

HOME2 SUITES BY HILTON LEE'S SUMMIT, MO

PRINTS ISSUED
04/17/2024 - CITY SUBMISSION

REVISIONS:
1 05/17/2024 CITY RESPONSE
2 06/14/2024 CITY & BRAND RESPONSE
4 09/13/2024 BRAND RESPONSE
12 03/11/2026 CHANGES TO APPROVED PLANS

rosemann & ASSOCIATES P.C.
ARCHITECTURE
INTERIOR DESIGN
ENGINEERING
PLANNING

1526 Grand Boulevard
Kansas City, MO 64108-1404
P: 816.472.1448
W: www.rosemann.com
© 2024 Rosemann & Associates, P.C.

DENVER ■ KANSAS CITY ■ ST. LOUIS ■ ATLANTA

HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
TITLE SHEET

PROJECT NUMBER: 22023

SHEET NUMBER:

PROJECT CERTIFICATION

I, **(David E. Hendrikse)**, hereby specify pursuant to the governing requirements of the state, that the documents intended to be authenticated by my seal are limited to:

G-001	G-201	G-301	A-105	A-202	A-400	A-500	A-701
G-002	G-202	G-302	A-106	A-203	A-401	A-501	A-702
G-003	G-203	G-303	A-107	A-200	A-402	A-502	A-703
G-004	G-204	AS-100	A-120	A-301	A-403	A-503	A-704
G-005	G-205	AS-101	A-121	A-302	A-404	A-504	A-705
G-006	G-206	AS-102	A-122	A-303	A-405	A-600	A-706
G-007	G-207	AS-103	A-123	A-304	A-406	A-601	A-707
G-100	G-208	A-101	A-124	A-305	A-407	A-602	A-708
G-101	G-209	A-102	A-125	A-306	A-408	A-603	A-710
G-102	G-210	A-103	A-200	A-307	A-410	A-604	A-711
G-103	G-300	A-104	A-201	A-308	A-415	A-700	A-715

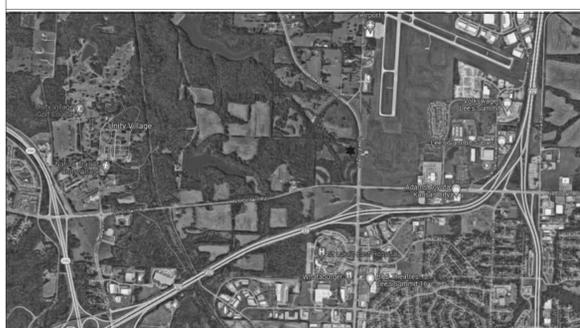
and I hereby disclaim any responsibility for all other plans, specifications, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

SEAL



DAVID E. HENDRIKSE, AIA

REGIONAL MAP



VICINITY MAP



HOME2 SUITES BY HILTON
251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064



SHEET INDEX

GENERAL

Sheet Issue Date	Sheet Number	Sheet Name	Rev.	Current Revision Date
04/17/24	G-001	TITLE SHEET	12	03/11/2026
04/17/24	G-002	GENERAL INFORMATION		
04/17/24	G-003	PLAN GENERAL NOTES & KEYNOTES		
04/17/24	G-004	GENERAL INFORMATION		
04/17/24	G-005	GENERAL INFORMATION		
04/17/24	G-006	GENERAL INFORMATION		
04/17/24	G-007	GENERAL INFORMATION		
04/17/24	G-100	CODE ANALYSIS	12	03/11/2026
04/17/24	G-101	CODE ANALYSIS	12	03/11/2026
04/17/24	G-102	PARTITION ASSEMBLIES	12	03/11/2026
04/17/24	G-103	ASSEMBLIES - FLOOR/CEILING		
04/17/24	G-201	UL ASSEMBLIES - D916 / G566		
04/17/24	G-202	UL ASSEMBLIES - L546		
04/17/24	G-203	UL ASSEMBLIES - L546		
04/17/24	G-204	UL ASSEMBLIES - P545		
04/17/24	G-205	UL ASSEMBLIES - P545 / U301		
04/17/24	G-206	UL ASSEMBLIES - U301 / U305		
04/17/24	G-207	UL ASSEMBLIES - U305		
04/17/24	G-208	UL ASSEMBLIES - U415		
04/17/24	G-209	UL ASSEMBLIES - U415 / X790		
04/17/24	G-210	UL ASSEMBLIES - U905		
04/17/24	G-300	ACCESSIBILITY STANDARDS		
04/17/24	G-301	ACCESSIBILITY STANDARDS		
04/17/24	G-302	ACCESSIBILITY STANDARDS		
04/17/24	G-303	ACCESSIBILITY STANDARDS		
04/17/24	AS-100	AMENITIES PLAN		
04/17/24	AS-101	ARCHITECTURAL SITE AMENITIES		
04/17/24	AS-102	ARCHITECTURAL SITE AMENITIES	3	06/27/2024
04/17/24	AS-103	ARCHITECTURAL SITE AMENITIES		

CIVIL UNDER SEPARATE REVIEW, REFERENCE FDP

STRUCTURAL

Sheet Issue Date	Sheet Number	Sheet Name	Rev.	Current Revision Date
04/17/24	S001	GENERAL NOTES	1	05/17/2024
04/17/24	S002	GENERAL NOTES	8	05/19/2025
04/17/24	S003	GENERAL NOTES		
04/17/24	S004	STRUCTURAL SPECIAL INSPECTIONS	1	05/17/2024
04/17/24	S005	SCHEDULES	1	05/17/2024
04/17/24	S099	EXTERIOR FOUNDATION WALL AND SLAB-ON-GRADE DIMENSION PLAN		
04/17/24	S100	FOUNDATION PLAN	5	03/14/2025
04/17/24	S101	LEVEL 2 FRAMING PLAN	7	04/17/2025
04/17/24	S102	LEVEL 3 FRAMING PLAN	7	04/17/2025
04/17/24	S103	LEVEL 4 FRAMING PLAN	7	04/17/2025
04/17/24	S104	ROOF FRAMING PLAN	2	06/14/2024
04/17/24	S400	ENLARGED VIEWS	7	04/17/2025
04/17/24	S401	ENLARGED VIEWS	2	06/14/2024
04/17/24	S402	ENLARGED VIEWS	2	06/14/2024
04/17/24	S501	TYPICAL FOUNDATION DETAILS		
04/17/24	S502	FOUNDATION DETAILS	8	05/19/2025
04/17/24	S503	FOUNDATION DETAILS	2	06/14/2024
04/17/24	S504	FOUNDATION DETAILS		
04/17/24	S505	FOUNDATION PEDESTAL DETAILS	1	05/17/2024
04/17/24	S510	STEEL DETAILS	1	05/17/2024
04/17/24	S511	STEEL DETAILS	7	04/17/2025
04/17/24	S512	ENTRY CANOPY SECTIONS	7	04/17/2025
04/17/24	S520	MASONRY DETAILS	8	05/19/2025
04/17/24	S531	TYPICAL WOOD DETAILS	1	05/17/2024
04/17/24	S532	FLOOR FRAMING DETAILS	2	06/14/2024
04/17/24	S533	FLOOR FRAMING DETAILS	8	05/19/2025
04/17/24	S534	FLOOR FRAMING DETAILS	7	04/17/2025
04/17/24	S535	FLOOR FRAMING DETAILS	7	04/17/2025
04/17/24	S540	ROOF DETAILS	2	06/14/2024
04/17/24	S541	ROOF DETAILS	1	05/17/2024
04/17/24	S542	ROOF DETAILS	7	04/17/2025
04/17/24	S550	SHEAR WALL DETAILS	1	05/17/2024

ARCHITECTURAL

Sheet Issue Date	Sheet Number	Sheet Name	Rev.	Current Revision Date
04/17/24	A-101	FIRST FLOOR PLAN	9	06/09/2025
04/17/24	A-102	SECOND FLOOR PLAN	12	03/11/2026
04/17/24	A-103	THIRD FLOOR PLAN	12	03/11/2026
04/17/24	A-104	FOURTH FLOOR PLAN	12	03/11/2026
04/17/24	A-105	ROOF PLAN		
04/17/24	A-106	ROOF VENT CALCULATIONS & DETAILS		
04/17/24	A-107	ROOFING & FLASHING DETAILS		
04/17/24	A-120	FIRST FLOOR REFLECTED CEILING PLAN	9	06/05/2025
04/17/24	A-121	SECOND FLOOR REFLECTED CEILING PLAN	9	06/05/2025
04/17/24	A-122	THIRD FLOOR REFLECTED CEILING PLAN	9	06/05/2025
04/17/24	A-123	FOURTH FLOOR REFLECTED CEILING PLAN	9	06/05/2025
04/17/24	A-124	ENLARGED REFLECTED CEILING PLAN - INDOOR POOL	2	06/14/2024
04/17/24	A-125	CEILING DETAILS		
04/17/24	A-200	EXTERIOR ELEVATIONS	11	09/04/2025
04/17/24	A-201	EXTERIOR ELEVATIONS	11	09/04/2025
04/17/24	A-202	EXTERIOR COLOR ELEVATIONS	11	09/04/2025
04/17/24	A-203	EXTERIOR COLOR ELEVATIONS	11	09/04/2025
04/17/24	A-300	BUILDING SECTIONS		
04/17/24	A-301	BUILDING SECTIONS		
04/17/24	A-302	WALL SECTIONS		
04/17/24	A-303	WALL SECTIONS		
04/17/24	A-304	ELEVATOR SECTIONS & DETAILS	9	06/05/2025
04/17/24	A-305	STAIR #1 SECTION & DETAILS	2	06/14/2024
04/17/24	A-306	STAIR #2 SECTION & DETAILS	2	06/14/2024
04/17/24	A-307	FRONT CANOPY PLAN / ELEV. / SECTION / & DETAILS	1	05/17/2024
02/11/26	A-308	TYP. RATED SHAFT SECTIONS	12	03/11/2026
04/17/24	A-400	KING ONE BEDROOM SUITE	2	06/14/2024
04/17/24	A-401	KING ONE BEDROOM SUITE - ACCESSIBLE	2	06/14/2024
04/17/24	A-402	KING ONE BEDROOM SUITES - ELEVATIONS	2	06/14/2024
04/17/24	A-403	KING STUDIO SUITE	2	06/14/2024
04/17/24	A-404	KING STUDIO SUITE - CONNECTOR	2	06/14/2024
04/17/24	A-405	KING STUDIO SUITE - ACCESSIBLE	2	06/14/2024
04/17/24	A-406	QUEEN QUEEN STUDIO SUITE	2	06/14/2024
04/17/24	A-407	QUEEN QUEEN STUDIO SUITE - CONNECTOR	2	06/14/2024
04/17/24	A-408	QUEEN QUEEN STUDIO SUITE - ACCESSIBLE	2	06/14/2024
04/17/24	A-410	ENLARGED FLOOR PLAN - COMMON AREAS	2	06/14/2024
04/17/24	A-415	UNIT DETAILS		
04/17/24	A-500	DETAILS		
04/17/24	A-501	DETAILS	1	05/17/2024
04/17/24	A-502	DETAILS		
04/17/24	A-503	DETAILS		
04/17/24	A-504	ELEVATOR & CMU DETAILS		
04/17/24	A-600	WINDOW / DOOR / FINISH SCHEDULES	2	06/14/2024
04/17/24	A-601	STOREFRONT ELEVATIONS	2	06/14/2024
04/17/24	A-602	DOOR DETAILS	2	06/14/2024
04/17/24	A-603	DOOR DETAILS		
04/17/24	A-604	WINDOW DETAILS		
04/17/24	A-700	QUESTROOM BATHROOMS		
04/17/24	A-701	QUESTROOM BATHROOMS	2	06/14/2024
04/17/24	A-702	PUBLIC RESTROOMS	2	06/14/2024
04/17/24	A-703	INTERIOR ELEVATIONS		
04/17/24	A-704	INTERIOR ELEVATIONS	2	06/14/2024
04/17/24	A-705	ENLARGED INTERIOR ELEVATIONS	4	09/13/2024
04/17/24	A-706	ENLARGED INTERIOR ELEVATIONS		
04/17/24	A-707	ENLARGED INTERIOR ELEVATIONS		
04/17/24	A-708	ENLARGED INTERIOR ELEVATIONS		
04/17/24	A-710	FINISH PLANS-COMMON SPACES	2	06/14/2024
04/17/24	A-711	FINISH PLANS-COMMON SPACES	2	06/14/2024
04/17/24	A-715	FINISH TRANSITION DETAILS		

MECHANICAL

Sheet Issue Date	Sheet Number	Sheet Name	Rev.	Current Revision Date
04/17/24	MEP1	MECHANICAL ELECTRICAL PLUMBING COVER SHEET		
04/17/24	MEP2	SITE UTILITIES PLAN	1	05/17/2024
04/17/24	MEP3	SITE LIGHTING PLAN		
04/17/24	MEP4	MEP PLAN - ROOF	2	06/14/2024
04/17/24	M101	HVAC PLAN - FIRST FLOOR	2	06/14/2024
04/17/24	M102	HVAC PLAN - SECOND FLOOR		
04/17/24	M103	HVAC PLAN - THIRD FLOOR		
04/17/24	M104	HVAC PLAN - FOURTH FLOOR		
04/17/24	M501	HVAC DETAILS		
04/17/24	M601	HVAC SCHEDULES	2	06/14/2024

ELECTRICAL

Sheet Issue Date	Sheet Number	Sheet Name	Rev.	Current Revision Date
04/17/24	EP101	POWER PLAN - FIRST FLOOR	2	06/14/2024
04/17/24	EP102	POWER PLAN - SECOND FLOOR	2	06/14/2024
04/17/24	EP103	POWER PLAN - THIRD FLOOR	2	06/14/2024
04/17/24	EP104	POWER PLAN - FOURTH FLOOR	2	06/14/2024
04/17/24	EP401	ENLARGED POWER PLAN - GUEST ROOMS	4	09/13/2024
04/17/24	EL101	LIGHTING PLAN - FIRST FLOOR	2	06/14/2024
04/17/24	EL102	LIGHTING PLAN - SECOND & THIRD FLOORS	2	06/14/2024
04/17/24	EL103	LIGHTING PLAN - FOURTH FLOOR	2	06/14/2024
04/17/24	EL401	ENLARGED LIGHTING PLAN - GUEST ROOMS	2	06/14/2024
04/17/24	FS101	FIRE ALARM AND SECURITY PLAN - FIRST FLOOR	4	09/13/2024
04/17/24	FS102	FIRE ALARM AND SECURITY PLAN - SECOND FLOOR		
04/17/24	FS103	FIRE ALARM AND SECURITY PLAN - THIRD FLOOR		
04/17/24	FS104	FIRE ALARM AND SECURITY PLAN - FOURTH FLOOR		
04/17/24	E501	ELECTRICAL DETAILS & SCHEDULES	2	06/14/2024
04/17/24	E601	ELECTRICAL SCHEDULES		
04/17/24	E602	ELECTRICAL SCHEDULES	2	06/14/2024
04/17/24	E603	ELECTRICAL SCHEDULES		
04/17/24	E604	ELECTRICAL SCHEDULES		

PROJECT DATA

PROJECT DESIGN INFORMATION

NEW CONSTRUCTION:
ZONING: PMIX - PLANNED MIXED USE DISTRICT
CODE: 2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL FIRE CODE
2017 NATIONAL ELECTRIC CODE
2009 ACCESSIBILITY CODE ICC/ANSI 117-1
LEE'S SUMMIT AMENDMENTS TO ENERGY CODE
NFPA 72 & NFPA 13 / 13R

OCCUPANCY GROUP: R-1, HOTEL TRANSIENT
A-2, UNCONCENTRATED
A-4, SWIMMING POOL
B, BACK OF HOUSE

TYPE OF CONSTRUCTION: TYPE VA
ENERGY CONSERVATION: WALLS AS PART OF BLDG ENVELOPE R-11
FLOORS AS PART OF BLDG ENVELOPE R-19
ROOFS AS PART OF BLDG ENVELOPE R-19
CEILING AS PART OF BLDG ENVELOPE R-30

BUILDING SUMMARY:
NUMBER: 1 TOTAL BUILDING
HEIGHT: 4 STORIES, 49'-0"
SQUARE FOOTAGES: GROSS NET
FIRST FLOOR 16,402 S.F. 16,079 S.F.
SECOND FLOOR 14,828 S.F. 14,529 S.F.
THIRD FLOOR 14,828 S.F. 14,529 S.F.
FOURTH FLOOR 14,828 S.F. 14,529 S.F.

UNIT SUMMARY: 107 TOTAL UNITS
ACCESSIBLE UNITS (4) UNITS - ACC. KING ONE BEDROOM
(2) UNITS - ACC. KING STUDIO
(1) UNITS - ACC. QUEEN QUEEN STUDIO
H/VI UNITS (4) UNITS - KING STUDIO
(2) UNITS - KING STUDIO CONNECTING
(1) UNITS - KING ONE BEDROOM
(3) UNITS - QUEEN QUEEN STUDIO
(2) UNITS - QUEEN QUEEN CONNECTING
TYPE 'B' UNITS (71) UNITS - KING STUDIO
(4) UNITS - KING STUDIO CONNECTING
(3) UNITS - KING ONE BEDROOM
(9) UNITS - QUEEN QUEEN STUDIO
(1) UNITS - QUEEN QUEEN CONNECTING
TOTAL UNITS (107) UNITS

SQUARE FOOTAGE:	GROSS	NET
KING STUDIO	380 S.F.	350 S.F.
KING STUDIO CON.	380 S.F.	350 S.F.
ACC. KING STUDIO	800 S.F.	555 S.F.
KING ONE BED	576 S.F.	534 S.F.
ACC. KING ONE BED	628 S.F.	581 S.F.
QUEEN QUEEN STUDIO	474 S.F.	439 S.F.
QUEEN QUEEN CON.	456 S.F.	422 S.F.
ACC. QUEEN QUEEN	600 S.F.	562 S.F.

SITE SUMMARY:
REFERENCE CIVIL FOR SITE INFORMATION

NOTE: SQUARE FOOTAGE
-GROSS - COMMON SPACE CALCULATION: OUTSIDE PERIMETER OF STUD (ENTIRE BUILDING) LESS THE TOTAL OF THE GROSS UNIT SQUARE FOOTAGE PER FLOOR.
-GROSS - UNIT CALCULATION: CENTERLINE OF PARTY WALL TO OUTSIDE OF EXTERIOR STUD WALL AND/OR OUTSIDE OF CORRIDOR STUD WALL.
-NET - PAINT-TO-PAINT AT PERIMETER, TAKEN FROM INSIDE OF DEMISING, EXTERIOR, AND CORRIDOR WALLS.

PLUMBING</

ENERGY CONSERVATION REQUIREMENTS

CLIMATE ZONE: 4A CONST. TYPE: V-A

PROJECT COMPLYING WITH LEE'S SUMMIT'S BUILDING CODE AND ADOPTED ENERGY CONSERVATION CODE
PROJECT COMPLYING WITH HILTON'S SUSTAINABILITY BRAND STANDARDS

LEE'S SUMMIT CODE ARTICLE VIII, SECTION 7-803
WALL ASSEMBLIES AS PART OF BLDG ENVELOPE: R-11
FLOOR ASSEMBLIES AS PART OF BLDG ENVELOPE: R-19
EXCEPTION: CONCRETE FLOORS IN CONTACT WITH THE EARTH NEED NOT BE INSULATED
ROOF ASSEMBLIES AS PART OF BLDG ENVELOPE: R-19
CEILINGS AS PART OF BLDG ENVELOPE: R-30

HILTON BEST PRACTICES: SUSTAINABILITY BRAND STANDARDS

2501.02.H: DROUGHT RESISTANT PLANTS/TURF
2501.02.P: UNDERGROUND IRRIGATION SYSTEM
2514.04.B.5: ALL PAINTS MUST BE LOW VOC (LESS THAN 50 VOC GRAMS/LITER) & LOW ODOR
2514.06.D.5: ASHRAE STANDARD 90.1, UNIT EFFICIENCIES
2514.08.J.1: LED LIGHTING
2514.08.K.1: ASHRAE STANDARD 90.1, POWER DENSITY & LIGHTING EFFICIENCY
2514.08.O: MOTION-SENSORED LIGHT FIXTURES (BOH)
2514.11.B.2: PROBLEMATIC MATERIALS: COMPOSITE PANELS
2515.01.B.3.a: ENDANGERED WOOD SPECIES ARE NOT PERMITTED
2512.04.G.1: WATER CLOSET, 1.6 GALLONS/FLUSH, 1.28 GALLONS/FLUSH, OR DUAL-FLUSH
2501.06.K: EV CHARGING STATIONS
725.01: LIGHTSTAY PLATFORM
2508.01.P.9: FITNESS CENTER: A PLUMBED WATER BOTTLE FILLER MUST BE PROVIDED
2509.03.D: WATER BOTTLE FILLER: MUST BE PROVIDED IN A FIRST FLOOR PUBLIC AREA
2513.09.C.7: THE TRASH ENCLOSURE MUST BE SIZED TO INCLUDE A COMMERCIAL RECYCLING CONTAINER
2501.04.H.1.b: ROOF: ENERGY STAR OR EQUIVALENT, SOLAR REFLECTIVE INDEX SRI 78 OR BETTER
2508.02.A.12.F: PROVIDE TRASH AND RECYCLING RECEPTACLES AT ENTRANCE TO ELEVATORS/LIFTS.
2510.07.C.2.F: IN-ROOM OCCUPANCY BASED ENERGY MANAGEMENT SOLUTION
KEY READER HVAC CONTROL SYSTEMS ARE NOT ALLOWED
2510.10.D.3: ALL APPLIANCES (EXCEPT MICROWAVES) MUST BE ENERGY STAR RATED.
2501.05.P: TRASH, RECYCLING AND ASH RECEPTACLES MUST BE PROVIDED AT THE MAIN ENTRANCE.

CODE PLAN GENERAL NOTES:

- FIRE EXTINGUISHERS SHALL BE LOCATED SO THAT THE MAXIMUM TRAVEL DISTANCE SHALL NOT EXCEED 75 FEET. GENERAL CONTRACTOR TO PROVIDE SEMI-RECESSED FIRE EXTINGUISHER CABINETS WITH FIRE EXTINGUISHERS THROUGHOUT AT ACCESSIBLE HEIGHT.
- SIGNS IDENTIFYING FIRE PROTECTION EQUIPMENT, CONTROLS FOR AIR CONDITIONING SYSTEMS, SPRINKLER RISERS AND VALVES, OR OTHER FIRE DETECTION, SUPPRESSION OR CONTROL ELEMENTS SHALL BE IDENTIFIED FOR THE USE OF THE FIRE DEPARTMENT PER 2018 IBC. SIGNAGE SHALL ALSO MEET 2018 IFC REQUIREMENTS FOR HEIGHT AND LETTERING. GC TO COORDINATE WITH AUTHORITY HAVING JURISDICTION ON ALL SIGNAGE.
- KNOX BOX QUANTITY AND LOCATION TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH AUTHORITY HAVING JURISDICTION.
- ANNUNCIATOR PANEL AND FACP QUANTITY AND LOCATION TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH AUTHORITY HAVING JURISDICTION PRIOR TO INSTALL.
- ALL DIMENSIONS ARE APPROXIMATE ON CODE PLAN. ACTUAL ARCHITECTURAL DIMENSIONS PER ARCHITECTURAL AND STRUCTURAL PLAN.

OCCUPANCY LOADS

LEVEL	OCCUPANCY TYPE	AREA	LOAD FACTOR	MAX. OCC.
1	A-2, LOBBY	2,970	15	198
1	B, BACK OF HOUSE	2,765	150	19
1	A-2, FITNESS	804	50	16
1	A-4, POOL	405	50	9
1	A-4, DECK	1,113	15	74
1	R-1, GUEST	7,836	200	39
2	R-1, GUEST	14,825	200	75
3	R-1, GUEST	14,825	200	75
4	R-1, GUEST	14,825	200	75

CODE REVIEW

PROJECT NAME: HOME2 SUITES BY HILTON
PROJECT LOCATION: LEE'S SUMMIT, MO
CODE: 2018 IBC
CODE REVIEW COMPLETED BY: A.J. DOLPH

CHAPTER THREE

SECTION 302 OCCUPANCY: R-1, HOTEL TRANSIENT(UNITS)
A-2, UNCONCENTRATED (LOBBY)
A-4, SWIMMING POOL
B, BUSINESS (BOH)

CHAPTER FOUR

402 COVERED MALL BUILDINGS: N/A
403 HIGH RISE BUILDINGS: N/A
404 ATRIUMS: N/A
405 UNDERGROUND BUILDINGS: N/A
407 GROUP I-2: N/A
408 GROUP I-3: N/A
409 MOTION PICTURE PROJECTION: N/A
410 STAGES AND PLATFORMS: N/A
411 SPECIAL AMUSEMENT BUILDINGS: N/A
412 AIRCRAFT RELATED OCCUP: N/A
413 COMBUSTIBLE STORAGE: N/A
414 HAZARDOUS MATERIALS: N/A
415 GROUPS H-1, H-2, H-3, H-4, H-5: N/A

416 FLAMMABLE FINISHES: N/A
417 DRYING ROOMS: N/A
418 ORGANIC COATINGS: N/A
419 LIV/WORK UNITS: N/A
421 HYDROGEN FUEL GAS ROOMS: N/A
422 AMBULATORY CARE FACILITY: N/A
423 STORM SHELTERS: N/A
424 CHILDREN'S PLAY STRUCTURE: N/A
425 HYPERBARIC FACILITY: N/A
426 COMBUSTIBLE DUSTS & GRAINS: N/A
427 MEDICAL GAS SYSTEMS: N/A
428 HIGHER EDUCATION LAB: N/A

420 GROUPS I-1, R-1, R-2, R-3, & R-4:
420.2 SEPARATION WALLS: WALLS SEPARATING SLEEPING UNITS TO BE FIRE PARTITIONS PER SECTION 708

420.3 HORIZONTAL SEPARATION: FLOORS SEPARATING SLEEPING UNITS TO BE HORIZONTAL ASSEMBLY PER SECTION 711

420.4 AUTOMATIC SPRINKLER: 13R PER 903.3.1.2 IN GROUP R

CHAPTER SEVEN

704 FIRE-RESISTANCE RATING OF STRUCTURAL MEMBERS: 1 HOUR RATED SPRAY APPLIED FIRE RESISTANT MATERIAL
705.5 EXTERIOR WALLS FIRE-RESISTANCE RATING: FIRE SEPARATION DISTANCE > 10'-0" RATED EXPOSURE FROM INSIDE ONLY
TABLE 705.8 MAX AREA OF EXTERIOR WALL OPENINGS: FIRE SEPARATION DISTANCE > 25'-0" UNPROTECTED, NO LIMIT
706 FIRE WALLS: N/A
707 FIRE BARRIERS: 2 HOUR RATED
708 FIRE PARTITIONS: 1 HOUR RATED
709 SMOKE BARRIERS: 1 HOUR-ELEVATOR LOBBY
710 SMOKE PARTITIONS: N/A, NO RATING REQ D
711 FLOOR & ROOF ASSEMBLIES: 1 HOUR RATED
712 VERTICAL OPENINGS: N/A
713 SHAFT ENCLOSURES: 2 HOUR RATED
714 PENETRATIONS: MATCH ASSEMBLY RATING
715 FIRE-RESISTANT JOINT SYSTEM: MATCH ASSEMBLY RATING

TABLE 716.1(2) OPENING FIRE PROTECTION & RATING:
2 HOUR SHAFT: 90 MINUTE DOOR
1 HOUR FIRE BARRIER: 60 MINUTE DOOR
1 HOUR CORRIDOR: 20 MINUTE DOOR

717 DUCTS AND AIR TRANSFER OPENINGS: REQUIRED AT RATED PENETRATIONS, 1.5 HOUR DAMPER RATING

SECTION 718 CONCEALED SPACES: FIREBLOCK & DRAFTSTOP

CHAPTER FIVE

TABLE 504.3 ALLOWABLE HEIGHT IN FEET ABOVE GRADE PLANE: CONSTRUCTION TYPE VA
R: ACTUAL: 48'-8" ALLOWABLE: 60'-0"
A: ACTUAL: 13'-3" ALLOWABLE: 70'-0"
B: ACTUAL: 13'-3" ALLOWABLE: 70'-0"

TABLE 504.4 ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE:
R-1: ACTUAL: 4 ALLOWABLE: 4 STORIES
A-2: ACTUAL: 1 ALLOWABLE: 3 STORIES
A-4: ACTUAL: 1 ALLOWABLE: 3 STORIES
B: ACTUAL: 1 ALLOWABLE: 4 STORIES

TABLE 506.2 ALLOWABLE AREA FACTOR:
R-1: ACTUAL: 14.825 ALLOWABLE: 12,000 SQFT
A-2: ACTUAL: 6.620 ALLOWABLE: 11,500 SQFT
A-4: ACTUAL: 1.500 ALLOWABLE: 11,500 SQFT

506.2.4 MIXED-OCCUPANCY, MULTISTORY BUILDING:
Aa = [A1 + (NS x I1)]
Aa = [12,000 + (12,000 x 0.75)]
Aa = 21,000 SQFT, ALLOWABLE

506.33. AMOUNT OF INCREASE:
If = [F/P - 0.25]/30
If = [575/575 - 0.25]/30
If = 0.75

TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES:
R - R: 1 HOUR
R - A: 1 HOUR
R - B: 1 HOUR
A - A: 0 HOUR
A - B: 1 HOUR
B - B: 0 HOUR

TABLE 509 INCIDENTAL USES:
LAUNDRY > 100 SF, 1HR
STORAGE > 100 SF, 1HR

CHAPTER NINE

903 AUTOMATIC SPRINKLER SYSTEM: R-1, REQUIRED: NFPA 13R
A-2, REQUIRED: NFPA 13 (REQ'D. >5,000 SQFT)
B, REQUIRED: NFPA 13

905 STANDPIPE SYSTEM: CLASS I REQUIRED

906 PORTABLE FIRE EXTINGUISHERS: REQUIRED PER NFPA 10, 75'-0" MAX TRAVEL

907 FIRE ALARM & DETECTION SYSTEM: REQUIRED PER NFPA 72

909 SMOKE CONTROL SYSTEM: COMPLY WITH IMC

CHAPTER TEN

TABLE 1004.5 MAX FLOOR AREA ALLOWANCES PER OCCUPANT:
R-1, 200 GROSS
A-2, 15 NET
A-4, 50 GROSS-SWIMMING POOL
A-4, 15 GROSS-POOL DECK
B, 150 GROSS

SECTION 1005 MEANS OF EGRESS SIZING: STAIRS 0.2/OCC., W/ SPRINKLER EXCEPTION
OTHER EGRESS 0.15/OCC., W/ SPRINKLER EXCP.

TABLE 1006.2.1 SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY:
R-1: 10 OCC., 75' MAX. PATH OF EGRESS
A: 48 OCC., 75' MAX. PATH OF EGRESS
B: 48 OCC., 100' MAX. PATH OF EGRESS

TABLE 1006.3.2 MINIMUM NUMBER OF EXITS PER STORY: 2 EXITS REQ'D W/ OCCUPANT LOAD/STORY 1-500

1009.3.3 AREA OF REFUGE: NOT REQUIRED W/ SPRINKLER EXCEPTION
1009.3.3 AREA OF REFUGE: NOT REQUIRED W/ SPRINKLER EXCEPTION

1009.8 TWO-WAY COMMUNICATION: REQ'D. AT EACH ELEV. LANDING ABOVE GRADE

1011.2 STAIRWAY TO ROOF: UNOCCUPIED ROOF, ACCESS VIA ROOF HATCH

1014.2 HANDRAIL HEIGHT: 34" MIN. - 38" MAX.

1014.6 HANDRAIL EXTENSIONS: EXTEND HORIZONTALLY 12" BEYOND TOP RISER CONTINUE SLOPE 1 DEPTH TREAD AT BOTTOM

1015 GUARDS: 42" MIN. HEIGHT, 4" MAX. OPENING

TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE:
R: 250' W/ 13R SPRINKLER
A: 250' W/ 13 SPRINKLER
B: 300' W/ 13 SPRINKLER

1019 EXIT ACCESS STAIRWAYS: 2 HOUR RATED PER 713

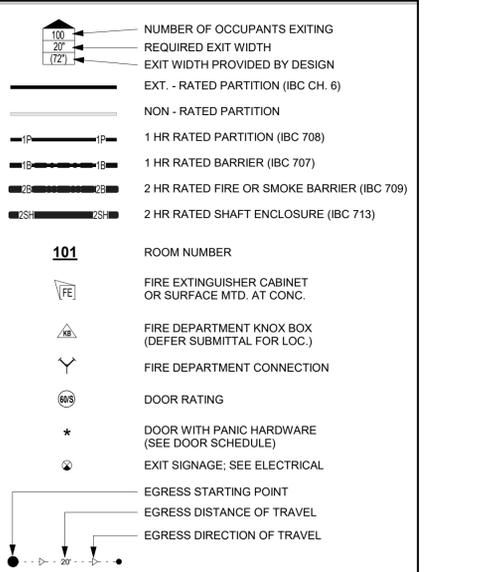
TABLE 1020.1 CORRIDOR RATING:
R: 1/2 HOUR RATED W/ 13R SPRINKLER
A: NO RATING REQ'D W/ 13 SPRINKLER
B: NO RATING REQ'D W/ 13 SPRINKLER

1020.1.1 HOISTWAY OPENING PROTECTION: REQUIRED PER 3006.2

TABLE 1020.2 MIN. CORRIDOR WIDTH: 44" MIN.

1020.4 DEAD ENDS: 20'-0" MAX.

CODE PLAN LEGEND



CHAPTER ELEVEN

ACCESSIBILITY TO COMPLY WITH THIS CH. OF IBC, ICC A117.1, ADA, & FAIR HOUSING

TABLE 1106.1 ACC. PARKING: (107) TOTAL PARKING STALLS, (7) REQ.D ACC.

TABLE 1107.6.1.1 ACCESSIBLE DWELLING & SLEEPING UNITS: (107) TOTAL UNITS, (7) REQ.D ACC.

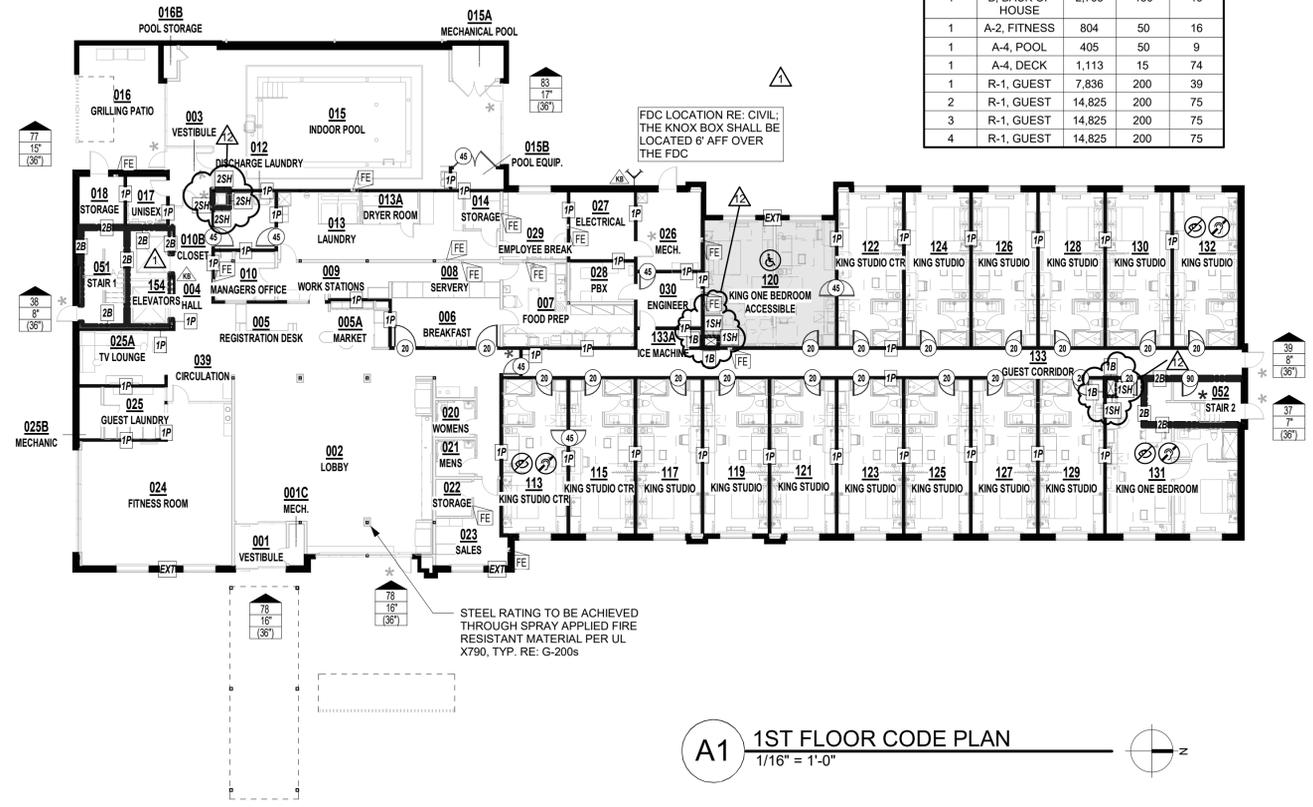
CHAPTER TWELVE

1206 SOUND TRANSMISSION: 50STC RATING BETWEEN SLEEPING UNITS

CHAPTER THIRTY

3006 ELEVATOR LOBBIES AND HOISTWAY OPENING PROTECTION: HOISTWAY OPENING PROTECTION REQUIRED

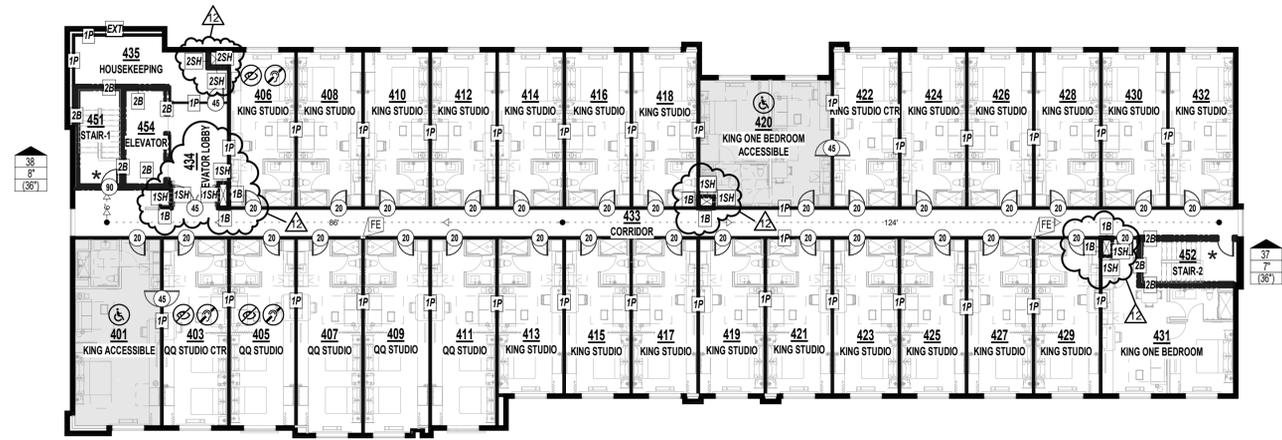
3006.3 HOISTWAY OPENING PROTECTION: SMOKE & DRAFT CONTROL DOOR PER UL 1784 PROVIDED AT EACH ELEVATOR HOISTWAY DOOR



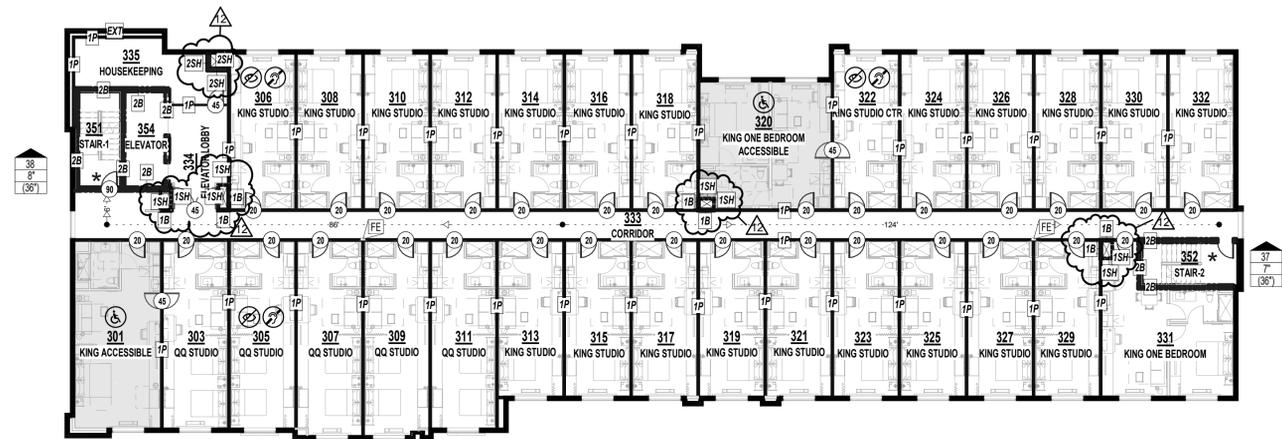
REFERENCE G-003 FOR GENERAL NOTES
 REFERENCE G-100 FOR CODE PLAN LEGEND

PRINTS ISSUED
 04/17/2024 - CITY SUBMISSION

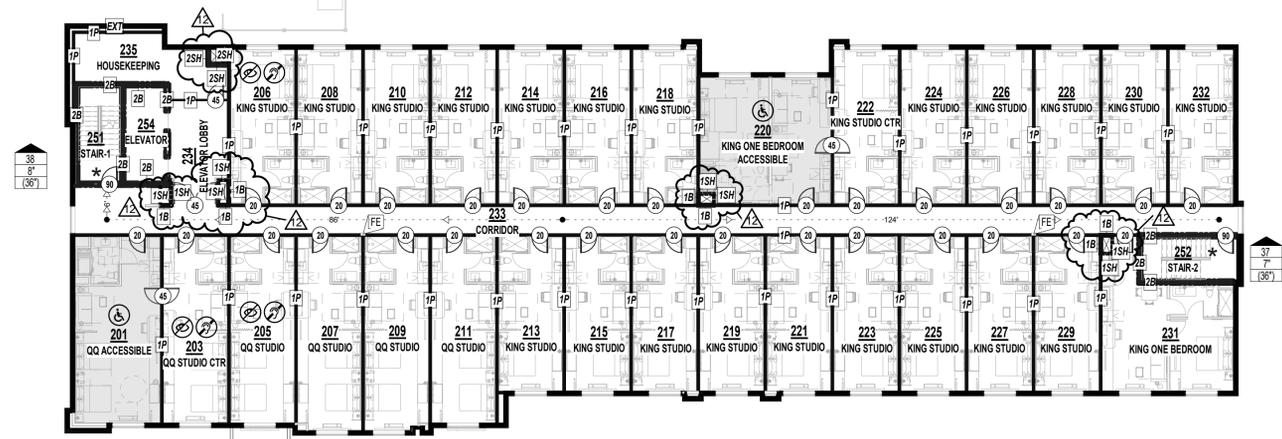
REVISIONS:
 12 03/11/2026 CHANGES TO APPROVED PLANS



A3 4TH FLOOR CODE PLAN
 1/16" = 1'-0"



A2 3RD FLOOR CODE PLAN
 1/16" = 1'-0"



CANOPY STRUCTURE
 INDEPENDENT OF BUILDING

A1 2ND FLOOR CODE PLAN
 1/16" = 1'-0"

rosemann & associates p.c.
 ARCHITECTURE
 INTERIOR DESIGN
 ENGINEERING
 PLANNING

1526 Grand Boulevard
 Kansas City, MO 64108-1404
 p: 816.472.1448
 w: www.rosemann.com
 © 2024 Rosemann & Associates, P.C.
 DENVER ■ KANSAS CITY ■ ST. LOUIS ■ ATLANTA



HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
 CODE ANALYSIS

PROJECT NUMBER: 22023

SHEET NUMBER:

G-101

INTERIOR PARTITION ASSEMBLIES (METAL-NON-RATED)



P54

METAL 1/2" FURRING / HAT CHANNEL - NON-RATED FURRING - INTERIOR

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD
- 1/2" FURRING / HAT CHANNEL, SPACED 16" O.C. (GAUGE DETERMINED BY WALL HEIGHT)

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE 'W' STEEL SCREWS SPACED 12" O.C.

INTERIOR PARTITION ASSEMBLIES (METAL-1 HR RATED)



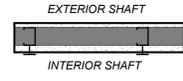
P64

METAL 3-5/8" STUD - 1HR PARTITION - INTERIOR

- (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD
- 3-5/8" STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.

NOTES:
a. ASSEMBLY TO COMPLY WITH 2018 IBC 722, INCLUDING TABLE 721.1 (2)
b. REFER TO IBC REFERENCE LISTED ABOVE FOR SCREW PATTERN AND OTHER REQUIREMENTS

INTERIOR PARTITION ASSEMBLIES (METAL-2 HR RATED)

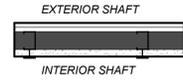


P74

METAL 2 1/2" C-H STUD - 1HR RATED SHAFT - INTERIOR

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD PER UL
- 2-1/2" C-H STUDS SPACED 24" O.C.
- (1) LAYER 1" SHAFT WALL LINER

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U415, SYSTEM A (SEPT 27, 2019)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS



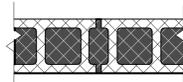
P75

METAL 2 1/2" C-H STUD - 2HR RATED SHAFT - INTERIOR

- (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD PER UL
- 2-1/2" C-H STUDS SPACED 24" O.C.
- (1) LAYER 1" SHAFT WALL LINER

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U415, SYSTEM A (FEB 14, 2022)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS

INTERIOR ASSEMBLIES - CMU / CONCRETE



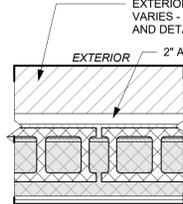
P41

CMU 8" BLOCK - 2HR FIRE BARRIER - INTERIOR

- 8" CMU (REINFORCING PER STRUCT)

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U905 (APR 14, 2023)
b. APPLY WATERPROOFING AT ALL SUBGRADE PORTION OF WALLS

EXTERIOR ASSEMBLIES - CMU / CONCRETE



P45

CMU 8" BLOCK - NON-RATED - EXTERIOR (AT STAIRS)

EXTERIOR

- EXTERIOR FINISH SYSTEM PER ELEVATIONS - BRICK SHOWN
- WEATHER RESISTANT BARRIER PER SPECIFICATIONS
- R VALUE PER IECC AS INDICATED ON DRAWINGS / SPECIFICATIONS
- (1) LAYER SHEATHING PER STRUCT. DRAWINGS
- 8" CMU (REINFORCING PER STRUCT)
- RESILIENT CHANNEL
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

INTERIOR

2" AIR GAP @ BRICK, TYP.

NOTES:
a. INTERIOR EXPOSED AREAS TO BE PAINTED PER FINISH SCHEDULE
b. APPLY WATERPROOFING AT ALL SUBGRADE PORTION OF WALLS

INTERIOR BARRIER ASSEMBLIES - WOOD - 2 HR RATED



P22

WOOD 2x4 STUD - 2HR BARRIER - INTERIOR

- (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD
- 25 MSG GALVANIZED RESILIENT CHANNEL, 24" O.C.
- 2x4 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- 3-1/2" FRICTION FIT BATT INSULATION IN STUD CAVITY
- (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U301 (AUG 2, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. SHALL COMPLY WITH IBC SECTION 7 FOR FIRE BARRIER
d. STC SHALL BE 50 OR OVER AT UNIT ASSEMBLIES, MEETING ASTM E90 (STC 58 BASED UPON TESTING NGC 2011069)



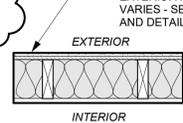
P23

WOOD 2x6 STUD - 2HR BARRIER - INTERIOR

- (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD
- 25 MSG GALVANIZED RESILIENT CHANNEL, 24" O.C.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- 5-1/2" FRICTION FIT BATT INSULATION IN STUD CAVITY
- (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U301 (AUG 2, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. SHALL COMPLY WITH IBC SECTION 7 FOR FIRE BARRIER
d. STC SHALL BE 50 OR OVER AT UNIT ASSEMBLIES, MEETING ASTM E90 (STC 58 BASED UPON TESTING NGC 2011069)

EXTERIOR PARTITION ASSEMBLIES - WOOD - NON RATED



P36

WOOD 2x6 STUD - NON-RATED EXTERIOR

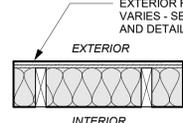
EXTERIOR

- EXTERIOR FINISH SYSTEM PER ELEVATIONS
- WEATHER RESISTANT BARRIER, PER SPECIFICATIONS
- (1) LAYER SHEATHING PER STRUCT. DWGS.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

INTERIOR

EXTERIOR FINISH, MATERIAL VARIES - SEE ELEVATIONS AND DETAILS

NOTES:
a. INTERIOR TO BE PAINTED PER FINISH SCHEDULE
b. SCREW PATTERN PER STRUCT.



P37

WOOD 2x6 STUD - NON-RATED FURRING EXTERIOR

EXTERIOR

- EXTERIOR FINISH SYSTEM PER ELEVATIONS
- WEATHER RESISTANT BARRIER, PER SPECIFICATIONS
- (1) LAYER 15/32" OSB SHEATHING MIN. OR PER STRUCT. DWGS IF THICKNESS IS GREATER.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.

INTERIOR

EXTERIOR FINISH, MATERIAL VARIES - SEE ELEVATIONS AND DETAILS

NOTES:
a. SCREW PATTERN PER STRUCT.

INTERIOR PARTITION ASSEMBLIES - WOOD - NON RATED



P1

WOOD 2x4 STUD - NON-RATED PARTITION - INTERIOR

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD
- 2x4 WOOD STUDS SPACED 16" O.C.
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE 'W' STEEL SCREWS @ 12" O.C.

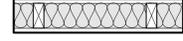


P2

WOOD 2x6 STUD - NON-RATED PARTITION - INTERIOR

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD
- 2x6 WOOD STUDS SPACED 16" O.C.
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE 'W' STEEL SCREWS @ 12" O.C.



P4

WOOD 2x4 STUD - NON-RATED PARTITION - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD
- 2x4 WOOD STUDS SPACED 16" O.C.
- 3 1/2" BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE 'W' STEEL SCREWS @ 12" O.C.



P5

WOOD 2x6 STUD - NON-RATED PARTITION - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD
- 2x6 WOOD STUDS SPACED 16" O.C.
- 5 1/2" BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE 'W' STEEL SCREWS @ 12" O.C.



P7

WOOD 2x4 STUD - NON-RATED FURRING - INTERIOR

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD ON OCCUPIED SIDE
- 2x4 WOOD STUDS SPACED 16" O.C.

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE 'W' STEEL SCREWS @ 12" O.C.



P9

WOOD 2x6 STUD - NON-RATED FURRING - INTERIOR

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD ON OCCUPIED SIDE
- 2x6 WOOD STUDS SPACED 16" O.C.

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE 'W' STEEL SCREWS @ 12" O.C.

INTERIOR PARTITION ASSEMBLIES - WOOD - 1 HR RATED



P10

WOOD 2x4 STUD - 1HR PARTITION - INTERIOR

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD
- 2x4 WOOD STUDS SPACED 16" O.C. MAX, OR PER STRUCT. DWGS.
- 3-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (AUG 4, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS

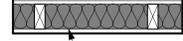


P11

WOOD 2x6 STUD - 1HR PARTITION - INTERIOR

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD
- 2x6 WOOD STUDS SPACED 16" O.C. MAX, OR PER STRUCT. DWGS.
- 5-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (AUG 4, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS



P12

WOOD 2x4 STUD - 1HR PARTITION - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD
- 25 MSG GALVANIZED STEEL RESILIENT CHANNEL, 24" O.C.
- 2x4 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 3-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (AUG 4, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. STC SHALL BE 50 OR OVER AT UNIT ASSEMBLIES, MEETING ASTM E90 (STC 51 BASED UPON TESTING NGC 2011071)
d. WHERE PARTITION DIVIDES A CORRIDOR AND UNIT, RESILIENT CHANNEL SHALL BE ON CORRIDOR SIDE OF WALL, GC TO COORDINATE
e. WHERE PARTITION IS USED AS A DEMISING WALL AND/OR FOR STRUCTURAL SHEAR, GC TO COORDINATE ADDITIONAL LAYERS OF STRUCTURAL MATERIAL PER STRUCTURAL DRAWINGS. THESE LAYERS TO BE ADDITIVE TO THE ASSEMBLY LISTED ABOVE AND SHALL BE INCORPORATED PER UL 263. WHERE ONLY ONE LAYER IS ADDED FOR STRUCTURAL SHEAR, THIS SHALL BE PLACED ON SIDE OF WALL WHERE ONLY GYPSUM BOARD RESIDES, NOT ON RESILIENT CHANNEL SIDE.

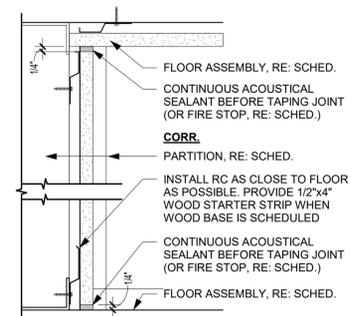


P13

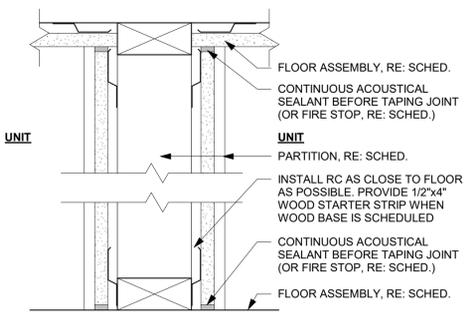
WOOD 2x6 STUD - 1HR PARTITION - GUEST ROOM DIVISION & CORRIDORS

- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD
- 25 MSG GALVANIZED STEEL RESILIENT CHANNEL, 24" O.C.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 5-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (SEPT 19, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. STC SHALL BE 50 OR OVER AT UNIT ASSEMBLIES, MEETING ASTM E90 (STC 51 BASED UPON TESTING NGC 2011071)
d. WHERE PARTITION DIVIDES A CORRIDOR AND UNIT, RESILIENT CHANNEL SHALL BE ON CORRIDOR SIDE OF WALL, GC TO COORDINATE
e. WHERE PARTITION IS USED AS A DEMISING WALL AND/OR FOR STRUCTURAL SHEAR, GC TO COORDINATE ADDITIONAL LAYERS OF STRUCTURAL MATERIAL PER STRUCTURAL DRAWINGS. THESE LAYERS TO BE ADDITIVE TO THE ASSEMBLY LISTED ABOVE AND SHALL BE INCORPORATED PER UL 263. WHERE ONLY ONE LAYER IS ADDED FOR STRUCTURAL SHEAR, THIS SHALL BE PLACED ON SIDE OF WALL WHERE ONLY GYPSUM BOARD RESIDES, NOT ON RESILIENT CHANNEL SIDE.



B1
ACOUSTIC SEALANT @
FLOOR/CEILING
3" = 1'-0"



A1
UNIT/UNIT ACOUSTICAL SEALANT
@ FLOOR/CEILING
3" = 1'-0"

PARTITION NOTES

- USE MOISTURE AND MOLD RESISTANT DRYWALL AT ALL WET WALLS. USE CEMENTITIOUS BACKER BOARD IF TILE IS TO BE INSTALLED.
- REFER TO G-200 SHEETS FOR SPECIFIC UL DESIGN REQUIREMENTS.
- ALL FIRE RATED PARTITIONS MUST USE TYPE-'X' / FIRE RATED GYPSUM BOARD IN THICKNESS INDICATED OR NECESSARY TO ACHIEVE REQUIRED RATING.
- PUTTY PADS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS: UNIT/CORRIDOR SEPARATION PARTITIONS; ALL UNIT DEMISING PARTITIONS WHERE MULTIPLE BOXES ARE INSTALLED IN THE SAME STUD CAVITY, INCLUDING BACK-TO-BACK BOXES.
- REFER TO STRUCTURAL FOR ALL SHEAR AND BEARING WALL LOCATIONS & REQUIREMENTS.
- ALL WALLS ARE FULL HEIGHT TO THE UNDERSIDE OF FLOOR/ROOF CEILING ASSEMBLY UNLESS NOTED OTHERWISE.
- ALL STEEL COLUMNS AND STEEL BEAMS REQUIRE 1 HOUR PROTECTION. REFER TO CEILING PLANS FOR LOCATION.
- FIREBLOCKING SHALL BE INSTALLED IN CONCEALED SPACES OF STUD WALL AND PARTITIONS INCLUDING FURRED SPACES VERTICALLY AT THE CEILING AND FLOOR LEVELS AND HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET. USE UL RATED FIRESTOP FOAM, CAULK OR PADS (OR EQUIVALENT UL RATED MATERIAL THAT MAINTAINS THE ASSEMBLY'S RATING PER THE SCHEDULE.

PRINTS ISSUED
04/17/2024 - CITY SUBMISSION

REVISIONS:
12 03/11/2026 CHANGES TO APPROVED PLANS

rosemann & associates, p.c.

ARCHITECTURE
INTERIOR DESIGN
ENGINEERING
PLANNING

1526 Grand Boulevard
Kansas City, MO 64108-1404
P: 816.472.1448
W: www.rosemann.com
© 2024 Rosemann & Associates, P.C.

DENVER ■ KANSAS CITY ■ ST. LOUIS ■ ATLANTA



HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
PARTITION ASSEMBLIES

PROJECT NUMBER: 22023

SHEET NUMBER:

Zone M	
AREA TO BE VENTED	1585 S.F.
VENTING CALCULATION FACTOR PER 2018 IBC	300
TOTAL REQUIRED VENTING = (1585 S.F. x 144) / 300 =	761 SQ.IN.
HIGH ROOF VENTING = 761 SQ.IN. x 1 =	761 SQ.IN.
LOW ROOF VENTING = 761 SQ.IN. x 0 =	0 SQ.IN.
HIGH ROOF VENTING	761 SQ.IN. REQUIRED
PROVIDED HIGH ROOF VENTING	762 SQ.IN. PROVIDED
(1) Intake Vent @ 254 NFA =	254 SQ.IN./FT NFA
(2) Exhaust Vent @ 254 NFA =	508 SQ.IN./FT NFA
TOTAL ROOF VENTING PROVIDED	762 SQ.IN. PROVIDED

ROOF PLAN LEGEND	
	INTAKE VENTS
	EXHAUST VENTS

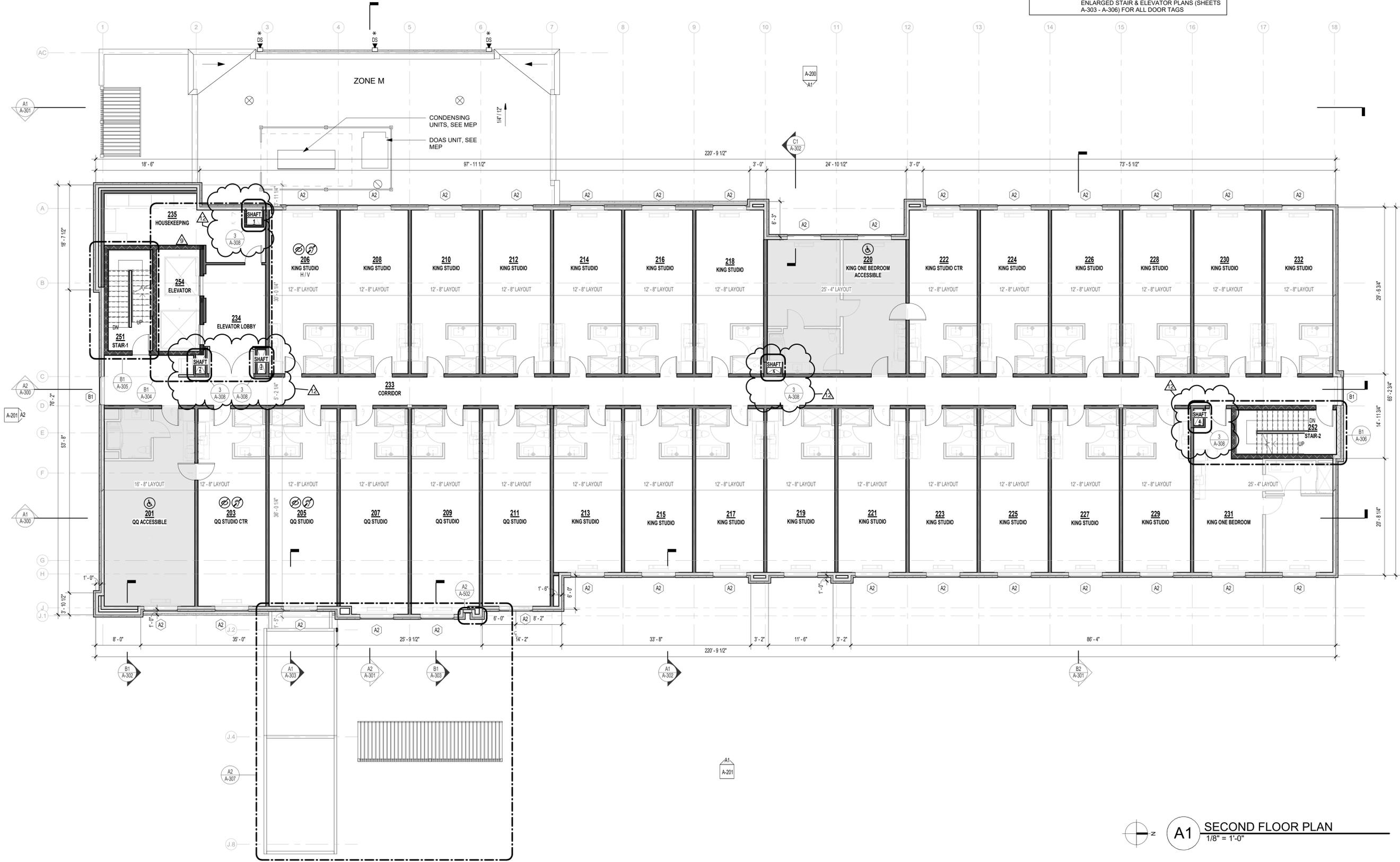
PLAN LEGEND	
	PARTIAL HEIGHT PARTITION
	NON-RATED PARTITION; SEE ASSEMBLIES G-102
	1 HR RATED PARTITION; SEE ASSEMBLIES G-102
	2 HR RATED PARTITION; SEE ASSEMBLIES G-102
	WINDOW TYPE; SEE WINDOW SCHEDULE A-600
	DOOR TYPE; SEE DOOR SCHEDULE A-600
	PARTITION TYPE; SEE ASSEMBLIES G-102
	FRAMING DIMENSIONS
	LAYOUT LINE DIMENSIONS
	HEARING/VISIBILITY
	ADA/ACCESSIBLE UNITS
*NOTE: SEE ENLARGED PLANS (SHEET A-110) & ENLARGED STAIR & ELEVATOR PLANS (SHEETS A-303 - A-306) FOR ALL DOOR TAGS	

REFERENCE G-003 FOR GENERAL NOTES

PRINTS ISSUED
 04/17/2024 - CITY SUBMISSION

REVISIONS:
 1 05/17/2024 CITY RESPONSE
 9 06/05/2025 ASI #2.6
 12 03/11/2026 CHANGES TO APPROVED PLANS

NOTE: WINDOW TAGS ADDED TO ALL OVERALL FLOOR PLANS



rosemann & ASSOCIATES P.C.
 ARCHITECTURE
 INTERIOR DESIGN
 ENGINEERING
 PLANNING

1526 Grand Boulevard
 Kansas City, MO 64108-1404
 P: 816.472.1448
 W: www.rosemann.com
 © 2024 Rosemann & Associates, P.C.

DENVER ■ KANSAS CITY ■ ST. LOUIS ■ ATLANTA



HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
 SECOND FLOOR PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

A-102

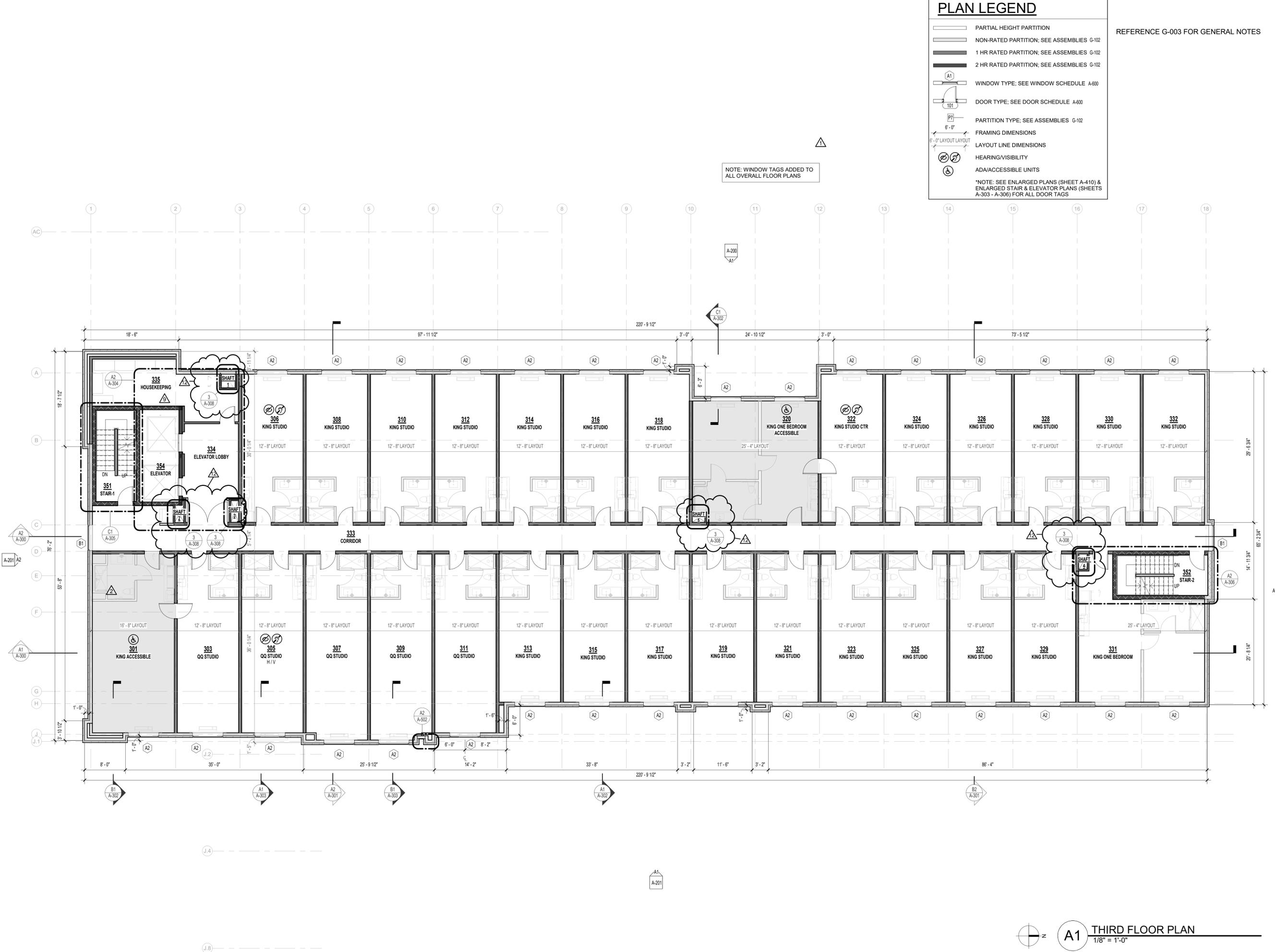
A1 SECOND FLOOR PLAN
 1/8" = 1'-0"

PLAN LEGEND

-  PARTIAL HEIGHT PARTITION
 -  NON-RATED PARTITION; SEE ASSEMBLIES G-102
 -  1 HR RATED PARTITION; SEE ASSEMBLIES G-102
 -  2 HR RATED PARTITION; SEE ASSEMBLIES G-102
 -  WINDOW TYPE; SEE WINDOW SCHEDULE A-600
 -  DOOR TYPE; SEE DOOR SCHEDULE A-600
 -  PARTITION TYPE; SEE ASSEMBLIES G-102
 -  FRAMING DIMENSIONS
 -  LAYOUT LINE DIMENSIONS
 -  HEARING/VISIBILITY
 -  ADA/ACCESSIBLE UNITS
- *NOTE: SEE ENLARGED PLANS (SHEET A-410) & ENLARGED STAIR & ELEVATOR PLANS (SHEETS A-303 - A-306) FOR ALL DOOR TAGS

REFERENCE G-003 FOR GENERAL NOTES

NOTE: WINDOW TAGS ADDED TO ALL OVERALL FLOOR PLANS



PRINTS ISSUED
 04/17/2024 - CITY SUBMISSION

REVISIONS:
 1 05/17/2024 CITY RESPONSE
 2 06/14/2024 CITY & BRAND RESPONSE
 9 06/05/2025 ASI #2.6
 12 03/11/2026 CHANGES TO APPROVED PLANS

rosemann & ASSOCIATES P.C.
 ARCHITECTURE
 INTERIOR DESIGN
 ENGINEERING
 PLANNING

1526 Grand Boulevard
 Kansas City, MO 64108-1404
 P: 816.472.1448
 W: www.rosemann.com
 © 2024 Rosemann & Associates, P.C.

DENVER ■ KANSAS CITY ■ ST. LOUIS ■ ATLANTA



HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
 THIRD FLOOR PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

A-103

A1 THIRD FLOOR PLAN
 1/8" = 1'-0"

3/13/2025 10:57:55 AM
 C:\pwworking\rosemann.com\22023\22023-03030\Home2 Suites_Central_R3D_20250313.dwg

PLAN LEGEND

-  PARTIAL HEIGHT PARTITION
 -  NON-RATED PARTITION; SEE ASSEMBLIES G-102
 -  1 HR RATED PARTITION; SEE ASSEMBLIES G-102
 -  2 HR RATED PARTITION; SEE ASSEMBLIES G-102
 -  WINDOW TYPE; SEE WINDOW SCHEDULE A-600
 -  DOOR TYPE; SEE DOOR SCHEDULE A-600
 -  PARTITION TYPE; SEE ASSEMBLIES G-102
 -  FRAMING DIMENSIONS
 -  LAYOUT LINE DIMENSIONS
 -  HEARING/VISIBILITY
 -  ADA/ACCESSIBLE UNITS
- *NOTE: SEE ENLARGED PLANS (SHEET A-410) & ENLARGED STAIR & ELEVATOR PLANS (SHEETS A-303 - A-308) FOR ALL DOOR TAGS

REFERENCE G-003 FOR GENERAL NOTES

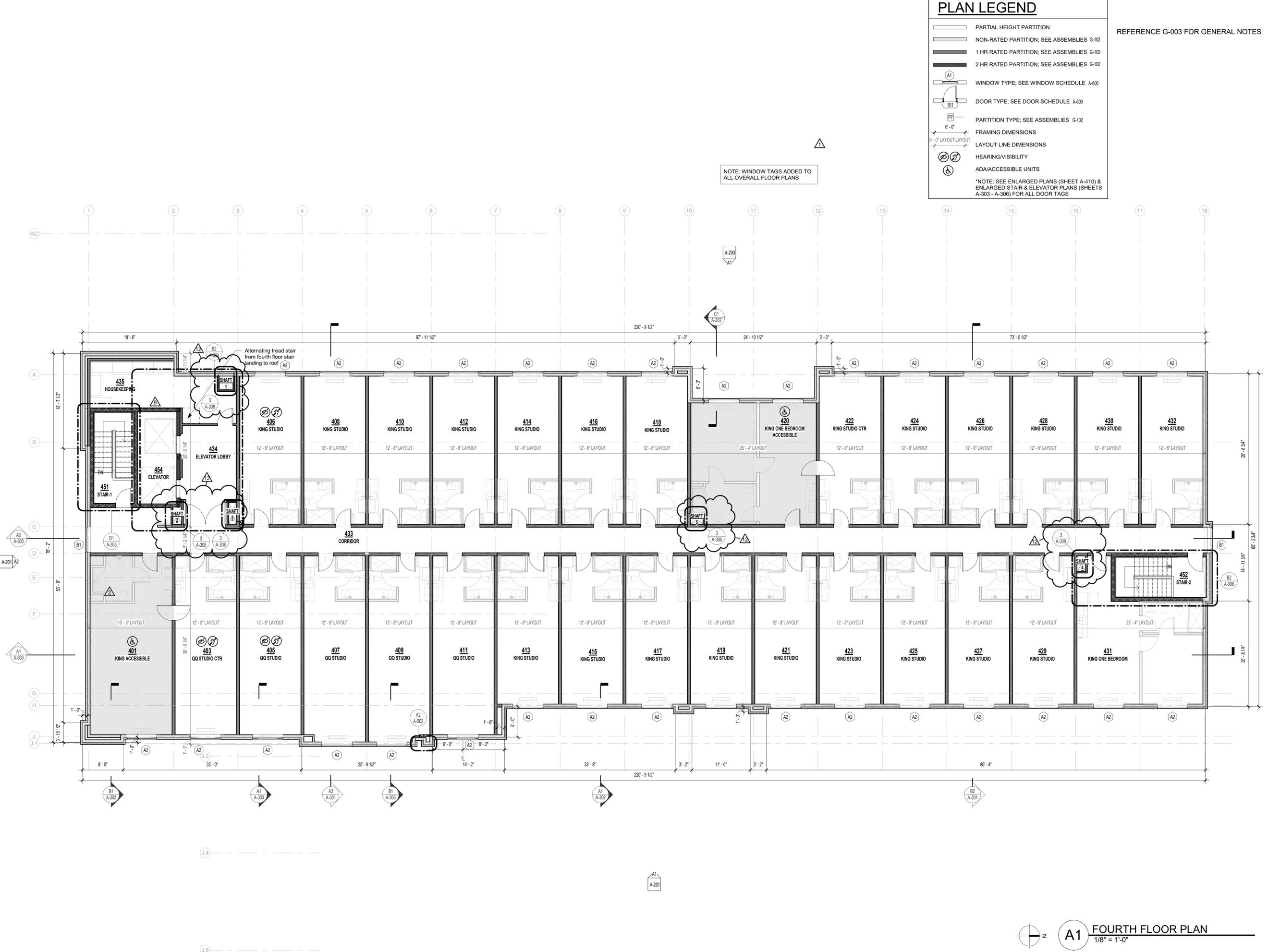
PRINTS ISSUED
 04/17/2024 - CITY SUBMISSION

REVISIONS:
 1 05/17/2024 CITY RESPONSE
 2 06/14/2024 CITY & BRAND RESPONSE
 9 06/05/2025 ASI #2.6
 12 03/11/2026 CHANGES TO APPROVED PLANS

rosemann & ASSOCIATES P.C.
 ARCHITECTURE
 INTERIOR DESIGN
 ENGINEERING
 PLANNING

1526 Grand Boulevard
 Kansas City, MO 64108-1404
 P: 816.472.1448
 W: www.rosemann.com
 © 2024 Rosemann & Associates, P.C.

DENVER ■ KANSAS CITY ■ ST. LOUIS ■ ATLANTA



HOMER SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
 FOURTH FLOOR PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

A-104

A1 FOURTH FLOOR PLAN
 1/8" = 1'-0"

3/13/2025 8:41:52 AM
 C:\pwworking\rosemann.com\2025\22023\22023.dwg

Product IQ®

Design/System/Construction/Assembly Usage Disclaimer

Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, systems, devices, and materials.
 Authorities Having Jurisdiction should be consulted before construction.
 Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
 When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
 Only products which bear UL's Mark are considered Certified.

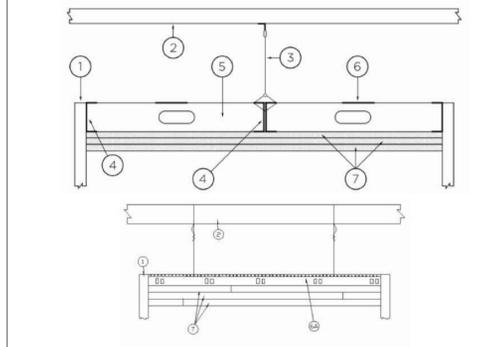
BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
 BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
 See General Information for Fire-Resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances
 See General Information for Fire-Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. I504

June 13, 2024

Ceiling Membrane Rating - 1 Hr.
 Load Restriction - Limited to the Dead Weight of the Assembly
 *Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL certification (such as Canada), respectively.

1 Hour System



- Supporting Structure #1** - Fire-resistance rated. Suitable point of attachment of C-Channels (Item 4).
- Supporting Structure #2** - If necessary - Suitable point of attachment of hanger wire (Item 3).
- Hanger Wire** - If necessary - Min. 8 gauge steel wire, hung from holes punched in C-Channel (Item 4). Hanger wire spaced nominally 24 in. OC.
- C-Channels** - Used to support steel studs at both ends. Min. 3-5/8 in. deep with min. 1-1/4 in. legs and formed from min. No. 20 MSG galv. steel. Perimeter channels attached to a fire-resistance rated supporting structure (Item 1) with fasteners spaced not greater than 24 in. OC at both the top and bottom of the vertical leg. When used with items 2 and 3, C-Channel secured back to back with 1/2 in. Type S screws spaced 24 in. OC along centerline of C-Channels. Where C-Channels form a butt joint, screws placed at both top and bottom of both sides of butt joint.
- Steel Studs** - Min. 3-5/8 in. wide with min. 1-5/8 in. legs containing folded back flanges and formed from min. No. 20 MSG galv. Steel. Studs to be cut 3/8 in. to 5/8 in. less than the clear span between the

vertical legs of the perimeter channels. Studs spaced a max. 16 in. OC. At each end of the stud, the top and bottom legs shall be secured to the perimeter channel with one 3/8 in. long pan-head steel screw. Studs are used at each end of the horizontal barrier to terminate the assembly at the adjoining wall. These end studs shall be secured to the adjoining wall in the same manner as the perimeter channels (Item 4). Maximum unsupported length of studs not to exceed 8 ft. 1 in.

6. Steel Strap - Min 4 in. wide formed from min. No. 20 MSG galv. Steel. Secured perpendicular to the studs at the centerline of the span using one 3/8 in. long pan-head steel screw. Strips to overlap one full stud bay at splice locations. As an alternate to the steel strap, C-Channels (Item 4) may be substituted and installed in the same manner as the steel straps. If a continuous piece is not used, about channels on each side of the centerline of the span and overlap one full stud bay.

6A. Framing Members* - As an alternate to items 3, 4, 5, and 6 - Main runners, cross tees, cross channels and wall angle as listed below:

a. Main Runners - Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 24 in. OC, twist tied to supporting structure.

b. Cross Tees - Nom 4 ft long, 1-1/2 in. wide face, installed perpendicular to the main runners, spaced 16 in. OC. The cross tees or cross channels may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.

c. Cross Channels - Nom 4 ft long, installed perpendicular to main runners, spaced 16 in. OC.

d. Wall Angle or Channel - Painted or galv steel angle with 1 in. legs or channel with 1 in. legs, 1-9/16 in. deep attached to walls at perimeter of ceiling with fasteners 16 in. OC. To support steel framing member ends and for screw-attachment of the gypsum panel.

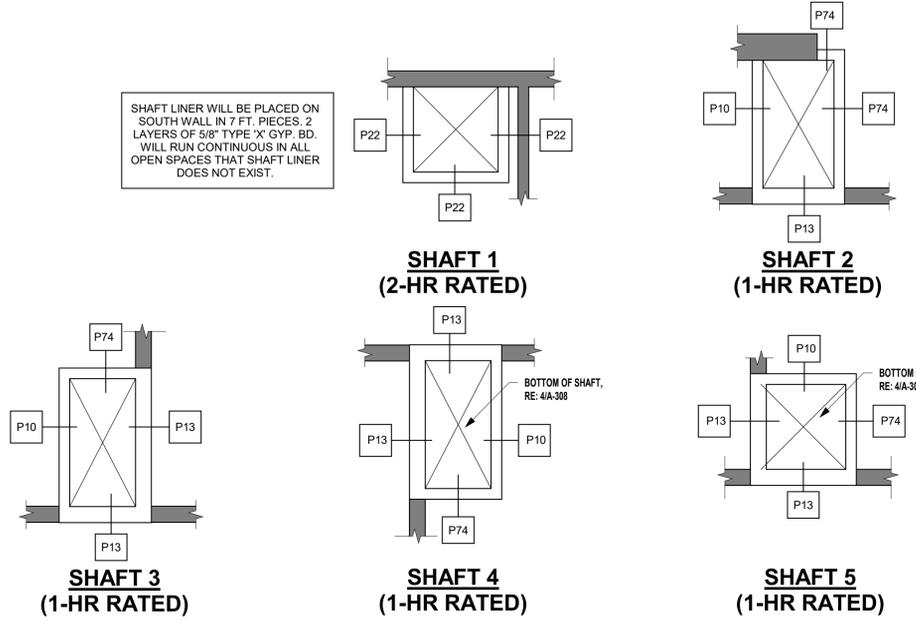
7. Gypsum Board* - Three layers of nom. 5/8 in. thick gypsum board installed with long dimension perpendicular to the steel studs or Framing Members*. Base secured to studs and perimeter channels with 1 in. long Type S steel screws spaced max. 16 in. OC. Middle layer secured to the studs or Framing Members* and perimeter supports with 1-5/8 in. long Type S steel screws spaced max. 16 in. OC. Middle layer edge and end joints staggered a min. 16 in. from base layer joints. Face layer secured to the studs or Framing Members* and perimeter supports with 2-1/4 in. long Type S steel screws spaced max. 12 in. OC. Face layer edge and end joints staggered a min. 16 in. from middle layer joints.
NATIONAL GYPSUM CO - Type FSW, FSW-6, FSW-C, exP-C

8. Joint Tape and Compound - Not Shown - (Optional, Not Required On Joints or Screw Heads) - Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, nom. 2 in. wide, embedded in first layer of compound over all joints.

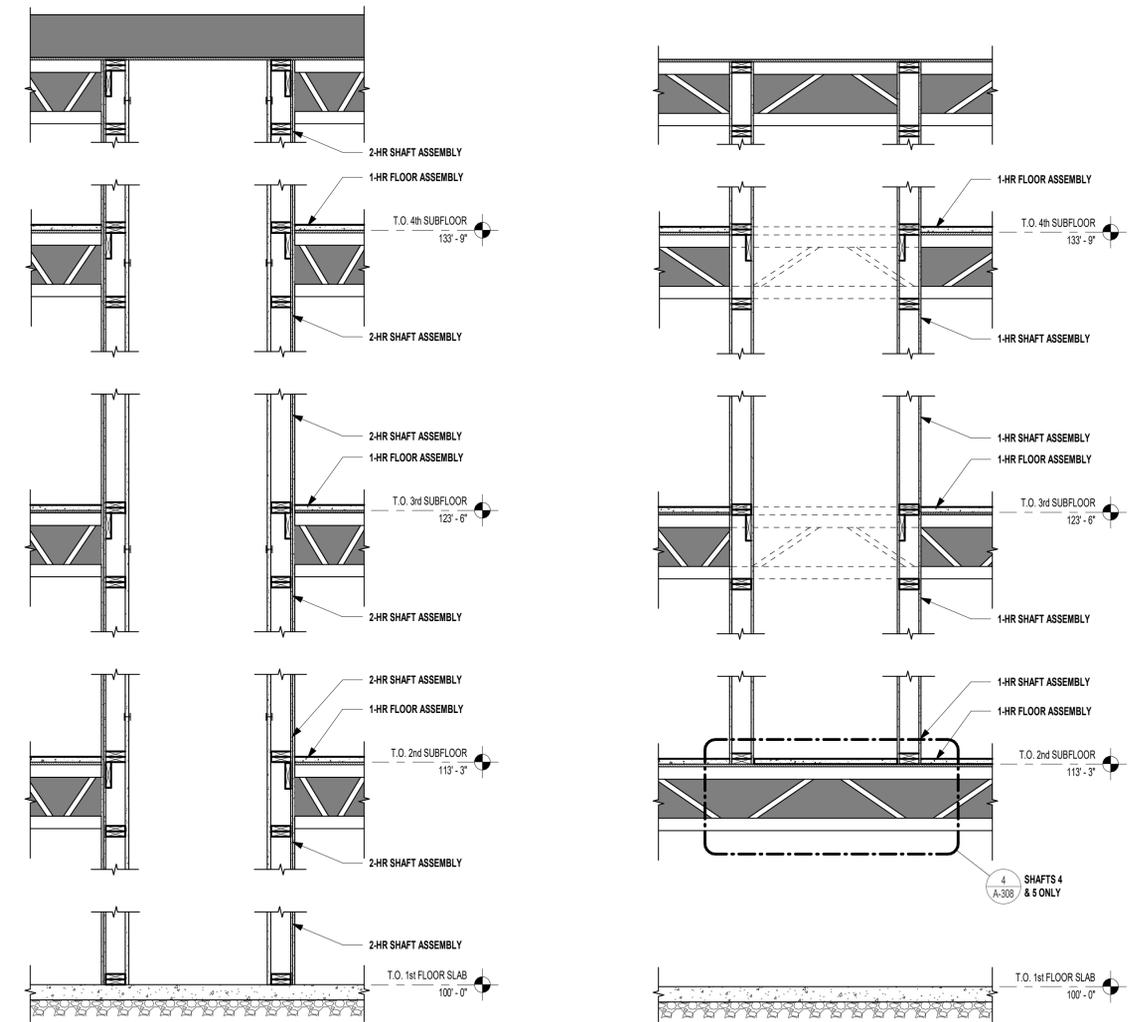
*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively. Last Updated on 2024-06-13

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow-Up Service. Always look for the Mark on the product.
 UL Solutions permits the reproduction of the material contained in Product IQ subject to the following conditions: 1. The Guide Information, Assemblies, Construction, Design, System, and/or Certification (File) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product IQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2026 UL LLC."

SHAFT LINER WILL BE PLACED ON SOUTH WALL IN 7 FT. PIECES. 2 LAYERS OF 5/8" TYPE 'X' GYP. BD. WILL RUN CONTINUOUS IN ALL OPEN SPACES THAT SHAFT LINER DOES NOT EXIST.



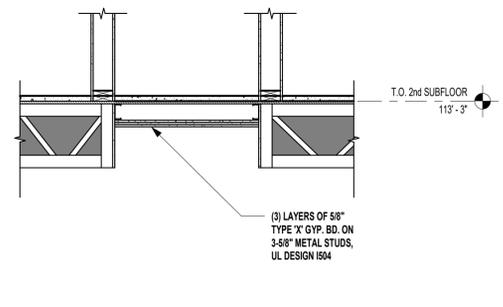
3 SHAFT WALL CLARIFICATIONS
 3/8" = 1'-0"



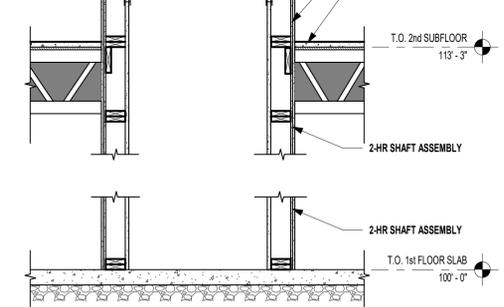
5 UL DESIGN I504
 12" = 1'-0"



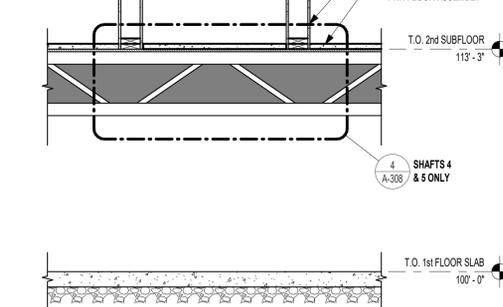
4 SHAFTS 4 & 5 DETAIL
 1/2" = 1'-0"



2 2-HR RATED SHAFT TYP.
 1/2" = 1'-0"



1 1-HR RATED SHAFT TYP.
 1/2" = 1'-0"



rosemann & ASSOCIATES P.C.
 ARCHITECTURE
 INTERIOR DESIGN
 ENGINEERING
 PLANNING
 1526 Grand Boulevard
 Kansas City, MO 64108-1404
 P: 816.472.1448
 W: www.rosemann.com
 © 2024 Rosemann & Associates, P.C.
 DENVER ■ KANSAS CITY ■ ST. LOUIS ■ ATLANTA



HOMER SUITES BY HILTON
LEE'S SUMMIT, MO

SHEET TITLE
 TYP. RATED SHAFT SECTIONS
 PROJECT NUMBER: 22023
 SHEET NUMBER:

A-308