	0'-1 3/8"	HM1	HM	PT	WD	P1	PT	5	-	
LEVEL 05	STAIR D	508A	3'-0"	7'-0"	0'-1 3/8"	HM1	HM	PT	WD	P1	PT	2	90 MIN.	CLOSER AND FIRE RATED SEALS

DOOR SCHEDULE - GUESTROOMS												
TYPE MARK	DOOR DIMENSIONS			FRAME			DOOR			FIRE RATING	HDWR	REMARKS
	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	MATERIAL	TYPE	FINISH			
G01	3'-0"	7'-0"	0'-1 3/8"	HM1	HM	PT	WD	P1	PT	20 min.	3	CLOSER AND FIRE RATED SEALS
G02	3'-0"	7'-0"	0'-1 3/8"	HM1	HM	PT	WD	P1	PT	-	4	
G02-Y	3'-0"	6'-0"	0'-0 12/256"									
G03.1	3'-8"	6'-8"	0'-1 3/8"	HM1	HM	PT	WD	P2	PT	-	8	
G03.2	2'-6"	6'-8"	0'-1 3/8"	HM1	HM	PT	WD	P2	PT	-	8	
G04	2'-4"	6'-0"	0'-0 12/256"	GL	GL	-	GL	G	-	-	-	TEMPERED GLASS
G05	2'-10"	7'-0"	0'-1 3/8"	WD	WD	PT	WD	P1	PT	-	9	POCKET DOOR



WINDOW LEGEND
1/2" = 1'-0"

HARDWARE SCHEDULE			SHEET NOTES DOORS & WINDOWS	
1. STOREFRONT ENTRANCE DOORS (1) LOCKSET: ROCKWOOD - LP301 FHJ - ADA (1) THRESHOLD - PEMKO: 1715 ALUMINUM THIS DOOR TO REMAIN UNLOCKED WHILE BUILDING IS EXISTING OCCUPIED* LETTERING ABOVE DOOR (1) STOP - DOME OR WALL (1) CLOSER ADDITIONAL HARDWARE BY MANUFACTURER	3. GUESTROOM - ENTRY DOOR (3) HINGES (1) PRIVACY LOCKSET, W/ BATTERY KEY CARD, MATCH EXISTING (1) CLOSER TOP JAMB MOUNTED (1) STOP - WALL OR DOME STOP (1) SILENCER (1) PERIMETER GASKETS	6. STORAGE (3) HINGES (1) LOCKSET - KEYED OUTSIDE (1) CLOSER (1) STOP - WALL OR DOME STOP (1) SILENCER	7. BATHROOM (3) HINGES (1) LOCKSET - PRIVACY PUSH BUTTON LOCK INTERIOR (1) WALL STOP (1) SILENCER	8. CLOSET (6) HINGES (1) LOCKSET PASSAGE (2) SILENCER
2. EGRESS W/ RE-ENTRY - SNGL (3) HINGES (1) LOCKSET - ENTRY LOCKSET (1) DOOR SWEEP (1) WEATHER STRIP (FULL PERIMETER OF OPENING) (1) THRESHOLD (1) CLOSER (1) EXIT DEVICE (1) EMERGENCY EXIT - DO NOT BLOCK* SIGN (1) SILENCER	4. PASSAGE (NON-LOCKING) (3) HINGES (1) LOCKSET - PASSAGE ADA COMPLIANT (1) CLOSER (1) STOP - WALL, DOME STOP (1) SILENCER	5. LOCKABLE OFFICE (3) HINGES (1) LOCKSET - OFFICE ADA COMPLIANT (1) CLOSER - TOP JAMB MOUNTED (1) STOP - WALL OR DOME STOP (1) SILENCER	9. POCKET DOOR (3) HINGES (1) POCKET LOCKSET WITH LATCH (1) TOP HUNG TRACK	LEGEND AL ALUMINUM GL GLASS T TEMPERED P PAINT MTL METAL ANDZ ANODIZED



STAMP:

CONSULTANT:

REVISIONS

No.	Description	Date
1	PLAN CHECK RESPONSE	01/24/24

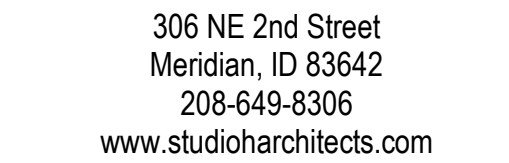
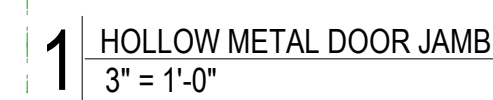
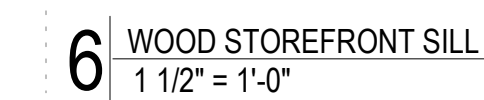
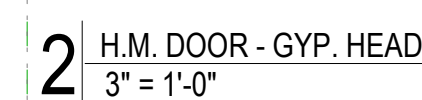
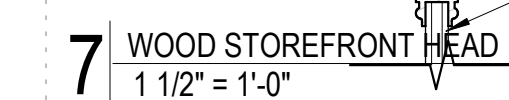
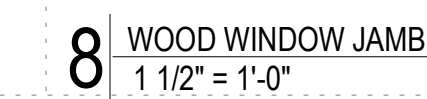
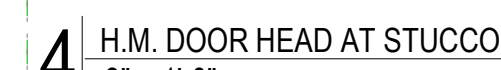
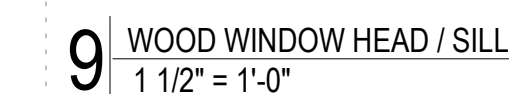
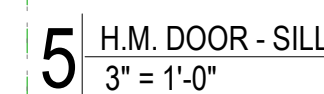
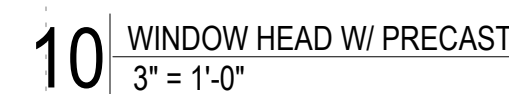
OWNER: HOS MANAGEMENT

PROJECT: COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS: 114 W. BAY STREET, SAVANNAH, GA 31401

SHEET NAME: DOOR & WINDOW SCHEDULES AND TYPES

PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

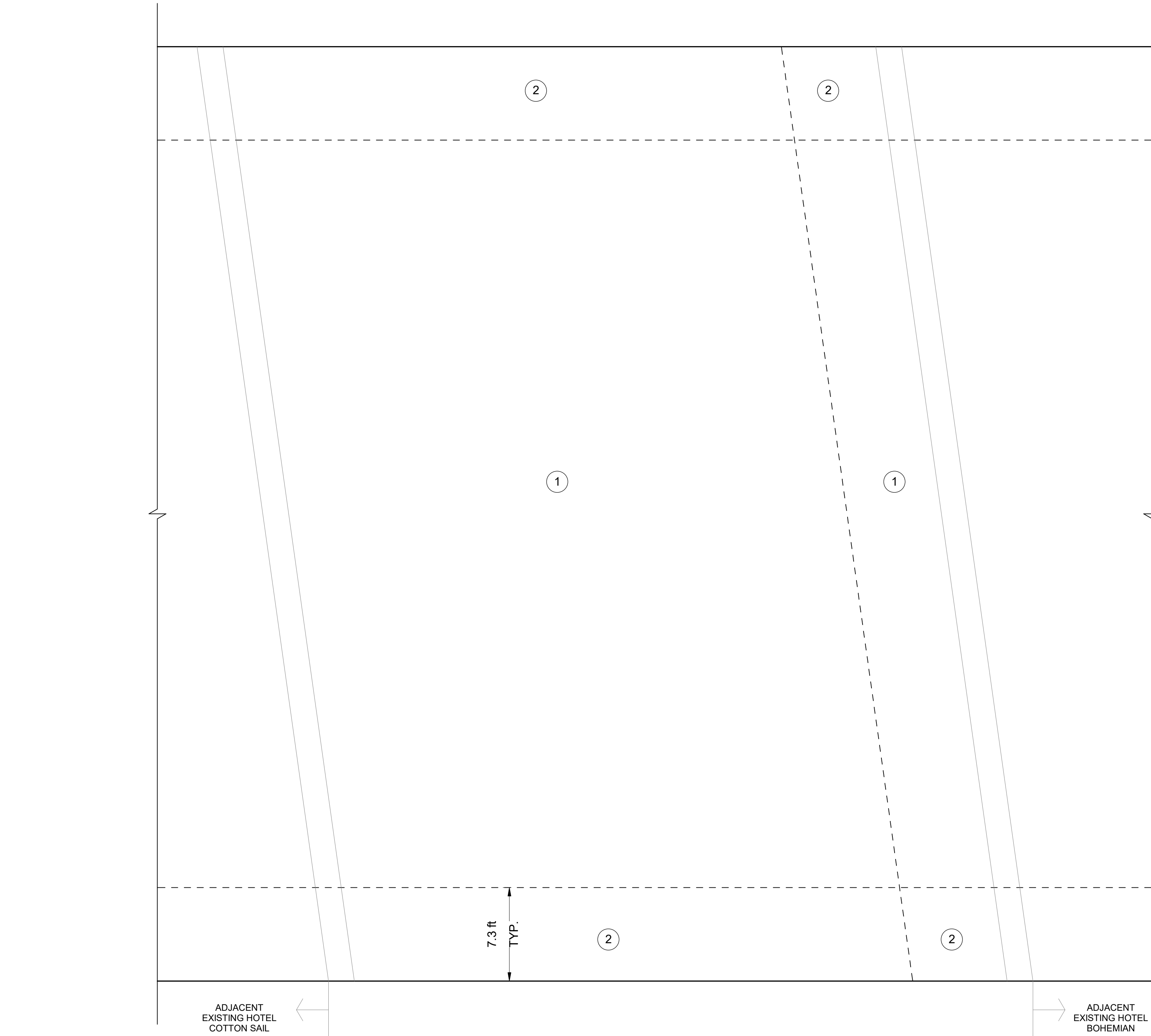
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OWNER: **HOS MANAGEMENT**
PROJECT: **COTTON SAIL HOTEL EXPANSION**
PROJECT ADDRESS: **114 W. BAY STREET
SAVANNAH, GA 31401**
SHEET NAME: **DOOR & WINDOW DETAILS**

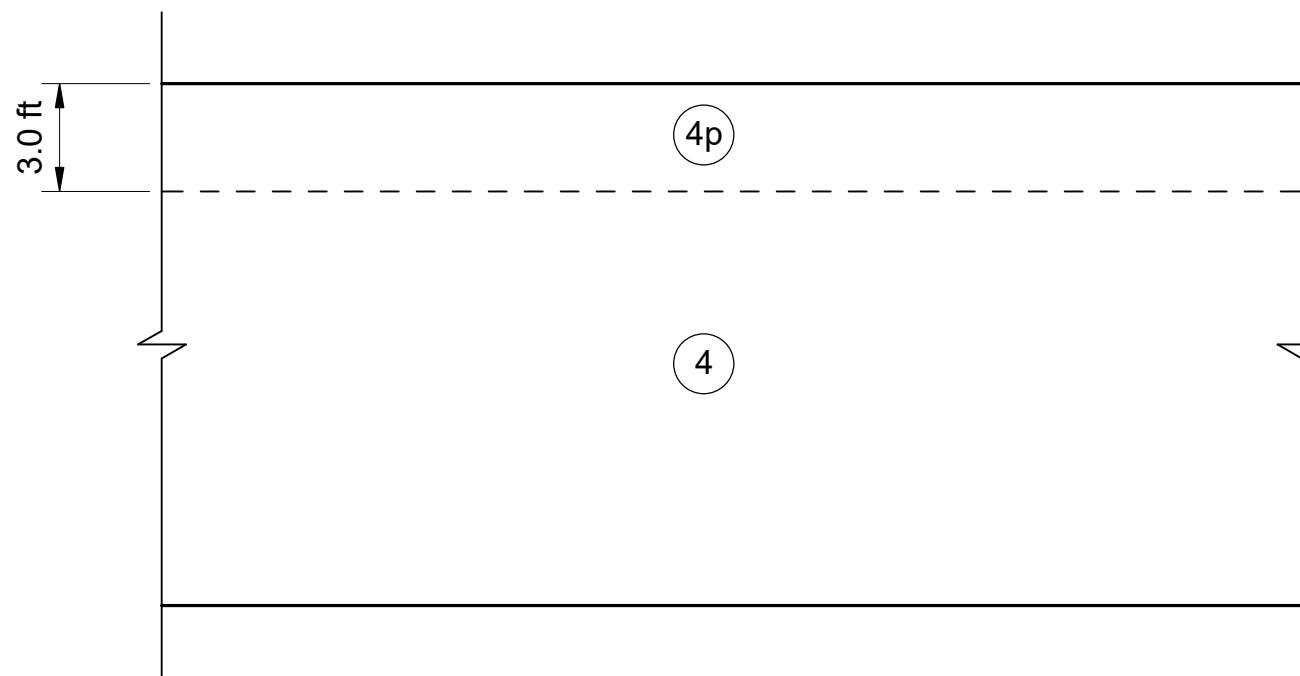
PROJECT NUMBER	23-37
SHEET ISSUE DATE	01/05/24
SUBMITTAL	ISSUE FOR PERMIT

SHEET

A7.10



COMPONENTS AND CLADDING DIAGRAM PLAN



COMPONENTS AND CLADDING DIAGRAM TYPICAL WALL

COMPONENTS AND CLADDING ULTIMATE WIND PRESSURES				
ELEMENT	ZONE	AREA (SQ. FT.)	P _w (PSF)	
			POSITIVE	NEGATIVE
ROOF	1	<=10	16	-82.5
		20	16	-77.9
		50	16	-71.8
		>100	16	-67.1
	2	<=10	16	-129.5
		20	16	-123.0
		50	16	-114.5
		>100	16	-108.0
WALL	4	<=20	56.4	-56.4
		50	51.9	-53.4
		200	45.2	-48.9
		>500	40.7	-45.9
	4p	20	180.7	-180.7
		50	167.5	-167.5
		200	147.7	-147.7
		>500	134.6	-134.6

ROUGH CARPENTRY

- ALL WOOD FRAMING SHALL COMPLY WITH THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS).
- ALL WOOD FRAMING MEMBERS ARE DESIGNED TO ACT AS A SYSTEM ONCE CONSTRUCTION IS COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILITY OF WOOD FRAMING SYSTEMS (I.E. TEMPORARY BRACING) DURING CONSTRUCTION AS A RESULT OF CONSTRUCTION METHODS AND SEQUENCES.
- WOOD FRAMING MATERIALS:
 - DIMENSIONAL LUMBER FOR HORIZONTAL MEMBERS SHALL BE #2 SOUTHERN YELLOW PINE.
 - LAMINATED VENER LUMBER (LV) SHALL BE MICRO LAM LV1 GRADE 2.0E MANUFACTURED BY WEYERHAEUSER TRUS JOIST OR APPROVED EQUIVALENT.
 - PARALLEL STRAND LUMBER (PSL) SHALL BE PARALLAM PSL MANUFACTURED BY WEYERHAEUSER TRUS JOIST OR APPROVED EQUIVALENT WITH THE FOLLOWING GRADES:
 - HEADER AND BEAM SIZES = 2.0E GRADE
 - COLUMN AND POST SIZES = 1.8E GRADE
 - LAMINATED STRAND LUMBER (LSL) SHALL BE TIMBERSTRAND LSL MANUFACTURED BY WEYERHAEUSER TRUS JOIST OR APPROVED EQUIVALENT WITH THE FOLLOWING GRADES:
 - HEADER AND BEAM SIZES = 1.58E GRADE
 - COLUMN AND POST SIZES = 1.3E GRADE
 - WOOD I-JOISTS SHALL BE T3 JOISTS MANUFACTURED BY WEYERHAEUSER TRUS JOIST OR APPROVED EQUIVALENT.
- ALL WOOD FRAMING MATERIAL SHALL BE SURFACED DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT.
- ALL LUMBER EXPOSED TO EXTERIOR ENVIRONMENT OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.25 lbs. OF ACP PER CUBIC FOOT OF WOOD, AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALITY MARK, "ABOVE GRADE USE". ALL LUMBER IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.40 lbs. OF ACP PER CUBIC FOOT OF WOOD, AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALITY MARK, "GROUND CONTACT USE". REFERENCE STANDARD AWPA C2 AND ASTM D1760 FOR PRESSURE TREATMENT OF TIMBER PRODUCTS.
- WHERE POSSIBLE ALL CUTS AND HOLES SHOULD BE COMPLETED BEFORE TREATMENT. CUTS AND HOLES DUE TO ON-SITE FABRICATION SHALL BE BRUSHED WITH 2 COATS OF COPPER NAPHTHENATE SOLUTION CONTAINING A MINIMUM OF 2% METALLIC COPPER IN SOLUTION (PER AWPA STD. M4).
- THE CONTRACTOR SHALL CAREFULLY SELECT LUMBER TO BE USED IN LOAD BEARING APPLICATIONS. THE LENGTH OF SPLIT OR THE WIDE FACE OF 2" NOMINAL LOAD BEARING FRAMING SHALL BE LIMITED TO LESS THAN 1/3 OF THE WIDE FACE DIMENSION. THE LENGTH OF SPLIT ON THE WIDE FACE OF 3" (NOMINAL) AND THICKER LUMBER SHALL BE LIMITED TO 1/3 OF THE NARROW FACE DIMENSIONS.
- LOCATION, NUMBER, AND DIMENSIONS OF FRAMING MEMBERS SHOW GENERAL ARRANGEMENT ONLY. ACTUAL SPANS, SPACINGS, ETC. SHALL BE DETERMINED FROM ARCHITECTURAL DETAILS.
- SEE ARCHITECTURAL PLANS AND DETAILS FOR EDGE SECTIONS, HEADER AND LINTEL LOCATIONS, AND ALL NON-STRUCTURAL FRAMING AND TRIM.
- FOR ALL JOISTS AND RAFTERS, PROVIDE FULL-DEPTH BLOCKING AT ENDS, AT MIDSPAN, AND AT A MAXIMUM SPACING OF 8 FEET IN BETWEEN.
- ALL ENGINEERED WOOD PRODUCTS SHALL BE BRIDGED, BLOCKED, AND BRACED IN CONFORMANCE WITH THE MANUFACTURERS RECOMMENDATION.
- LOAD BEARING STUD WALLS SHALL BE CONTINUOUSLY BRIDGED AT MID-HEIGHT AND UNSUPPORTED PLYWOOD WALL SHEATHING JOINTS WITH SOLID WOOD BLOCKING, UNLESS NOTED OTHERWISE.
- NO CUTS, HOLES, OR COPIES IN STRUCTURAL WOOD FRAMING SHALL BE PERMITTED WITHOUT PRIOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER AND ARCHITECT.
- ALL BOLTS, CARriage BOLTS, LAG SCREWS, EXPANSION BOLTS AND EPOXY BOLTS SHALL BE INSTALLED WITH STANDARD CUT WASHERS UNDER THE BOLT HEADS AND NUTS THAT BEAR DIRECTLY ON THE WOOD. ALL NUTS SHALL BE TIGHTENED AT THE TIME OF INSTALLATION AND RE-TIGHTENED IF NECESSARY, DUE TO WOOD SHRINKAGE, PRIOR TO CLOSE-IN OR AT THE COMPLETION OF THE PROJECT. BOLTS AND LAG SCREWS SHALL CONFORM TO ANSIS/ASME STANDARD B18.2.1. WOOD SCREWS SHALL CONFORM TO B18.6.1. ALL BOLTS SHALL CONFORM TO ASTM A307 GRADE A UNLESS NOTED OTHERWISE. THE MINIMUM STRENGTHS FOR LAG SCREWS AND WOOD SCREWS SHALL BE AS FOLLOWS:

SCREW YIELD STRENGTH		
SCREW DIAMETER	SCREW TYPE	YIELD STRENGTH
#6 (0.138 IN.)	WOOD SCREW	100 KSI
#7 (0.151 IN.)	WOOD SCREW	90 KSI
#8 (0.164 IN.)	WOOD SCREW	90 KSI
#9 (0.177 IN.)	WOOD SCREW	90 KSI
#10 (0.190 IN.)	WOOD SCREW	80 KSI
#12 (0.216 IN.)	WOOD SCREW	80 KSI
#14 (0.246 IN.)	WOOD SCREW	70 KSI
1/2 IN.	LAG SCREW	70 KSI
3/4 IN.	LAG SCREW	60 KSI
1 1/8 IN. AND GREATER	LAG SCREW	45 KSI

- BOLT HOLES SHALL BE CAREFULLY CENTERED AND DRILLED NOT MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER. BOLTED CONNECTIONS SHALL BE SNUG TIGHT BUT NOT TO THE EXTENT OF CRUSHING WOOD UNDER WASHERS.
- LAG SCREWS SHALL BE BORED PER NDS 12.1.4.
- ALL PLATES, ANCHORS, NAILS, BOLTS, NUTS, WASHERS, AND OTHER MISCELLANEOUS HARDWARE SHALL BE HOT DIP GALVANIZED IN PRESERVATIVE-TREATED AND FIRE-RETARDANT-TREATED WOOD.
- ALL NAILS FOR STRUCTURAL WORK SHALL BE COMMON WIRE NAILS UNLESS NOTED OR DETAILED OTHERWISE MEETING ASTM F1667. HOLES SHALL BE PRE-DRILLED WHERE NECESSARY TO PREVENT SPLITTING. NAILS SHALL HAVE THE MINIMUM PROPERTIES SPECIFIED IN THE TABLE BELOW.

NAIL YIELD STRENGTH		
NAIL SIZE	YIELD STRENGTH	
6d (0.133 IN. x 2 IN.)	100 KSI	
8d (0.131 IN. x 2 1/2 IN.)	90 KSI	
10d (0.148 IN. x 3 IN.)	90 KSI	
12d (0.148 IN. x 3 1/4 IN.)	90 KSI	
16d (0.162 IN. x 3 1/2 IN.)	80 KSI	
20d (0.192 IN. x 4 IN.)	80 KSI	

- PROVIDE DOUBLE JOISTS OR SOLID BLOCKING AT 24" O.C. UNDER ALL PARTITIONS AND TO SUPPORT CONCENTRATED LOADS FROM FRAMING ABOVE, UNLESS NOTED OTHERWISE.
- CUTTING AND NOTCHING OF SAWN LUMBER JOISTS, SAWN LUMBER RAFTERS AND STUDS SHALL BE IN CONFORMANCE WITH THE FOLLOWING CRITERIA:
 - JOISTS - NOTCHES AT THE ENDS OF JOISTS SHALL NOT EXCEED 1/15TH THE JOIST DEPTH. HOLES BORED IN JOISTS SHALL NOT BE WITHIN 2 1/2 INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED 1/4TH THE DEPTH OF THE JOIST. NOTCHES IN THE TOP OR BOTTOM OF THE JOISTS SHALL NOT EXCEED 1/15TH THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE THIRD OF THE SPAN.
 - RAFTERS - NOTCHING AT THE ENDS OF RAFTERS OR CEILING JOISTS SHALL NOT EXCEED 1/15TH THE DEPTH. NOTCHES IN THE TOP OR BOTTOM OF THE RAFTER OR CEILING JOIST SHALL NOT EXCEED 1/16TH THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE 1/3RD OF THE SPAN, EXCEPT THAT A NOTCH NOT EXCEEDING 1/3RD OF THE DEPTH IS PERMITTED IN THE TOP OF THE RAFTER OR CEILING JOIST NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER. HOLES BORED IN RAFTERS OR CEILING JOISTS SHALL NOT BE 2 1/2 INCHES OF THE TOP AND BOTTOM AND THEIR DIAMETER SHALL NOT EXCEED 1/4TH THE DEPTH OF THE MEMBER.
 - WALL STUDS - A MAXIMUM OF 2 1/2 INCH DIAMETER NEXTLY BORED HOLE MAY BE PLACED IN THE CENTER OF ALL BEARING 2x6 STUDS WITH NO ADDITIONAL REINFORCEMENT REQUIRED.
- CUTTING AND NOTCHING OF ENGINEERED WOOD PRODUCTS SHALL ADHERE TO THE ALLOWANCES PROVIDED BY THE MANUFACTURER.

WOOD STRUCTURAL PANELS

- ALL WOOD STRUCTURAL PANELS SHALL BE APA TRADEMARKED STRUCTURAL-USE PANELS QUALIFIED AND MANUFACTURED IN ACCORDANCE WITH APA PRP-108 (PERFORMANCE STANDARDS AND QUALIFICATION POLICY FOR STRUCTURAL-USE PANELS) AND U.S. DEPARTMENT OF COMMERCE VOLUNTARY PRODUCT STANDARDS PS 1-09 (STRUCTURAL PLYWOOD) AND PS 2-04 (PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE PANELS) AND SHALL BE IDENTIFIED BY THE MARK OF AN APPROVED TESTING AND GRADING AGENCY.

WOOD STRUCTURAL PANELS				
USAGE	THICKNESS	CONSTRUCTION	BOND CLASSIFICATION	PANEL GRADE
ROOF	1 1/2 IN.	OSB	EXP. 1	SHEATHING
FLOOR	1 1/2 IN.	PLYWOOD	EXP. 1	SINGLE FLOOR

- ALL FLOOR PANELS SHALL BE TONGUE & GROOVE. FIELD-GLUE USING ADHESIVES MEETING APA SPECIFICATIONS AFG-01, APPLIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
- INSTALL ALL PANELS AT FLOOR AND ROOF WITH THE LONG DIMENSIONS OF THE PANEL ACROSS SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. STAGGER PANEL END JOINTS. ALLOW 18" SPACING AT PANEL ENDS AND EDGES UNLESS OTHERWISE RECOMMENDED BY THE PANEL MANUFACTURER.
- PROVIDE BLOCKING AT UNSUPPORTED PANEL EDGES AS FOLLOWS:
 - ROOFS - FULLY BLOCKED. WHERE BLOCKING IS NOT SPECIFICALLY REQUIRED FOR THE ROOF SHEATHING, PLY CLIPS OR TONGUE AND GROOVE PLYWOOD SHALL BE USED.
 - FLOORS - UNBLOCKED.
- ALL NAILS FOR PANEL ATTACHMENT SHALL NOT BE OVERDRIVEN.
- WHERE EITHER 2" OR 2 1/2" FASTENER SPACINGS ARE USED FOR WOOD STRUCTURAL PANELS USED AT ROOF OR FLOOR, THE FRAMING MEMBER AT THE ADJOINING PANEL SHALL BE 3" NOMINAL WIDTH AND THE NAILS AT PANEL EDGES SHALL BE STAGGERED IN TWO LINES.
- NAILS AT ABUTTING PANEL EDGES MUST PENETRATE THE SAME PIECE OF FRAMING OR BLOCKING.

MASONRY RESTORATION

- THE PRINCIPAL AIM OF THE INCLUDED WORK IS TO HALT THE PROCESS OF DETERIORATION AND STABILIZE THE STRUCTURE CONDITION. REPAIR IS A SECONDARY OPTION WHEN PRESERVATION IS NOT SUFFICIENT TO ENSURE MID- TO LONG-TERM SURVIVAL. REPAIR SHOULD BE PERFORMED WITH MINIMAL DISTURBANCE TO THE EXISTING STRUCTURE.
- NOTIFY ENGINEER OF RECORD AND OWNER OF VISIBLE CHANGES IN THE INTEGRITY OF MATERIAL OR COMPONENTS WHETHER DUE TO ENVIRONMENTAL CAUSES INCLUDING BIOLOGICAL ATTACK, UV DEGRADATION, FREEZING, OR THAWING, OR DUE TO STRUCTURAL DEFECTS INCLUDING CRACKS, MOVEMENT, OR DISTORTION. DO NOT PROCEED WITH THE WORK IN QUESTION UNTIL DIRECTED BY ENGINEER OF RECORD.
- DO NOT PERFORM ANY MASONRY RESTORATIONS UNLESS AIR TEMPERATURES ARE BETWEEN 40 DEGREES FAHRENHEIT AND 95 DEGREES FAHRENHEIT AND WILL REMAIN SO FOR AT LEAST 48 HOURS AFTER COMPLETION OF WORK.
- BRICKS USED IN MASONRY RESTORATION SHALL BE RECLAIMED OR SAVANNAH GRAY PROVIDED BY CHEROKEE BRICK & TILE COMPANY. BRICKS SHALL BE SOAKED SUCH THAT THE UNITS ARE NEARLY SATURATED WITH A SURFACE DRY APPEARANCE AT THE TIME OF LAYING.
- MORTAR USED IN MASONRY RESTORATION SHALL BE ASTM C270 TYPE K (SEE APPENDIX) WITH 1 PART PORTLAND CEMENT, 4 PARTS LIME, AND 15 PARTS SAND.
 - PORTLAND CEMENT - ASTM C150, TYPE I
 - LIME - NATURAL HYDRAULIC LIME, U.S. HERITAGE "NH3 5.5"
 - SAND - ASTM C144
- ALL MORTAR JOINTS SHALL BE CLEANED USING A NATURAL OR NYLON SOFT-BRISTLE BRUSH TO REMOVE LOOSE DISENTEGRATED MORTAR AND OTHER DEBRIS. ANY JOINT WHERE EXISTING MORTAR IS REMOVED TO A DEPTH GREATER THAN 1/3RD OF THE BRICK DEPTH, SHALL BE REPOINTED.
- MORTAR REPOINTING SHALL BE PREPARED AND PLACED IN ACCORDANCE WITH THE DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE PRESERVATION BRIEF 2, "REPOINTING MORTAR JOINTS IN HISTORIC MASONRY BUILDINGS" AND IN COMPLIANCE WITH THE GUIDELINES SET FORTH BY THE SECRETARY OF THE INTERIOR'S STANDARDS FOR REHABILITATION.
- ALL BRICK SURFACES WHERE EXISTING MORTAR JOINTS ARE REMOVED TO A DEPTH GREATER THAN THAN 1/2" BUT LESS THAN 1/3RD OF THE BRICK DEPTH (AREAS NOT REPOINTED) SHALL BE TREATED WITH PROSOCO CONSERVARE H160 CONSOLIDATION TREATMENT WITH 2 OR 3 CYCLES OF 3 SUCCESSIVE APPLICATIONS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
- REMOVE DAMAGED OR LOOSE MASONRY WITHOUT CUTTING ADJACENT BRICK. ADDITIONAL BRICK SHALL BE REMOVED TO PROVIDE PROPER TOOTHING OF RELIAD BRICK. REMOVAL SHALL BE SEQUENCED OR SUPPORTED WITH SHORING TO ASSURE OVERALL STRUCTURAL STABILITY OF ADJACENT MASONRY, WHERE WORK REQUIRES EXISTING FEATURES TO BE REMOVED OR DISMANTLED AND REINSTALLED, PERFORM THESE OPERATIONS WITHOUT DAMAGE TO THE MATERIAL ITSELF, TO ADJACENT MATERIALS, OR TO THE SUBSTRATE.
- FOR FEATURES TO BE REMOVED OR DISMANTLED, EXAMINE CONSTRUCTION TO DETERMINE BEST METHODS TO SAFELY AND EFFECTIVELY PERFORM REMOVAL AND DISMANTLING WORK. EXAMINE ADJACENT WORK TO DETERMINE WHAT PROTECTIVE MEASURES WILL BE NECESSARY.
- PROVIDE SUPPORT OR REINFORCEMENT FOR EXISTING CONSTRUCTION THAT BECOMES TEMPORARILY WEAKENED BY THE WORK, UNTIL THE WORK IS COMPLETED.
- REMOVAL AND DISMANTLING SHALL BE PERFORMED BY HAND OR WITH SMALL POWER TOOLS WHEREVER POSSIBLE. CUT HOLES AND SLOTS NEATLY TO SIZE REQUIRED, WITH MINIMUM DISTURBANCE TO ADJACENT WORK. DO NOT USE PRY BARS.
- RECONSTRUCT MASONRY WALLS, ARCHES, JAMBS OR OTHER ELEMENTS TO MATCH THE ORIGINAL CONFIGURATION OF THE MASONRY. TOOTH NEWLY LAID MASONRY INTO EXISTING MASONRY USING WHOLE UNITS IN FRESH MORTAR.
- TO SECURE NEWLY LAID BRICKS WITHIN EXISTING WYTHE, USE 1/4" Ø x 6" Ø THREADED STAINLESS STEEL RODS EMBEDDED 3" MINIMUM IN EVERY THIRD MORTAR JOINT.
- TO SECURE NEWLY LAID OUTER WYTHE OF BRICK TO EXISTING BACKING INNER WYTHES, USE 6mm Ø x 61/8" SPIRAL-LOK HELICAL TIES @ 16" O.C. VERTICALLY.
- WOOD ITEMS SET IN MASONRY TO BE REMOVED SHALL BE REMOVED COMPLETELY; PORTIONS OF THE WOOD ITEMS SHALL NOT REMAIN EMBEDDED. FILL VOIDS WITH NEW BRICK.
- MORTAR SHALL BE CURED TO PREVENT DRYING TOO QUICKLY. MIST THE REPOINTED MASONRY JOINTS AND ADJACENT MASONRY TO KEEP SLIGHTLY DAMP. PROVIDE PLASTIC SHEETING OVER REPOINTED AREAS FOR 7 DAYS.
- TRANSVERSE CRACKS SHALL BE TREATED BY INJECTING GROUT INTO THE LOWEST PORT AND CONTINUE UNTIL IT FLOWS FREELY FROM THIS PORT AND OTHER PORTS AT THE SAME LEVEL.
- LATERAL CRACKS SHALL BE TREATED BY INJECTING GROUT INTO LOWER LEFT PORT AND PROCEED UNTIL IT FLOWS FREELY FROM THIS PORT AND OTHER PORTS AT THE SAME LEVEL. WHERE NECESSARY, INSERT THREADED STAINLESS STEEL COWELS AFTER SOME GROUT HAS BEEN INJECTED. AGITATE OR TAP SEVERAL TIMES TO REMOVE ANY VOIDS OR AIR POCKETS. REMOVE STAINLESS STEEL THREADED ROD AND INJECT THE REMAINDER OF THE GROUT UNTIL PORT IS FULL AND GROUT FLOWS FREELY FROM OTHER PORT AT THE SAME LEVEL. PROCEED TO INJECT WITH LOWER RIGHT, UPPER LEFT, AND UPPER RIGHT IN THE SAME MANNER.

POST-INSTALLED REBAR, ANCHORS, AND FASTENERS

- THE PRODUCTS BELOW ARE THE DESIGN BASIS FOR THIS PROJECT. PRODUCT DIAMETER AND EMBEDMENT SHALL BE AS SHOWN IN THE DETAILS. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS (MPL). CONTRACTOR SHALL CONTACT MANUFACTURERS REPRESENTATIVE FOR PRODUCT INSTALLATION TRAINING AND A LETTER SHALL BE SUBMITTED TO THE ENGINEER OF RECORD INDICATING THAT TRAINING HAS TAKEN PLACE. REFER TO THE PROJECT BUILDING CODE AND/OR EVALUATION REPORT FOR SPECIAL INSPECTIONS AND PROOF LOAD REQUIREMENTS. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE LISTED BELOW MAY BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER OF RECORD FOR REVIEW. SUBSTITUTIONS WILL ONLY BE CONSIDERED FOR PRODUCTS HAVING A RESEARCH REPORT RECOGNIZING THE PRODUCT FOR THE APPROPRIATE APPLICATION UNDER THE PROJECT BUILDING CODE. SUBSTITUTION REQUESTS SHALL INCLUDE CALCULATIONS THAT DEMONSTRATE THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE EQUIVALENT PERFORMANCE VALUES OF THE DESIGN BASIS PRODUCT.

FOR ANCHORING INTO HOLLOW CONCRETE MASONRY:

- MECHANICAL ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC106. PRE-APPROVED PRODUCTS INCLUDE:
 - SIMPSON STRONG-TIE TITEN-ND (ICC-ES ESR-1056)
- ADHESIVE FOR REBAR AND ANCHORS WITH SCREEN TUBES SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC68. THE APPROPRIATE SCREEN TUBE SHALL BE USED AS RECOMMENDED BY THE ADHESIVE MFR. PRE-APPROVED PRODUCTS INCLUDE:
 - SIMPSON STRONG-TIE SET-XP (ICC-ES ESR-2508)
 - DEWALT AC100+ GOLD (ICC-ES ESR-3200)
- POWER-ACTUATED FASTENERS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC70. PRE-APPROVED PRODUCTS INCLUDE:
 - SIMPSON STRONG-TIE GAS ACTUATED PINS (ICC-ES ESR-2811)
 - SIMPSON STRONG-TIE POWDER ACTUATED PINS (ICC-ES ESR-2138)
 - DEWALT GAS ACTUATED FASTENERS (ICC-ES ESR-3275)

FOR FASTENING INTO STEEL:

- POWER-ACTUATED FASTENERS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC70. PRE-APPROVED PRODUCTS INCLUDE:
 - SIMPSON STRONG-TIE "GAS ACTUATED PINS" (ICC-ES ESR-2811)
 - SIMPSON STRONG-TIE "POWDER ACTUATED PINS" (ICC-ES ESR-2138)
 - DEWALT GAS ACTUATED FASTENERS (ICC-ES ESR-3275)
 - DEWALT POWDER ACTUATED FASTENERS (ICC-ES ESR-2024)
 - HILTI XU (ICC-ES ESR-2289)



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No.	Description	Date

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
GENERAL NOTES & C&C DIAGRAM

PROJECT NUMBER	20.019
SHEET ISSUE DATE	01/02/2024
SUBMITTAL	PERMIT

SHEET



A
3/16" = 1'-0"

LEVEL 03 FRAMING PLAN



B
3/16" = 1'-0"

LEVEL 04 FRAMING PLAN



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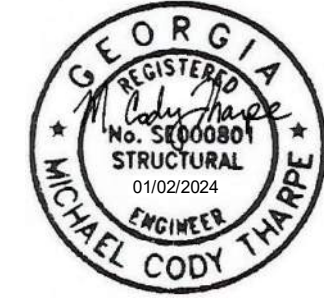
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PROJECT ADDRESS: 114 W. BAY STREET, SAVANNAH, GA 31401
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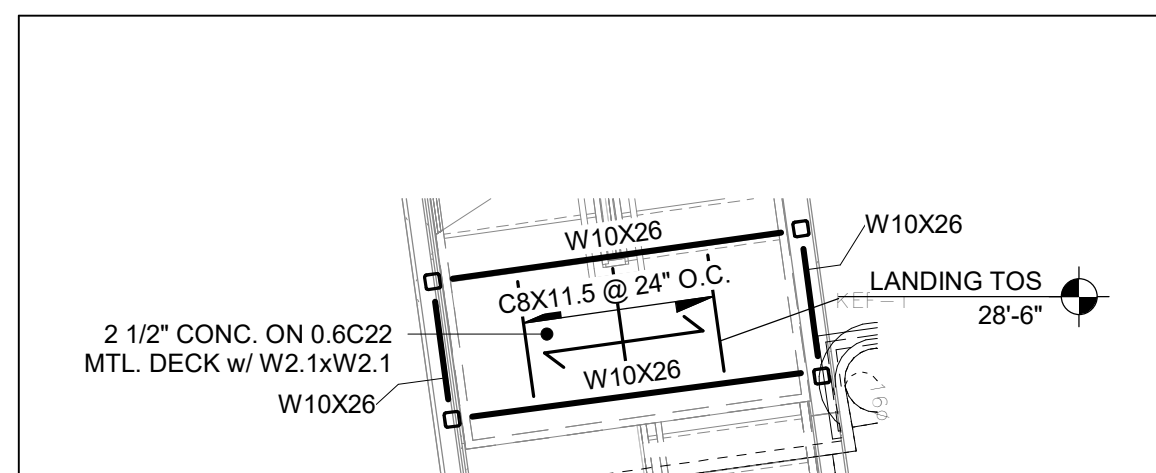
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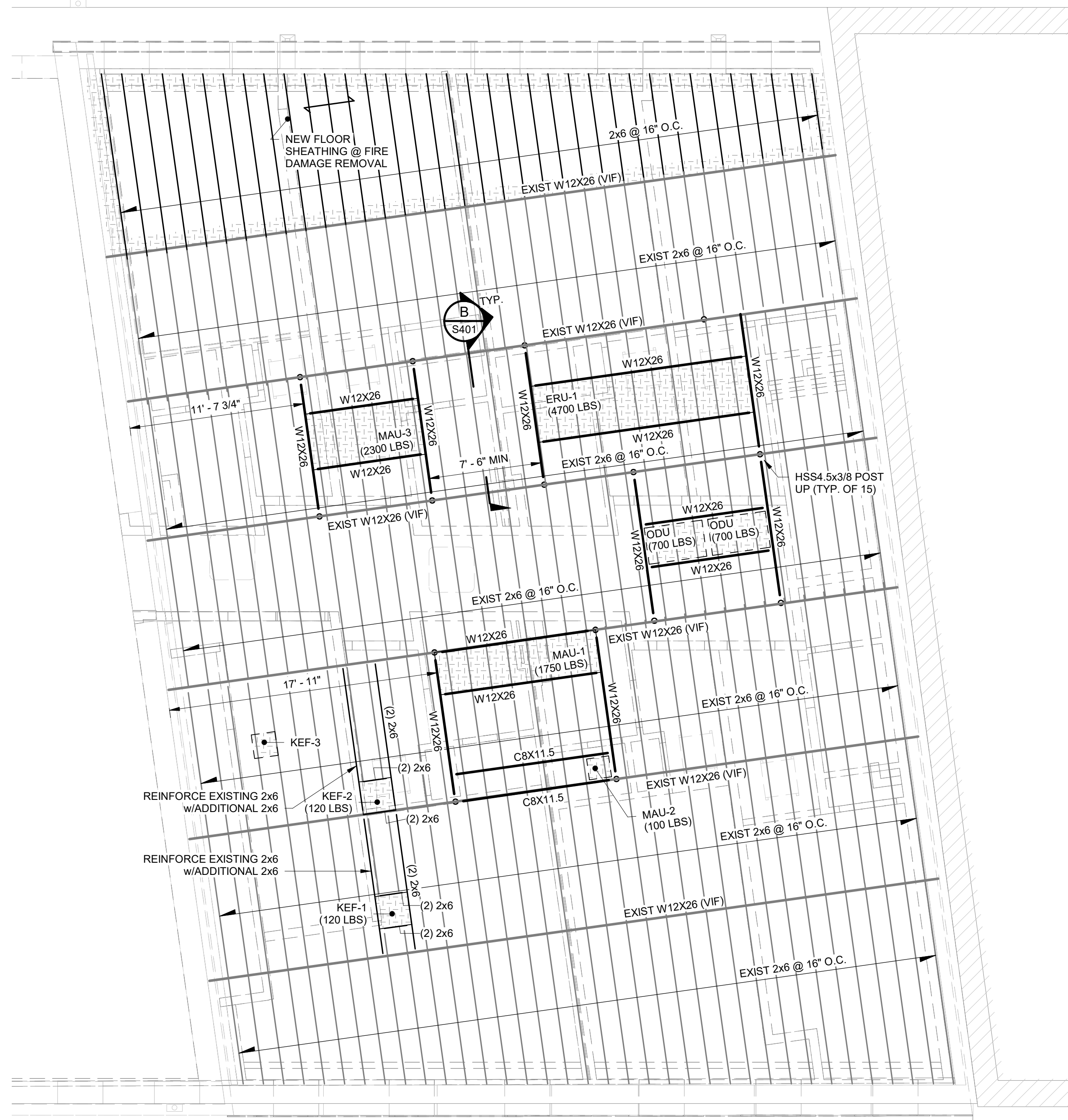
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NOTES
1. CONNECT (4) LVL TO EXISTING BUILT-UP WOOD BEAM USING SIMPSON HB7.12/11.88 TOP FLANGE HANGER.



B STAIR LANDING PLAN
1/4" = 1'-0"



NOTES
1. COORDINATE MECHANICAL PLATFORM DIMENSIONS WITH FINAL ROOFTOP UNIT SELECTION. LOCATE PER ARCH AND MEP TO ENSURE ADEQUATE SERVICE CLEARANCES.



TRUE
NORTH

A LEVEL 05 FRAMING PLAN
3/16" = 1'-0"

C LEVEL 06 FRAMING PLAN
3/16" = 1'-0"

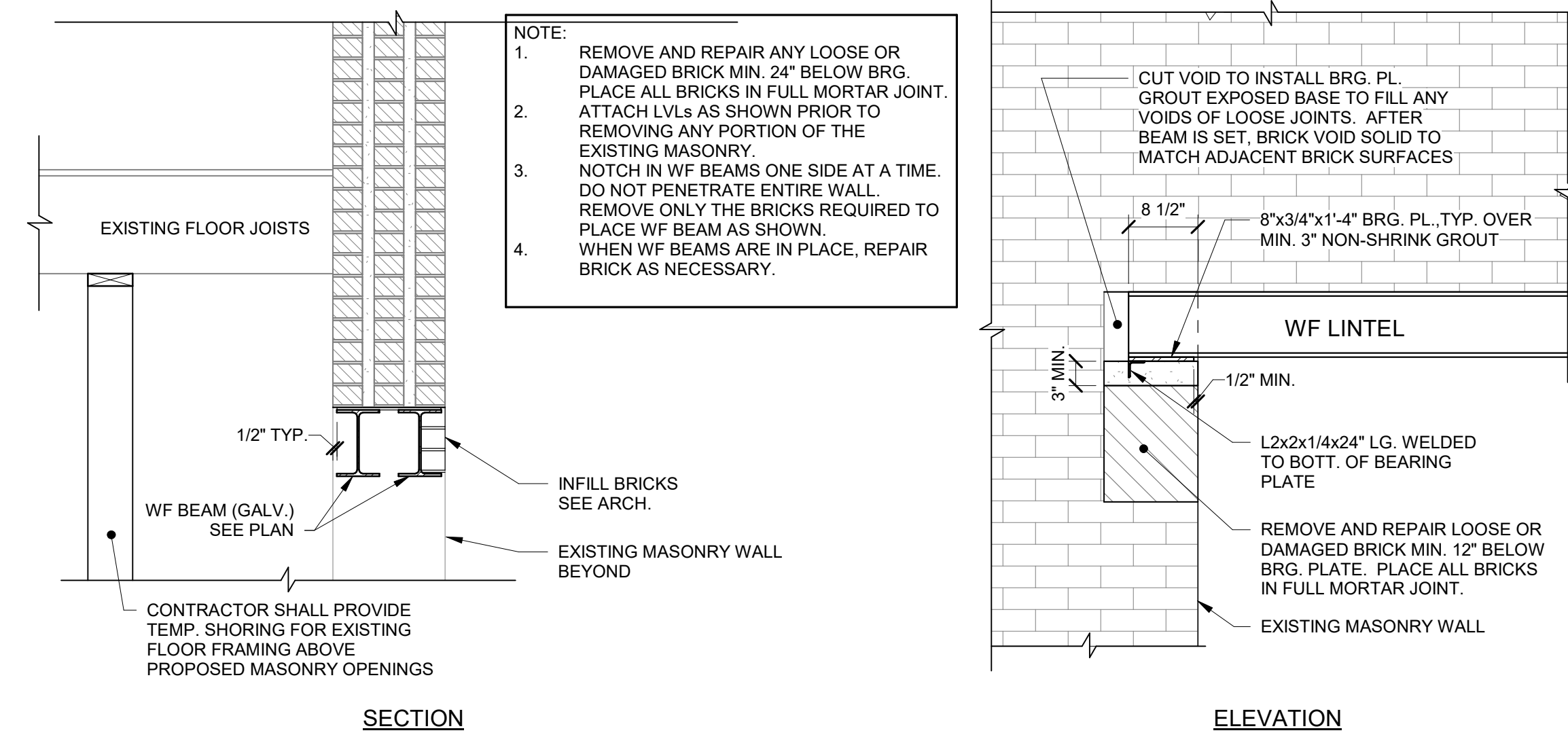
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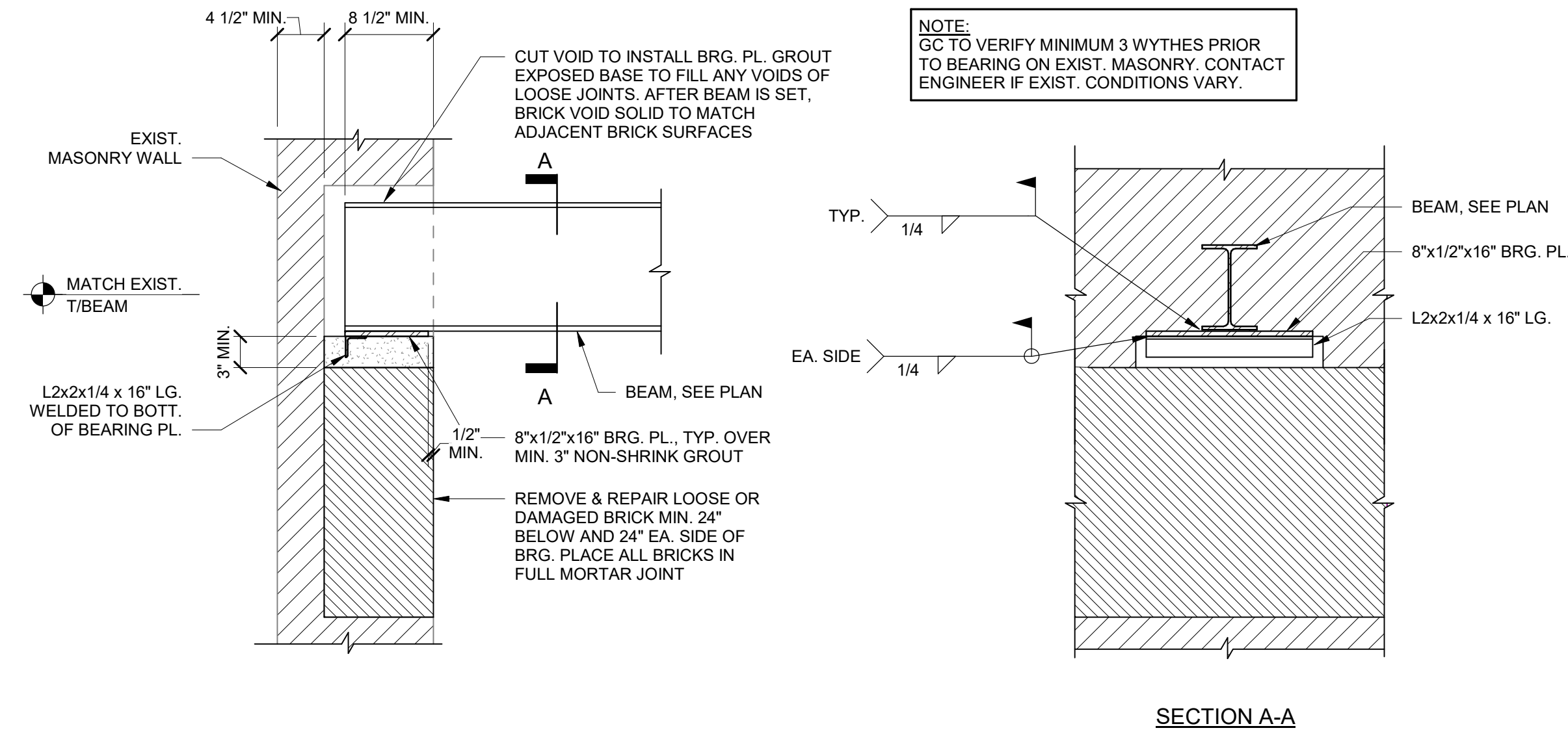
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SHEET

S102

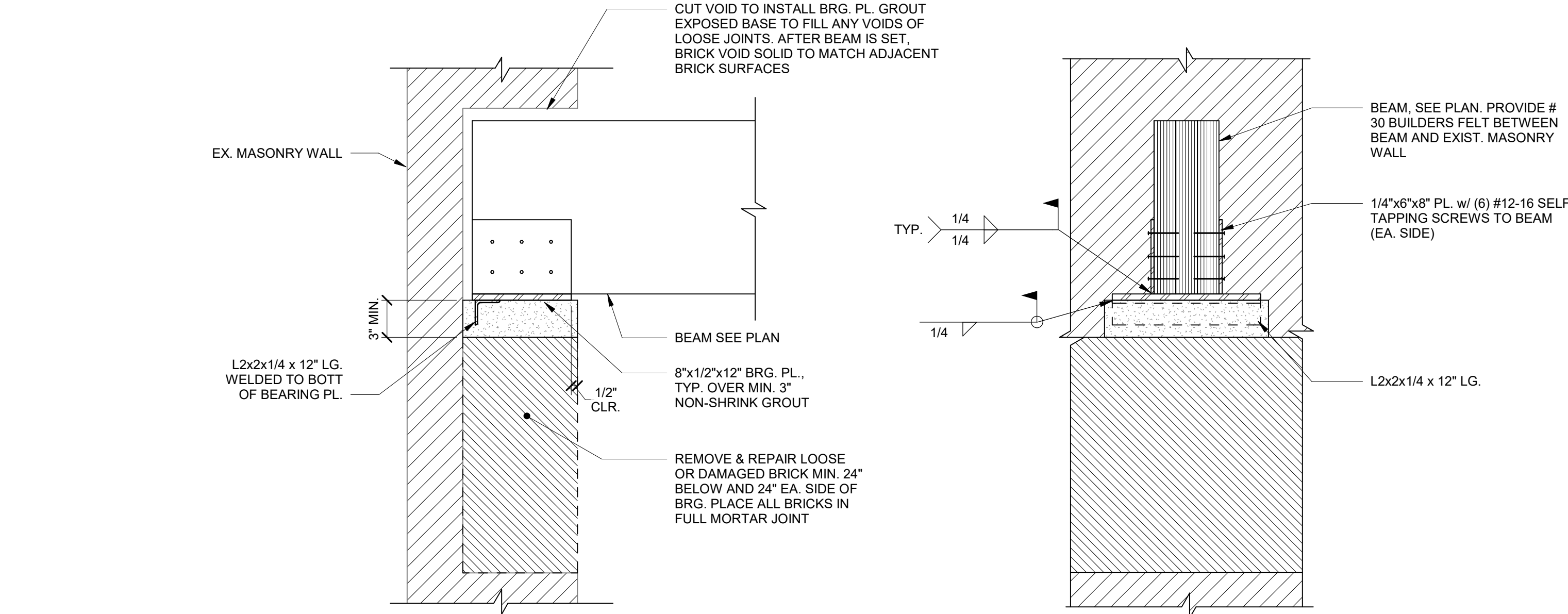
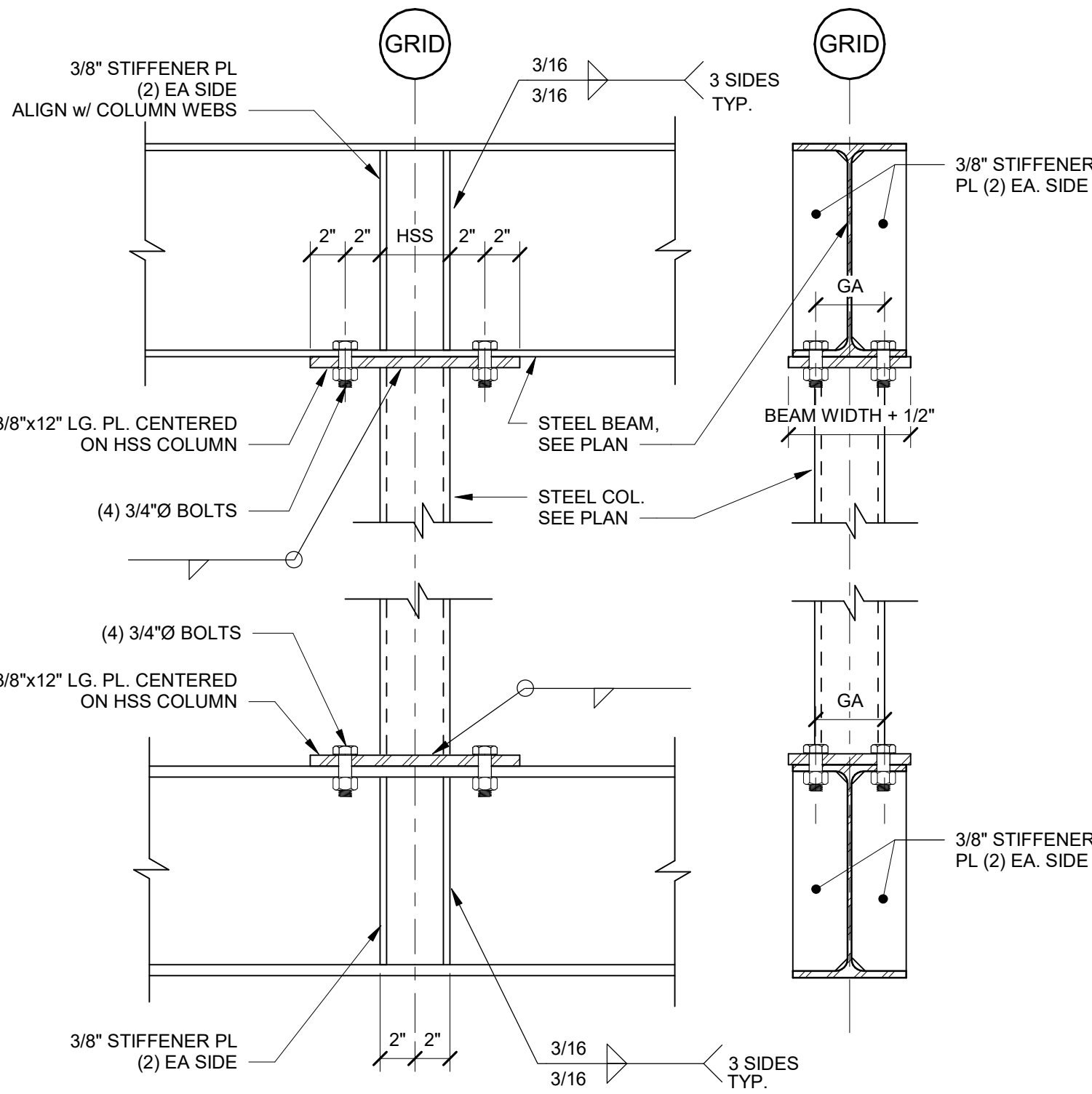


A
3/4" = 1'-0" TYPICAL NEW OPENING IN EXISTING MASONRY WALL LINTEL DETAIL

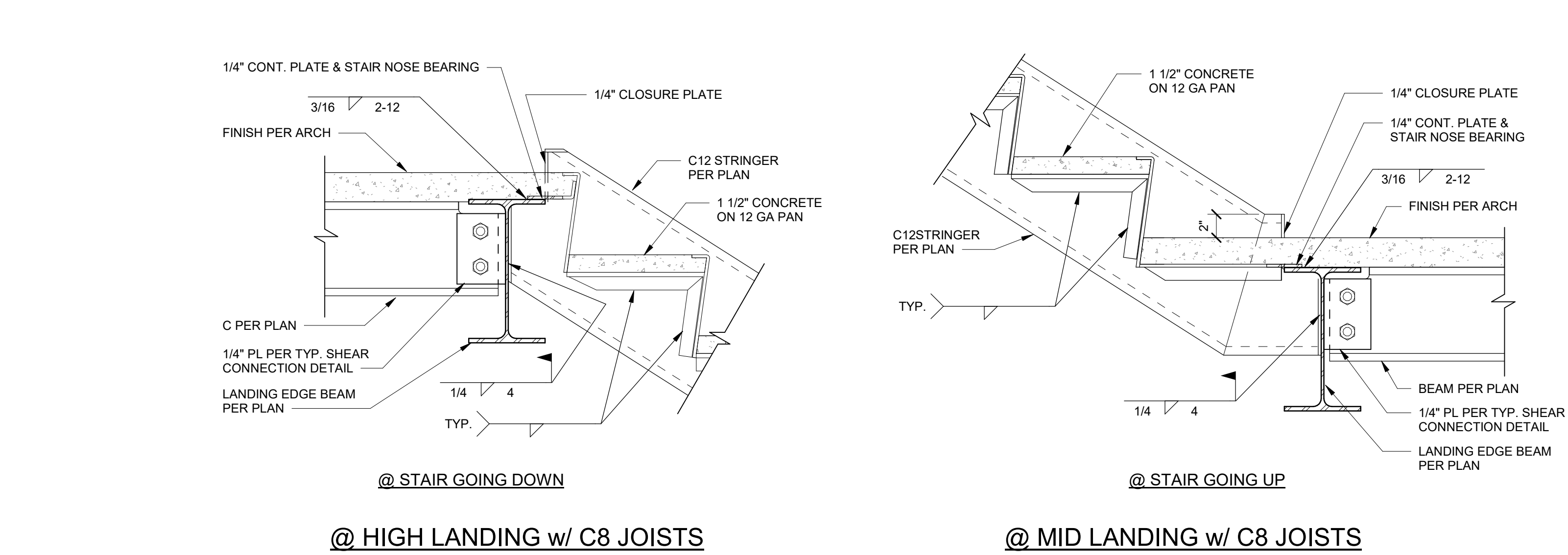


B
1" = 1'-0" WF BEAM BEARING ON EXISTING MASONRY

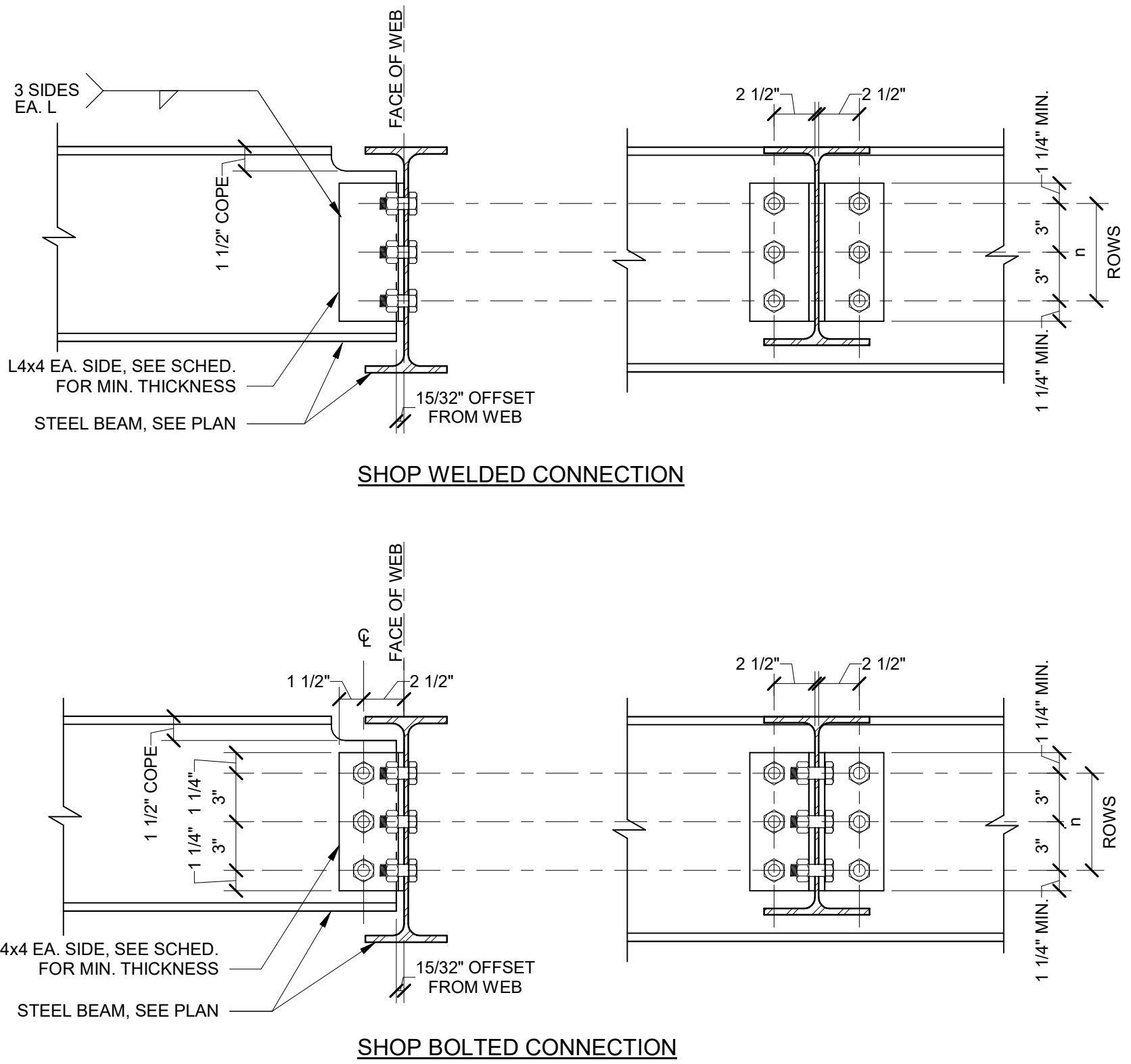
C
1 1/2" = 1'-0" TYPICAL POST TO BEAM CONNECTIONS



D
1 1/2" = 1'-0" NEW WOOD BEAM BEARING IN EXISTING MASONRY WALL



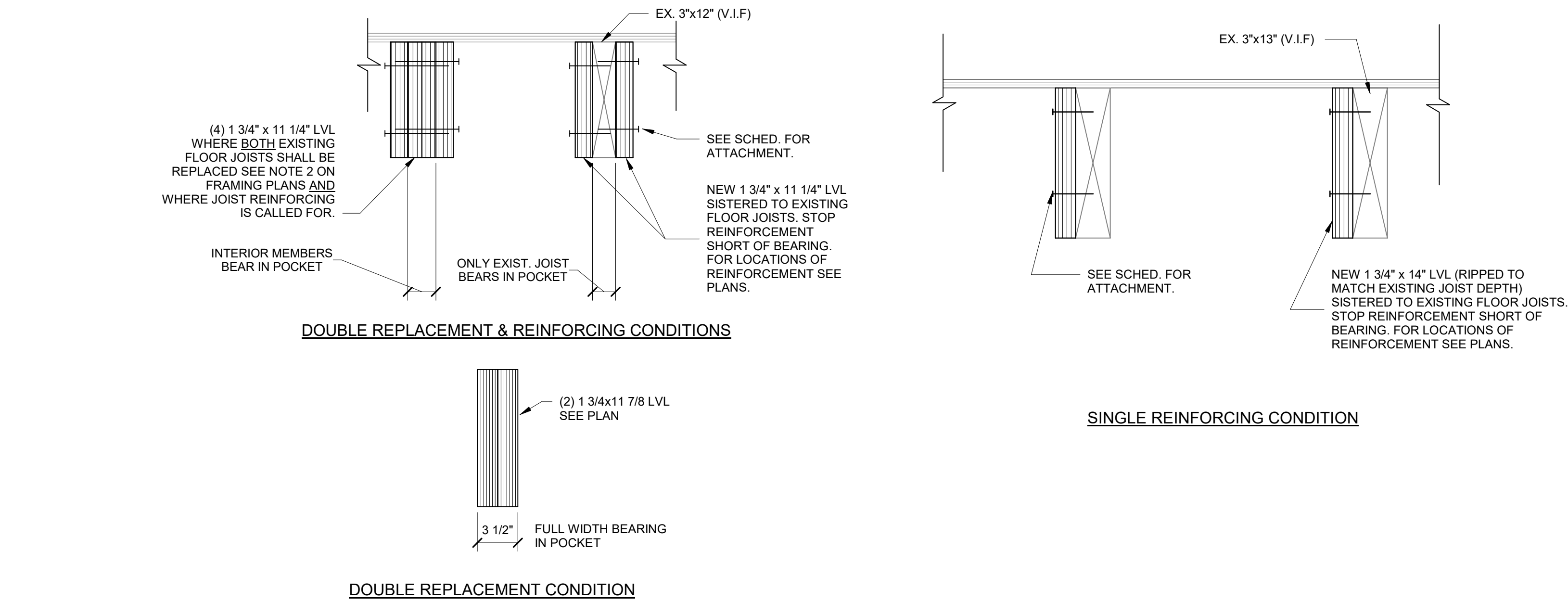
E
1 1/2" = 1'-0" METAL STAIR STRINGER TO LANDING & FLOOR FRAMING DETAILS



F
1 1/2" = 1'-0" TYPICAL BEAM TO BEAM SHEAR CONNECTION

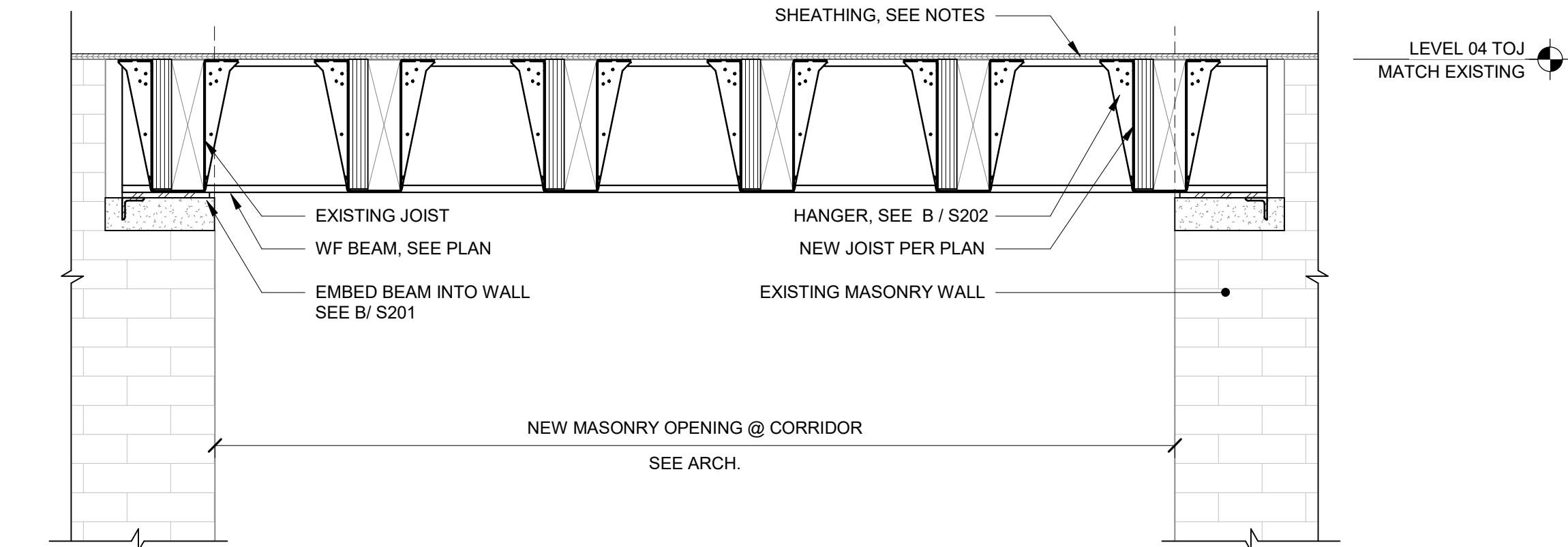
BEAM SIZE	# ROWS OF 3/4"Ø BOLTS, 'n'	MIN. L THICKNESS
W8, W10, C8, C10	2	1/4"
W12, W14, C12	3	1/4"
W16, W18	4	5/16"
W21, W24	5	5/16"
W27, W30, W33	6	5/16"

NOTE:
DOUBLE ANGLES MAY BE SHOP WELDED OR SHOP BOLTED TO BEAM AT SUPPLIER'S OPTION.



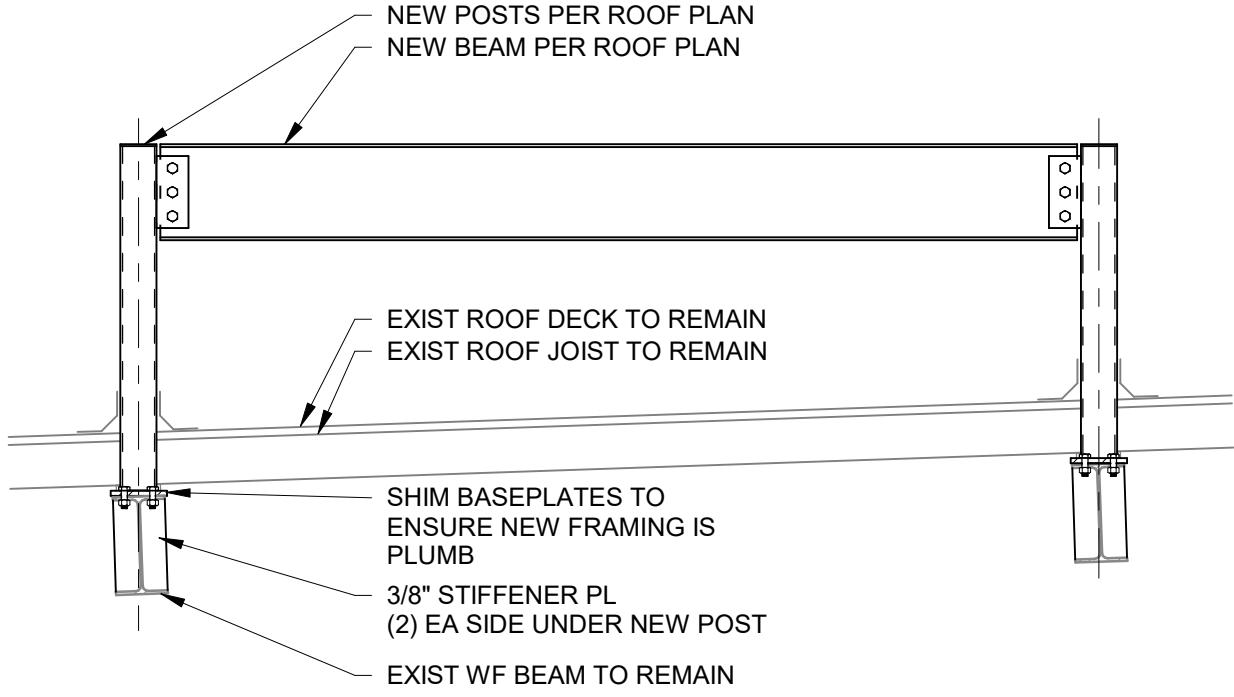
G
1 1/2" = 1'-0" TYPICAL JOIST REINFORCEMENT & REPLACEMENT

No.	Description	Date

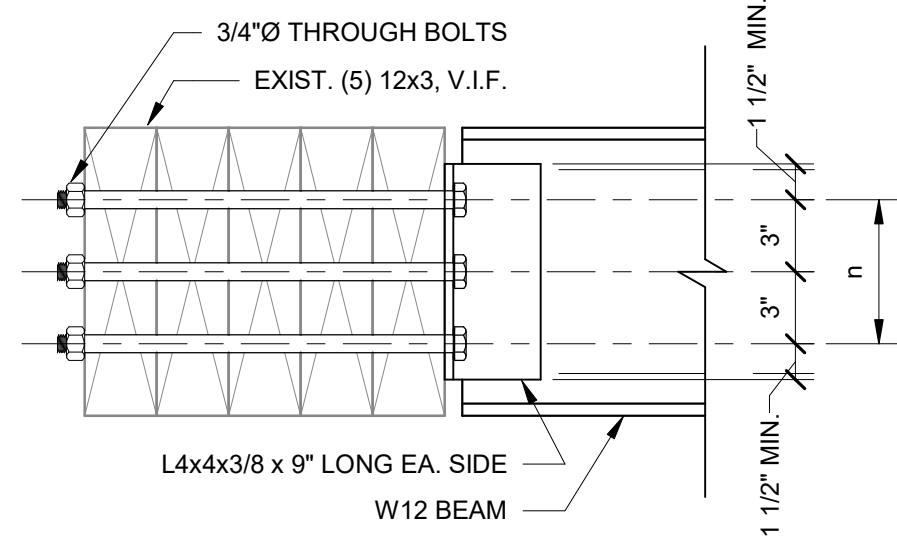


A SECTION - CORRIDOR FLOOR HEADER @ MASONRY OPENING
1" = 1'-0"

NOTE:
ROOFING, INSULATION, AND FLASHING SHOWN FOR REFERENCE ONLY. SEE ARCH. DWGS.



B SCHEMATIC SECTION - NEW MECHANICAL ROOF PLATFORM
1/2" = 1'-0"



C SECTION - DOUBLE ANGLE CONNECTION BETWEEN W12 AND (5) 3x12 BEAM
1 1/2" = 1'-0"



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SHEET NAME: **FRAMING SECTIONS**

PROJECT NUMBER	20.019
SHEET ISSUE DATE	01/02/2024
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SHEET

S401

LEGEND		
TAG	SYMBOL	DESCRIPTION
A/C		ABOVE CEILING
AHU		AIR HANDLER
BDD		BACKDRAFT DAMPER
BF		BELOW FLOOR
CD		CEILING DIFFUSER
CWS&R		CONDENSER WATER SUPPLY & RETURN
CFM		CUBIC FOOT PER MIN.
DB		DRY BULB
		NEW DUCT WORK
EXIST.		EXISTING DUCT / PIPE
EAT		ENTERING AIR TEMPERATURE
EWI		ENTERING WATER TEMPERATURE
EF		EXHAUST FAN
ER		EXHAUST REGISTER
ESP		EXTERNAL STATIC PRESSURE
FD		FIRE DAMPER
F/SD		COMBINATION FIRE & SMOKE DAMPER
		VERTICAL FIRE DAMPER
		VERTICAL COMBINATION FIRE & SMOKE DAMPER
HP		HORSEPOWER
LAT		LEAVING AIR TEMPERATURE
LWT		LEAVING WATER TEMPERATURE
MD		MANUAL DAMPER
		MOTOR OPERATED DAMPER
OA		OUTSIDE AIR
RA		RETURN AIR
RAG		RETURN AIR GRILLE
SA		SUPPLY AIR
SR		SUPPLY REGISTER
		THERMOSTAT
		BALL VALVE
WSPH		WATER SOURCE HEAT PUMP

SPECIFICATIONS

SECTION 230100 - GENERAL:

A. GENERAL

- CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, TOOLS AND LABOR NECESSARY TO PROVIDE A COMPLETE MECHANICAL SYSTEM COMPLIANT WITH ALL REQUIRED CODES & STANDARDS.
- DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED.
- ALL REQUIRED PERMITS & INSPECTIONS SHALL BE SECURED & PAID FOR UNDER THIS CONTRACT. INSPECTION CERTIFICATIONS SHALL BE PROVIDED TO THE OWNER.
- CONTRACTOR SHALL VISIT THE SITE TO THOROUGHLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. IF EXISTING CONDITIONS DIFFER FROM DESIGN DOCUMENTS IN SUCH A MANNER THAT AFFECTS PRICING, THE CONTRACTOR SHALL ADJUST THE BID ACCORDINGLY AND NOTIFY THE OWNER & ENGINEER PRIOR TO SUBMITTING THE BID. NO ALLOWANCES WILL BE MADE FOR LACK OF KNOWLEDGE REGARDING THE EXISTING CONDITIONS.

B. VIBRATION ISOLATION

- VIBRATION ISOLATION SHALL BE PROVIDED FOR ALL MOTOR DRIVEN EQUIPMENT SUSPENDED FROM STRUCTURE OR MOUNTED ON FLOOR. VIBRATION ISOLATORS SHALL BE SIZED PER EQUIPMENT MANUFACTURER'S REQUIREMENTS.

C. IDENTIFICATION

- PERMANENT BAKELITE TAGS WITH 1" TALL LETTERS SHALL BE PROVIDED FOR ALL EQUIPMENT. EQUIPMENT NUMBERING SHALL MATCH BUILDING STANDARDS.

D. STARTERS

- ALL MOTORS SHALL BE PROVIDED WITH MAGNETIC MOTOR STARTERS WITH OVERLOAD PROTECTION.
- STARTERS SHALL BE PROVIDED WITH HAND-OFF-AUTO SWITCHES.
- INDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 1 ENCLOSURE.
- OUTDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 3R ENCLOSURE.

E. SUBMITTALS & SHOP DRAWINGS

- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS & PRODUCT DATA FOR ALL MECHANICAL EQUIPMENT & SYSTEMS TO BE PROVIDED AND/OR INSTALLED.

F. SUBSTITUTE MANUFACTURERS

- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION & COST OF ALL CHANGES REQUIRED FOR INSTALLATION OF EQUIPMENT & PRODUCTS MANUFACTURED BY THOSE OTHER THAN WHAT IS SPECIFIED IN THE CONTRACT DOCUMENTS.
- CAREFULLY COORDINATE SUBSTITUTE MANUFACTURER'S INSTALLATION REQUIREMENTS WITH ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO STRUCTURE, ELECTRICAL, PLUMBING AND ARCHITECTURAL. ALL INSTALLATION COSTS ASSOCIATED WITH INSTALLATION OF SUBSTITUTE MANUFACTURER SHALL BE INCLUDED IN BID. NO ALLOWANCES SHALL BE GIVEN FOR CHANGES ASSOCIATED WITH INSTALLATION OF SUBSTITUTE EQUIPMENT & SYSTEMS.
- LISTING OF A MANUFACTURER AS AN "EQUAL" DOES NOT RELIEVE CONTRACTOR'S RESPONSIBILITY OF COORDINATION & COST ASSOCIATED WITH CHANGES REQUIRED TO OTHER TRADES.

G. WARRANTY

- CONTRACTOR SHALL WARRANT ALL EQUIPMENT, MATERIALS AND WORKMANSHIP FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR.
- ALL HVAC COMPRESSORS SHALL BE WARRANTED FOR A PERIOD OF NOT LESS THAN 5 YEARS.

H. AS-BUILT DRAWINGS

- CONTRACTOR SHALL KEEP REDLINE SET OF DRAWINGS ON SITE DURING CONSTRUCTION TO UPDATE LOCATION OF ALL EQUIPMENT AND SYSTEMS AS THE CONSTRUCTION PROGRESSES. REDLINE SET OF DRAWINGS SHALL BE TURNED OVER TO OWNER AT COMPLETION OF CONSTRUCTION.

I. OPERATION & MAINTENANCE MANUALS

- CONTRACTOR SHALL PROVIDE AN ELECTRONIC SET AND ONE (1) SET OF HARD COPIES OF INSTALLATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT & SYSTEMS PROVIDED UNDER THIS CONTRACT.

J. INSTRUCTION

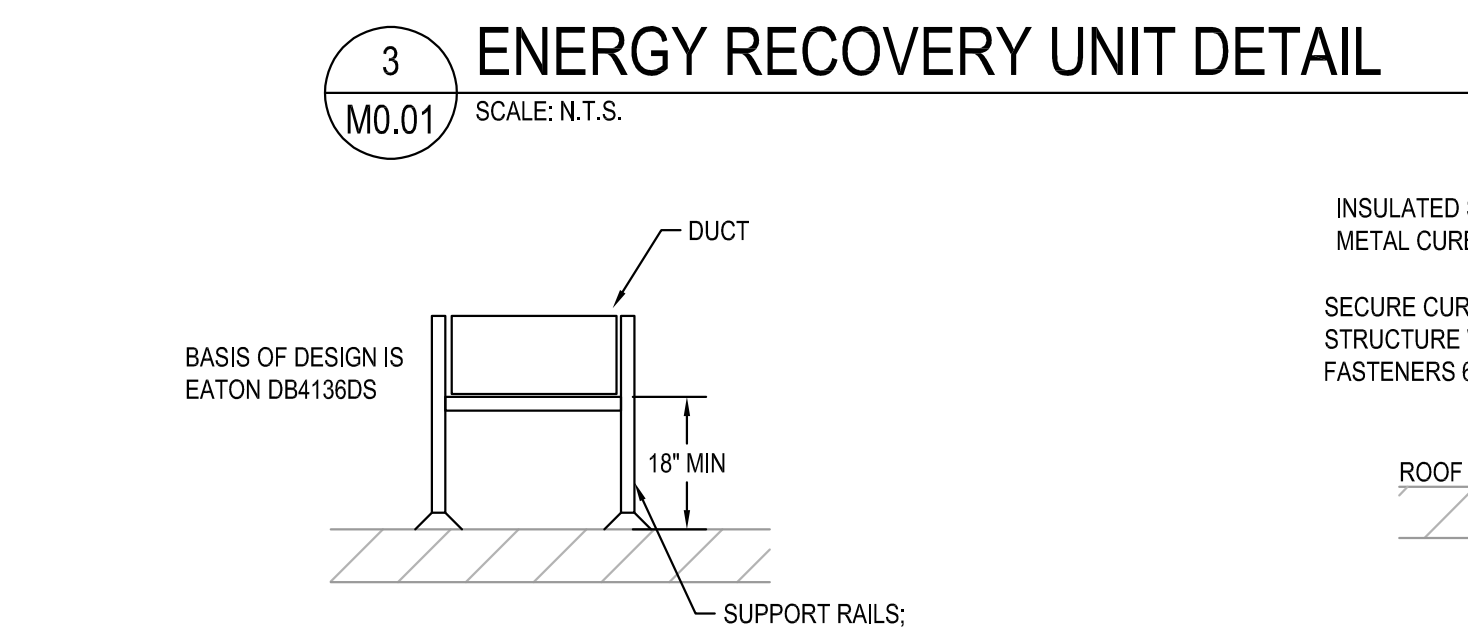
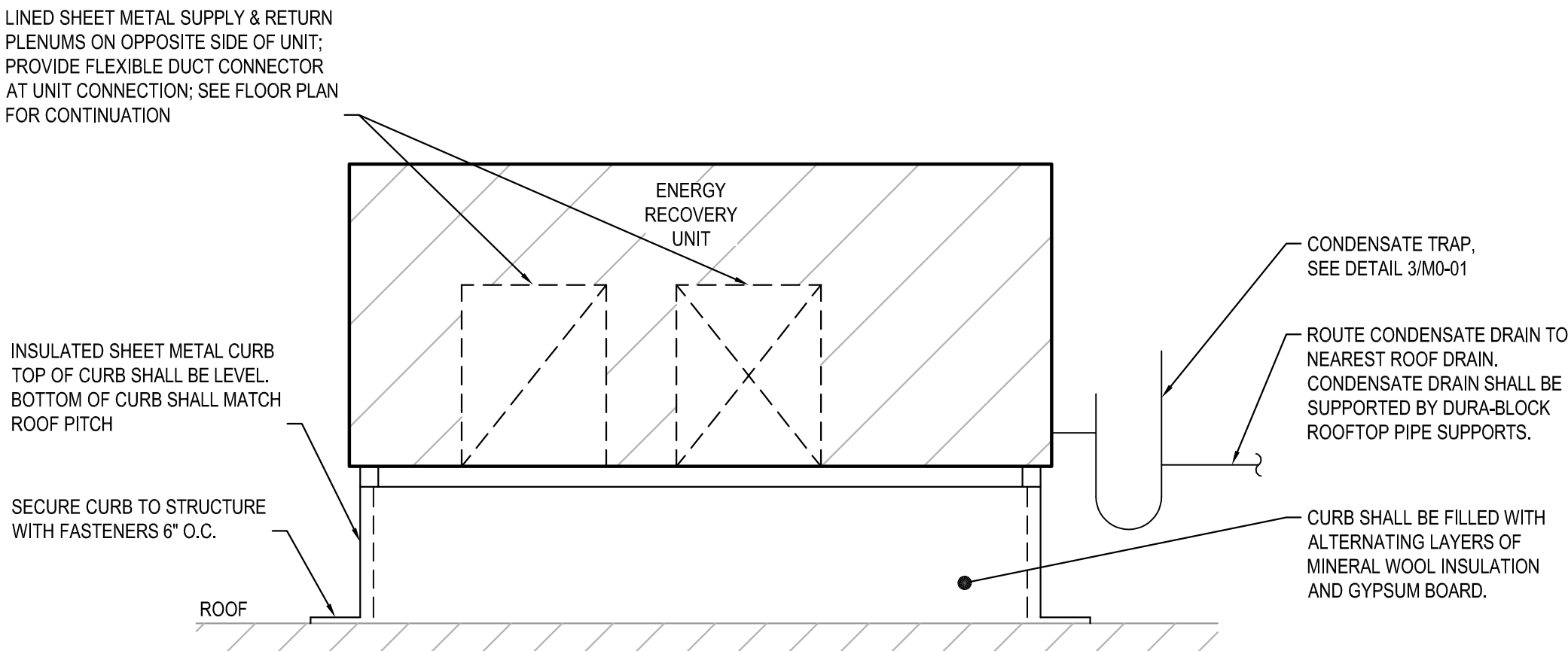
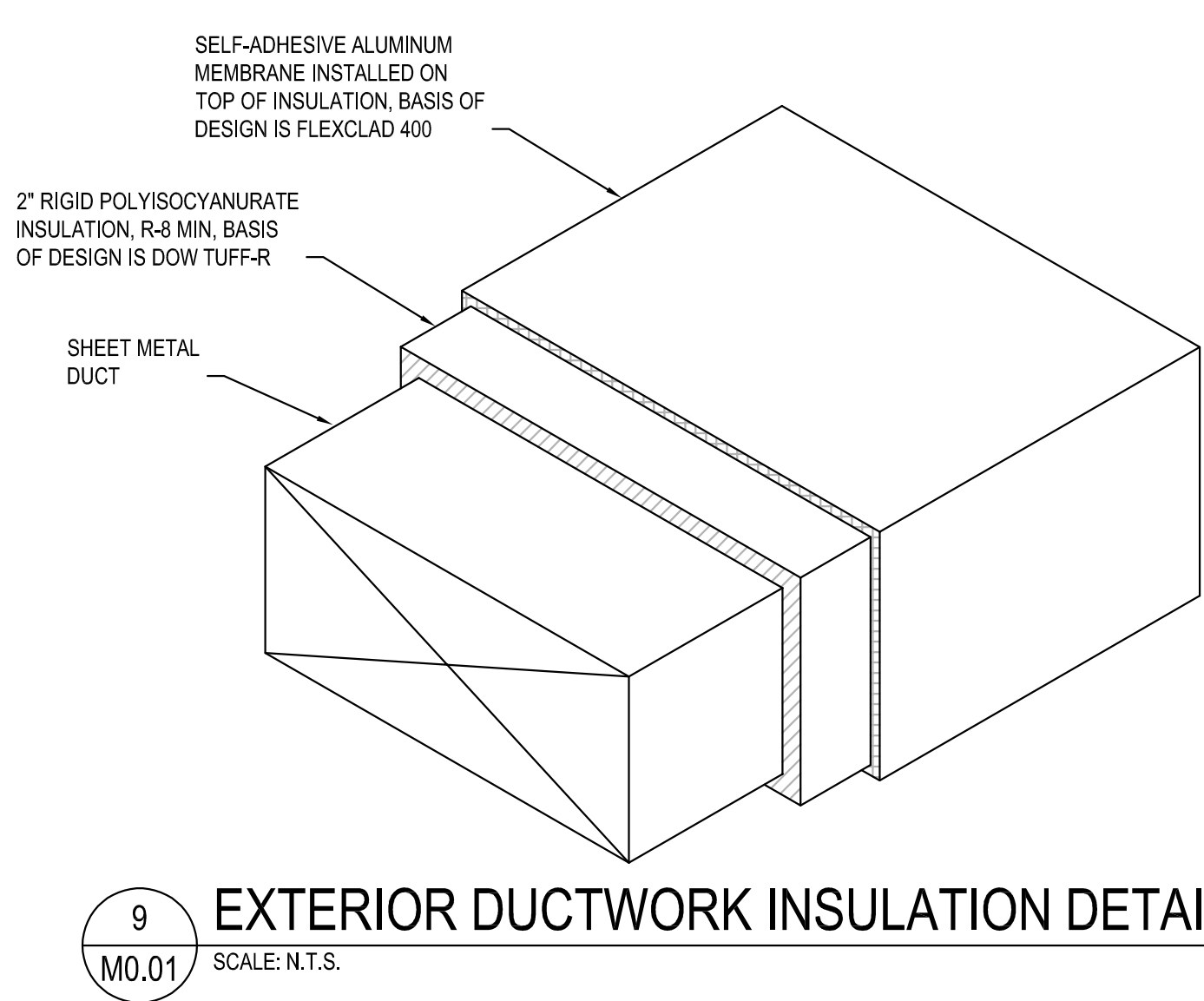
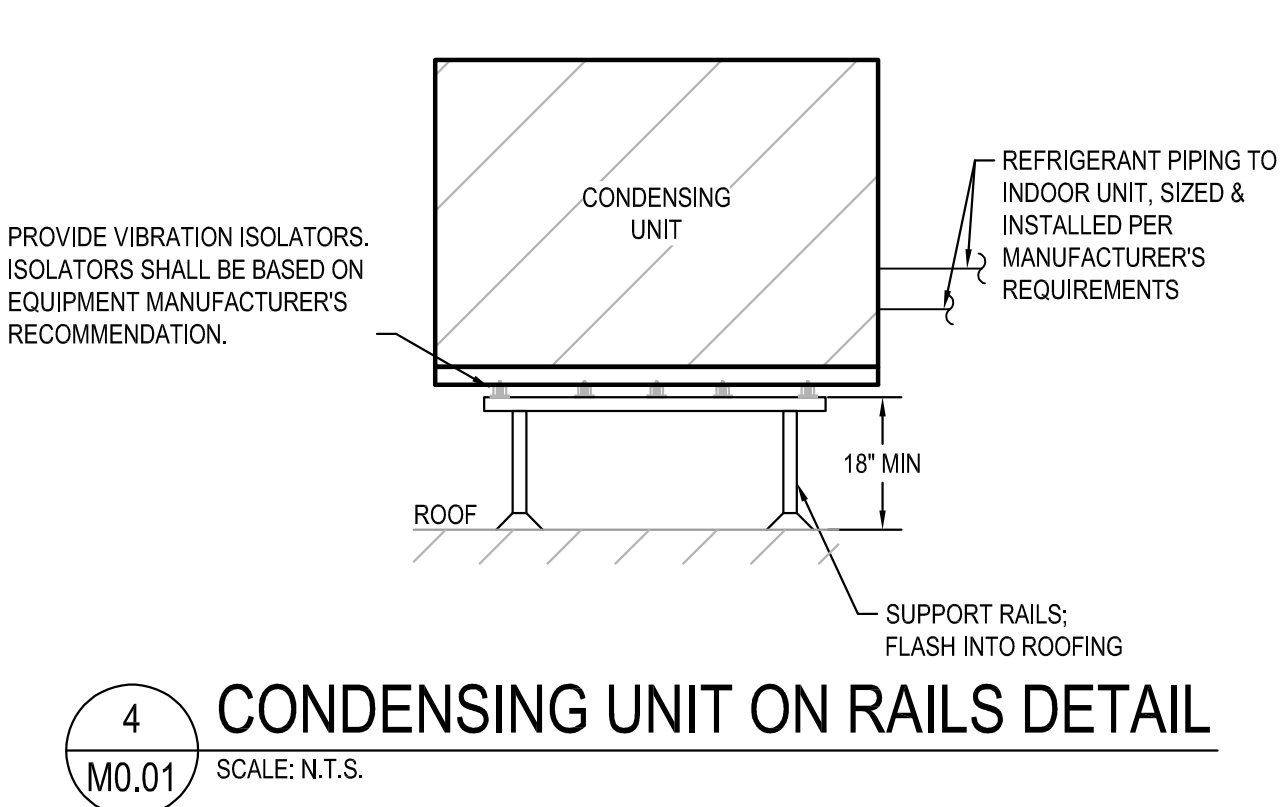
- CONTRACTOR SHALL THOROUGHLY INSTRUCT OWNER ON OPERATION AND RECOMMENDED MAINTENANCE PROCEDURES OF ALL INSTALLED EQUIPMENT & SYSTEMS.

SECTION 230600 PIPING SYSTEMS

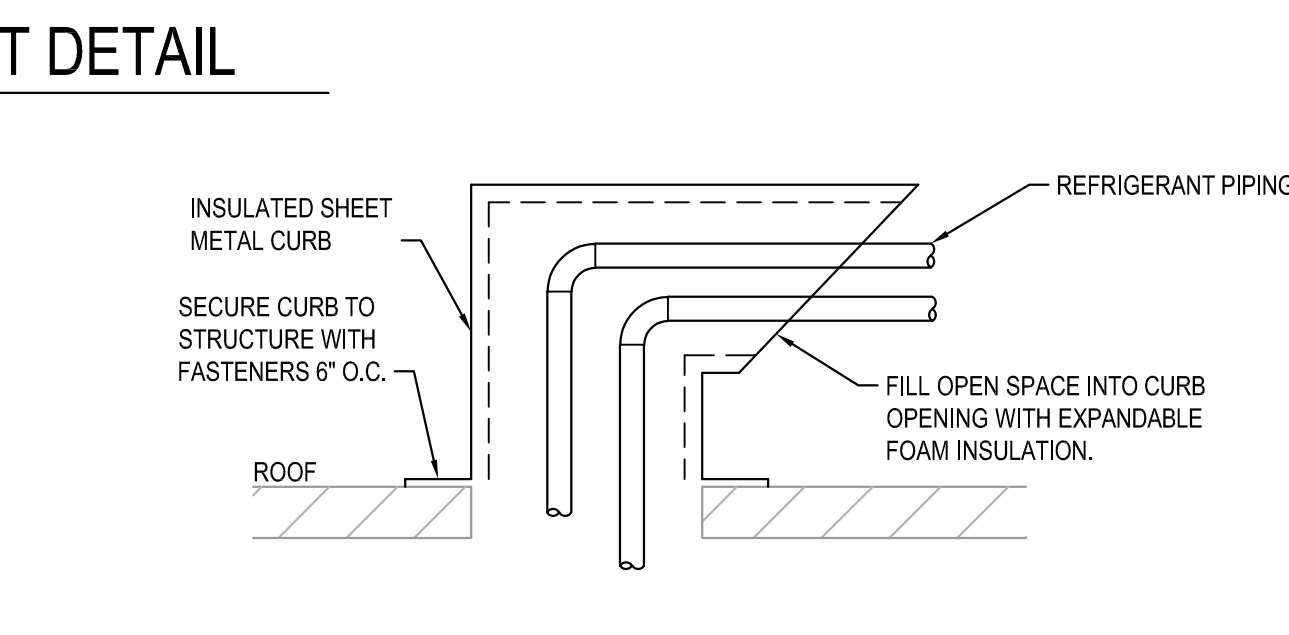
- CONDENSATE PIPING SHALL BE TYPE L HARD COPPER WITH WROUGHT COPPER FITTINGS & SOLDERED JOINTS.
- REFRIGERANT PIPING SHALL BE TYPE ACR CLEANED COPPER FOR REFRIGERANT SERVICE WITH WROUGHT COPPER JOINTS AND SIL-PHOS BRAZED JOINTS. REFRIGERANT PIPING SHALL BE PURGED WITH NITROGEN DURING BRAZING OF JOINTS.
- GAS PIPING SHALL BE SCHEDULE 40 STEEL WITH MALLEABLE IRON FITTINGS AND THREADED JOINTS. THREADS SHALL BE COATED WITH RECTOR SEAL PRIOR TO ASSEMBLING EACH JOINT. PROVIDE GAS COCK, DRIP LEG AND UNION AT EACH EQUIPMENT CONNECTION. FOR SYSTEMS WITH DELIVERY PRESSURE ABOVE 14" W.C. A REGULATOR SHALL BE PROVIDED AND SIZED FOR EACH PIECE OF EQUIPMENT. ENTIRE GAS PIPING SYSTEM SHALL BE PRESSURE TESTED TO 30 PSI FOR A MINIMUM OF 8 HOURS WITHOUT A LOSS IN PRESSURE. GAS SERVICE SHALL NOT BE CONNECTED UNTIL PRESSURE TEST HAS BEEN COMPLETED AND PASSED.

SECTION 231810 INSULATION

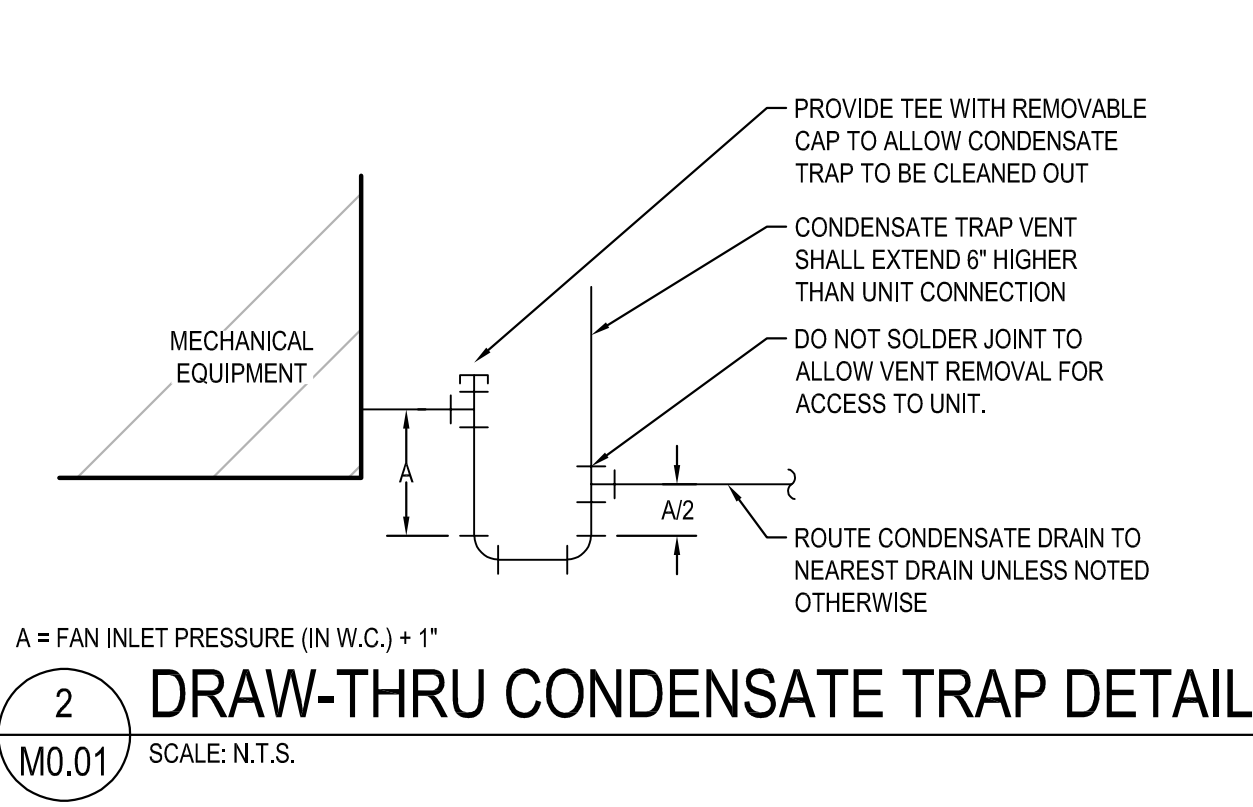
- RETURN AIR AND TRANSFER AIR DUCTS SHALL BE LINED WITH 1" THICK DUCT LINER.
- SUPPLY & OUTSIDE AIR DUCTWORK SHALL BE WRAPPED WITH 2" THICK, 34 LB DENSITY, R-6 FOIL BACKED INSULATION. JOINTS SHALL BE LAPPED A MINIMUM OF 2" AND SECURED WITH FLARE TYPE STAPLES.
- REFRIGERANT PIPING SHALL BE INSULATED WITH 1/2" THICK, CLOSED CELL, NEOPRENE INSULATION. INSULATION SHALL BE SLIP ON



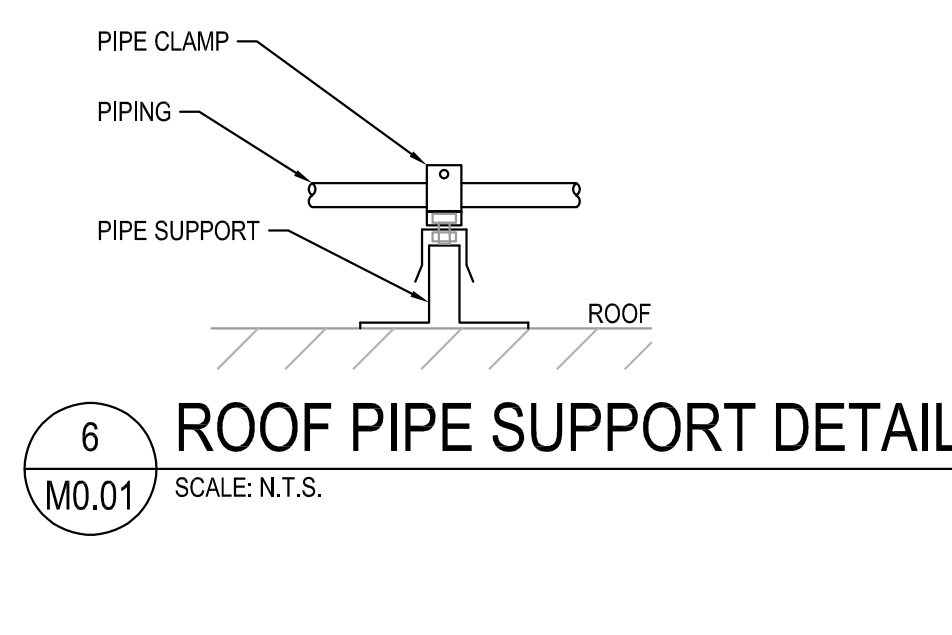
8 EXTERIOR DUCT SUPPORT DETAIL
SCALE: N.T.S.



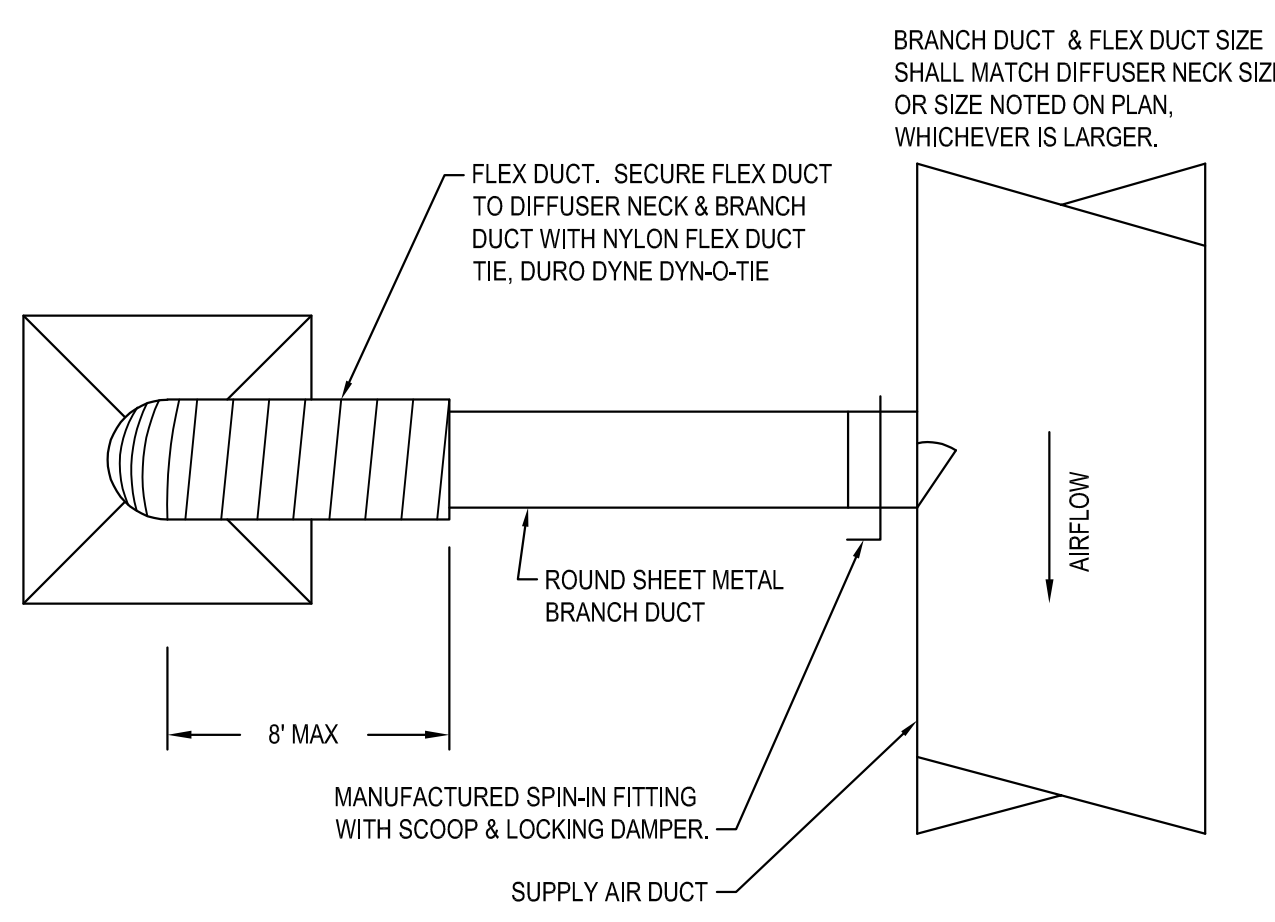
7 REFRIGERANT PIPING CURB DETAIL
SCALE: N.T.S.



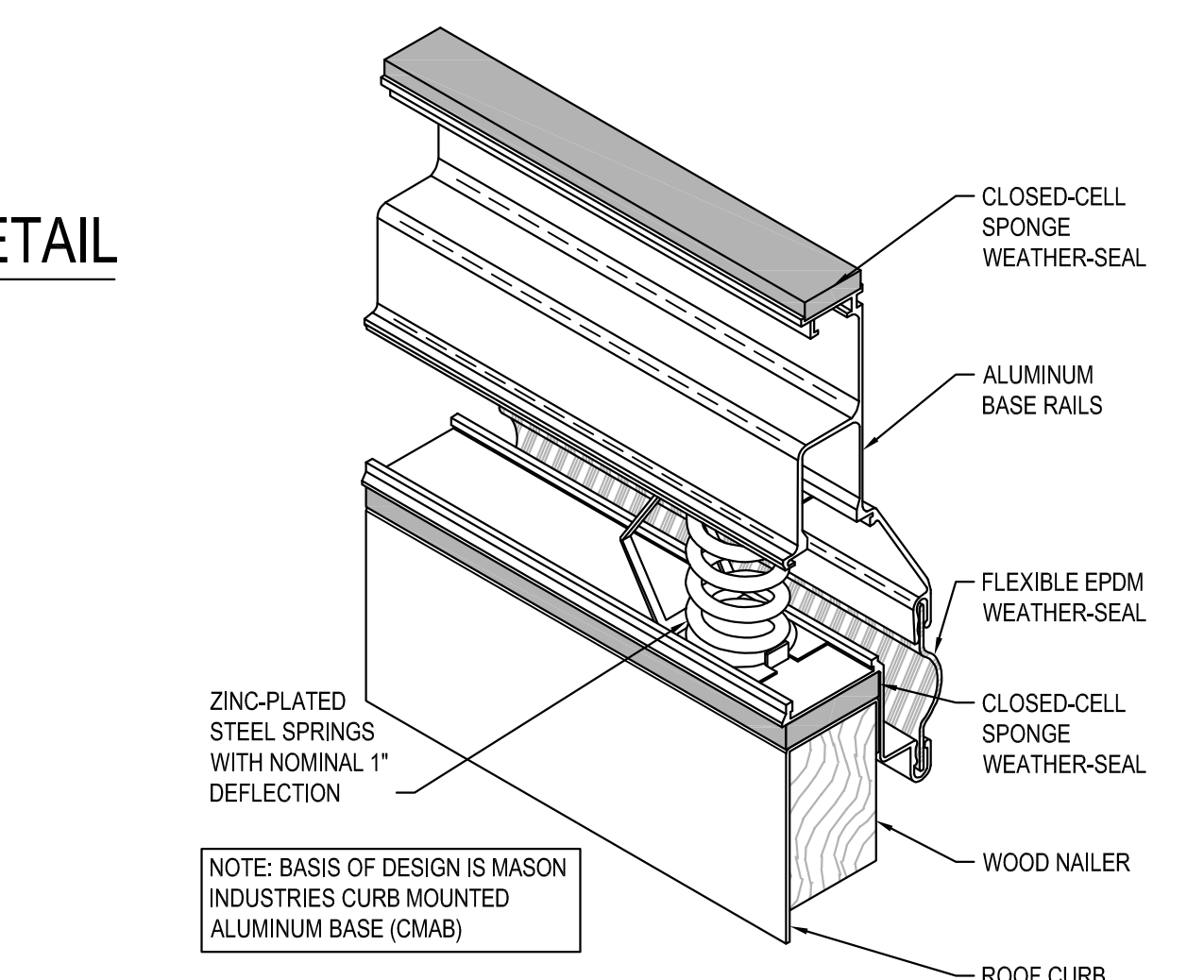
2 DRAW-THRU CONDENSATE TRAP DETAIL
SCALE: N.T.S.



6 ROOF PIPE SUPPORT DETAIL
SCALE: N.T.S.



1 DIFFUSER CONNECTION DETAIL
SCALE: SCALE: N.T.S.



5 ISOLATION BASE RAIL DETAIL
SCALE: N.T.S.

TYPE. ALL JOINTS SHALL BE SEALED WITH AN ADHESIVE APPROVED BY THE INSULATION MANUFACTURER.

- ALL REFRIGERANT PIPING INSULATION INSTALLED OUTDOORS SHALL BE COATED WITH TWO (2) COATS OF UV RESISTANT COATING.
- CONDENSATE PIPING SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION WITH WHITE ALL SERVICE JACKET AND MITERED ELBOWS. ALL JOINTS SHALL BE SEALED WITH SELF ADHESIVE OVERLAP.

SECTION 238000 - DUCTWORK

- ALL DUCTWORK SHALL BE FABRICATED WITH GALVANIZED SHEET METAL.
- LOW PRESSURE DUCTWORK SHALL BE CONSTRUCTED FOR 2" PRESSURE SERVICE WITH CLASS C SEALS.
- DUCTWORK CONSTRUCTION AND INSTALLATION SHALL CONFORM TO THE LATEST VERSION OF SMACNA DUCT STANDARDS.
- ALL ELBOWS SHALL BE FULL RADIUS TYPE OR MITERED WITH TURNING VANES.
- PROVIDE SPIN IN FITTING WITH SCOOP & LOCKING DAMPER AT ALL LOW PRESSURE BRANCH DUCT CONNECTIONS TO MAIN DUCT.
- DUCTWORK SHALL BE INSPECTED & SEALED AIR TIGHT TO BE FREE OF LEAKS PRIOR TO INSULATING OR COVERING UP THE DUCTWORK.
- FIRE DAMPERS SHALL BE TYPE 'B' UL LISTED DAMPERS WITH FIRE CURTAIN LOCATED OUTSIDE OF THE AIR STREAM. FIRE DAMPERS SHALL BE LISTED FOR USE IN THE WALL RATING WITHIN WHICH THE DAMPER IS INSTALLED.
- SMOKE DAMPERS SHALL BE UL LISTED. DAMPERS SHALL CLOSE UPON DETECTION OF SMOKE OR UPON POWER FAILURE UNLESS NOTED OTHERWISE. SMOKE DAMPERS SHALL BE AUTOMATIC RESET TYPE.
- SMOKE DETECTORS SHALL BE PROVIDED BY DIVISION 26 FOR INSTALLATION BY DIVISION 23.
- SMOKE DETECTORS SHALL CLOSE ALL ASSOCIATED SMOKE DAMPERS AND SHUT DOWN THE ASSOCIATED AIR MOVING DEVICE.

SECTION 239500 - TEST & BALANCE

- TEST & BALANCE AGENCY SHALL BE NEBB OR AABC CERTIFIED.
- TEST & BALANCE AGENCY SHALL BE HIRED DIRECTLY BY THE GENERAL CONTRACTOR.
- ALL EQUIPMENT SHALL BE LUBRICATED, TESTED, ADJUSTED AND BALANCED TO MEET DESIGN, MANUFACTURER'S OPERATING & INSTALLATION GUIDELINES.
- AIR TERMINALS SHALL BE BALANCED TO CFM INDICATED ON PLAN.
- TERMINAL UNITS SHALL BE BALANCED TO THE SUM OF THE CONNECTED AIR DISTRIBUTION DEVICES.
- ALL DEFICIENCIES SHALL BE RECORDED AND SENT TO THE MECHANICAL CONTRACTOR FOR RESOLUTION.
- ONCE ALL DEFICIENCIES HAVE BEEN CORRECTED, TWO (2) HARD COPIES OF THE FINAL REPORT SHALL BE DELIVERED TO THE OWNER. AN ELECTRONIC COPY IN PDF FORMAT SHALL BE SUBMITTED IN ADDITION TO THE HARD COPIES.

GENERAL NOTES:

- DRAWINGS ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, TOOLS AND LABOR NECESSARY TO PROVIDE A COMPLETE MECHANICAL SYSTEM COMPLIANT WITH ALL REQUIRED CODES & STANDARDS.
- ALL DUCTWORK SHALL BE FABRICATED WITH GALVANIZED SHEET METAL. DUCTWORK CONSTRUCTION AND INSTALLATION SHALL CONFORM TO THE LATEST VERSION OF SMACNA DUCT STANDARDS. ALL ELBOWS SHALL BE FULL RADIUS TYPE OR MITERED WITH TURNING VANES. MITERED ELBOWS ARE NOT ACCEPTABLE FOR USE IN MEDIUM PRESSURE DUCTWORK. DUCTWORK SHALL BE INSPECTED & SEALED AIR TIGHT TO BE FREE OF LEAKS PRIOR TO INSULATING OR COVERING UP THE DUCTWORK.
- ROUND DUCT BRANCHES SERVING DIFFUSERS SHALL BE SIZED TO MATCH THE DIFFUSER CONNECTION SIZE OR AS INDICATED ON FLOOR PLAN. TAPS FROM THE MAIN DUCT SHALL BE MADE WITH SPIN-IN FITTINGS COMPLETE WITH SCOOP AND LOCKING DAMPER. FLEX DUCT SUPPORTS SHALL BE NO MORE THAN 48" APART TO PREVENT ANY SAGS OR KINKS. FLEX DUCT SHALL NOT BE SUPPORTED BY CONDUITS, PIPING OR CEILING GRID.
- ALL RETURN AIR AND TRANSFER AIR DUCTS SHALL BE LINED WITH 1" THICK DUCT LINER. ALL SUPPLY & OUTSIDE AIR DUCTWORK SHALL BE WRAPPED WITH R-6 FOIL BACKED INSULATION.
- TEST AND BALANCE ALL MECHANICAL EQUIPMENT, AIR DISTRIBUTION DEVICES, ETC. TO THE CONDITIONS INDICATED ON THE FLOOR PLANS AND SCHEDULES. A COPY OF THE REPORT SHALL BE SUBMITTED TO THE OWNER. TEST AND BALANCE AGENCY SHALL BE NEBB OR AABC CERTIFIED.
- ALL LOW VOLTAGE CONTROL WIRING SHALL BE INSTALLED AND WIRED TO EQUIPMENT AS A PART OF THIS CONTRACT.
- THERMOSTATS SHALL BE MOUNTED 48" AFF IN PUBLIC AREAS AND ACCESSIBLE GUESTROOMS. THERMOSTATS SHALL BE MOUNTED 54" AFF IN NON-ACCESSIBLE GUESTROOMS.

ENERGY RECOVERY VENTILATOR SCHEDULE																										
TAG	SUPPLY SECTION				EXHAUST SECTION				WHEEL PERFORMANCE - SUMMER			WHEEL PERFORMANCE - WINTER			COOLING COIL			GAS HEAT			REHEAT			BASIS OF DESIGN	NOTES	
	AIRFLOW TO SPACE (CFM)	ESP (IN W.C.)	BLOWER MOTOR POWER (HP)	DRIVE TYPE	AIRFLOW FROM SPACE (CFM)	ESP (IN W.C.)	BLOWER MOTOR POWER (HP)	DRIVE TYPE	EAT DB/WB (°F)	LAT DB/WB (°F)	MIN. WHEEL EFFECTIVENESS	EAT DB/WB (°F)	LAT DB/WB (°F)	MIN. WHEEL EFFECTIVENESS	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EAT DB/WB (°F)	INPUT (MBH)	OUTPUT (MBH)	TURNDOWN	MIN. EFF (%)	REHEAT TYPE	CAPACITY (MBH)			VOLTS/ PHASE (V/Ø)
ERU-1	1,695	1.5	2.0	DIRECT	1,440	2	1.5	DIRECT	95.5 / 80.2	83.1 / 71.4	0.57	27.1 / 22.8	48.9 / 39.9	0.57	118.1	62.2	83.1 / 71.4	100	80	16:1	80	MODULATING HOT GAS	67.6	208/3	GREENHECK RVE-40-30D-10L-C-D1	1,2,3,4,5,6

NOTES:

- PROVIDE WITH ROOF CURB, 2" DOUBLE WALL CONSTRUCTION, 2" MERV 8 SUPPLY & EXHAUST FILTERS FILTERS, VFD ON ALL FANS, VARIABLE COOLING CAPACITY, MODULATING HOT GAS REHEAT, MODULATING GAS HEAT, STAINLESS STEEL HEAT EXCHANGER AND INTEGRAL SINGLE POINT ELECTRICAL CONNECTION WITH
- RETURN AIR CONDITIONS ARE SUMMER: 74°F DB, 63°F WB, WINTER: 70°F DB, 58°F WB.
- UNIT SHALL AUTOMATICALLY MODULATE COOLING, HEATING AND REHEAT TO MAINTAIN 70°F, 50% RH (ADJUSTABLE) DISCHARGE AIR AT ALL TIMES.
- UNIT SHALL AUTOMATICALLY MODULATE SUPPLY AND EXHAUST FAN VFD'S TO MAINTAIN AIRFLOWS.
- BAS SHALL HAVE ON/OFF CONTROL AND MONITOR STATUS OF ENERGY RECOVERY UNIT & GENERATE AN ALARM IF EXHAUST CFM, DISCHARGE AIR CFM, TEMPERATURE OR HUMIDITY ARE NOT WITHIN THE SET POINTS.
- UNIT SHALL BE PROVIDED WITH AN ECO CONDENSER FAN MOTOR FOR MODULATING HEAD PRESSURE CONTROL.



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208-283-4593
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CONSULTANT:

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404-601-9859 fax
central@westsideengineering.com
WE # 213489

No.	Description	Date

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME

PROJECT NUMBER	23-37
SHEET ISSUE DATE	12/12/23
SUBMITTAL	PERMIT

STAMP:



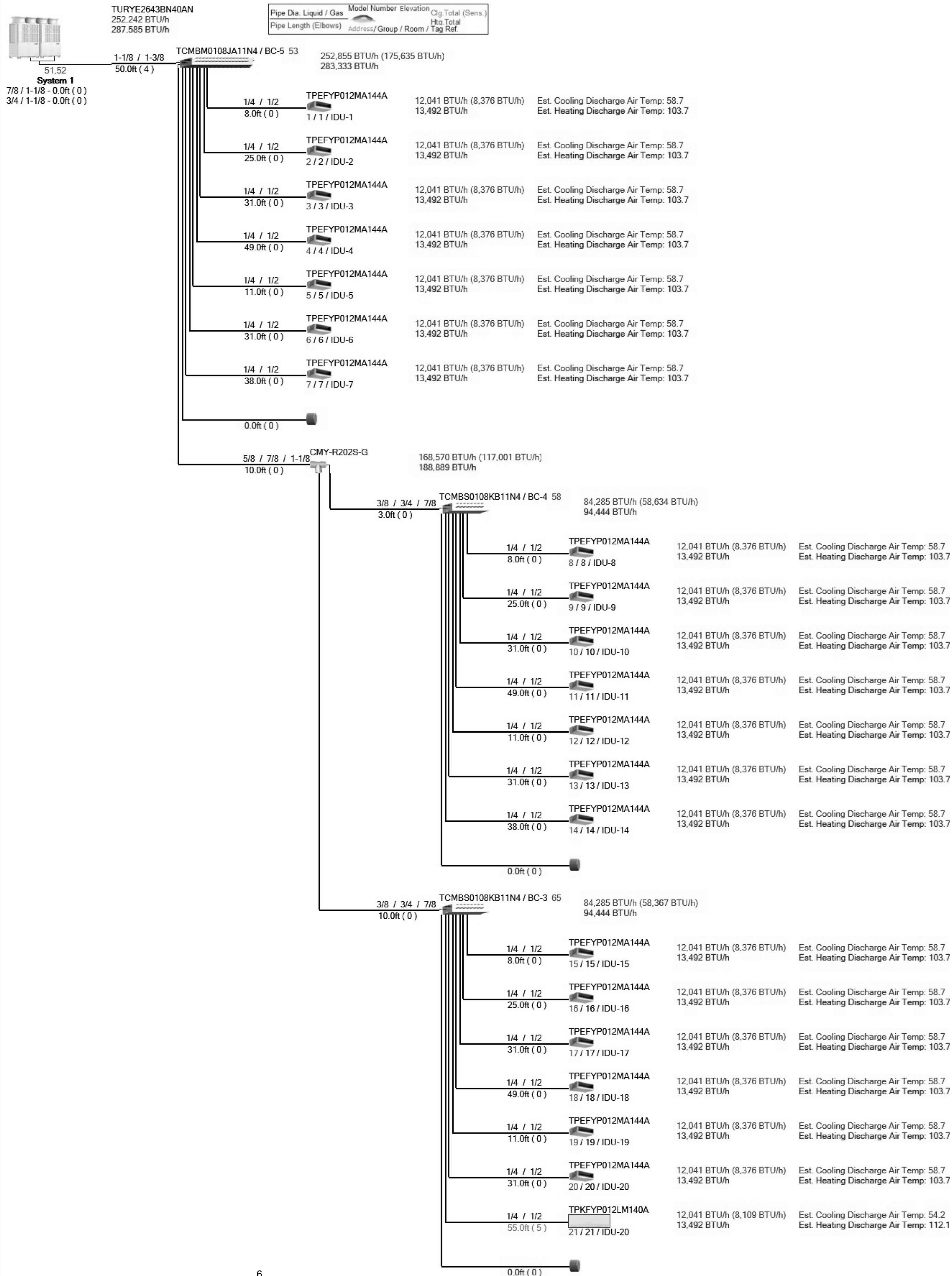
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#1150
Atlanta, GA 30339
404-965-1287 tel
404-601-9859 fax
central@westsideengineering.com
WE # 21349

REVISIONS		
No.	Description	Date

Design View Piping Diagrams

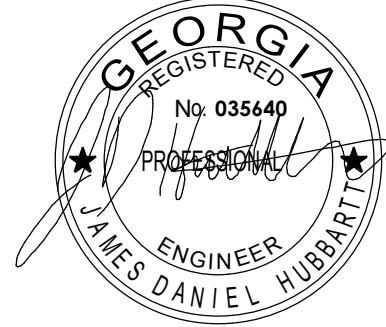
Indoor Units:	21 / 2 to 50	
Capacity:	252 / 132 to 396 (95.5%)	
* Connectable capacity is not actual capacity.		
Total Pipe Length:	689.6 / 3071.8	feet
Furthest Actual:	125.0 / 541.0	feet
Furthest Equiv.:	145.6 / 623.0	feet
Furthest IU from BC Actual:	55.0 / 131.0	feet
Furthest IU from BC Equiv.:	66.4 / 131.0	feet
Furthest IU from BC Thru Sub BC Actual:	75.0 / 131.0	feet
Furthest IU from BC Thru Sub BC Equiv.:	86.4 / 131.0	feet
Correction Factors		
Outdoor Unit Capacity:	1.00	1.00
Temperature:	1.00	1.00
Piping Length:	0.95	0.98
Defrosting:	-	1.00
User Derate:	1.00	1.00
Total Derate:	0.96	0.97
Additional Refrigerant:	42.98	lb
Total Refrigerant Amount:	84.43	lb

Conditions (°F)					
Cooling					
Indoor DB	80.0	Humidity	51.8%	Indoor WB	67.0
Outdoor DB	95.0				
Heating					
Indoor DB	70.0				
Outdoor DB	47.0	Humidity	72.8%	Outdoor WB	43.0



PROJECT NUMBER	23-37
SHEET ISSUE DATE	12/12/23
SUBMITTAL	PERMIT

STAMP:

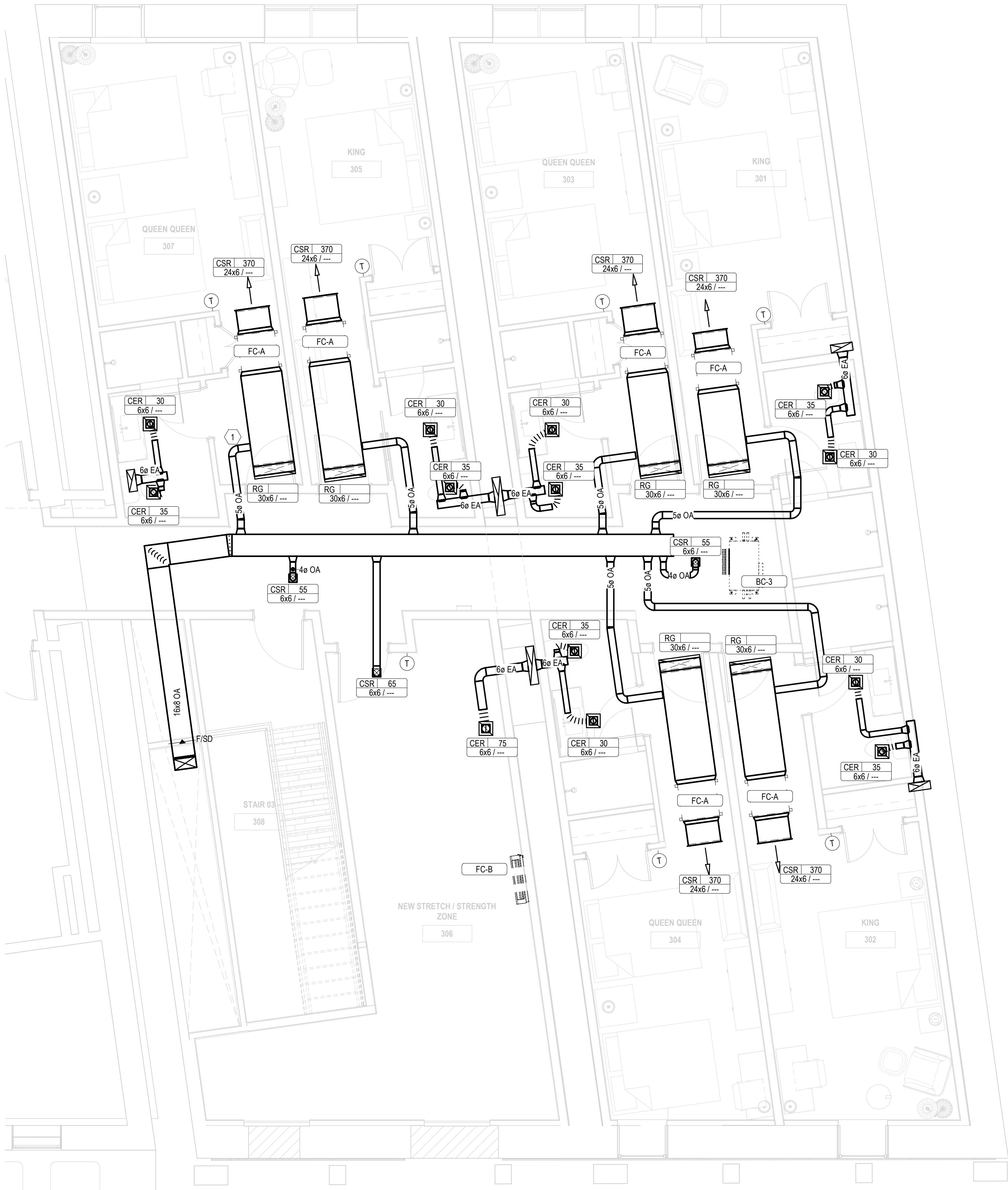


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WE # 21349
ENGINEERING

REVISIONS		
No.	Description	Date

KEYNOTES

1 5"Ø DUCT SHALL HAVE MANUAL AND MOTORIZED DAMPERS, TYPICAL.



1
M1.13 LEVEL 3 HVAC PLAN
1/4" = 1'-0"

OWNER
HOS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
LEVEL 3 HVAC PLAN

PROJECT NUMBER	23-37
SHEET ISSUE DATE	12/12/23
SUBMITTAL	PERMIT

SHEET

M1.13

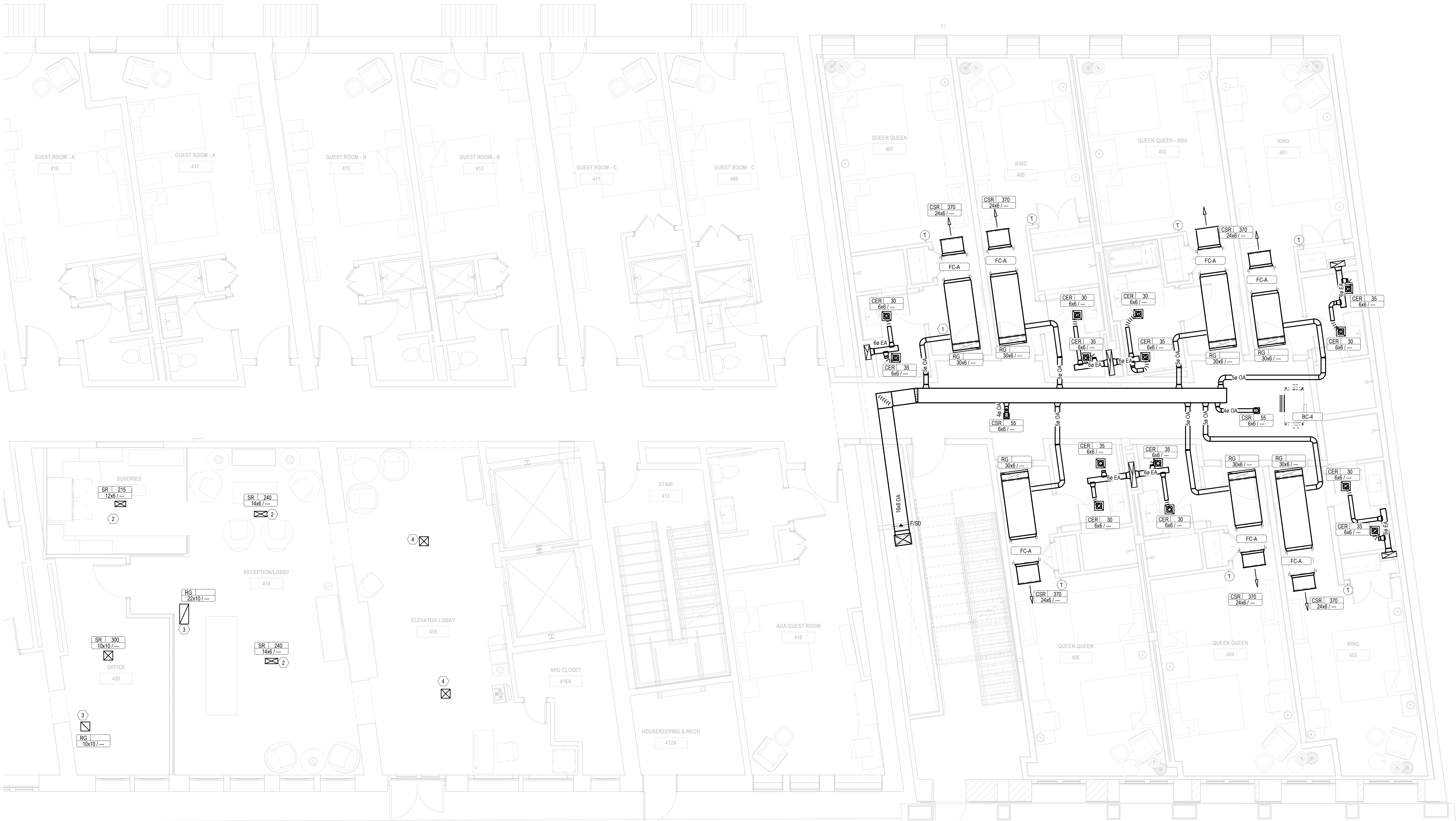
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WE # 21349

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No.	Description	Date



1 LEVEL 4 HVAC PLAN
M1.14 1/4" = 1'-0"

OWNER
HOS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

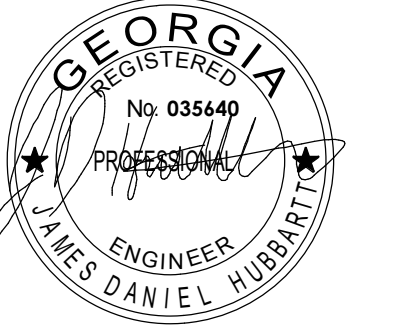
SHEET NAME
LEVEL 4 HVAC PLAN

PROJECT NUMBER	23-37
SHEET ISSUE DATE	07/02/19
SUBMITTAL	PERMIT

SHEET

M1.14

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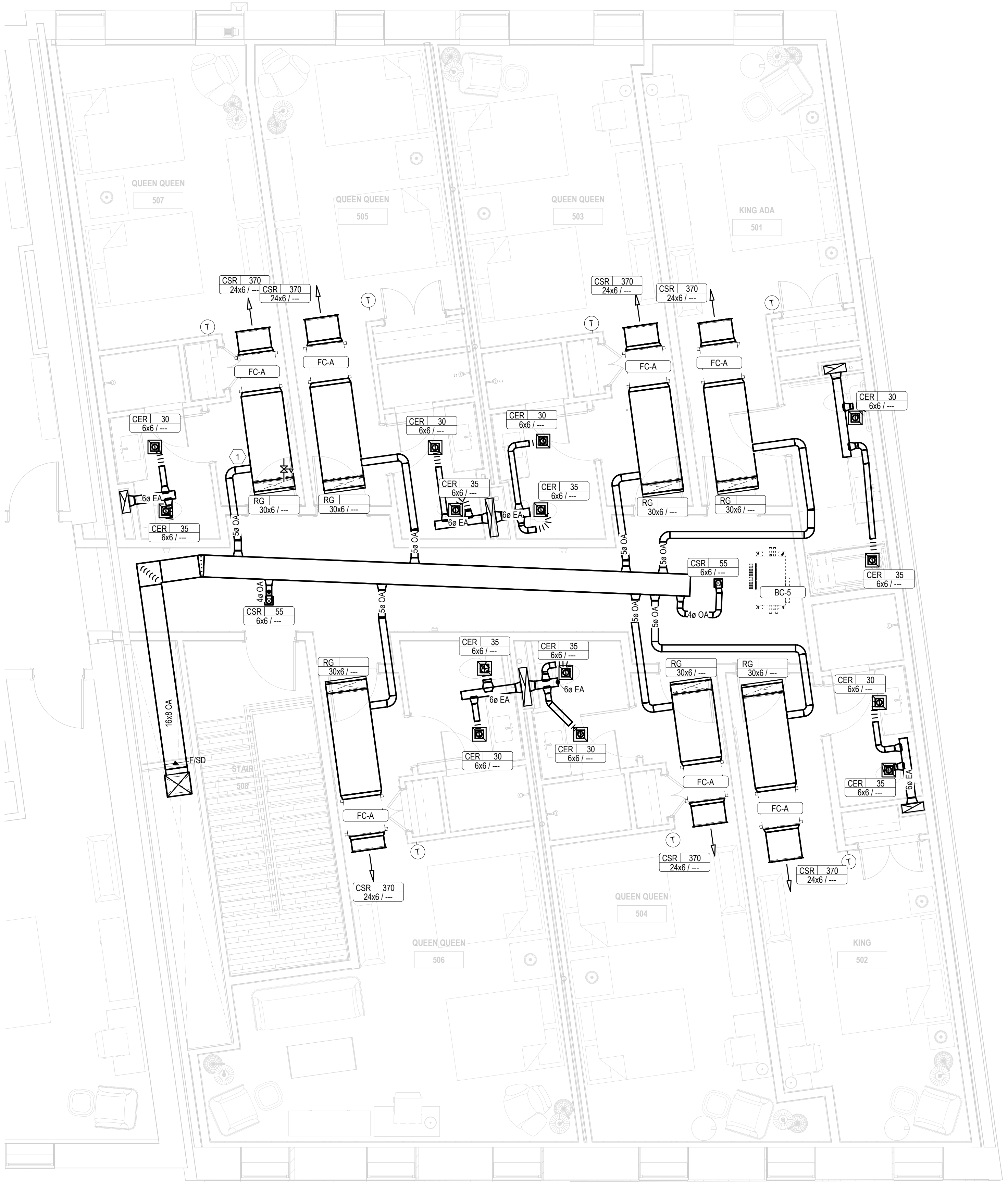


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WE # 21349

REVISIONS		
No.	Description	Date

KEYNOTES

- 1 5"Ø DUCT SHALL HAVE MANUAL AND MOTORIZED DAMPERS, TYPICAL



1 LEVEL 5 HVAC PLAN
M1.15 1/4" = 1'-0"

OWNER
HOS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
LEVEL 5 HVAC PLAN

PROJECT NUMBER	23-37
SHEET ISSUE DATE	07/02/19
SUBMITTAL	PERMIT



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WE # 21349
S E N G I N E E R I N G

REVISIONS

No.	Description	Date

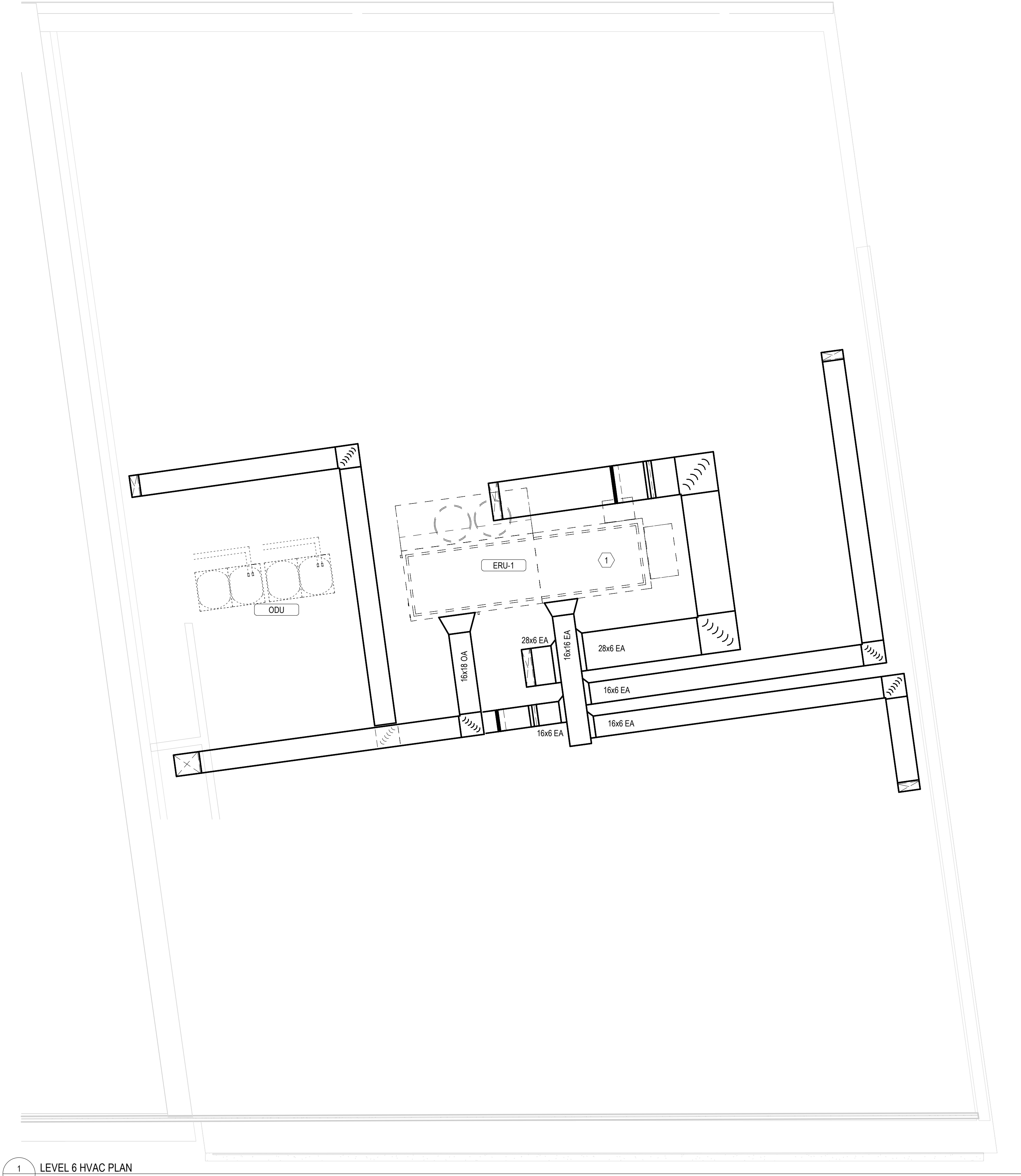
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PROJECT: **COTTON SAIL HOTEL EXPANSION**
PROJECT ADDRESS: 114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME: **ROOF MECHANICAL PLAN**

PROJECT NUMBER	23-37
SHEET ISSUE DATE	07/02/19
SUBMITTAL	PERMIT

SHEET

M1.16

KEYNOTES	
1	FIELD COORDINATE EQUIPMENT ON PLATFORM PROVIDED BY STRUCTURAL.



1 LEVEL 6 HVAC PLAN
M1.16 1/4" = 1'-0"

SPECIFICATIONS

SECTION 220100 - PLUMBING GENERAL:

- A. GENERAL
- CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, TOOLS AND LABOR NECESSARY TO PROVIDE A COMPLETE PLUMBING SYSTEM COMPLIANT WITH ALL REQUIRED CODES & STANDARDS.
 - DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED.
 - ALL REQUIRED PERMITS & INSPECTIONS SHALL BE SECURED & PAID FOR UNDER THIS CONTRACT. INSPECTION CERTIFICATIONS SHALL BE PROVIDED TO THE OWNER.
 - CONTRACTOR SHALL VISIT THE SITE TO THOROUGHLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. IF EXISTING CONDITIONS DIFFER FROM DESIGN DOCUMENTS IN SUCH A MANNER THAT AFFECTS PRICING, THE CONTRACTOR SHALL ADJUST THE BID ACCORDINGLY AND NOTIFY THE OWNER & ENGINEER PRIOR TO SUBMITTING THE BID. NO ALLOWANCES WILL BE MADE FOR LACK OF KNOWLEDGE REGARDING THE EXISTING CONDITIONS.
- C. IDENTIFICATION
- PERMANENT BAKELITE TAGS WITH 1" TALL LETTERS SHALL BE PROVIDED FOR ALL EQUIPMENT. EQUIPMENT NUMBERING SHALL MATCH BUILDING STANDARDS.
- D. STARTERS
- ALL MOTORS SHALL BE PROVIDED WITH MAGNETIC MOTOR STARTERS WITH OVERLOAD PROTECTION.
 - STARTERS SHALL BE PROVIDED WITH HAND-OFF-AUTO SWITCHES.
 - INDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 1 ENCLOSURE.
 - OUTDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 3R ENCLOSURE.
- E. SUBMITTALS & SHOP DRAWINGS
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS & PRODUCT DATA FOR ALL PLUMBING EQUIPMENT & SYSTEMS TO BE PROVIDED AND/OR INSTALLED.
 - SUBSTITUTE MANUFACTURERS

- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION & COST OF ALL CHANGES REQUIRED FOR INSTALLATION OF EQUIPMENT & PRODUCTS MANUFACTURED BY THOSE OTHER THAN WHAT IS SPECIFIED IN THE CONTRACT DOCUMENTS.
- CAREFULLY COORDINATE SUBSTITUTE MANUFACTURER'S INSTALLATION REQUIREMENTS WITH ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO STRUCTURE, ELECTRICAL, PLUMBING AND ARCHITECTURAL. ALL INSTALLATION COSTS ASSOCIATED WITH INSTALLATION OF SUBSTITUTE MANUFACTURER SHALL BE INCLUDED IN BID. NO ALLOWANCES SHALL BE GIVEN FOR CHANGES ASSOCIATED WITH INSTALLATION OF SUBSTITUTE EQUIPMENT & SYSTEMS.
- LISTING OF A MANUFACTURER AS AN "EQUAL" DOES NOT RELIEVE CONTRACTOR'S RESPONSIBILITY OF COORDINATION & COST ASSOCIATED WITH CHANGES REQUIRED TO OTHER TRADES.

- G. WARRANTY
- CONTRACTOR SHALL WARRANT ALL EQUIPMENT, MATERIALS AND WORKMANSHIP FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR.
 - ALL HVAC COMPRESSORS SHALL BE WARRANTED FOR A PERIOD OF NOT LESS THAN 5 YEARS.
- H. AS-BUILT DRAWINGS

- I. OPERATION & MAINTENANCE MANUALS
- CONTRACTOR SHALL PROVIDE AN ELECTRONIC SET AND ONE (1) SET OF HARD COPIES OF INSTALLATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT & SYSTEMS PROVIDED UNDER THIS CONTRACT.
- J. INSTRUCTION
- CONTRACTOR SHALL THOROUGHLY INSTRUCT OWNER ON OPERATION AND RECOMMENDED MAINTENANCE PROCEDURES OF ALL INSTALLED EQUIPMENT & SYSTEMS.

SECTION 24000 PLUMBING SYSTEMS

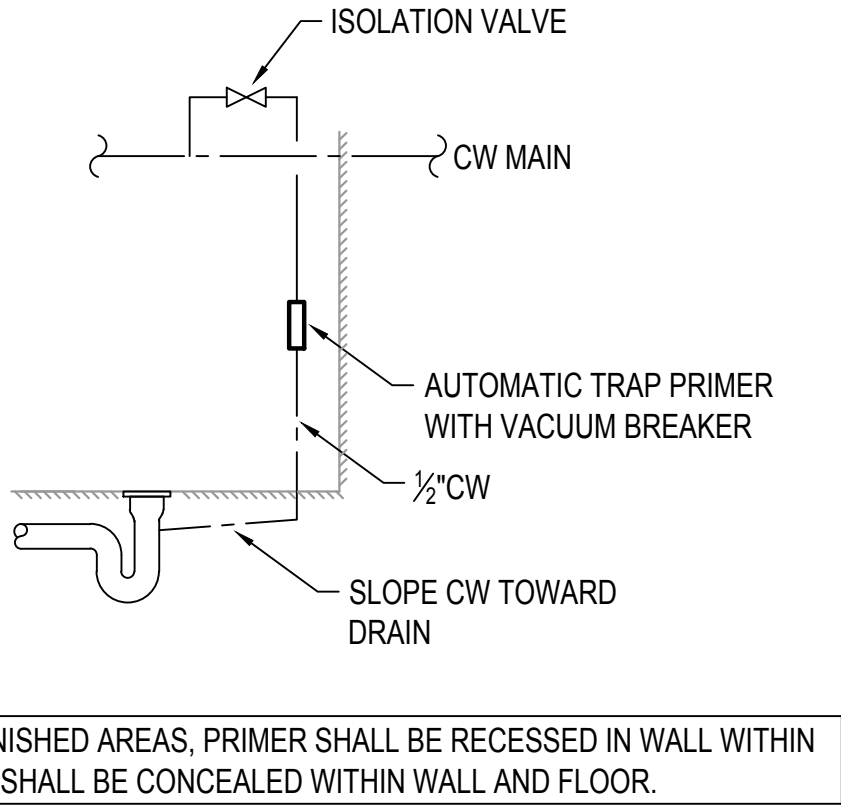
- A. ALL 3" AND LARGER SANITARY PIPING SHALL BE SLOPED AT 1/8" PER FOOT. ALL 2 1/2" AND LESS SANITARY PIPING SHALL BE SLOPE AT 1/4" PER FOOT.
- B. SANITARY & VENT PIPING SHALL BE SCHEDULE 40 PVC WITH SOLVENT WELDED JOINTS.
- C. DOMESTIC WATER & CONDENSATE PIPING SHALL BE CPVC WITH SOLVENT WELDED JOINTS. CONDENSATE PIPING SHALL BE INSTALLED WITH DWV TYP FITTINGS. PEX PIPING IS ACCEPTABLE FOR PIPING WITHIN GUEST ROOMS.
- D. ALL HOT & COLD WATER PIPING SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION WITH WHITE ALL SERVICE JACKET. PROVIDE CLOSED-CELL ELASTOMERIC INSULATION ON ALL METAL CONDENSATE DRAIN PIPES.
- E. WATER HAMMER ARRESTORS SHALL BE PROVIDED & SIZED PER PDI GUIDELINES AT ALL QUICK CLOSING VALVES. ALL PIPING SHALL BE PRESSURE TESTED PRIOR TO CONCEALING OR INSULATING THE PIPING.
- F. ALL PIPING SHALL BE CONCEALED WITHIN WALLS OR ABOVE CEILING.
- G. PIPING INSTALLED ABOVE CEILING SHALL BE INSTALLED AS HIGH AS POSSIBLE.
- H. ALL VALVES LOCATED ABOVE CEILING SHALL BE LOCATED WITHIN 1' OF ACCESS PANEL OR 1' ACCESSIBLE CEILING.
- I. REFER TO ARCHITECTURAL FLOOR PLANS & ELEVATIONS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
- J. PLUMBING SYSTEMS SHALL NOT BE INSTALLED WITHIN OR PASSING THROUGH ELECTRICAL CLOSETS, SWITCHGEAR ROOMS, TELEPHONE ROOMS, ELEVATOR EQUIPMENT ROOMS OR ABOVE ELECTRICAL PANELS.
- K. INSTALL IDENTIFICATION MARKERS ON ALL PIPING SYSTEMS & VALVES THAT INCLUDE SERVICE TYPE & DIRECTION OF FLOW PER ASME A13.1.
- L. ALL DOMESTIC WATER PIPING SYSTEMS SHALL BE FLUSHED & DISINFECTED. SYSTEM SHALL BE FILLED WITH AN EVENLY DISTRIBUTED DOSE OF 50 TO 200 PPM CHLORINE. ALL FIXTURES & OUTLETS SHALL BE TESTED TO ENSURE EVEN DISTRIBUTION. AFTER 12 HOURS THE RESIDUAL CHLORINE SHALL BE TESTED. DISINFECTION PROCEDURE SHALL BE REPEATED UNTIL RESIDUAL CHLORINE LEVEL IS GREATER THAN 10 PPM AFTER SITTING UNDISTURBED FOR 12 HOURS. ONCE DISINFECTION PROCEDURE IS COMPLETED, SYSTEM SHALL BE THOROUGHLY FLUSHED WITH CLEAN WATER.
- M. GAS PIPING SHALL BE SCHEDULE 40 STEEL WITH MALIABLE IRON FITTINGS AND THREADED JOINTS. THREADS SHALL BE COATED WITH RECTOR SEAL PRIOR TO ASSEMBLING EACH JOINT. PROVIDE GAS COOK, DRIP LEG AND UNION AT EACH EQUIPMENT CONNECTION. FOR SYSTEM WITH DELIVERY PRESSURE ABOVE 14" W.C. A REGULATOR SHALL BE PROVIDED AND SIZED FOR EACH PIECE OF EQUIPMENT. ENTIRE GAS PIPING SYSTEM SHALL BE PRESSURE TESTED TO 30 PSI FOR A MINIMUM OF 8 HOURS WITHOUT A LOSS IN PRESSURE. GAS SERVICE SHALL NOT BE CONNECTED UNTIL PRESSURE TEST HAS BEEN COMPLETED AND PASSED.

SECTION 21525 FIRE PROTECTION SYSTEMS

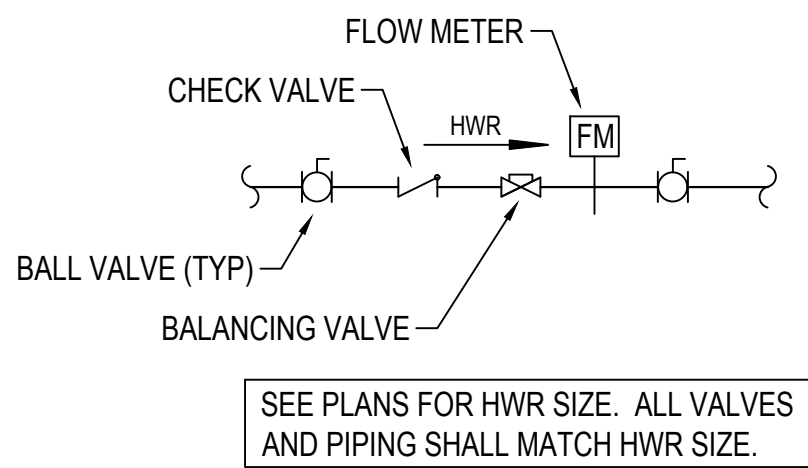
- A. FIRE PROTECTION SYSTEM SHALL BE DESIGNED BY A LICENSED FIRE PROTECTION CONTRACTOR.
- B. FIRE PROTECTION SYSTEM SHALL CONFORM TO NFPA 13, 14 AND ALL LOCAL CODE REQUIREMENTS.
- C. FIRE PROTECTION SYSTEM DESIGN SHALL BE SUBJECT TO THE APPROVAL OF THE FIRE MARSHAL AND THE OWNERS UNDERWRITER.
- D. DOUBLE CHECK BACKFLOW PREVENTER SHALL BE WATTS 709 OR EQUAL.
- E. PIPING 2" AND LARGER SHALL BE SCHEDULE 10 WITH ROLL GROOVED VICTAULIC JOINTS.
- F. PIPING SMALLER THAN 2" SHALL BE SCHEDULE 40 STEEL WITH THREADED JOINTS AND MALIABLE IRON FITTINGS.
- G. THE USE OF LIGHTWALL PIPING SUCH AS ALLIED XL / BLT, IS NOT ACCEPTABLE.
- H. SPRINKLER HEADS LOCATED IN LAY-IN CEILINGS SHALL BE SEMI-RECESSED CHROME PLATED.
- I. SPRINKLER HEADS LOCATED IN HARD CEILINGS SHALL BE FULLY RECESSED WITH COVER MATCHING THE COLOR OF THE CEILING.
- J. AREAS WITH NO CEILINGS SHALL HAVE UPRIGHT, BRASS HEADS.
- K. FIRE PROTECTION SYSTEM SHALL BE TESTED PRIOR TO OWNER ACCEPTANCE.

GENERAL NOTES (APPLY TO ALL SHEETS):

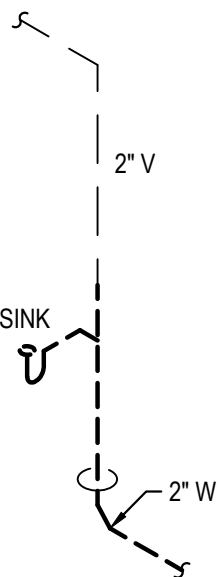
- DRAWINGS ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, TOOLS AND LABOR NECESSARY TO PROVIDE A COMPLETE PLUMBING SYSTEM COMPLIANT WITH ALL REQUIRED CODES & STANDARDS.
- CONTRACTOR SHALL VISIT THE SITE TO THOROUGHLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. IF EXISTING CONDITIONS DIFFER FROM DESIGN DOCUMENTS IN SUCH A MANNER THAT AFFECTS PRICING, THE CONTRACTOR SHALL ADJUST THE BID ACCORDINGLY AND NOTIFY THE OWNER & ENGINEER PRIOR TO SUBMITTING THE BID. NO ALLOWANCES WILL BE MADE FOR LACK OF KNOWLEDGE REGARDING THE EXISTING CONDITIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE MOUNTING HEIGHTS & LOCATIONS.
- COORDINATE ALL SAN, VENT, CW, HW, ETC. WITH EXISTING CONDITIONS & ALL OTHER TRADES.



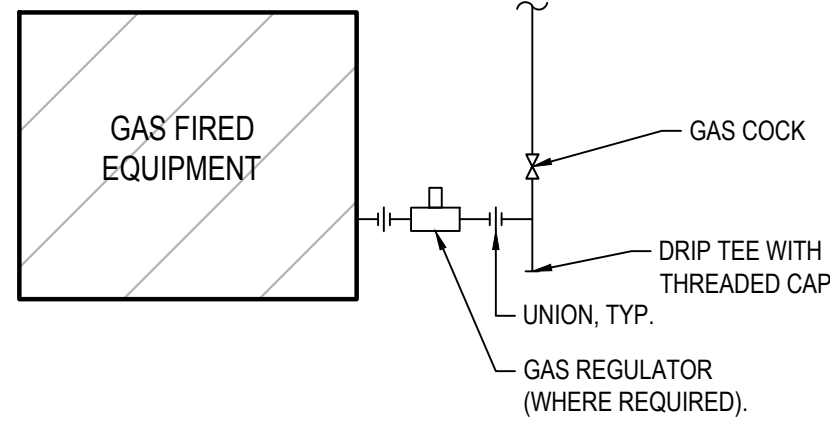
1 TRAP PRIMER DETAIL
SCALE: N.T.S.



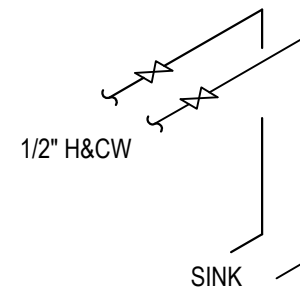
4 HWR ASSEMBLY DETAIL
SCALE: N.T.S.



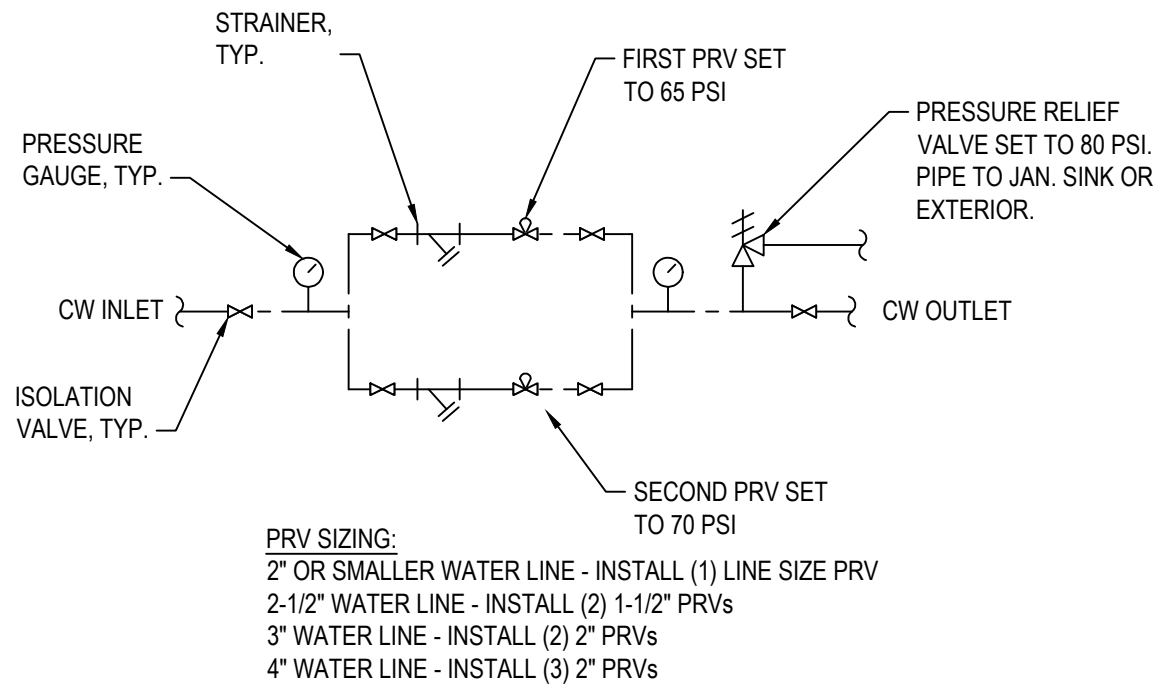
6 TYP. SINGLE SINK - SAN & VENT RISER
SCALE: N.T.S.



2 GAS CONNECTION DETAIL
SCALE: N.T.S.



5 TYP. SINGLE SINK - DOMESTIC WATER RISER
SCALE: N.T.S.



3 PRV DETAIL
SCALE: N.T.S.

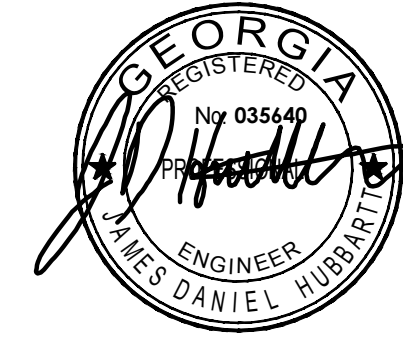
PUMP SCHEDULE										
TAG	FLOW RATE (GPM)	HEAD (FT)	NPSHR (FT)	RPM	MOTOR HP	EFFICIENCY	VOLTS/ PHASE	PUMP TYPE	BASIS OF DESIGN OR EQUAL TO	NOTES
HWRP-1 (120)	10	30	--	3250	1/6	--	120/1	INLINE	BELL & GOSSETT PL-36	1,2
NOTES:										
1. ALL WETTED PUMP PARTS SHALL BE LEAD FREE.										
2. PROVIDE WITH REMOTE AQUASTAT & TIMER TO CYCLE PUMP ON AND OFF TO MAINTAIN HW LOOP TEMPERATURE DURING OCCUPIED HOURS.										

PLUMBING FIXTURES & CONNECTION SCHEDULE						
TAG	FIXTURE	CW	HW	WASTE	VENT	FIXTURE SPECIFICATION OR EQUAL
WC-1	WATER CLOSET	1/2"	--	4"	2"	WHITE VITREOUS CHINA, FLOOR MOUNT, ELONGATED, 15" HIGH BOWL WITH 1.28 GPF FLUSH, FLUSH HANDLE ON OPEN SIDE OF FIXTURE AND SOLID PLASTIC ANTIMICROBIAL CLOSED FRONT SEAT. BASIS OF DESIGN: KOHLER K-4198 TOILET, KOHLER K-4436 TANK AND KOHLER K-4731-SC SEAT.
WC-1H	ADA WATER CLOSET	1/2"	--	4"	2"	ADA COMPLIANT, WHITE VITREOUS CHINA, FLOOR MOUNT, ELONGATED, 17" HIGH BOWL WITH 1.28 GPF FLUSH, FLUSH HANDLE ON OPEN SIDE OF FIXTURE AND SOLID PLASTIC ANTIMICROBIAL CLOSET FRONT SEAT. BASIS OF DESIGN: KOHLER K-4199 TOILET, KOHLER K-4467 TANK AND KOHLER K-4731-SC SEAT.
LV-1	LAVATORY	1/2"	1/2"	2"	2"	WHITE VITREOUS CHINA, 20"x14"x7" UNDER MOUNT LAVATORY WITH OVERFLOW, GRID STRAINER, TAIL PIECE, OFFSET P-TRAP, LOOSE KEY SERVICE STOPS, ADA INSULATION KIT, 1.2 GPM, SOLID BRASS, SINGLE LEVER FAUCET WITH CHROME PLATED, SINGLE HOLE PUNCHING AND POP UP DRAIN FITTING. BASIS OF DESIGN: KOHLER LADENA K-2214-G-0 SINK, KOHLER K-10270-4 FAUCET.
LV-1H	ADA LAVATORY	1/2"	1/2"	2"	2"	ADA COMPLIANT, WHITE VITREOUS CHINA, 20"x14"x7" UNDER MOUNT LAVATORY WITH OVERFLOW, GRID STRAINER, TAIL PIECE, OFFSET P-TRAP, LOOSE KEY SERVICE STOPS, ADA INSULATION KIT, 1.2 GPM, SOLID BRASS, SINGLE LEVER FAUCET WITH CHROME PLATED, SINGLE HOLE PUNCHING AND POP UP DRAIN FITTING. BASIS OF DESIGN: KOHLER LADENA K-2214-G-0 SINK, KOHLER K-10270-4 FAUCET.
SH-1	SHOWER	1/2"	1/2"	2"	2"	TILE SHOWER WITH 1.5 GPM SHOWER HEAD SET & VALVE. VALVE SHALL PRESSURE BALANCING, ANTI-SCALD TYPE WITH HOT LIMIT SAFETY STOP AND DIVERTER VALVE. BASIS OF DESIGN AMERICAN STANDARD "RELIANT 3" T385.501.002 HEAD SET AND R120SS VALVE.
BT-1H	ADA TUB/SHOWER	1/2"	1/2"	2"	2"	ADA TUB/SHOWER SHALL BE CLARION MODEL MP7911 PRE-MOLDED 60" X 33" TUB/SHOWER. PROVIDE WITH THE FOLLOWING MANUFACTURERS ACCESSORY OPTIONS: WHITE FINISH, SOAP DISH, SLIP RESISTANT TEXTURED BOTTOM, 1-SHAPED GRAB BAR ON SHOWER HEAD WALL, ADA GRAB BARS & FOLDING SEAT. PROVIDE CHROME FINISH CURTAIN ROD TO ACCOMMODATE STANDARD 72" X 72" SHOWER CURTAIN. SHOWER CURTAIN SHALL BE BY OTHERS. PROVIDE SHOWER FITTINGS BY AMERICAN STANDARD #1682.601 ANTI-SCALD, POLISHED CHROME BALANCED SHOWER VALVE, HAND HELD SHOWER, 59" HOSE, SLIDE BAR AND VACUUM BREAKER.
FD	FLOOR DRAIN	1/2" TP	--	3"	2"	FLOOR DRAIN WITH 6" SQUARE ADJUSTABLE, VANDAL PROOF STRAINER IN NICKLE BRONZE FINISH. BASIS OF DESIGN: JR SMITH 2000 SERIES. PROVIDE WITH TRAP PRIMER.
IMB	ICE MAKER BOX	1/2"	--	--	--	ICE MAKER BOX FOR REFRIGERATOR/WATER COOLER/COFFEE MAKER. EXACT ICEMAKER BOX LOCATION SHALL BE COORDINATED WITH EQUIPMENT LAYOUT TO ENSURE ICEMAKER BOX IS NOT VISIBLE. PROVIDE FINAL CONNECTION TO EQUIPMENT FROM ICEMAKER BOX. ICEMAKER BOX BASIS OF DESIGN: OATEY 38608.
NERH	NON-FREEZE ROOF HYDRANT	3/4"	--	--	--	NON FREEZE ROOF HYDRANT SHALL BE DRAINLESS TYPE COMPLETE WITH HOSE CONNECTION BACKFLOW PREVENTER, ASSE 1052 LISTED, FIELD TESTABLE DUAL CHECK FOR UP TO 125 PSI, CAST IRON HYDRANT SUPPORT, CAST IRON UNDER DECK FLANGE AND EPDM BOOT. BASIS OF DESIGN IS WOODFORD SRH-MS.
NOTES:						
1. ARCHITECT AND BUILDING OWNER TO HAVE FINAL APPROVAL OF ALL PLUMBING FIXTURES.						
2. FLUSH HANDLES SHALL BE ON OPEN SIDE OF FIXTURE.						
3. ALL PLUMBING FIXTURES SHALL BE WATER SENSE LABELED.						



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WE # 21349

REVISIONS		
No.	Description	Date

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
LEGEND, NOTES, DETAILS & SCHEDULES

PROJECT NUMBER 23-37
SHEET ISSUE DATE 12/12/23
SUBMITTAL PERMIT

SHEET

P0.01

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No.	Description	Date



1 Overall-Plumbing Plan-03-SWV
P1.13 1/4" = 1'-0"

KEYNOTES

- 4" SAN & 3" VENT RISERS.
- 6" SAN UP AND DN.
- NEW 6" SAN DOWN AND CONNECT TO EXISTING SANITARY SEWER LINE. FIELD VERIFY EXISTING SANITARY SEWER LINE EXACT LOCATION AND FLOW DIRECTION PRIOR FINAL CONNECTION.
- 2" W, 2" V.
- 4" SAN RISER.

OWNER
HOS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
PLUMBING PLAN-LEVEL 3-SWV

PROJECT NUMBER	23-37
SHEET ISSUE DATE	12/12/23
SUBMITTAL	PERMIT

SHEET
P1.13



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KEYNOTES	
1	4" SAN & 3" VENT RISERS.
2	4" SAN DN.
3	4" SAN BELOW FLOOR.
4	2" W, 2" V.

1 Overall-Plumbing Plan-LEVEL 4-SWV
P1.14 1/4" = 1'-0"

OWNER: **HOS MANAGEMENT**
PROJECT: **COTTON SAIL HOTEL EXPANSION**
PROJECT ADDRESS: 114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME: **PLUMBING PLAN-04-SWV**

PROJECT NUMBER	23-37
SHEET ISSUE DATE	12/12/23
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KEYNOTES	
1	4" SAN & 3" VENT RISERS.
2	4" SAN & 3" VENT DN TO FLOOR BELOW.
3	4" SAN, 2" W AND 3" V. BELOW FLOOR.
4	2" W, 2" V.
5	3" VENT UP TO 3" VTR.
6	4" SAN, 2" V.
7	3" VENT ABOVE CEILING.

1 Overall-Plumbing Plan-LEVEL 5-SWV
P1.15 1/4" = 1'-0"

OWNER
HOS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
PLUMBING PLAN-05-SWV

PROJECT NUMBER	23-37
SHEET ISSUE DATE	12/12/23
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P1.15



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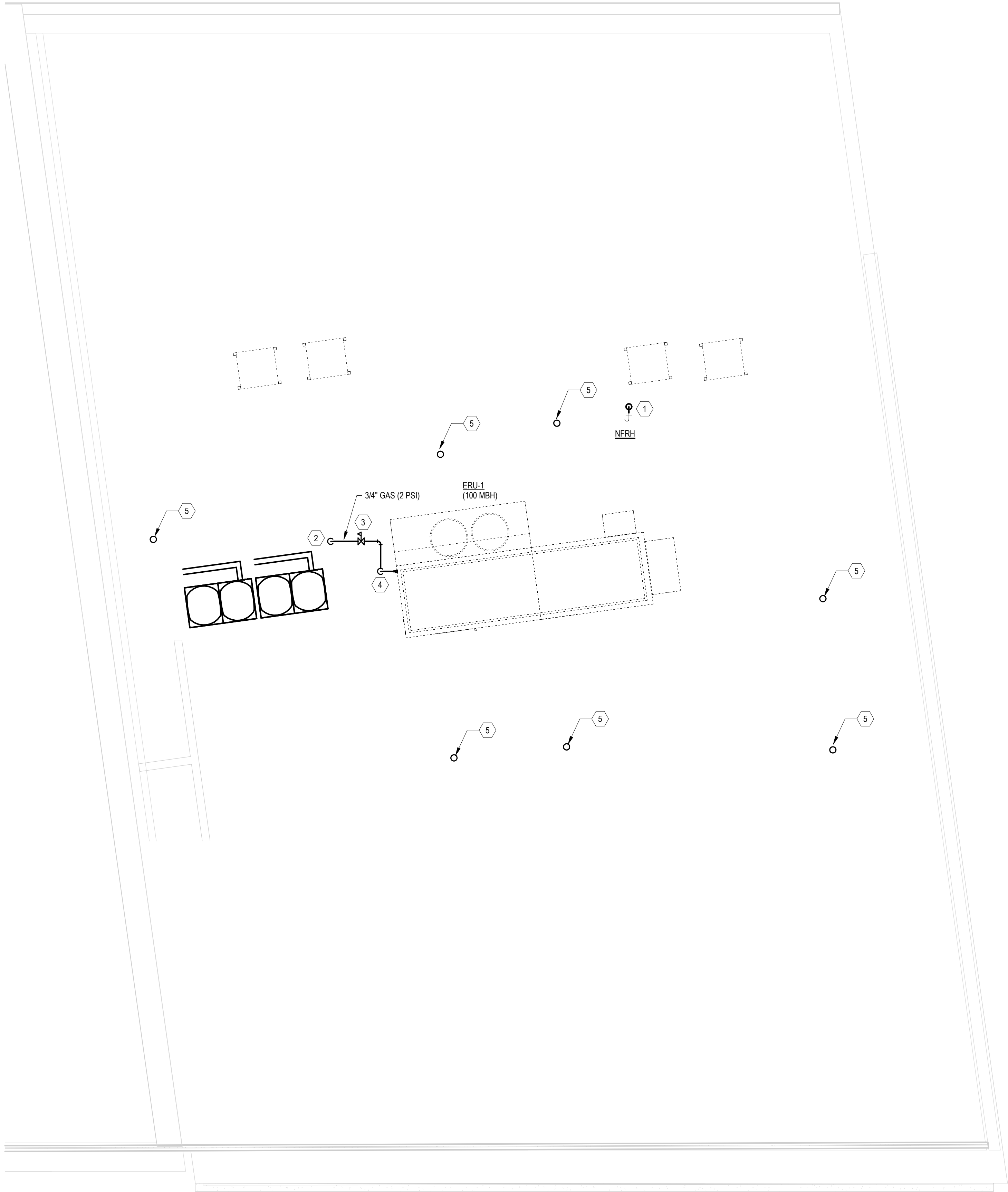
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1
P1.16 Overall-Plumbing Roof Plan-DOM Water & SWV
1/4" = 1'-0"

KEYNOTES

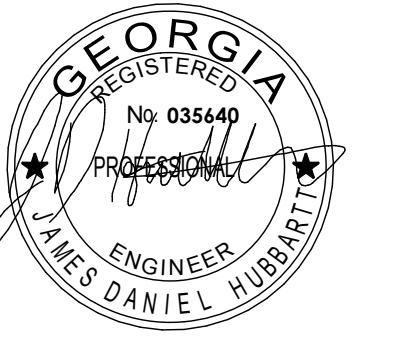
- 3/4" CW DN.
- 3/4" GAS (2 PSI) DN THROUGH ROOF CURB TO FLOOR BELOW.
- 3/4" GAS PRESSURE REGULATOR.
- 3/4" GAS COONNECT TO UNIT WITH DIRT LEG AND SHUTOFF VALVE ON VERTICAL PIPE.
- 3" VENT THRU ROOF (VTR).

OWNER
HOS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
PLUMBING ROOF PLAN-SWV & DOM WATER

PROJECT NUMBER	23-37
SHEET ISSUE DATE	12/12/23
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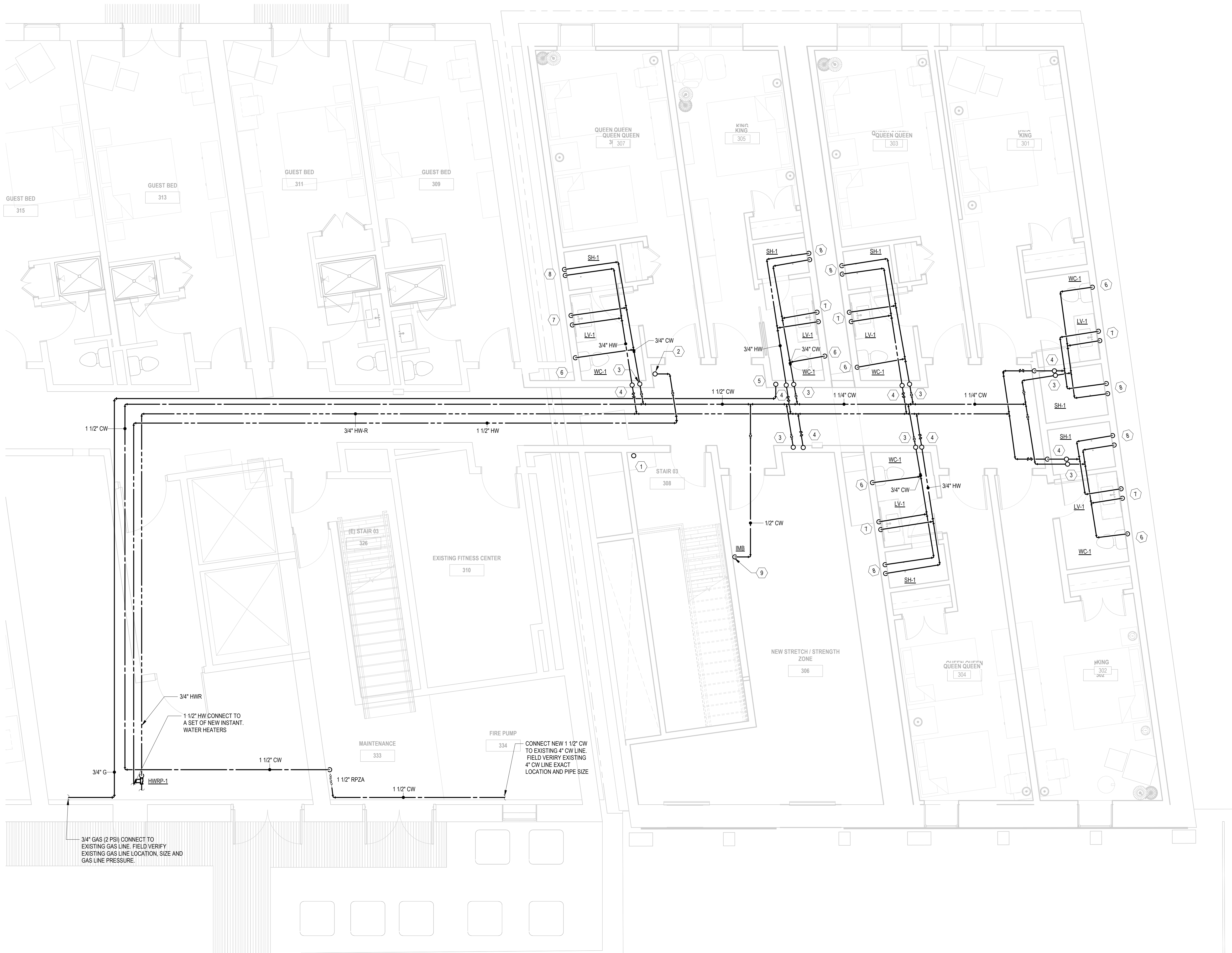
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OWNER
HOS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
PLUMBING PLAN-LEVEL 3-DOM WATER

PROJECT NUMBER	23-37
SHEET ISSUE DATE	12/12/23
SUBMITTAL	PERMIT

SHEET

P1.23

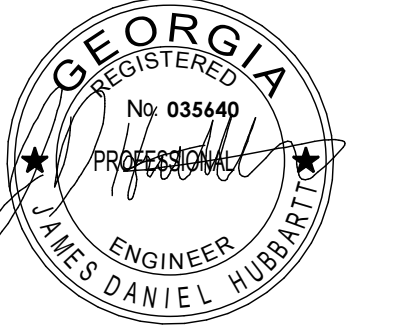


1
P1.23 Overall-Plumbing Plan-03-DOM Water
1/4" = 1'-0"

KEYNOTES

- 1 FIRE STANDPIPE (SHOW FOR GENERAL COORDINATION PURPOSES ONLY).
- 2 1 1/2" HW UP TO FLOOR ABOVE.
- 3 1" CW RISER.
- 4 1" HW RISER.
- 5 3/4" GAS (2 PSI) RISER.
- 6 1/2" CW DN.
- 7 1/2" H&OW DN.
- 8 1/2" H&OW DN TO MIXING CONTROL VALVE AND ROUTE TEMP LINE TO CONNECT TO SHOWER HEAD.
- 9 1/2" CW DN TO WATER COOLER.

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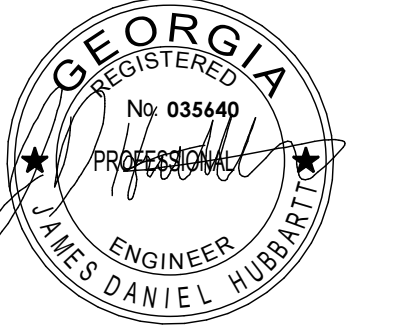
1 Overall-Plumbing Plan-04-DOM Water
P1.24 1/4" = 1'-0"

KEYNOTES	
1	1" CW RISER.
2	1" HW RISER.
3	1 1/2" HW RISER.
4	FIRE STANDPIPE (SHOW FOR GENERAL COORDINATION PURPOSES ONLY).
5	FIRE STANDPIPE OVERHEAD.
6	FIRE STANDPIPE UP TO ABOVE FLOOR.
7	1/2" CW DN.
8	1/2" H&CW DN.
9	1/2" H&CW DN TO MIXING CONTROL VALVE AND ROUTE TEMP LINE TO CONNECT TO SHOWER HEAD.
10	3/4" GAS (2 PSI) RISER.

PROJECT NUMBER	23-37
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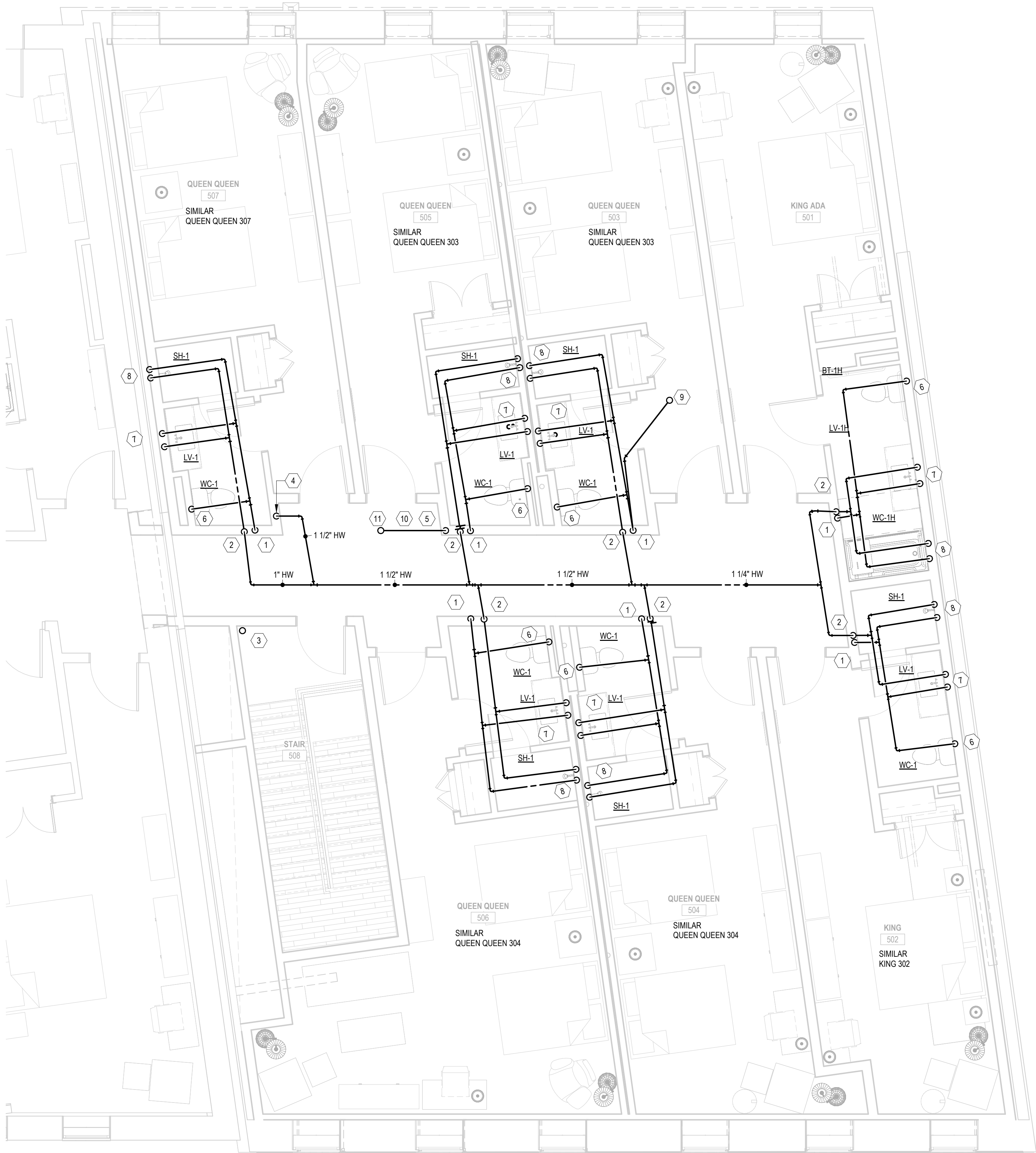
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1 Overall-Plumbing Plan-05- DOM Water
P1.25 1/4" = 1'-0"

- KEYNOTES**
- 1 3/4" CW DN TO FLOOR BELOW.
 - 2 1" HW DN TO FLOOR BELOW.
 - 3 FIRE STANDPIPE (SHOW FOR GENERAL COORDINATION PURPOSES ONLY).
 - 4 1 1/2" HW DN TO FLOOR BELOW.
 - 5 3/4" GAS (2 PSI) DN TO FLOOR BELOW.
 - 6 1/2" CW DN.
 - 7 1/2" H&CW DN.
 - 8 1/2" H&CW DN TO MIXING CONTROL VALVE AND ROUTE TEMP LINE TO CONNECT TO SHOWER HEAD.
 - 9 3/4" CW UP TO NFRH.
 - 10 3/4" GAS (2 PSI) OVERHEAD.
 - 11 3/4" GAS (2 PSI) UP TO ROOF ABOVE THROUGH ROOF CURB.

OWNER
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PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
PLUMBING PLAN-LEVEL 5-DOM WATER

PROJECT NUMBER	23-37
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GENERAL ELECTRICAL NOTES:

- FOR EXACT LOCATION OF EQUIPMENT MOUNTED IN SUSPENDED CEILINGS, SUCH AS LIGHTING FIXTURES, AND SMOKE DETECTORS, SEE ARCHITECTURAL REFLECTED CEILING PLANS. ARCHITECTURAL REFLECTED PLAN SHALL GOVERN FINAL LOCATION.
- PRIOR TO ROUGH-IN, CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL WIRING DEVICE WITH ARCHITECTURAL ELEVATION TO AVOID CONFLICTS WITH CASEWORK, COUNTER TOPS, DOOR SWINGS, ETC. WHERE CONFLICTS OCCURS, CONTRACTOR SHALL CONTACT THE ARCHITECT IN WRITING FOR RESOLUTION.
- ALL MOUNTING HEIGHT DIMENSIONS ARE TO THE CENTER OF THE OUTLET BOX UNLESS OTHERWISE NOTED.
- FOR EXACT LOCATION OF ALL EXTERIOR LIGHTING FIXTURES MOUNTED ON EXTERIOR OF BUILDING, ARCHITECTURAL ELEVATIONS SHALL GOVERN
- PRIOR TO ROUGH-IN FOR ALL LIGHTING SWITCHES, VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL PLANS.
- THE CONTRACTOR SHALL USE CARE WHEN CUTTING OPENINGS FOR OUTLET BOXES IN CMU WALLS. OUTLET BOXES SHALL BE INSTALLED IN CMU WALLS SECURELY WITH EPOXY.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING OUTLET BOX INSTALLATION WITH WALL FINISH (GYPSUM FURRING, TILE, ETC). THE CONTRACTOR SHALL PROVIDE AND INSTALL ANY EXTENSION RINGS NECESSARY TO ACCOMMODATE WALL FINISHES.
- ALIGN VERTICALLY AND HORIZONTALLY ALL LIGHT SWITCHES, THERMOSTATS, FIRE ALARM PULL STATIONS, ETC. ALL THESE ITEMS SHALL BE CLUSTERED WHERE POSSIBLE. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
- COORDINATE MOUNTING OF ALL EXTERIOR DISCONNECT WITH ARCHITECTURAL ELEVATIONS. IF NOT INDICATED ON ARCHITECTURAL ELEVATIONS, REQUEST ELEVATIONS OF DISCONNECT SWITCHES FROM ARCHITECT IN WRITING PRIOR TO ROUGH-IN.
- ALL CONDUITS FOR LOW VOLTAGE OUTLETS SHALL BE DEDICATED TO A SINGLE BOX. NO DAISY CHAINING OR SHARING OF CONDUITS BETWEEN LOW VOLTAGE OUTLET BOXES IS PERMITTED UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS.
- PROVIDE FIELD IDENTIFICATION FOR PANELBOARDS AND SWITCHBOARDS (IF APPLICABLE) PER NEC 408.4. ADDITIONALLY, EACH RECEPTACLE AND DISCONNECT SHALL HAVE A PRINTED LABEL WITH SPECIFIC PANEL AND CIRCUIT NUMBER.
- PROVIDE PERMANENT NAMEPLATE LABEL FOR PANELBOARDS IDENTIFYING COLOR CODING FOR BRANCH CIRCUITS, IN ACCORDANCE WITH NEC 210.5(C)(1).
- PER NEC 408.6, AVAILABLE FAULT CURRENT AND THE DATE THE CALCULATION WAS PERFORMED MUST BE FIELD MARKED ON THE ENCLOSURE AT THE POINT OF THE SUPPLY. THE MARKING MUST BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED PER 110.24.

GENERAL ELECTRICAL DEMOLITION NOTES

- ELECTRICAL CONTRACTOR SHALL REMOVE DEVICES ON WALLS TO BE REMOVED AND AS DIRECTED BY ARCHITECT.
- ELECTRICAL CONTRACTOR SHALL REMOVE ALL ASSOCIATED WIRING, CONDUIT, SURFACE RACEWAY, ETC. FOR DEVICES/LOADS BEING REMOVED. ITEMS REMOVED SHALL BECOME PROPERTY OF THE ELECTRICAL CONTRACTOR (UON) AND SHALL BE REMOVED FROM THE SITE. ITEMS REMOVED SHALL NOT BE STORED AT THE SITE. UNDER NO CONDITIONS SHALL ITEMS REMOVED BE USED IN THE NEW CONSTRUCTION.
- ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE SITE PRIOR TO CONSTRUCTION TO ASCERTAIN THE EXISTING CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
- IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO PROTECT AND RETAIN POWER TO ALL EXISTING ACTIVE EQUIPMENT TO REMAIN. THIS INCLUDES RE-ROUTING OF EXISTING CIRCUITING EFFECTED BY DEMOLITION.
- ALL REMOVED COMPUTER EQUIPMENT SHALL BE TURNED OVER TO OWNER UNLESS DIRECTED TO DO OTHERWISE.
- SEE MECHANICAL DRAWING FOR HEATERS, EXHAUST FANS, ETC., WHICH MUST BE DISCONNECTED BY THE ELECTRICAL CONTRACTOR FOR REMOVAL OR ABANDONMENT BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL REMOVE ALL STARTERS, DISCONNECT SWITCHES AND ASSOCIATED CONDUIT AND WIRING.
- REMOVE ALL CONDUIT, WIRE, BOXES AND FASTENING DEVICES AS REQUIRED TO AVOID ANY INTERFERENCE WITH NEW INSTALLATION.
- CONDUITS MAY BE ABANDONED IN FLOOR AND WALLS ONLY. ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING FROM ABANDONED CONDUITS, DISCONNECT FROM ALL POWER SOURCES AND PROVIDE BLANK PLATES ON ALL ABANDONED OUTLETS. CUT OFF ABANDONED CONDUITS 1" BELOW FINISHED FLOOR AND GROUT FLUSH. ABANDONED CONDUIT SHALL BE CAPPED AT BOTH ENDS.
- ELECTRICAL CONTRACTOR SHALL TRACE ALL CIRCUITS IN EXISTING PANELS TO REMAIN AFFECTED BY DEMOLITION. TURN OFF AND TAG ALL UNUSED CIRCUIT BREAKERS AS AND LABEL AS "SPARE" AND TIGHTEN ALL CONNECTIONS. PROVIDE NEW TYPED DIRECTORY WITH DATE, PROTECTED BY PLASTIC AND PLACE IN COVER OF PANELS CONSISTENT WITH NEW CONSTRUCTION.
- ANY ELECTRICAL OUTAGES REQUIRED BY THE WORK SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE AND CONFIRMED IN WRITING. ANY OUTAGE SHALL NOT BE SCHEDULED DURING NORMAL BUSINESS HOURS OR DURING FACILITY FUNCTIONS AND ALL COSTS FOR OVERTIME SHALL BE INCLUDED IN THE BID.
- EXISTING LIGHTING FIXTURE BALLASTS AND FLUORESCENT LAMPS MAY CONTAIN PCB'S. DISPOSE OF BALLASTS AND LAMPS IN ACCORDANCE WITH EPA.
- HOLES LEFT BY REMOVAL OF ELECTRICAL DEVICES, PANELS, ETC. SHALL BE PATCHED IN EXISTING WALLS TO REMAIN. REFER TO ARCHITECTURAL DRAWINGS.

ABBREVIATIONS

A	- AMPERES	MCB	- MAIN CIRCUIT BREAKER
A.F.F.	- ABOVE FINISHED FLOOR	MLO	- MAIN LUG ONLY
A.F.G.	- ABOVE FINISHED GRADE	NTS	- NOT TO SCALE
BFG	- BELOW FINISHED GRADE	P	- POLE
C	- CONDUIT	PNL	- PANEL
ETR	- EXISTING TO REMAIN	SN	- SOLID NEUTRAL
F	- FUSE	U.O.N.	- UNLESS OTHERWISE NOTED
GFI	- GROUND FAULT CIRCUIT INTERRUPTING	V	- VOLTS
G	- GROUND	W	- WIRE
KVA	- KILO VOLT AMP	WP	- WEATHERPROOF/GFI
KW	- KILOWATT		

UTILITY NOTES:

- PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL HAVE ALL EXISTING UNDERGROUND UTILITIES LOCATED.

FIRE PROOFING NOTES:

- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE STOPPING AT ALL WALL, FLOOR AND CEILING PENETRATIONS WHERE CONDUIT PENETRATIONS OCCUR.
- PROVIDE FIRE STOPPING AT CONDUIT PENETRATIONS PER UL.

DEVICE PLATE NOTE:

ALL COVERPLATES SHALL BE NYLON WITH FINISH PER ARCHITECT. ALL DEVICES (SWITCHES, RECEPTACLES, ETC) SHALL BE FINISH BY ARCHITECT (UON). COORDINATE WITH ARCHITECTURAL PLANS.

LIGHTING CONTROL COMMISSIONING:

COMMISSION ALL AUTOMATIC LIGHTING CONTROLS IN ACCORDANCE WITH THE 2015 IECC ENERGY CODE. COORDINATE TESTING WITH LIGHTING CONTROLS SUPPLIER.

WIRE SIZE CHART:

CONTRACTOR SHALL PROVIDE WIRING FOR 120V. CIRCUITS (LINE TO NEUTRAL) OF SIZES BELOW DEPENDING UPON CIRCUIT LENGTH BELOW:

< 100 FT	#12 AWG (CU)
100-160 FT	#10 AWG (CU)
160-250 FT	#8 AWG (CU)

ELECTRICAL LEGEND

LIGHTING

	LIGHTING FIXTURE
	EMERGENCY LIGHTING FIXTURE AND/OR NIGHTLIGHT AS INDICATED
	DOWNLIGHT.
	EXIT LIGHTING FIXTURE, FACE PLATES (DARKENED) AND DIRECTIONAL ARROWS AS INDICATED. PROVIDE WITH BATTERY BACKUP, UNO. CONNECT AHEAD OF LOCAL SWITCH.
	SINGLE POLE SWITCH, 20A, 120/277 VOLT, 46" A.F.F..
	THREE-WAY SWITCH, 20A, 120/277 VOLT, 46" A.F.F..
	FOUR-WAY SWITCH, 20A, 120/277 VOLT, 46" A.F.F..
	DIMMER SWITCH, 46" A.F.F. PROVIDE WATGAGE AS REQUIRED. PROVIDE DIMMER SWITCH COMPATIBLE WITH LED LIGHT FIXTURE. PROVIDE WIRING AS REQUIRED FROM DIMMER TO LIGHT FIXTURE. COORDINATE WITH FIXTURE MANUFACTURER.
	CEILING MOUNTED OCCUPANCY SENSOR. BY WATT STOPPER OR APPROVED EQUAL PROVIDED WITH NUMBER OF SWITCH PACKS AS REQUIRED AND ALL OTHER REQUIRED ACCESSORIES FOR PROPER INSTALLATION.
	WALL MOUNTED SWITCH, 20A, 120/277V, 46" AFF WITH INTEGRAL OCCUPANCY SENSOR. BY WATT STOPPER OR APPROVED EQUAL PROVIDED WITH NUMBER OF SWITCH PACKS AS REQUIRED AND ALL OTHER REQUIRED ACCESSORIES FOR PROPER INSTALLATION.

POWER

	DUPLEX GROUNDING TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F., U.O.N..
	(2) DUPLEX GROUNDING TYPE RECEPTACLES IN COMMON BOX, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F, U.O.N
	DUPLEX GROUND FAULT INTERRUPTER TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F., U.O.N.
	WEATHER RESISTANT RATED, DUPLEX GROUND FAULT INTERRUPTER TYPE RECEPTACLE, MOUNT HORIZONTALLY 18" A.F.F., U.O.N., IN CAST OUTLET BOX WITH GASKET DEVICE COVER.
	SPECIAL RECEPTACLE, AMPERAGE, AND VOLTAGE AS INDICATED, 18" AFF, UON.
	PROVIDE COMBINATION USB CHARGER AND TAMPER RESISTANT RECEPTACLE, LEVITON DEVICE #15632. COORDINATE LOCATIONS WITH ARCHITECT.
	PANELBOARD
A-1	ELECTRICAL CIRCUIT RUN IN CONDUIT AND CIRCUIT HOMERUN TO PANELBOARD (PANEL AND CIRCUIT DESIGNATION AS INDICATED). AS A MINIMUM CONDITION, EACH SINGLE PHASE CIRCUIT SHALL HAVE ONE #12 PHASE CONDUCTOR, ONE #12 NEUTRAL CONDUCTOR, AND ONE #12 GROUNDING CONDUCTOR (PLUS ONE INSULATED, ISOLATED GROUNDING CONDUCTOR WHEN SERVING ISOLATED GROUND TYPE DEVICES) IN 1/2" CONDUIT. PROVIDE ADDITIONAL PHASE CONDUCTORS AS REQUIRED FOR "MULTIPLE PHASED" ELECTRICAL LOADS. PROVIDE ADDITIONAL "SWITCH LEG" CONDUCTORS TO PROVIDE THE LIGHT FIXTURE CONTROL INDICATED. MULTIPLE SINGLE PHASE CONDUCTORS SHALL BE GROUPED TOGETHER IN A COMMON CONDUIT IN ACCORDANCE WITH THE NEC AND AT THE CONTRACTOR'S DISCRETION. MULTIPLE SINGLE PHASE CONDUCTORS SERVING ISOLATED GROUND RECEPTACLES SHALL NOT SHARE COMMON NEUTRALS. NEUTRAL AND GROUNDING CONDUCTORS SHALL BE SHARED AS ALLOWED BY THE NEC. BRANCH CIRCUIT CONDUCTORS IN CONDUIT SHALL BE RUN CONCEALED IN WALLS AND/OR ABOVE CEILINGS, IN/OR BELOW FLOORS, EXCEPT IN EXPOSED CONSTRUCTION AREAS. FLUORESCENT LIGHTING CIRCUITS SERVING SWITCHED FIXTURES WITH EMERGENCY BATTERY BACK-UP SHALL CONTAIN ONE UNSWITCHED CONDUCTOR. FLUORESCENT DIMMING CIRCUITS SERVING DIMMING BALLASTS SHALL BE PROVIDED WITH WIRING AS REQUIRED BY BALLAST MANUFACTURER. MULTIPLE PHASE LIGHTING CIRCUITS SERVING DIMMED LOADS SHALL NOT SHARE COMMON NEUTRALS.

	JUNCTION BOX.
	DISCONNECT SWITCH, 240 OR 600 VOLTS AS REQUIRED. AMPS, POLES AND FUSING AS NOTED, NEMA 1, U.O.N.
	MOTOR RATED SWITCH. MOUNT WITHIN SIGHT OF EQUIPMENT.
	MOTOR CONNECTION, WITH INTEGRAL DISCONNECTING MEANS.
	STARTER
	KEYNOTE.

SPECIAL SYSTEMS

	TELEPHONE/DATA OUTLET 18" A.F.F., U.O.N. DOUBLE GANG BOX WITH DEVICE PLATE. PROVIDE 1" (UON) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING. PROVIDE WITH SINGLE GANG ADAPTER.
	TELEPHONE OUTLET 18" A.F.F., U.O.N. DOUBLE GANG BOX WITH DEVICE PLATE. PROVIDE 3/4" (UON) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING. PROVIDE WITH SINGLE GANG ADAPTER.
	TELEVISION OUTLET 18" A.F.F., U.O.N. SINGLE GANG BOX WITH DEVICE PLATE. PROVIDE 3/4" (UON) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING.
	TELEPHONE/TELEVISION BACKBOARD, 4' X 4' X 3/4" THICK EXTERIOR GRADE PLYWOOD. MOUNT VERTICALLY WITH BOTTOM OF PLYWOOD 6" A.F.F., U.O.N.

FIRE ALARM SYSTEMS

	FIRE ALARM PULL STATION. WALL MOUNT AT 46"A.F.F (ON CENTER)
	FIRE ALARM HORN/STROBE. WALL MOUNT 80" A.F.F. TO BOTTOM OF LENS, (BOTTOM OF LENS 96" MAX A.F.F OR 6" BELOW CEILING IN COMPLIANCE WITH NFPA 72.)
	FIRE ALARM STROBE. WALL MOUNT 80" A.F.F. TO BOTTOM OF LENS, (BOTTOM OF LENS 96" MAX A.F.F OR 6" BELOW CEILING IN COMPLIANCE WITH NFPA 72.)
	FIRE ALARM SMOKE DETECTOR, PHOTOELECTRIC TYPE.
	FIRE ALARM HEAT DETECTOR.
	DUCT SMOKE DETECTOR.
	FIRE ALARM STROBE. CEILING MOUNT.
	FIRE ALARM HORN/STROBE. CEILING MOUNT.

LIGHTING FIXTURE SCHEDULE								
TYPE	DESCRIPTION	MOUNT	VOLTAGE	LAMP QTY	LAMP WATTAGE/ TYPE	MANUFACTURER	CATALOG NUMBER	NOTES
A1	ROUND LED DOWNLIGHT; CORRIDOR.	SURFACE	120		20W LED 3500K (ASSUMED)	TBD	REFER TO INTERIORS FOR LIGHT FIXTURE SELECTION.	2
A2	ROUND LED DOWNLIGHT; GUESTROOM SHOWER. WET LOCATION RATED.	SURFACE	120		20W LED 3500K (ASSUMED)	TBD	REFER TO INTERIORS FOR LIGHT FIXTURE SELECTION.	2
A3	ROUND LED DOWNLIGHT; OFFICE, SUNDRIES.	SURFACE	120		20W LED 3500K (ASSUMED)	TBD	REFER TO INTERIORS FOR LIGHT FIXTURE SELECTION.	2
A4	4FT LED LINEAR LIGHT FIXTURE; STAIRWELL.	SURFACE	120		40W LED 4000K	LITHONIA LIGHTING	BLWP4-48L-ADSM-G2I-LP840	1,2
A5	LED SURFACE MOUNT LIGHT FIXTURE; FITNESS CENTER.	SURFACE	120		14W LED 3500K	REMINGTON	RIVERFRONT LUXE OPTION - 14238	2
B	4FT LED LINEAR WALL WASH FIXTURE; CORRIDOR.	WALL	120		15W/FT LED 3500K	FOCAL POINT	PWLS-FL-250LF-35K-1C-UNV-LD1-U-WH-4H 0W	2
C1	DECORATIVE LED WALL SCONCE; CORRIDOR.	WALL	120	2	6W LED BULB: E12 3500K	REMINGTON	RIVERFRONT LUXE OPTION - 14666	2
C2	STANDALONE LIGHT GLASS LIGHT FIXTURE; CORRIDOR. FINISH BY ARCHITECT.	RECESSED	120		69.84W LED 3500K	LIGHT GLASS LIGHTING	S-48X48-G-[FRAME WIDTH][COLOR TEMP]-I-WX-[FINISH]	2
D1	LED SURFACE MOUNT LIGHT FIXTURE; GUESTROOM	SURFACE	120		18W LED 3000K	REMINGTON	RIVERFRONT LUXE OPTION - 14636	2
D2	DECORATIVE LED PENDANT; GUESTROOM	PENDANT	120		25W LED BULB: E26 3000K	REMINGTON	RIVERFRONT LUXE OPTION - 14145	2
E	LED COVE LIGHTING; RECEPTION/LOBBY.	COVE	120		5W/FT LED (ASSUMED)	TBD	REFER TO INTERIORS FOR LIGHT FIXTURE SELECTION.	2
F1	DECORATIVE LED PENDANT; RECEPTION/LOBBY.	PENDANT	120	3	25W LED BULB: E26 3500K	SHADE OF LIGHT	BEADED DRAPE CURL CHANDELIER - SKU: CH1804SA WH	2
F2	DECORATIVE LED PENDANT; RECEPTION/LOBBY.	PENDANT	120		10W LED BULB: E26 3500K	REMINGTON	RIVERFRONT LUXE OPTION - 14876	2
F3	DECORATIVE LED PENDANT; RECEPTION/LOBBY.	PENDANT	120		15W LED BULB: E26 3500K	SHADE OF LIGHT	ROPE AND GLASS CYLINDER PENDANT - SKU: PE16003 CH	2
F4	DECORATIVE LED PENDANT; RECEPTION/LOBBY.	PENDANT	120		16W LED BULB: E26 3500K	REMINGTON	RIVERFRONT LUXE OPTION - 14033.01	2
F5	DECORATIVE LED PENDANT; RECEPTION/LOBBY.	PENDANT	120		25W LED 3500K (ASSUMED)	TBD	REFER TO INTERIORS FOR LIGHT FIXTURE SELECTION.	2
G	RELOCATED STRIP LIGHT.	SURFACE	120	-	-	-	EXISTING FIXTURE TO BE RELOCATED.	
	EMERGENCY BATTERY PACK	WALL	120		FURN WITH UNIT	LITHONIA LIGHTING	ELM2L	2
	EDGE LIT EXIT SIGN, SINGLE FACE, RED LETTERING, PROVIDE WITH ARROW(S) AS SHOWN WITH INTEGRAL BATTERY BACK-UP	CEILING/ WALL	120		FURN WITH UNIT	MATCH EXISTING	MATCH EXISTING	2
	EDGE LIT EXIT SIGN, DOUBLE FACE MIRRORRED, RED LETTERING, PROVIDE WITH ARROW(S) AS SHOWN WITH INTEGRAL BATTERY BACK-UP	CEILING/ WALL	120		FURN WITH UNIT	MATCH EXISTING	MATCH EXISTING	
NOTES:								
1. PROVIDE WITH 90-MINUTE BATTERY BACKUP WHERE INDICATED ON DRAWINGS. LINEAR FIXTURES SHALL HAVE 600 LUMEN INVERTER. DOWNLIGHTS SHALL HAVE INTEGRAL TEST SWITCH.								
2. COORDINATE FINAL KELVIN TEMPERATURE OF LIGHT FIXTURE IN QUEST ROOMS, COORIDOR, AND LOBBY WITH ARCHITECT PRIOR TO ORDERING.								



COMcheck Software Version COMcheckWeb

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: 21349 - Cotton Sail Hotel Expansion
Project Type: Addition

Construction Site: Owner/Agent: Designer/Contractor:

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Fitness Area (Gymnasium/Fitness Center:Exercise Area)	569	0.72	410
2-Lobby (Common Space Types:Lobby - General)	1134	0.90	1021
3-Corridor (Common Space Types:Corridor/Transition <8 ft wide)	846	0.66	558
Total Allowed Watts =			1989

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Fitness Area (Gymnasium/Fitness Center:Exercise Area) LED: A5: LED SURFACE MOUNT LIGHT FIXTURE: Other:	1	11	14	154
LED: C2: STANDALONE LIGHT GLASS LIGHT Ft: Other:	1	2	70	140
2-Lobby (Common Space Types:Lobby - General) LED: A3: ROUND LED DOWNLIGHT: Other:	1	23	20	460
LED: E: LED COVE LIGHTING: Other:	1	1	125	125
LED: F1: DECORATIVE LED PENDANT: Other:	3	1	75	75
LED: F2: DECORATIVE LED PENDANT: Other:	1	1	10	10
LED: F3: DECORATIVE LED PENDANT: Other:	1	3	15	45
LED: F4: DECORATIVE LED PENDANT: Other:	1	2	16	32
LED: F5: DECORATIVE LED PENDANT: Other:	1	3	25	75
3-Corridor (Common Space Types:Corridor/Transition <8 ft wide) LED: A1: ROUND LED DOWNLIGHT: Other:	1	21	20	420
LED: B: 4FT LED LINEAR WALL WASH FIXTURE: Other:	1	3	60	180
LED: C1: DECORATIVE LED WALL SCONCE: Other:	1	9	6	54
Total Proposed Watts =				1770

Interior Lighting PASSES: Design 11% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Project Title: 21349 - Cotton Sail Hotel Expansion

Data filename:

Report date: 12/12/23

Page 1 of 5

Charles Esslinger

Name - Title

Signature

12/12/2023

Date

OWNER
HOS MANAGEMENT

PROJECT

COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS

114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME

NOTES, DETAILS, AND LEGEND

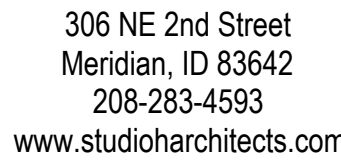
PROJECT NUMBER 23-37

SHEET ISSUE DATE 12/12/23

SUBMITTAL PERMIT

SHEET

E000



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WESTSIDE
ENGINEERING

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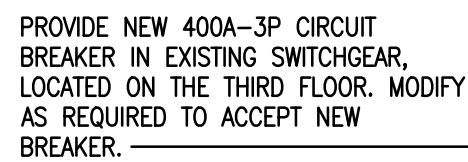
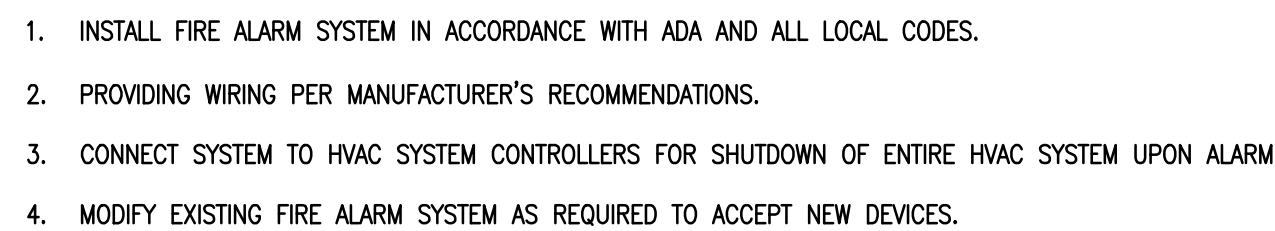
GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL TRACE ALL CIRCUITS IN EXISTING PANELS TO REMAIN AFFECTED BY DEMOLITION. TAG AND TURN OFF ALL UNUSED CIRCUIT BREAKERS AND LABEL AS "SPARE" AND TIGHTEN ALL CONNECTIONS. PROVIDE NEW TYPED DIRECTORY PROTECTED BY PLASTIC AND PLACE IN COVER OF PANELS CONSISTENT WITH NEW CONSTRUCTION.

KEYNOTES:

- ① EXISTING PANEL TO REMAIN. PROVIDE CIRCUIT BREAKERS AS REQUIRED. CIRCUIT BREAKERS ARE EXISTING, UON. FIELD VERIFY EXACT REQUIREMENTS.
- ② PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANEL TO ACCOMMODATE NEW LOAD.

ROOFING	28.4 (kW)	CONNECTED LOAD (kW)	80.8	DEMAND PER PHASE (AMPS)	231.7 A
RECEPTACLES	28.4	DEMAND LOAD (kW)	80.8		232.7 A
MOTORS	2.8				236.5 C
A/C	27.3				
HEATING	22.9	CONNECTED LOAD (AMPS)	243.7	CONNECTED PER PHASE (AMPS)	251.7 A
KITCHEN	0	DEMAND LOAD (AMPS)	222.6		247.5 B
WATER HEATER/CHARGER	0				232.5 C
DEDICATED/NONCONTINUOUS	0	PANEL AMPLACITY REQUIRED:	222.6		
NOTES	BREAKER TYPES GFG-GFI, AF-AFO, SH-SHUNT, TRP-SW-SWITCH NEUTRAL				



SHEET NAME
RISER DIAGRAM AND PANEL SCHEDULES

SHEET

E001

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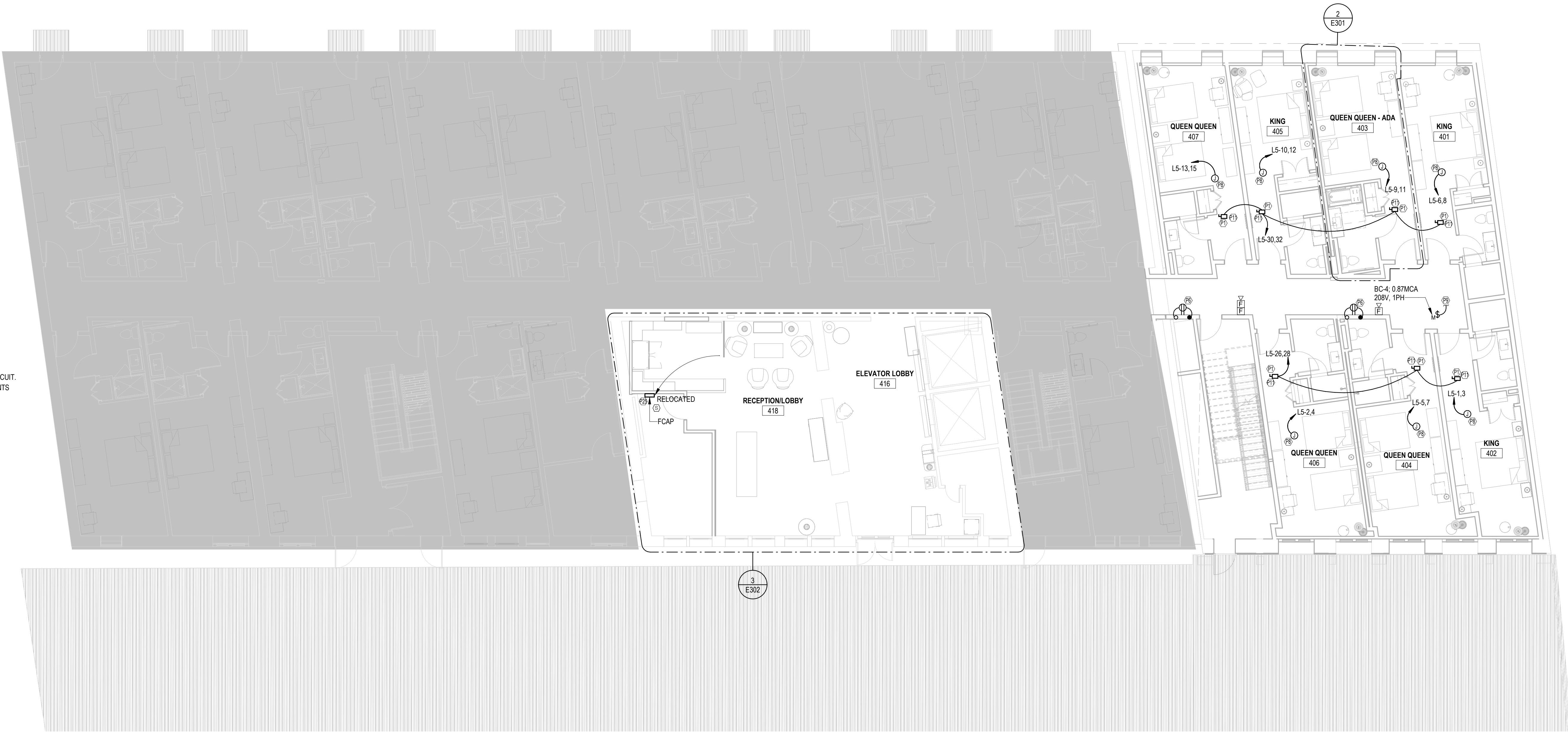


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REVISIONS

No.	Description	Date



2
E101
FOURTH FLOOR - ELECTRICAL PLAN
1/8" = 1'-0"



1
E101
THIRD FLOOR - ELECTRICAL PLAN
1/8" = 1'-0"

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
THIRD AND FOURTH FLOOR - ELECTRICAL PLAN

PROJECT NUMBER
23-37
SHEET ISSUE DATE
12/12/23
SUBMITTAL
PERMIT

SHEET

E101

STAMP:



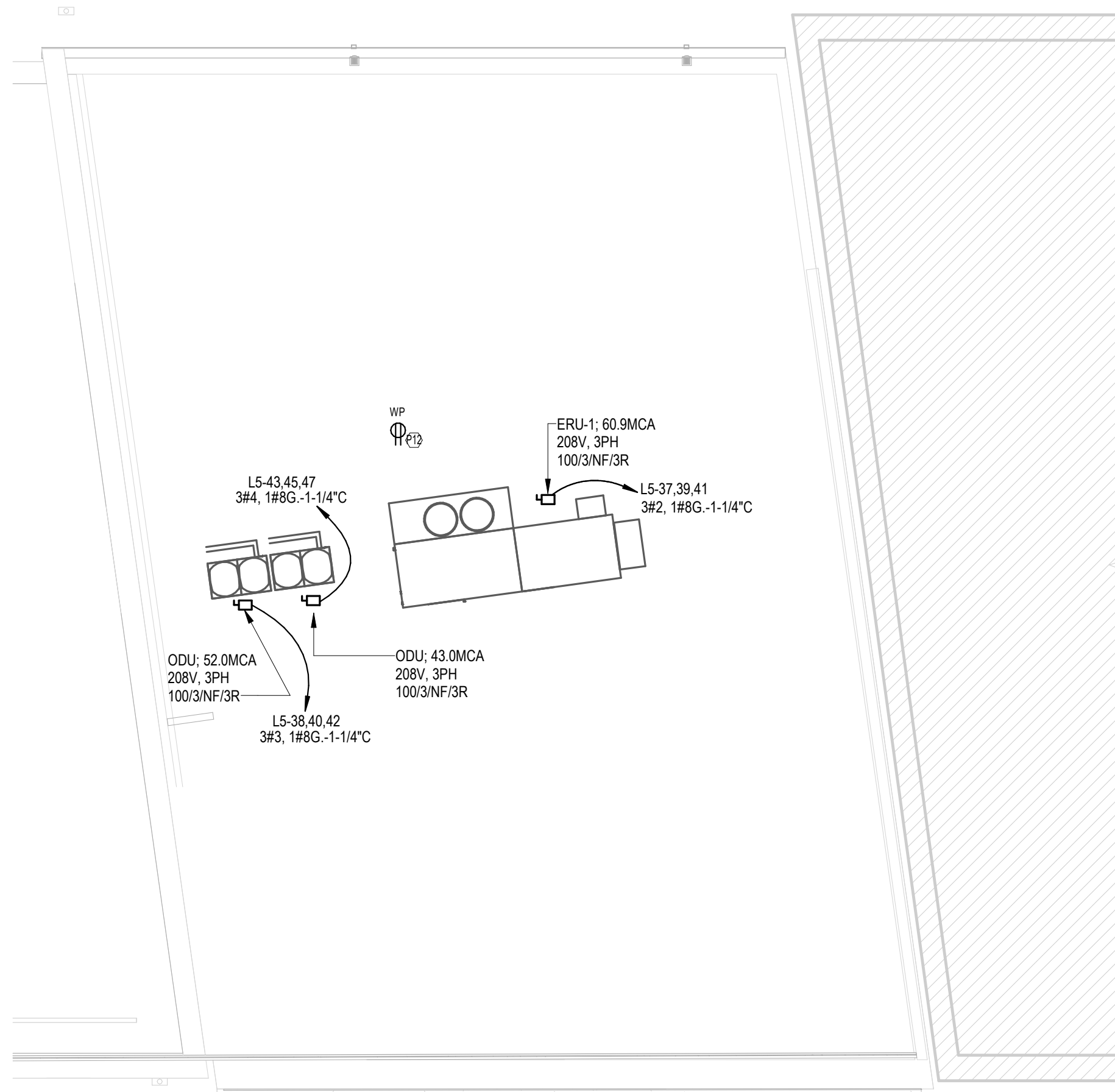
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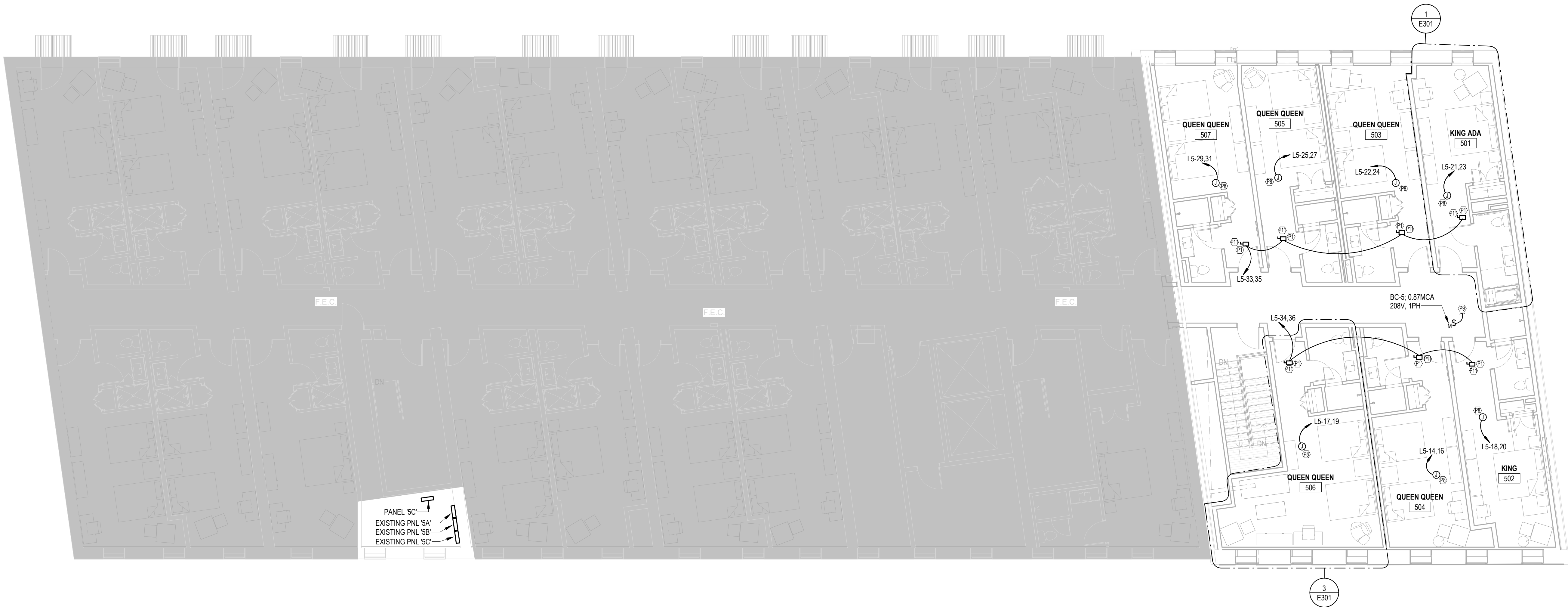
REVISIONS

No.	Description	Date

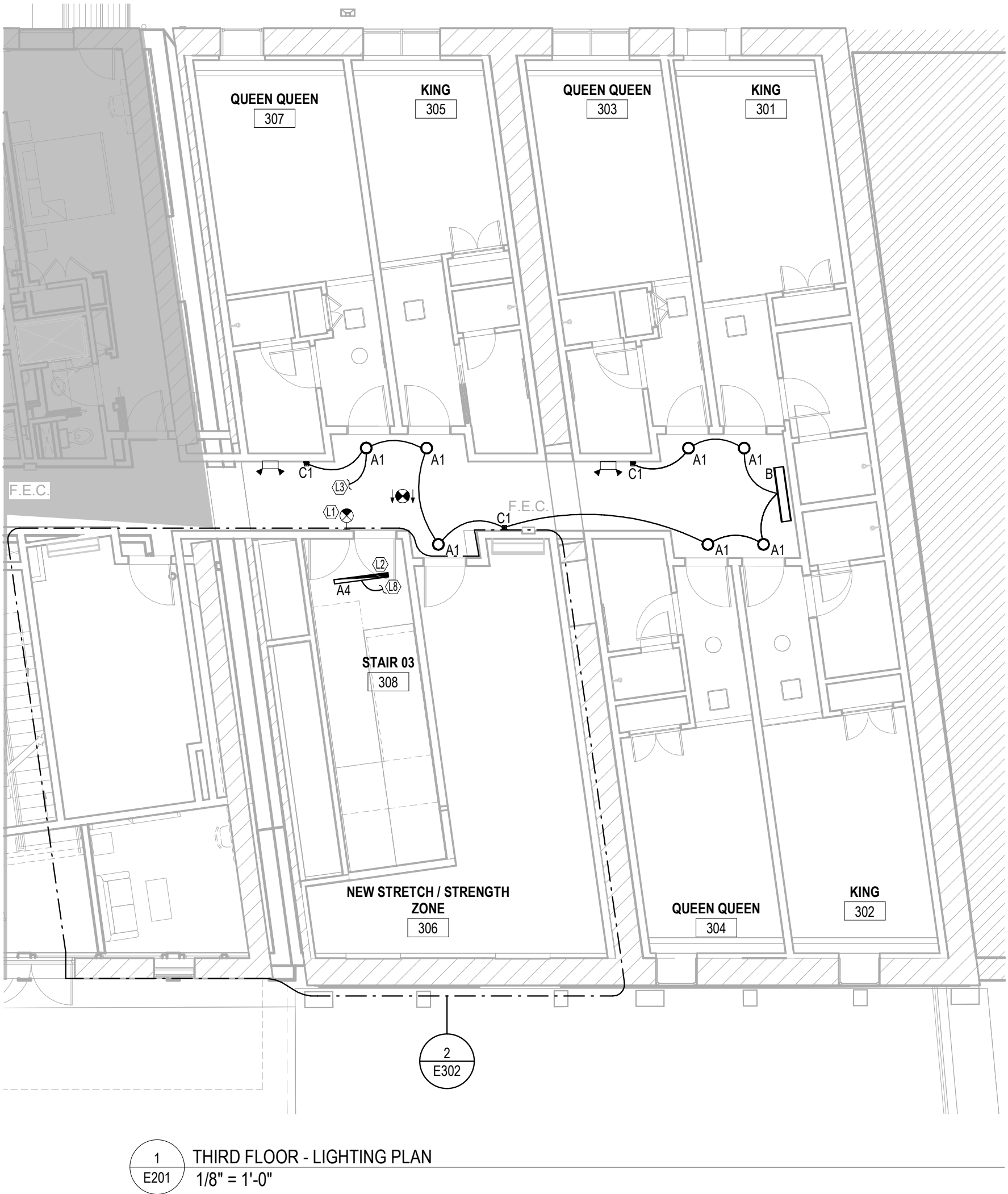
- ELECTRICAL KEYNOTES**
- P1 FC-A; 2.13MCA, 208V, 1PH. UTILIZE 30A/2P/NF DISCONNECT SWITCH.
P8 GUEST ROOM CIRCUITS. REFER TO ENLARGED GUEST ROOM PLANS FOR GUEST ROOM LAYOUT.
P9 CONNECT TO ASSOCIATED CONDENSING UNIT PER MANUFACTURER'S RECOMMENDATIONS IN 1/2".
P11 PROVIDE RECEPTACLE FOR CONDENSATE PUMP, 120V, 1PH. CONNECT TO NEAREST AVAILABLE 120V CIRCUIT.
P12 PROVIDE A WEATHERPROOF RECEPTACLE WITHIN 2FT OF FINAL LOCATION OF MECHANICAL UNITS, IF AN EXISTING RECEPTACLE IS NOT PRESENT.



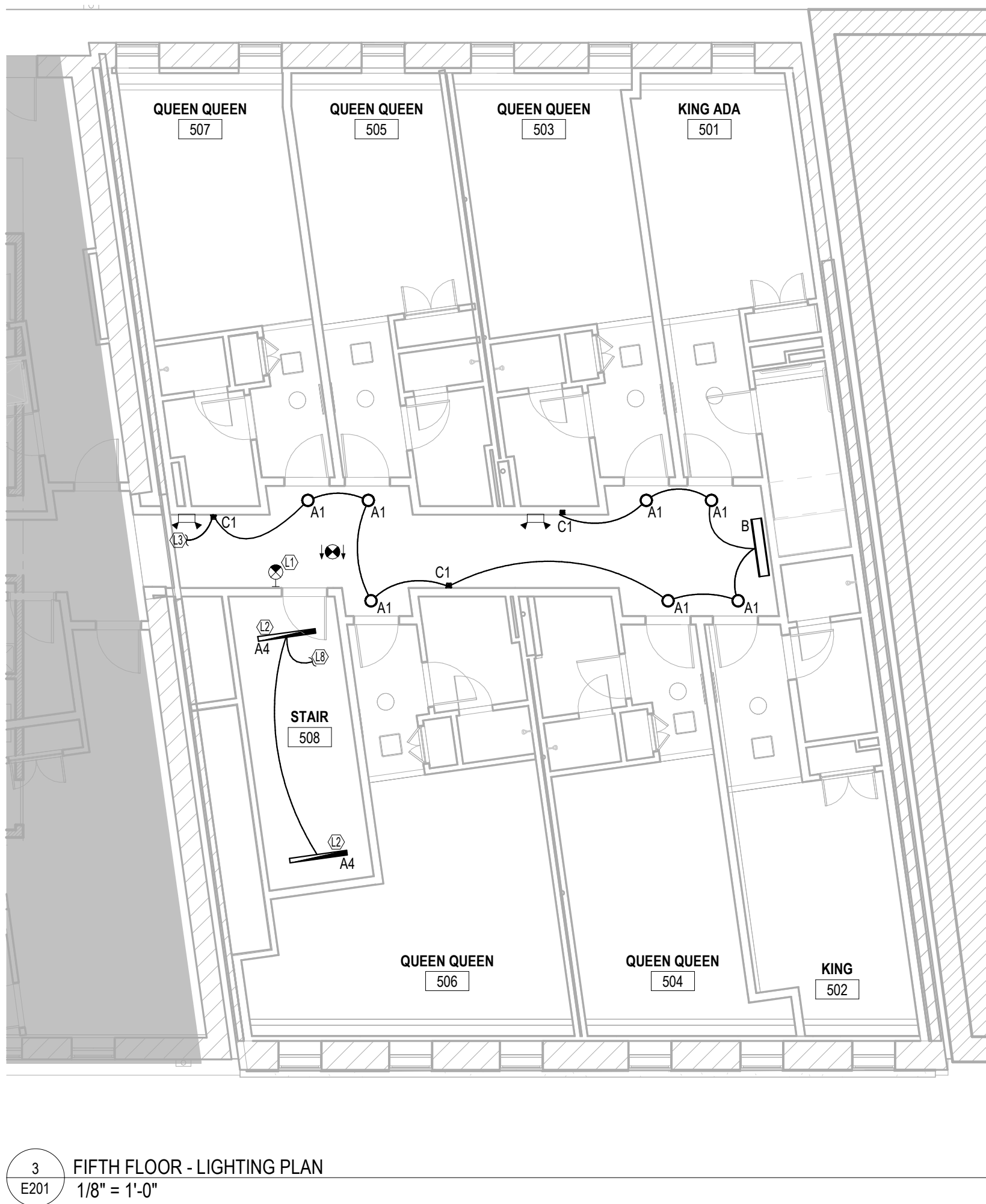
2 ROOF - POWER PLAN
E102 1/8" = 1'-0"



1 FIFTH FLOOR - ELECTRICAL PLAN
E102 1/8" = 1'-0"



- GENERAL NOTES**
- PULL AN UNSWITCHED PHASE CONDUCTOR TO ALL EMERGENCY AND EGRESS LIGHT FIXTURES.
- ELECTRICAL KEYNOTES**
- L1 PROVIDE WALL MOUNTED LOW-LEVEL EXIT SIGN. THE LOW-LEVEL EXIT SIGN SHALL COMPLY WITH IBC 1013.2 CODE.
 - L2 FIXTURE SUPPLIED WITH EMERGENCY BATTERY PACK. ALL FIXTURE LAMPS SHALL BE SWITCHED ON/OFF. EMERGENCY BATTERY PACK SHALL BECOME ENERGIZED UPON LOSS OF CIRCUIT POWER.
 - L3 CONNECT TO EXISTING CORRIDOR LIGHTING AND CONTROLS ON THIS FLOOR.
 - L8 CONNECT TO EXISTING LIGHTING CIRCUIT AND CONTROLS FORMERLY SERVING LIGHTING REMOVED.



STAMP:



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REVISIONS

No.	Description	Date

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
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SAVANNAH, GA 31401

SHEET NAME
THIRD, FOURTH, AND FIFTH FLOOR - LIGHTING PLAN

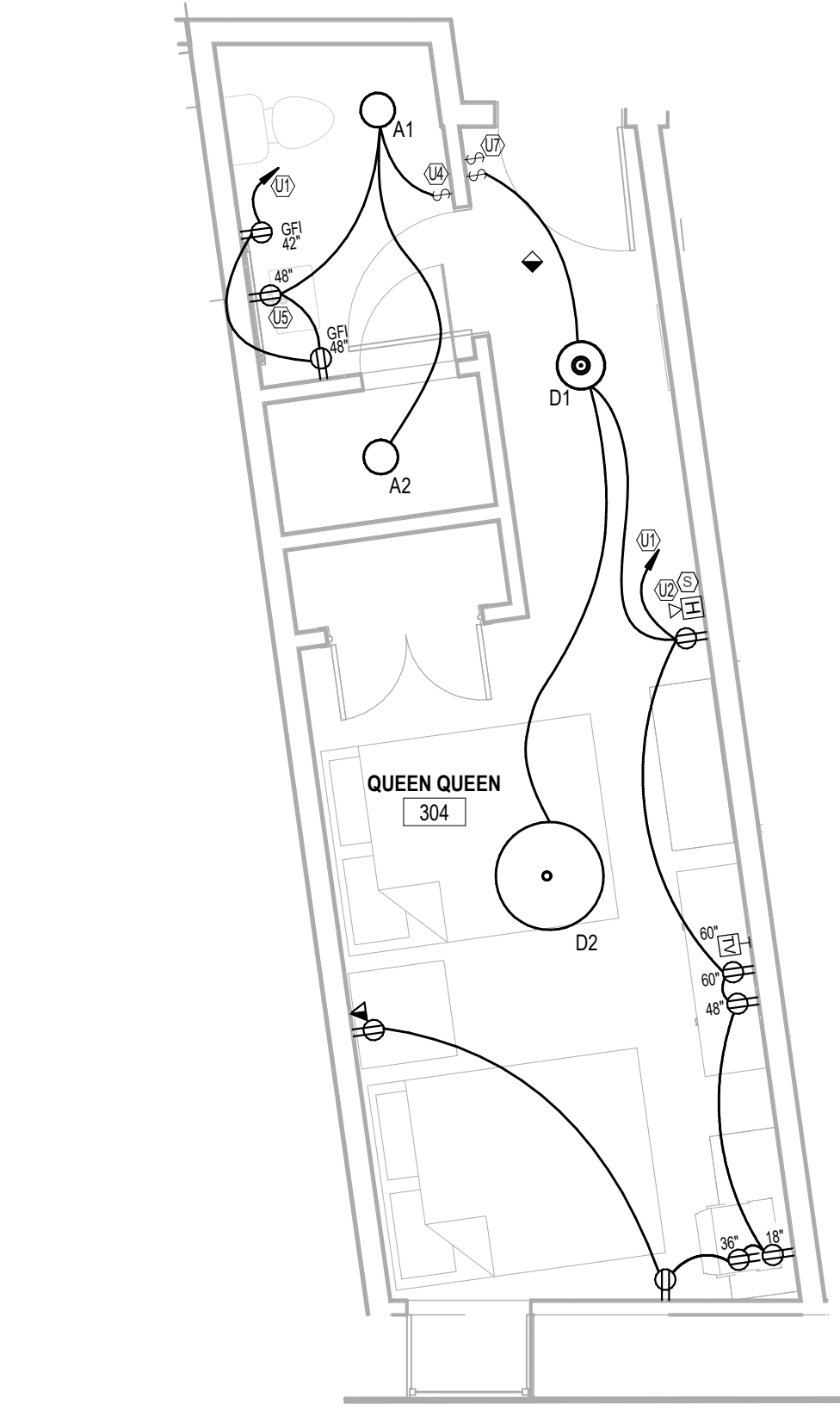
PROJECT NUMBER 23-37
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SUBMITTAL PERMIT

SHEET

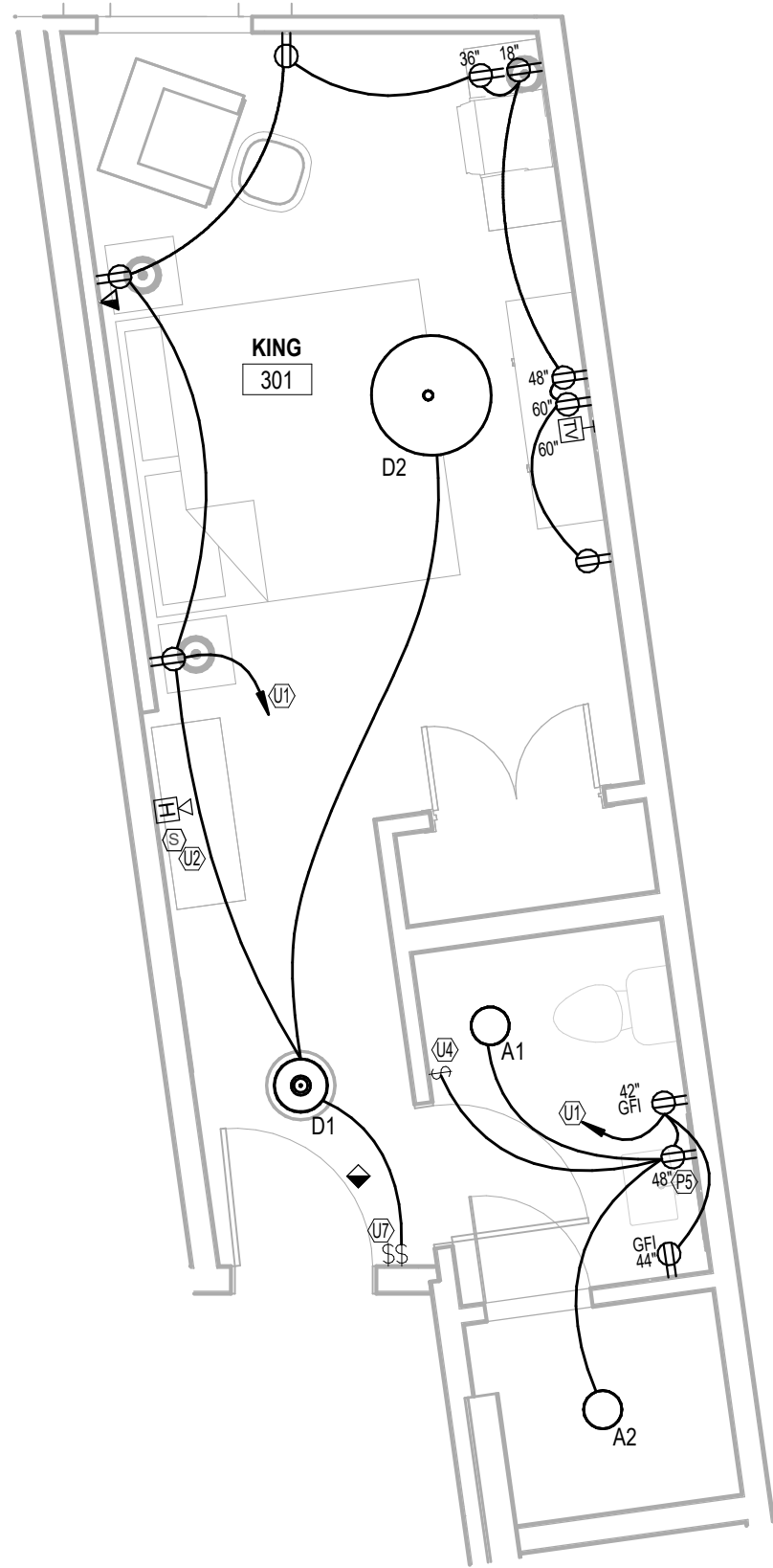
E201

- GENERAL NOTES**
- ALL GUESTROOMS TO HAVE TAMPER RESISTANT RECEPTACLES PER NEC 406.12.
 - ALL FIRE ALARM HORN DEVICES SHALL HAVE LOW FREQUENCY SOUNDER PER NFPA 72.
 - ALL 120V, SINGLE PHASE, 15-AND-20-AMPERE OUTLETS IN GUESTROOMS AND SUITES SHALL HAVE AFCI PROTECTION PER NEC 210.12.
 - PROVIDE A MINIMUM SOUND LEVEL OF 75dBA AT THE BED HEAD.
 - WALL OUTLETS SHALL NOT OCCUR IN SAME WALL CAVITY AS ADJACENT BEDROOMS.

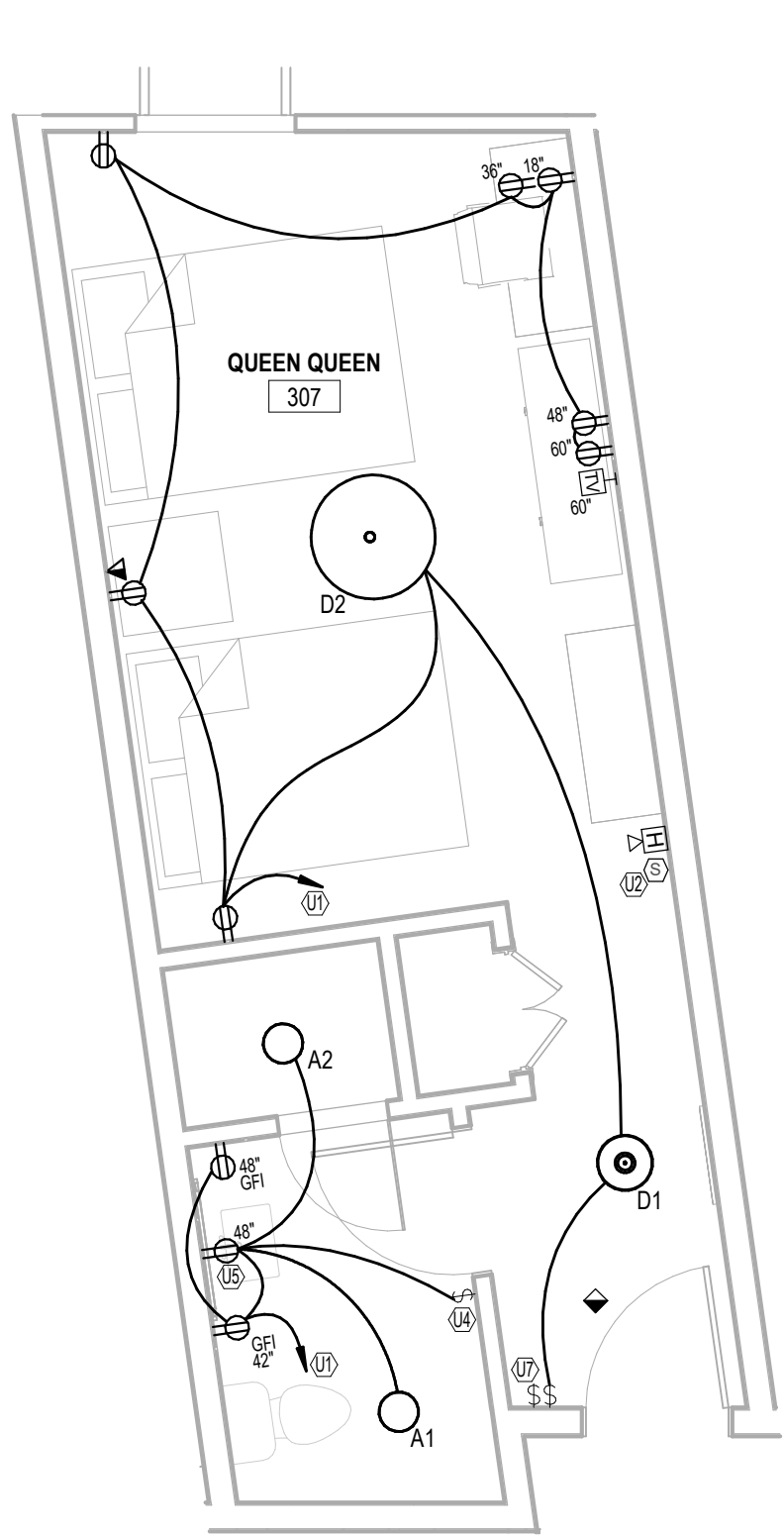
- ELECTRICAL KEYNOTES**
- P5 FOR INDOOR ATM UNIT PROVIDE (2) SINGLE GANG OPENINGS AT 12" AFF (BEHIND THE ATM AND TO THE LEFT) WITH (2) 3/4" C STUBBED UP ABOVE CEILING, (1) FOR PHONE/DATA AND (1) FOR SECURITY.
- U1 CIRCUIT HOMERUNS SHOWN FOR QUANTITY. SEE FLOOR PLANS FOR CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
- U2 PROVIDE COMBINATION OF SMOKE ALARM AND CARBON MONOXIDE DETECTOR IN THIRD FLOOR GUEST ROOMS ADJACENT TO ROOMS CONTAINING GAS EQUIPMENT AND IN ALL FIFTH FLOOR GUEST ROOMS. PROVIDE SMOKE DETECTOR WITH LOW FREQUENCY SOUNDER BASE. SOUND BASE SHALL PROVIDE A MINIMUM AUDIBLE ALARM OF 85 dBA AT 10' AND A MINIMUM OF 75dBA AT THE PILLOW.
- U4 IN BATHROOM LOCATIONS ONLY. LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT. MOUNTED SO TOP OF SWITCH IS 48" MAX AFF.
- U5 PROVIDE RECESSED RECEPTACLE FOR BACK LIT MIRROR. RECEPTACLE SHALL BE PROTECTED BY GFI OUTLET ON SAME CIRCUIT.
- U6 PROVIDE FIRE SYSTEM STROBE DEVICE IN HEARING IMPAIRED ROOM TOILET/BEDROOM.
- U7 SWITCH SHALL OVERRIDE ALL LIGHT FIXTURES IN GUEST ROOM. PROVIDE RELAYS AND LOW VOLTAGE WIRING AS REQUIRED. COORDINATE EXACT SWITCH TYPE WITH OWNER/ARCHITECT.



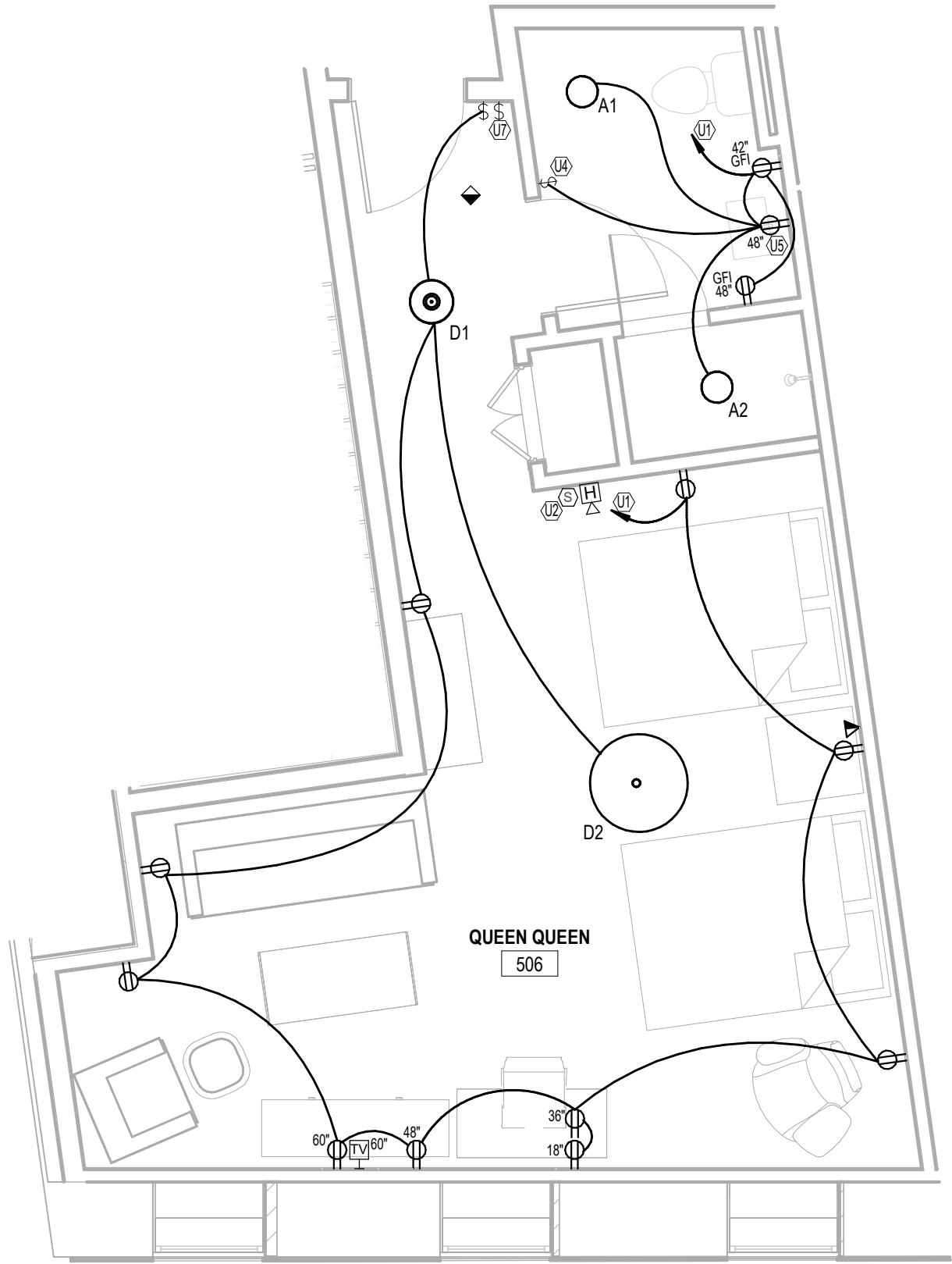
6 QUEEN QUEEN - UNIT PLAN
1/4" = 1'-0"



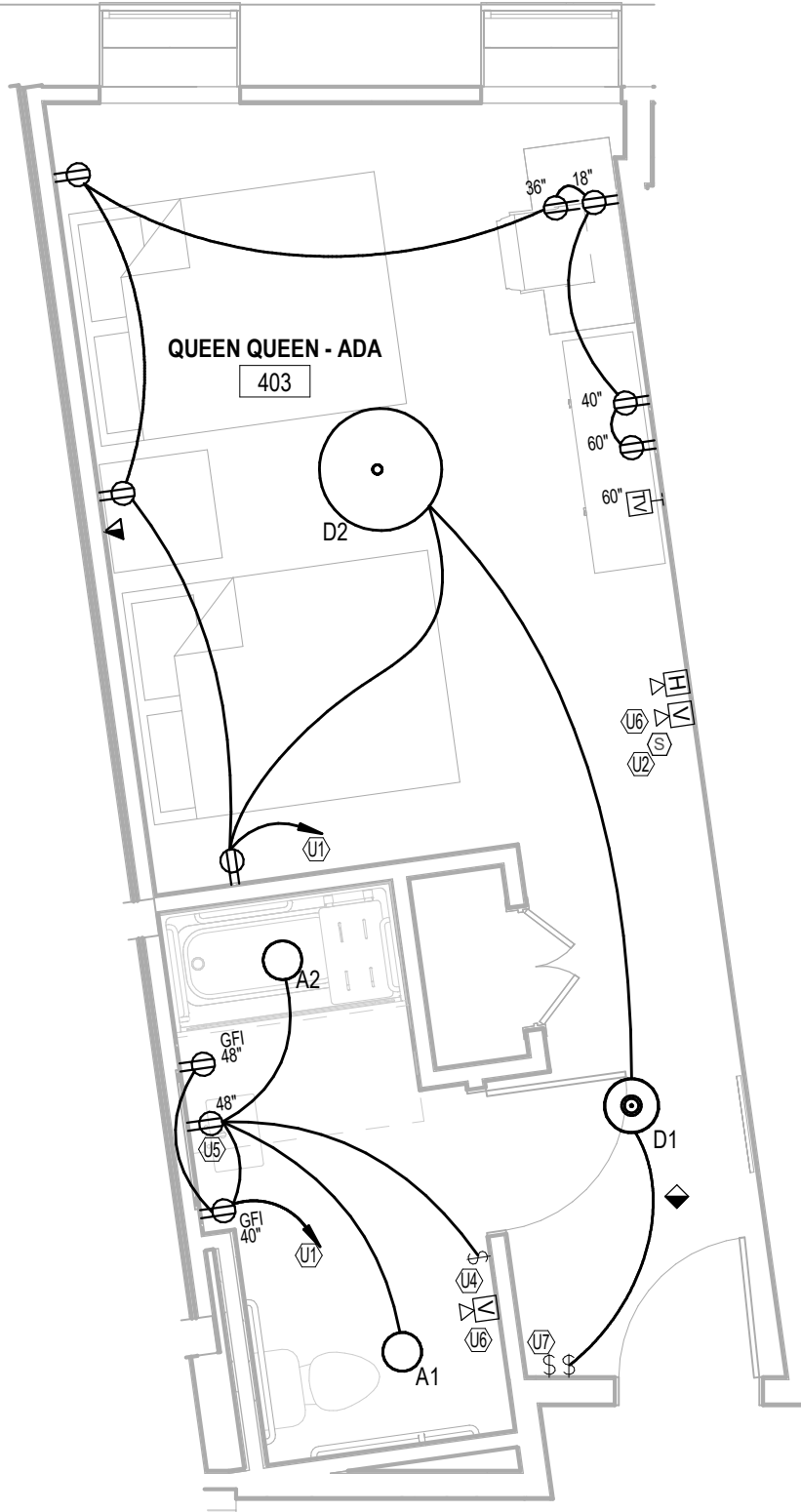
5 KING - UNIT PLAN
1/4" = 1'-0"



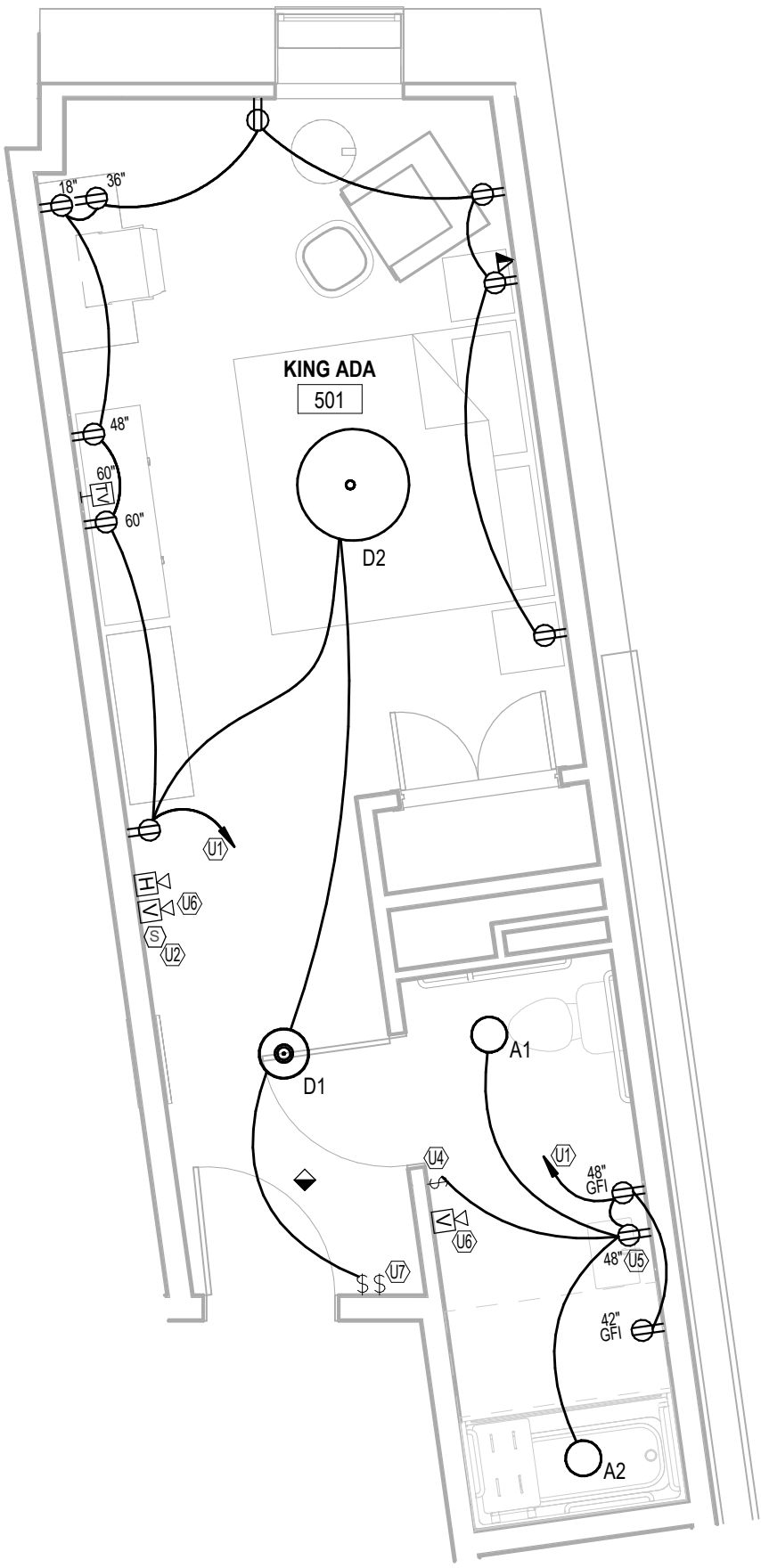
4 QUEEN QUEEN - RM.307 - UNIT PLAN
1/4" = 1'-0"



3 QUEEN QUEEN - RM.506 - UNIT PLAN
1/4" = 1'-0"



2 QUEEN (ADA) - UNIT PLAN
1/4" = 1'-0"



1 KING (ADA) - UNIT PLAN
1/4" = 1'-0"

STAMP:



CONSULTANT:

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REVISIONS

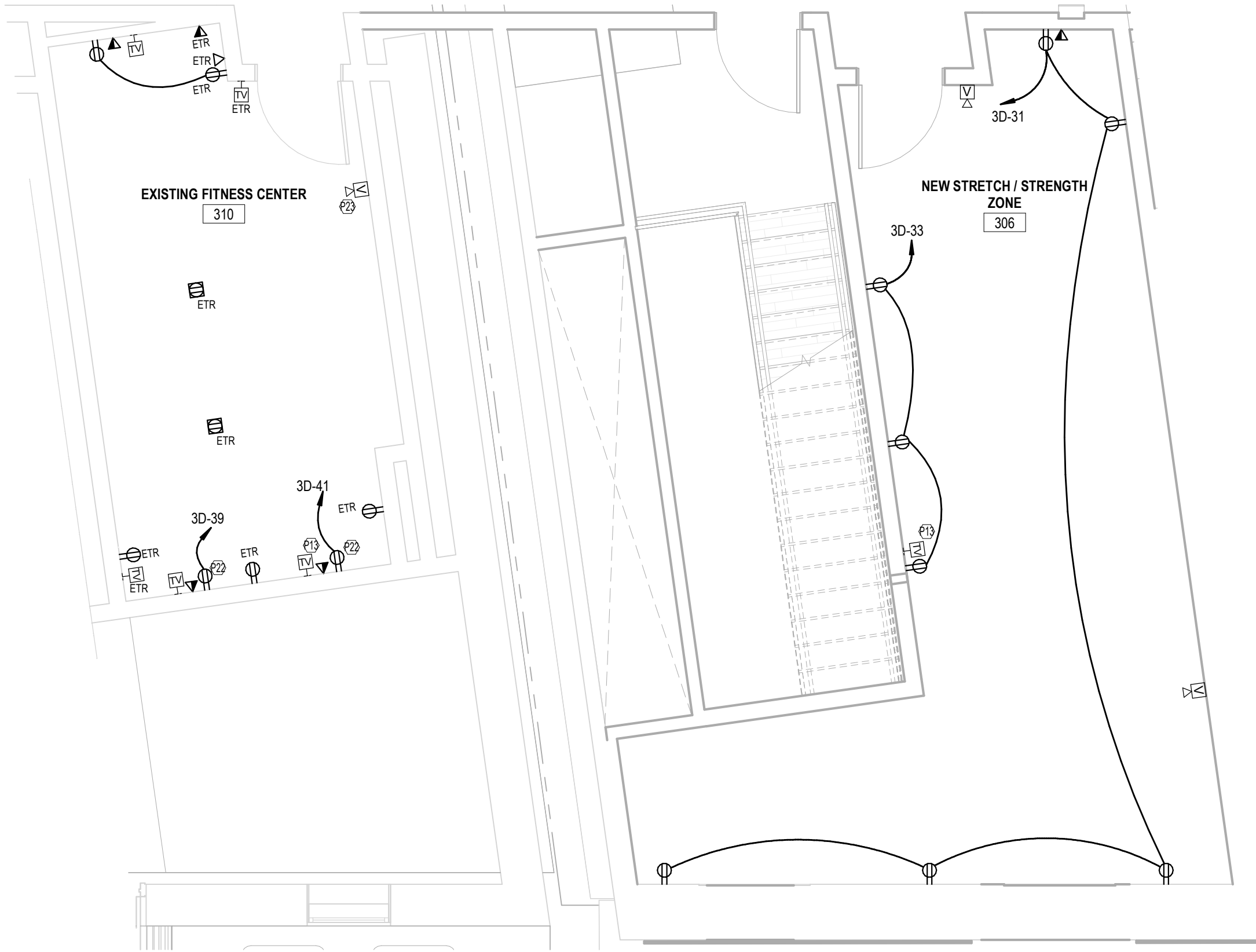
No.	Description	Date

GENERAL NOTES

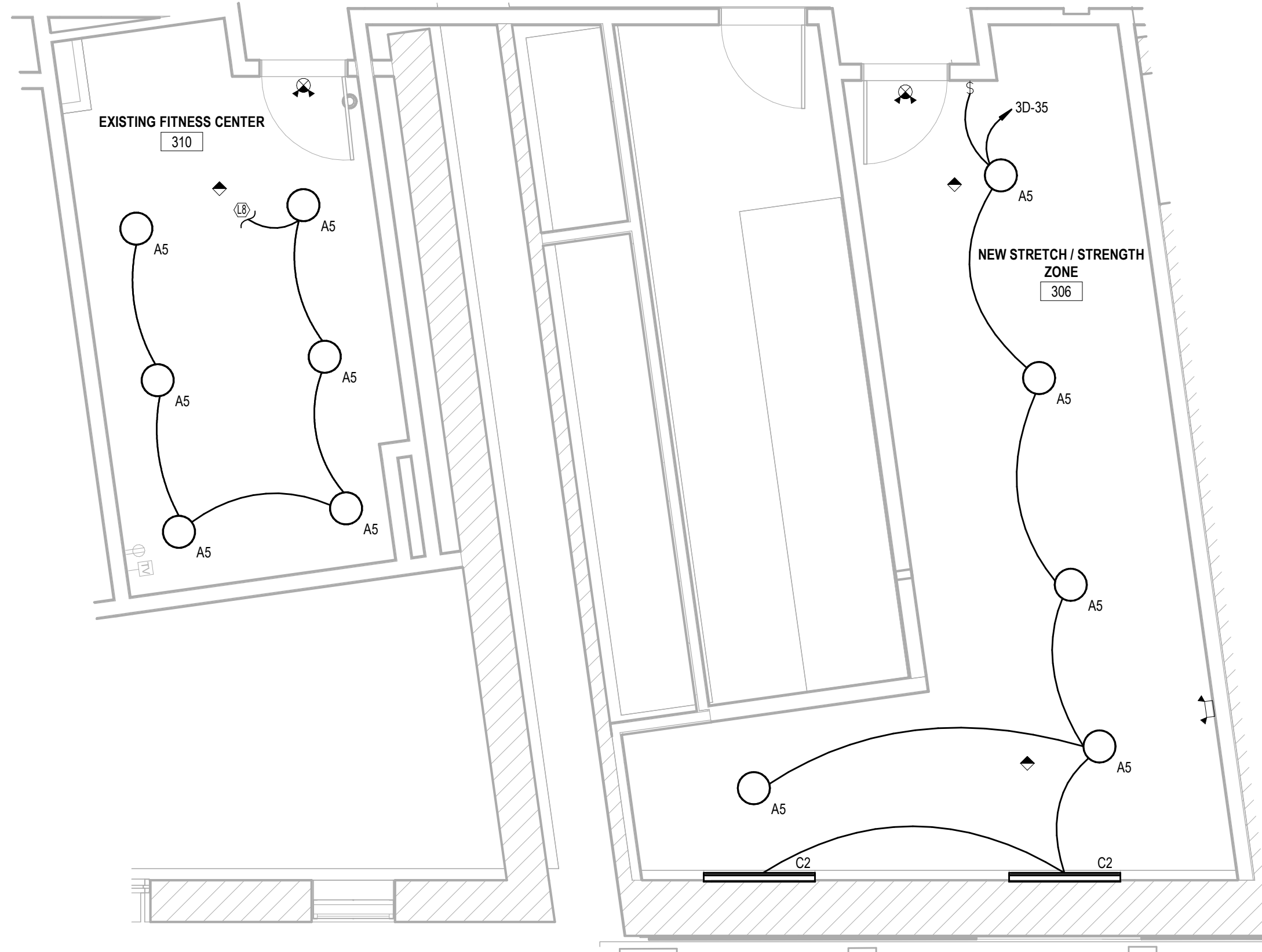
- PULL AN UNSWITCHED PHASE CONDUCTOR TO ALL EMERGENCY AND EGRESS LIGHT FIXTURES.

ELECTRICAL KEYNOTES

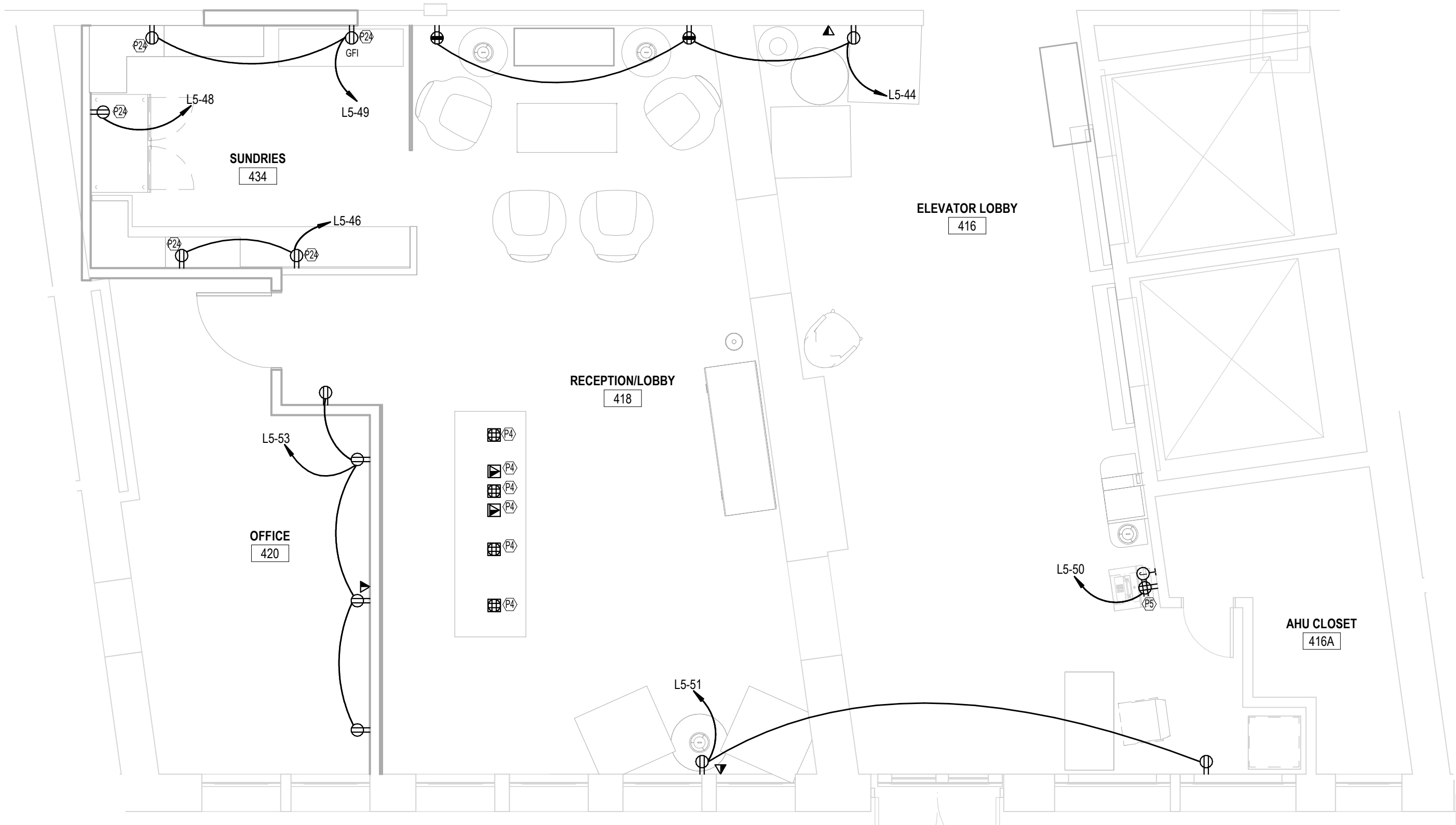
- L8 CONNECT TO EXISTING LIGHTING CIRCUIT AND CONTROLS FORMERLY SERVING LIGHTING REMOVED.
L9 DISCONNECT EXISTING LIGHT FIXTURE. RECONNECT NEW LIGHT FIXTURE.
L10 CONNECT TO EXISTING LIGHTING CIRCUIT FORMERLY SERVING LIGHTING REMOVED.
P4 RELOCATED DEVICE. EXTEND EXISTING CIRCUIT AS REQUIRED. CONFIRM QUANTITY OF RELOCATED DEVICES WITH ARCHITECT. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
P5 FOR INDOOR ATM UNIT PROVIDE (2) SINGLE GANG OPENINGS AT 12" AFF. (BEHIND THE ATM AND TO THE LEFT) WITH (2) 3/4" C STUBBED UP ABOVE CEILING. (1) FOR PHONE/DATA AND (1) FOR SECURITY.
P13 COORDINATE MOUNTING HEIGHT OF CATV DEVICE, DATA OUTLET, AND RECEPTACLE WITH ARCHITECT.
P22 RECEPTACLE SHALL BE DUPLEX NEMA 5-20R WITH DEDICATED NEUTRAL FOR FITNESS EQUIPMENT.
P23 PROVIDE FIRE ALARM DEVICE IF NON IS PRESENT.
P24 COORDINATE EXACT MOUNTING HEIGHT OF RECEPTACLE WITH ARCHITECT PRIOR TO ROUGH-IN.



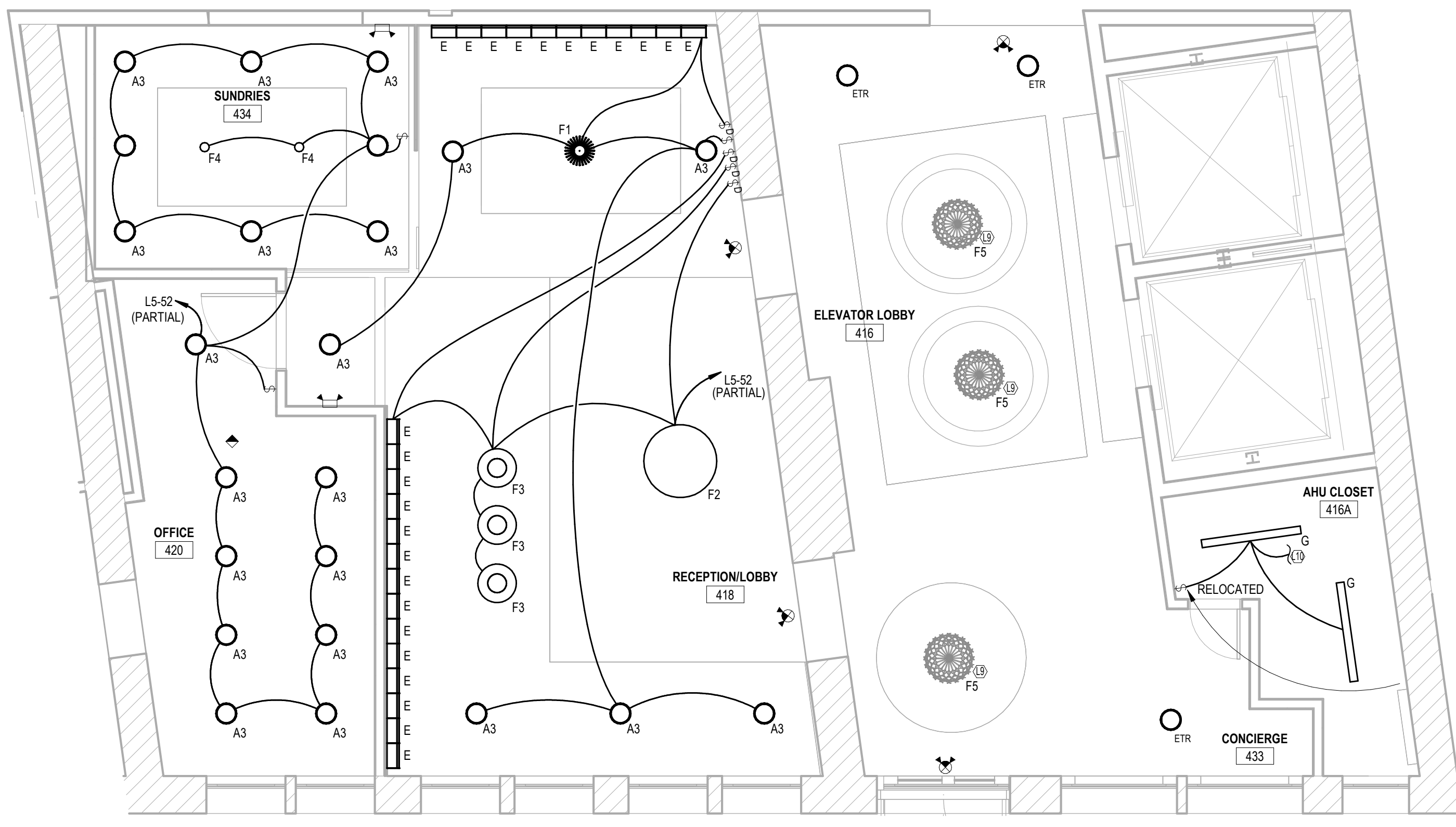
1 FITNESS CENTER - ELECTRICAL PLAN
1/4" = 1'-0"



2 FITNESS CENTER - LIGHTING PLAN
1/4" = 1'-0"



3 FOURTH FLOOR LOBBY - ELECTRICAL PLAN
1/4" = 1'-0"



4 FOURTH FLOOR LOBBY - LIGHTING
1/4" = 1'-0"

OWNER
HOS MANAGEMENT
PROJECT
COTTON SAIL HOTEL EXPANSION
PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401
SHEET NAME
ENLARGED FITNESS AND LOBBY - ELECTRICAL PLAN

PROJECT NUMBER
23-37
SHEET ISSUE DATE
12/12/23
SUBMITTAL
PERMIT

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REVISIONS		
No.	Description	Date

SUBMITTALS:

1. SUBMIT SHOP DRAWINGS & PRODUCT INFORMATION FOR THE FOLLOWING:
- SERVICE & DISTRIBUTION EQUIPMENT
 - PROTECTIVE DEVICES
 - LIGHTING FIXTURES AND LAMPS
 - WIRING DEVICES AND COVER PLATES

DISTRIBUTION EQUIPMENT:

1. DISTRIBUTION EQUIPMENT: RATED FOR 240 OR 600 VAC, 60 HZ, FAULT CURRENT INTERRUPTING CAPACITY AS INDICATED, IN AMPERES, RMS, SYMMETRICAL, BUT NOT LESS THAN 10,000 AMPS, WITH SOLID NEUTRAL GROUND (S/N); ABB/GENERAL ELECTRIC (ABB-G.E.), SCHNEIDER ELECTRIC/SQUARE-D, SIEMENS-MULLER PRODUCTS, Eaton/CUTLER HAMMER.
2. DISTRIBUTION EQUIPMENT USING CIRCUIT BREAKER TYPE PROTECTIVE DEVICES; BOLTED-ON OR 'SQUARE D' I-LINE DEVICES.
3. PANELBOARDS: FACTORY ASSEMBLED, MINIMUM WIDTH OF 20 INCHES, A MINIMUM DEPTH OF 5-3/4 INCHES, AND MINIMUM MAINS RATED 100 AMPERES, WITH POLE 'SPACES' BUSSED AND READY FOR INSTALLATION OF PROTECTIVE DEVICES. CABINETS: FULL-SIZED SINGLE DOORS WITH CHROMIUM PLATED COMBINATION CYLINDER LOCK AND CATCH AND TWO KEYS, 'ABB/GENERAL ELECTRIC' OR EQUAL: TYPE 'NLAB' W/ Q-LINE BRANCH CIRCUIT BREAKERS; TYPE 'NHB' WITH E-FRAME BREAKERS.

4. PANELBOARD MAINS: COPPER OR ALUMINUM WITH BRANCH CONNECTIONS IN VERTICALLY DISTRIBUTED CONSECUTIVE PHASE SEQUENCE SUCH THAT ONE OR MULTIPLE POLE BREAKERS CAN BE MOUNTED IN ANY POSITION. SOLID NEUTRAL BUS WITH A FEEDER LUG AND WITH A SEPARATE SET-SCREW TERMINAL FOR EACH BRANCH CIRCUIT POLE.

5. PANELBOARD MOUNTING: TOP OF ENCLOSURE 78 INCHES ABOVE THE FINISHED FLOOR/GRADE, WITH THE BOTTOM OF THE CABINET NOT CLOSER THAN 6 INCHES TO THE FLOOR/GRADE, PROPERLY ALIGNED AND SUPPORTED INDEPENDENTLY OF THE CONNECTING RACEWAYS. COMPLETE INSIDE CIRCUIT DIRECTORY CARD USING A TYPEWRITER.

6. DISCONNECT SWITCHES: 'HEAVY-DUTY' RATED WITH QUICK-MAKE AND QUICK-BREAK MECHANISMS. PROVIDE GROUND LUGS AND CODE REQUIRED ACCESSORIES. SWITCHES LOCATED OUTSIDE; 'NEMA-3F' ENCLOSED TYPE WITH LOCKING HASP.

7. PROVIDE AN ENCLOSED SWITCH FOR ELECTRICALLY SERVED EQUIPMENT. PROVIDE SWITCHES & FUSES, INCLUDING HEATER ELEMENTS, RATED PER THE CHARACTERISTICS AND NAMEPLATE RATINGS OF EQUIPMENT IN ACCORDANCE WITH CODE REQUIREMENTS, MANUFACTURER'S RECOMMENDATIONS AND CHARTS. PROVIDE SWITCHES WITH CODE REQUIRED ACCESSORIES.

8. FUSED SWITCHES IN BRANCH CIRCUITS; NON-RENEWABLE CARTRIDGE FUSES RATED 250 OR 300 VAC OR 600VAC AS FOLLOWS:
- SIZES 1 - 200 AMPS: DUAL ELEMENT, CURRENT LIMITING FUSES, CLASS 'RK-1', OR 'RK-S', SELECTED TO PROVIDE STARTING AND LIMIT LET-THRU CURRENT.
 - OTHER RATINGS, SIZES OR SPECIAL APPLICATIONS AS INDICATED.

9. STATIONARY FRACTIONAL HORSEPOWER MOTORS NOT PROVIDED WITH INTEGRAL MOTOR RUNNING OVERLOAD PROTECTION, OR INHERENTLY PROTECTED BY DESIGN, SWITCHED BY A FRACTIONAL HORSEPOWER STARTER PROVIDING SUPPLEMENTARY PROTECTION.

10. STARTERS AND DISCONNECT SWITCHES; ENCLOSED QUICK-MAKE AND QUICK-BREAK MECHANISMS.

11. BRANCH CIRCUIT BREAKERS; MOLDED CASE, AUTOMATIC TRIPPING TYPE, BOLT-ON OR I-LINE CONSTRUCTION, MINIMUM FRAME SIZE OF 100 AMPS AND A MINIMUM TRIP SIZE OF 15 AMPS, CALIBRATED FOR 400c. PROVIDE SUITABLE TYPE BREAKERS SERVING HIGH INRUSH CIRCUITS FOR INCANDESCENT LIGHTING.

12. GROUP SINGLE-POLE BREAKERS USED FOR MULTI-WIRE CIRCUITS CONSECUTIVELY ON THE SAME SIDE OF THE CABINET.

CONDUCTORS:

1. CONDUCTORS: SOFT DRAWN, ANNEALED COPPER WITH CONDUCTIVITY OF NOT LESS THAN 98 'ASTM' STANDARDS.
2. CONDUCTOR SIZE NUMBERS; AMERICAN WIRE GAUGE (AWG. SYSTEM, STANDARD TRADE SIZES.
3. CONDUCTORS; COLOR CODED PER CODE AND UTILITY CO.
4. CONDUCTORS:
- No.10 AWG SIZE AND SMALLER; SOLID OR STRANDED.
 - No.8 AWG SIZE AND LARGER; STRANDED. STRANDED CONDUCTORS; CLASS 'B' OR 'C'.
 - CONTROL CIRCUITS: MINIMUM AWG No.14.
 - POWER AND LIGHTING BRANCH CIRCUITS: AWG # 12 FOR GENERAL CIRCUITS NOT REQUIRING DERATING OR SIZE INCREASE TO REDUCE VOLTAGE DROP.
5. USE A SEPARATE LUG FOR EACH CONDUCTOR WHERE MULTIPLE CONDUCTORS ARE CONNECTED TO THE SAME ELECTRICAL TERMINAL POSITION.
6. BRANCH CIRCUIT CONDUCTORS; UNSPLICED EXCEPT WHERE CIRCUITS ARE SHOWN TO DIVIDE BY THE PLANS.
7. GENERAL WIRING CONDUCTORS OPERATING AT 600 VOLTS AND BELOW; RATED 60 HERTZ, 600 VOLTS, WITH 750c OR 900c INSULATION AS FOLLOWS:
- A. FEEDER CONDUCTORS: RATED FOR WET LOCATIONS OF 'THW', 'THWN' OR 'XHHW'.
- B. BRANCH CONDUCTORS RATED FOR:
- WET LOCATIONS, OR LOCATIONS LOCATED BELOW GRADE OR ENCASED IN SLAB ON GRADE, OF 'THW', 'THWN' OR 'XHHW'.
 - DRY LOCATIONS OF 'THW', 'THWN', 'XHHW' OR 'THHN'.
- C. RATED LIGHTING CONDUCTORS FOR CIRCUITS REQUIRING 900c RATING: 'THHN' OR 'XHHW', OR OTHER APPROVED TYPE.
- D. JOINTS ON CONDUCTORS RATED ABOVE 750c; TAPED OR MADE-UP WITH MATERIALS HAVING A SUITABLE HIGH TEMPERATURE RATING.

RACEWAYS:

1. INSTALL WIRING IN METALLIC, RIGID TYPE RACEWAYS ABOVE ACCESSIBLE CEILINGS. MC CABLE SHALL BE PERMITTED TO BE USED IN NON-ACCESSIBLE AREAS.
2. RUN RACEWAYS AND CABLE CONCEALED, EXCEPT RACEWAYS IN EQUIPMENT ROOMS RUN EXPOSED.
3. RACEWAYS IN ORDINARY LOCATIONS:
- INSIDE (NOT IN WET OR DAMP LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLIC TUBING (EMT) OR MC CABLE.
 - EXPOSED OUTSIDE, THROUGH OUTSIDE WALL OR ROOF, OR THROUGH TWO-HOUR OR MORE RATED FIRE BARRIERS; GALVANIZED RIGID STEEL (GRS) CONDUIT MADE UP WATER TIGHT.
 - FINAL CONNECTION IN DRY LOCATIONS SERVING LIGHTING FIXTURES; FLEXIBLE METAL CONDUIT OR FLEXIBLE METALLIC TUBING.
 - CONNECTIONS TO MOTORS, OR TO COMPONENTS IN WET OR DAMP LOCATIONS, LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LT FLEX).
4. RIGID STEEL GRS, AND STEEL IMC, HOT DIP GALVANIZED
5. STEEL EMT; HOT DIP GALVANIZED OUTSIDE, AND ENAMEL OR GALVANIZED FINISHED INSIDE.
6. EMT COUPLINGS AND CONNECTORS; METAL AS FOLLOWS:
- RANTIGHT, HEX-NUT, EXPANSION- GLAND COMPRESSION STEEL, FOR ANY WET OR DAMP LOCATION OR FEEDER OR SUB-FEEDER.
 - SET-SCREW OR TAP-ON, STEEL OR CAST METAL, FOR DRY LOCATIONS.
7. CIRCULAR RACEWAYS; MINIMUM TRADE SIZE AS FOLLOWS:
- 1/2-INCH; GENERAL.
 - 3/4-INCH; 'HOMERUN' CIRCUIT WIRING; MORE THAN (3) CONDUCTORS.

8. SIZE RACEWAYS TO ACCOMMODATE THE ENCLOSED CONDUCTORS.

9. PROVIDE JUNCTION OR PULL BOXES TO AVOID EXCESSIVE RUNS OR BENDS BETWEEN OUTLETS, AND AT LOW POINTS IN RACEWAY RUNS.

10. SUPPORT CONCEALED CONDUIT ABOVE THE CEILING INDEPENDENTLY OF CEILING CONSTRUCTION. INSTALL CONDUITS HIGH ABOVE LAY-IN CEILINGS TO PERMIT REMOVAL OF CEILING PANELS OR EQUIPMENT.

11. INSTALL EXPOSED RACEWAYS PARALLEL OR PERPENDICULAR TO STRUCTURAL MEMBERS AND ARCHITECTURAL FEATURES. INSTALL CONCEALED CONDUIT RACEWAYS WITH AS FEW BENDS AS FEASIBLE, COORDINATED WITH STRUCTURAL, MECHANICAL AND ARCHITECTURAL REQUIREMENTS. ROUTE RACEWAYS TO AVOID 'TRAPPING' WHERE PRACTICABLE.

ENCLOSURES AND BOXES:

1. EQUIPMENT ENCLOSURES, BOXES, & COVERS; GALVANIZED STEEL, MALLEABLE IRON, GRAY IRON, OR COPPER-FREE ALUMINUM. SCREWS; STAINLESS STEEL; ALUMINUM FOR ALUMINUM BOXES.
2. ENCLOSURES:
- FLUSH MOUNTED WITH CONCEALED RACEWAYS OR FLUSH MOUNTED DEVICES.
 - SURFACE MOUNTED TYPE IN EQUIPMENT ROOMS, WITH EXPOSED RACEWAYS AND OTHER SURFACE MOUNTED DEVICES.
3. BOXES FOR USE WITH GENERAL RACEWAY SYSTEMS: 4 INCHES SQUARE OR OCTAGONAL SIZE, NOT BE LESS THAN 1-1/2 INCHES DEEP, EXCEPT WHERE SHALLOWER BOXES ARE REQUIRED BY STRUCTURAL CONDITIONS. 4 BY 2 INCH BOXES WHERE ONLY ONE RACEWAY ENTERS AN OUTLET BOX, OR WHERE NEEDED TO MATCH DEVICES AND/OR MOUNTING HARDWARE.
4. BOXES FOR RACEWAY SYSTEMS SERVING CEILING 'POWER' GRID SYSTEMS OR LIGHTING FIXTURES; SIZE 4-11/16 INCH SQUARE BOXES, 42 CU. IN. USE EXTENSION RINGS OR LARGER BOXES IF NECESSARY TO MEET CU. IN. CAPACITY REQUIRED BY CODE.
5. ENCLOSURES AND BOXES; VOLUME AND REQUIRED WIRE BENDING AND GUTTER SPACE AND FEATURES TO SUIT CODE REQUIREMENTS.
6. DO NOT INSTALL BOXES BACK-TO-BACK. DO NOT USE 'THRU-WALL' TYPE BOXES. SEPARATE BOXES IN THE SAME FIRE RATED WALL BY EITHER SOLID STUDS, OR A MINIMUM DISTANCE ESTABLISHED BY LOCAL BUILDING OFFICIALS. SEAL CONNECTING CONDUIT TO PREVENT THE TRANSMISSION OF HEAT, SMOKE, AND NOISE, WITH SEALING METHOD AS APPROVED BY THE FIRE MARSHAL.
7. DO NOT USE SUSPENDED CEILING CONSTRUCTION TO SUPPORT RACEWAYS, BOXES OR OTHER ITEMS, EXCEPT AS ALLOWED BY CODE AND ACCEPTED BY THE ARCHITECT IN WRITING.

DEVICES:

1. SWITCHES; STANDARD LINE STYLE, MAINTAINED, 15 OR 20 AMPS, 120-277 VAC, QUIET OPERATING, FLUSH MOUNTING, BY LEVITON, 'SPEC'-MASTER, COMMERCIAL SPEC. GRADE' SERIES, HUBBELL OR ARROW HART.
2. RECEPTACLES; STANDARD LINE STYLE, STRAIGHT BLADE, 2-POLE, 3-WIRE GROUNDING TYPE, RATED 125 VAC, 15 OR 20 AMPS, BY LEVITON, 'SPECMASTER', 'COMM. SPEC. GRADE' SERIES, HUBBELL OR ARROW HART.
3. DIMMER SWITCHES; RATED FOR FULL RANGE DIMMING OF 120 VAC LOADS, EITHER FLUORESCENT OR INCANDESCENT, KNOWN OR SLIDE CONTROLLED W/ FULL OFF POSITION, FLUSH MOUNTABLE IN STANDARD 1-GANG OR 2-GANG BOXES. ARCHITECTURAL 'STYLE' THIN PROFILE TYPES, BY LEVITON, 'COMM. SPEC. GRADE' SERIES, LUTRON OR LITHONIA.
4. GROUND FAULT CIRCUIT INTERRUPTED (GFCI) RECEPTACLES: UL LISTED FOR PERSONNEL PROTECTION AGAINST LINE-TO- GROUND SHOCK HAZARD. GFCI RECEPTS; DUPLEX, 'DECORA STYLE' BY LEVITON, 'COMM. SPEC. GRADE', HUBBELL OR ARROW HART.
5. KEYLESS LAMPHOLDER: WHITE PORCELAIN, 660 WATTS AT 250 VOLTS; LEVITON, CAT. NO. 9875-2.
6. LOW VOLTAGE SWITCHES & COMPONENTS: ABB/GENERAL ELECTRIC, 24-VOLT SYSTEM.
7. COVER PLATES: FOR FLUSH, INSIDE, WALL MOUNTED DEVICES; LEVITON.
8. MOUNT DEVICES RECESSED FOR FLUSH INSTALLATION. PROVIDE COVER PLATES FOR EACH DEVICE.
9. ALIGN DEVICES AT DIFFERENT LEVELS VERTICALLY. GROUP DEVICES AT THE SAME LEVEL USING SECTIONAL GANG BOXES. CENTER DEVICES IN ARCHITECTURAL FEATURES.
10. LOCATE WALL SWITCHES ON THE STRIKE SIDE OF A DOOR, SIX (6) INCHES FROM THE OPENING.
11. MOUNT SMALL FLUSH MOUNTED MOTOR DEVICES IN STANDARD DEVICE BOXES.
12. INSTALL WIRING DEVICES WITH TOP-OF-BOX MOUNTING HEIGHTS ABOVE FINISHED FLOORS BETWEEN 18 INCHES AND 48 INCHES, AS REQUIRED BY HANDICAPPED CODES.
13. COVER PLATES FOR FLUSH, DRY, ORDINARY LOCATIONS; STANDARD SIZE ONE PIECE. WIRING DEVICES AND COVER PLATE FINISHES; AS INDICATED BY THE PLANS.

LIGHTING:

1. PROVIDE ALL LAMPS AT 3500K, UNLESS NOTED OTHERWISE.
2. FIXTURE CRI SHALL MEET OR EXCEED THAT SPECIFIED IN FIXTURE SCHEDULE INCLUDED WITHIN CONTRACT DOCUMENTS. WHERE NO CRI IS SCHEDULE, CRI SHALL BE 80 OR GREATER.
3. ALL LED DRIVERS SHALL HAVE AN OPERATING EFFICIENCY OF AT LEAST 85%, MINIMUM STARTING TEMPERATURE OF AT LEAST -40DEGREES CELSIUS, VOLTAGE INPUT/PHASE AS SPECIFIED IN FIXTURE SCHEDULE.
4. ALL LED FIXTURES SHALL COME EQUIPPED WITH INTEGRAL HEAT DISSIPATION SYSTEMS.
5. LED FIXTURES SHALL HAVE LED SOURCES AND DRIVERS THAT ARE ACCESSIBLE FROM THE EXPOSED SIDE OF THE FIXTURE AND DO NOT REQUIRE REMOVAL OF FIXTURE FOR LED SOURCE AND/OR DRIVER REPAIR/REPLACEMENT.

GROUNDING:

1. GROUND ELECTRICAL SYSTEMS, EQUIPMENT, AND SUPPORTING STRUCTURES. PROVIDE BONDING JUMPEBS WHERE NECESSARY. MECHANICALLY AND ELECTRICALLY SECURE METAL RACEWAYS AND FITTINGS, JOINTS AND CONNECTIONS AT EQUIPMENT TO PROVIDE AN GROUNDING MEANS. METAL RACEWAYS, ELECTRICALLY CONTINUOUS THROUGHOUT THEIR LENGTH FOR AN EFFECTIVE GROUNDING PATH TO THE POWER SERVICE DISCONNECT SWITCH.
2. INSTALL GROUNDING CONDUCTORS WITHOUT JOINT OR SPLICE TO THE GREATEST PRACTICAL EXTENT.
3. PROVIDE FOR EACH RACEWAY A GREEN #12 GROUNDING CONDUCTOR IN ADDITION TO BRANCH CONDUCTORS INDICATED.
4. DO NOT SPLICE MAIN BONDING JUMPER. CONFIRM THAT A MAIN BONDING JUMPER IS PROVIDED AT THE POINT OF SERVICE ONLY.

TESTING:

1. TEST INDIVIDUAL SYSTEMS AND COMPONENTS FOR FULL FUNCTIONAL REQUIREMENTS. PERFORM TESTS AS REQUIRED BY CODE, LOCAL PRACTICES, OR AS REASONABLY REQUIRED BY THE OWNER'S REPRESENTATIVE WHERE A QUESTION ARISES AS TO THE PROPER INSTALLATION OR OPERATION OF MATERIALS.
2. PROVIDE TESTING INSTRUMENTS, PROCEDURES, AND DOCUMENTATION.

MISCELLANEOUS:

1. SELECT, SIZE, AND ASSEMBLE FOUNDATIONS, SUPPORTS, AND FASTENERS.
2. FASTENINGS FOR SECURING CONDUIT RUNS, LIGHT APPARATUS.
- BOLTS, BEAM CLAMPS, OR DRIVEN OR WELDED STUDS ON STEEL WORK
 - TOGGLE BOLTS ON HOLLOW TILE OR CONCRETE BLOCKS
 - STEEL ANCHORS OF THE SELF-DRILLING OR NON-DRILLING TYPES ON SOLID CONCRETE OR MASONRY.
 - POWER DRIVEN STUDS MAY BE USED ON STEEL AND SOLID CONCRETE WHERE ACCEPTED BY THE OWNER'S REPRESENTATIVE.
3. MAJOR COMPONENTS OF THE DISTRIBUTION SYSTEM SUCH AS THE PANELBOARD SHALL HAVE PERMANENT NAMEPLATES FOR EQUIPMENT IDENTIFICATION.
4. SEAL CONDUITS ROUTED BETWEEN SPACES OF DIFFERENT AMBIENT TEMPERATURES, SUCH AS REFRIGERATED SPACES OR OUTDOOR AREAS,TO PREVENT CIRCULATION OF AIR.
5. INSTALL RACEWAY OR CABLE, ETC. THAT PENETRATES A FIRE BARRIER, WITH MATERIALS AND METHODS APPROVED FOR APPLICATION BY BUILDING OFFICIALS. IDENTIFY EACH FIRE BARRIER FROM THE ARCHITECTURAL PLANS, AND FOR SECURE APPROVAL OF MATERIALS AND METHODS FOR EACH TYPE PENETRATION.

TELEPHONE SYSTEM ROUGH-IN:

1. CONTACT THE TELEPHONE CO., COORDINATE THE WORK TO MAKE THE INSTALLATION READY FOR THE TELEPHONE COMPANY, INCLUDING CABINETS, RACEWAYS AND PULL WIRES, RACEWAY SYSTEM BOXES, DEDICATED ELECTRICAL BRANCH CIRCUITS AND RECEPTACLES, DEDICATED GROUNDING CONDUCTORS, AND MISCELLANEOUS MATERIALS OR DEVICES.
2. PROVIDE COMPLETE ENCLOSED RACEWAYS WITH MEASURED PULL CORDS FOR FUTURE USE BY OTHERS. PROVIDE A 3/4" PVC CONDUIT FROM EACH MAIN CABINET OR BACKBOARD LOCATION TO NEAREST ACCESSIBLE, GROUNDED, METAL COLD WATER PIPE, AND A #6 SOLID COPPER CONDUCTOR BONDED TO THE WATER PIPE AND COILED FOR USE IN GROUNDING EQUIPMENT.

OWNER
HOS MANAGEMENT

PROJECT
COTTON SAIL HOTEL EXPANSION

PROJECT ADDRESS
114 W. BAY STREET
SAVANNAH, GA 31401

SHEET NAME
ELECTRICAL SPECIFICATIONS

PROJECT NUMBER	23-37
SHEET ISSUE DATE	12/12/23
SUBMITTAL	PERMIT

SHEET

Certificate of Appropriateness
Savannah Downtown Historic District
File No. 23-003320-COA
Approval Date: 8/9/2023
Stamped By: Jonathan Mellon, 3/26/2024