

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.
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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



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ARCHITECTURAL

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MECHANICAL

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ELECTRICAL

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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

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
(107) UNITS

TOTAL 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

Sheet Issue Date	Sheet Number	Sheet Name	Rev.	Current Revision Date
04/17/24	PS101	SANITARY SEWER PLAN - FIRST FLOOR	4	09/13/2024
04/17/24	PS102	SANITARY SEWER PLAN - SECOND FLOOR		

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 WIDTH CAPACITY: 44" MIN.

1011.12 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.

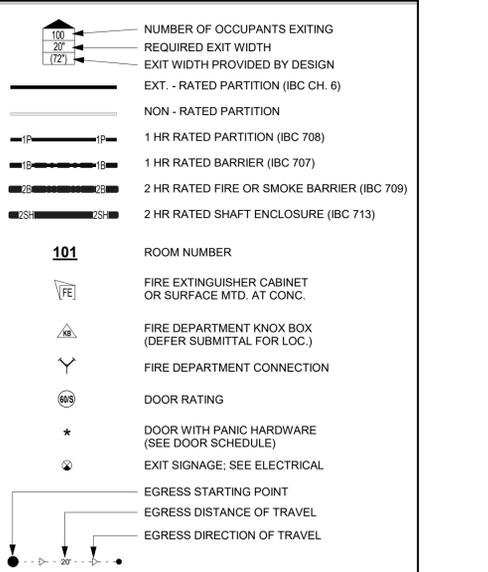
1020.4 DEAD ENDS: 20'-0" MAX.

CHAPTER SIX

TABLE 601 FIRE RESISTANCE REQS. FOR BUILDING ELEMENTS (HOURS):
CONSTRUCTION TYPE VA
PRIMARY STRUCTURAL FRAME: 1 HOUR
INTERIOR BEARING WALL: 1 HOUR
EXTERIOR BEARING WALL: 1 HOUR
NON-BEARING WALL: 0 HOUR
FLOOR CONSTRUCTION: 1 HOUR
ROOF CONSTRUCTION: 1 HOUR

TABLE 602 FIRE RESISTANCE REQS. FOR EXTERIOR WALLS BASED ON FIRE SEP. DISTANCE: 0 HOUR <30 FEET, 0 >30 FEET

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.

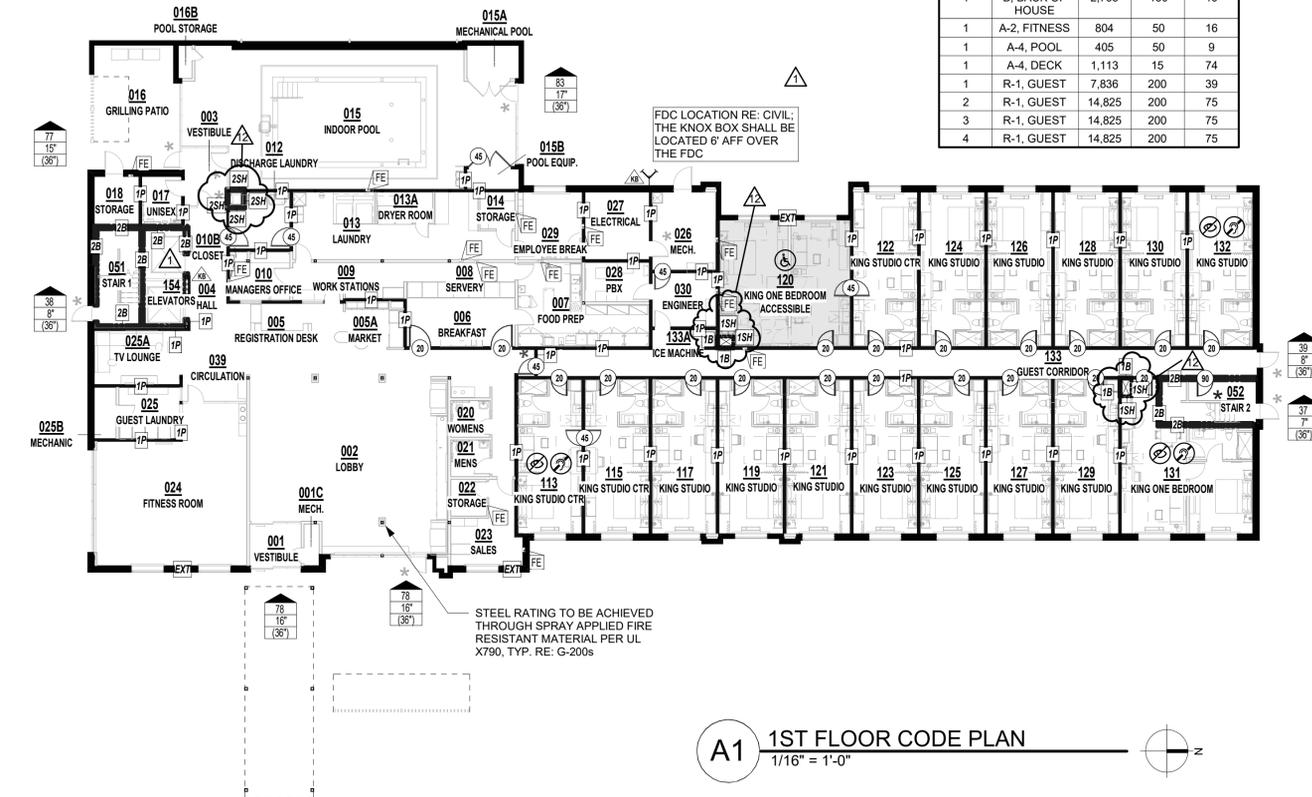
CHAPTER TWELVE

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



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

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1 05/17/2024 CITY RESPONSE
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HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
CODE ANALYSIS

PROJECT NUMBER: 22023

SHEET NUMBER:

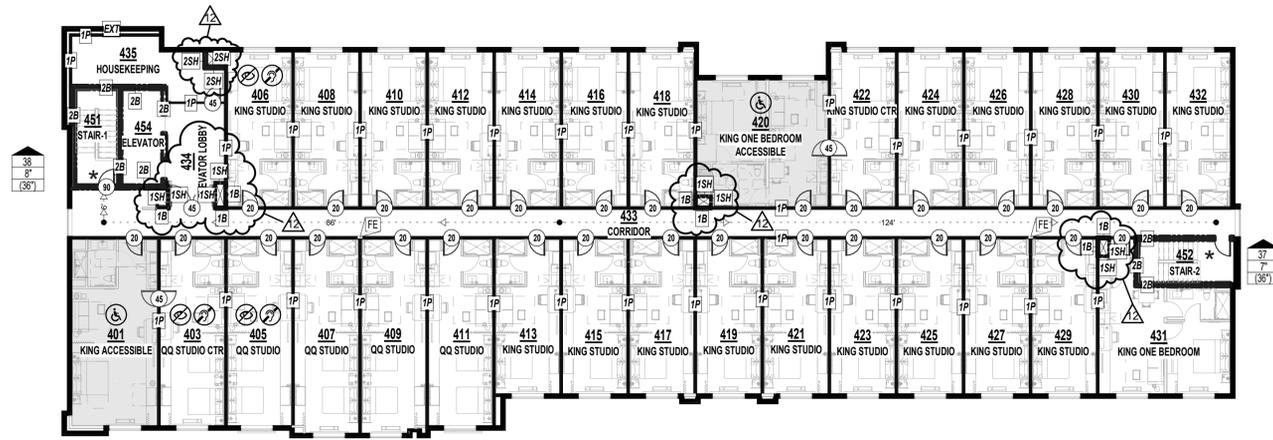
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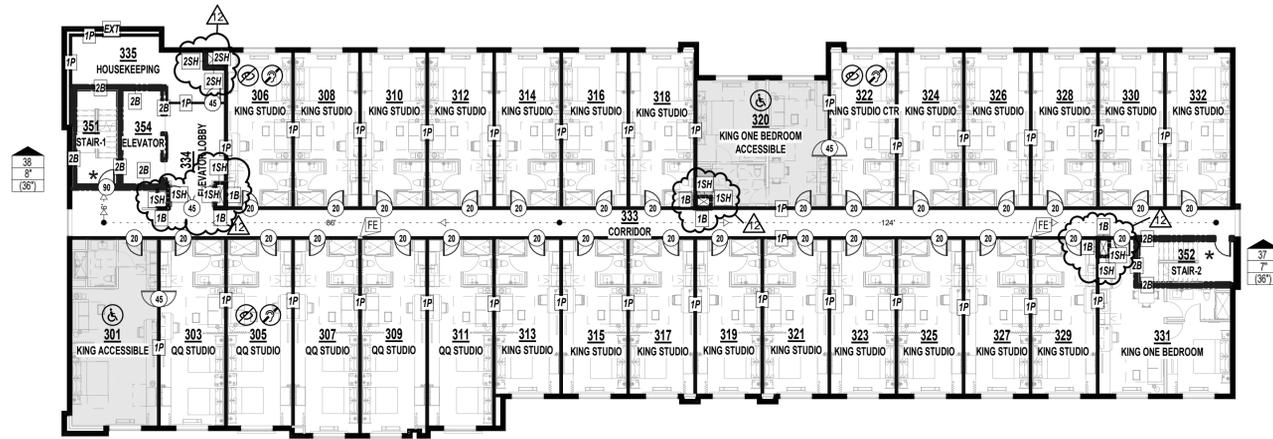
REFERENCE G-003 FOR GENERAL NOTES
REFERENCE G-100 FOR CODE PLAN LEGEND

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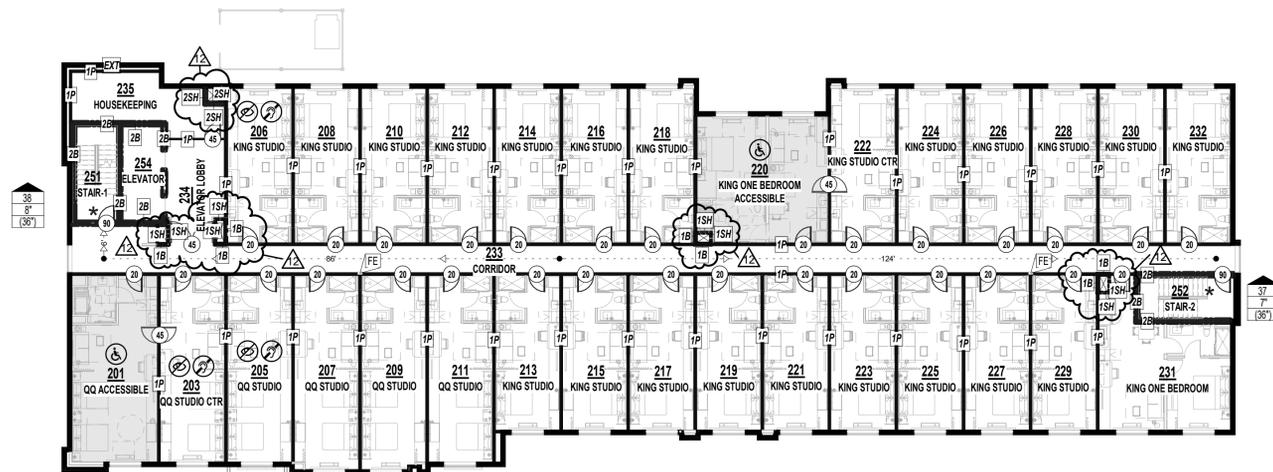
REVISIONS:
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A3 4TH FLOOR CODE PLAN
1/16" = 1'-0"



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



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

CANOPY STRUCTURE
INDEPENDENT OF BUILDING

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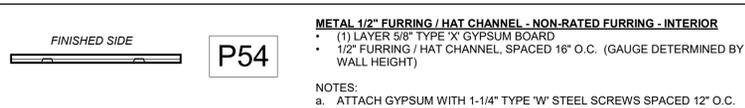
LEE'S SUMMIT, MO

SHEET TITLE
CODE ANALYSIS
PROJECT NUMBER: 22023
SHEET NUMBER:

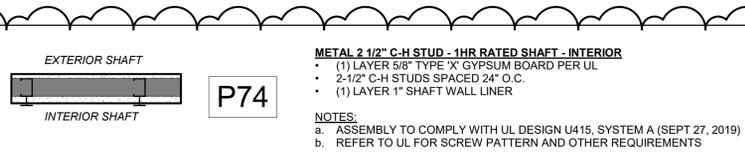
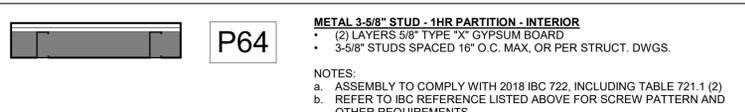
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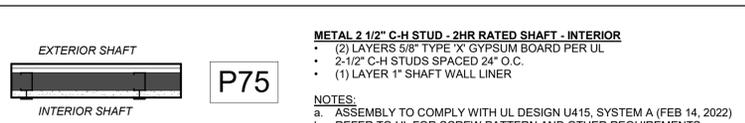
INTERIOR PARTITION ASSEMBLIES (METAL-NON-RATED)



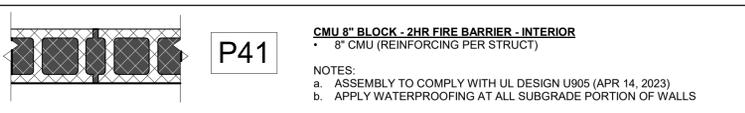
INTERIOR PARTITION ASSEMBLIES (METAL-1 HR RATED)



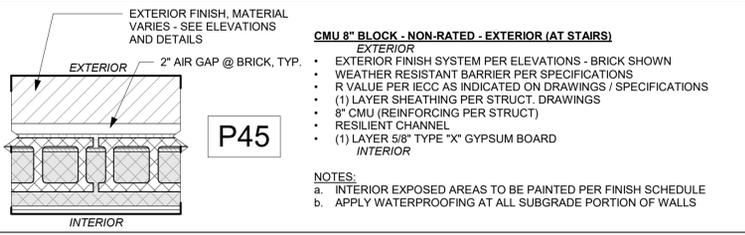
INTERIOR PARTITION ASSEMBLIES (METAL-2 HR RATED)



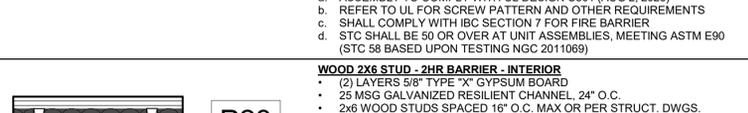
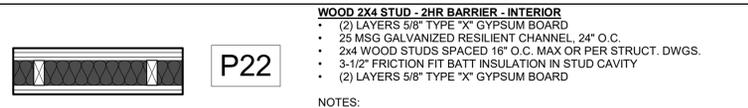
INTERIOR ASSEMBLIES - CMU / CONCRETE



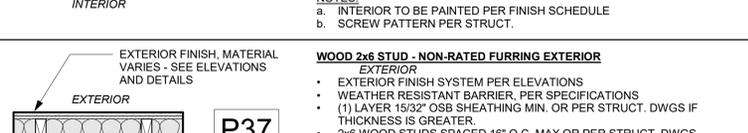
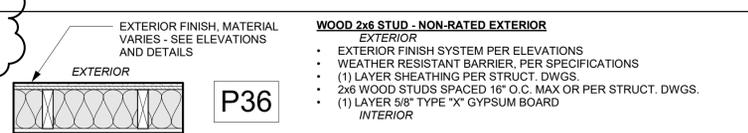
EXTERIOR ASSEMBLIES - CMU / CONCRETE



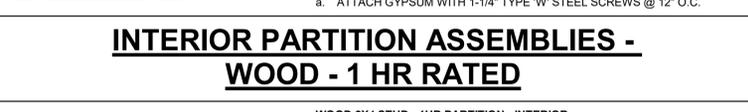
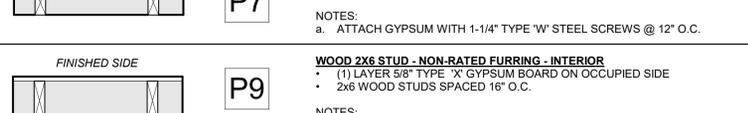
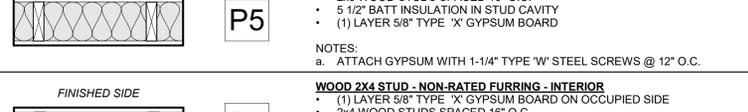
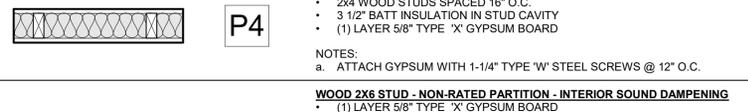
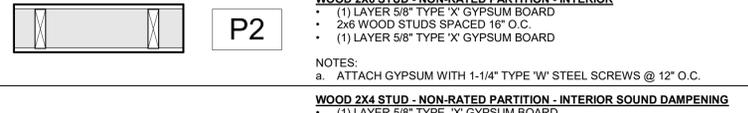
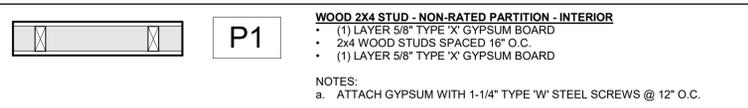
INTERIOR BARRIER ASSEMBLIES - WOOD - 2 HR RATED



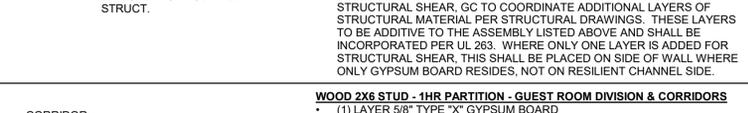
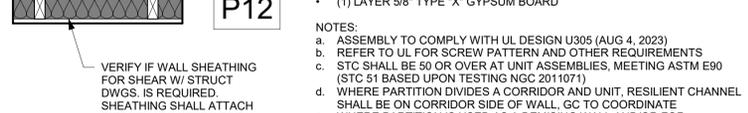
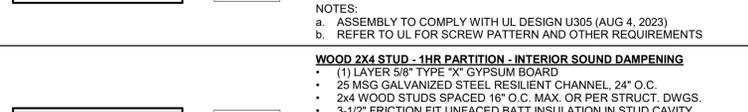
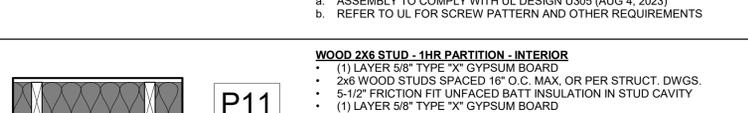
EXTERIOR PARTITION ASSEMBLIES - WOOD - NON RATED



INTERIOR PARTITION ASSEMBLIES - WOOD - NON RATED

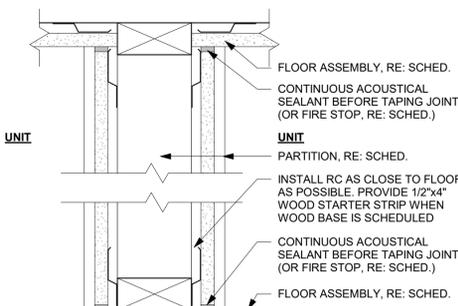
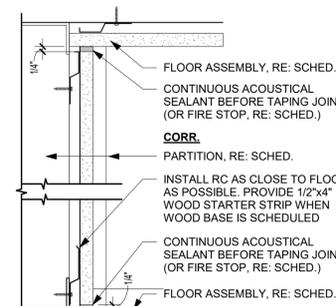


INTERIOR PARTITION ASSEMBLIES - WOOD - 1 HR RATED



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.



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HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
PARTITION ASSEMBLIES

PROJECT NUMBER: 22023

SHEET NUMBER:

G-102

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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

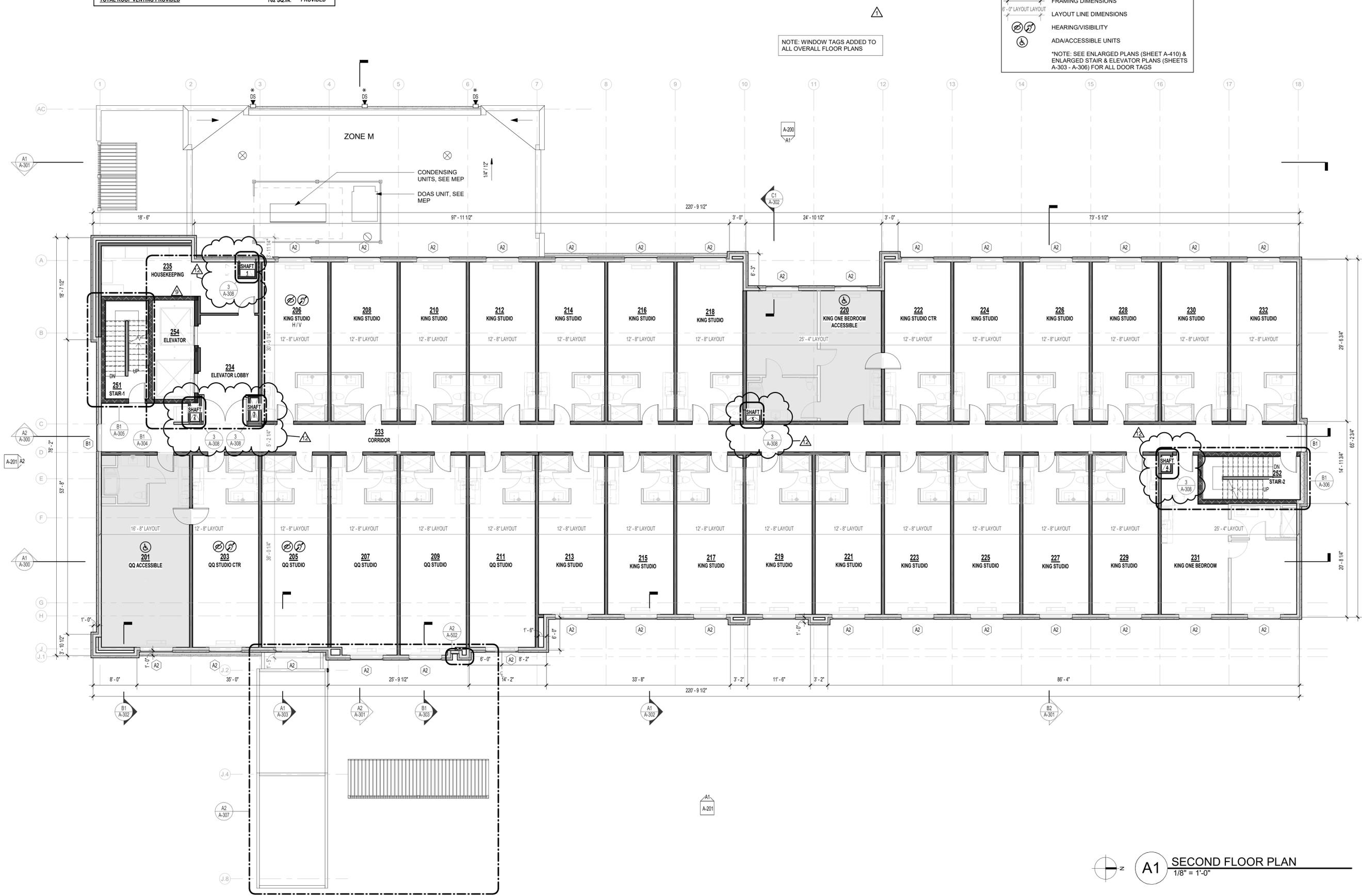
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NOTE: WINDOW TAGS ADDED TO ALL OVERALL FLOOR PLANS

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"

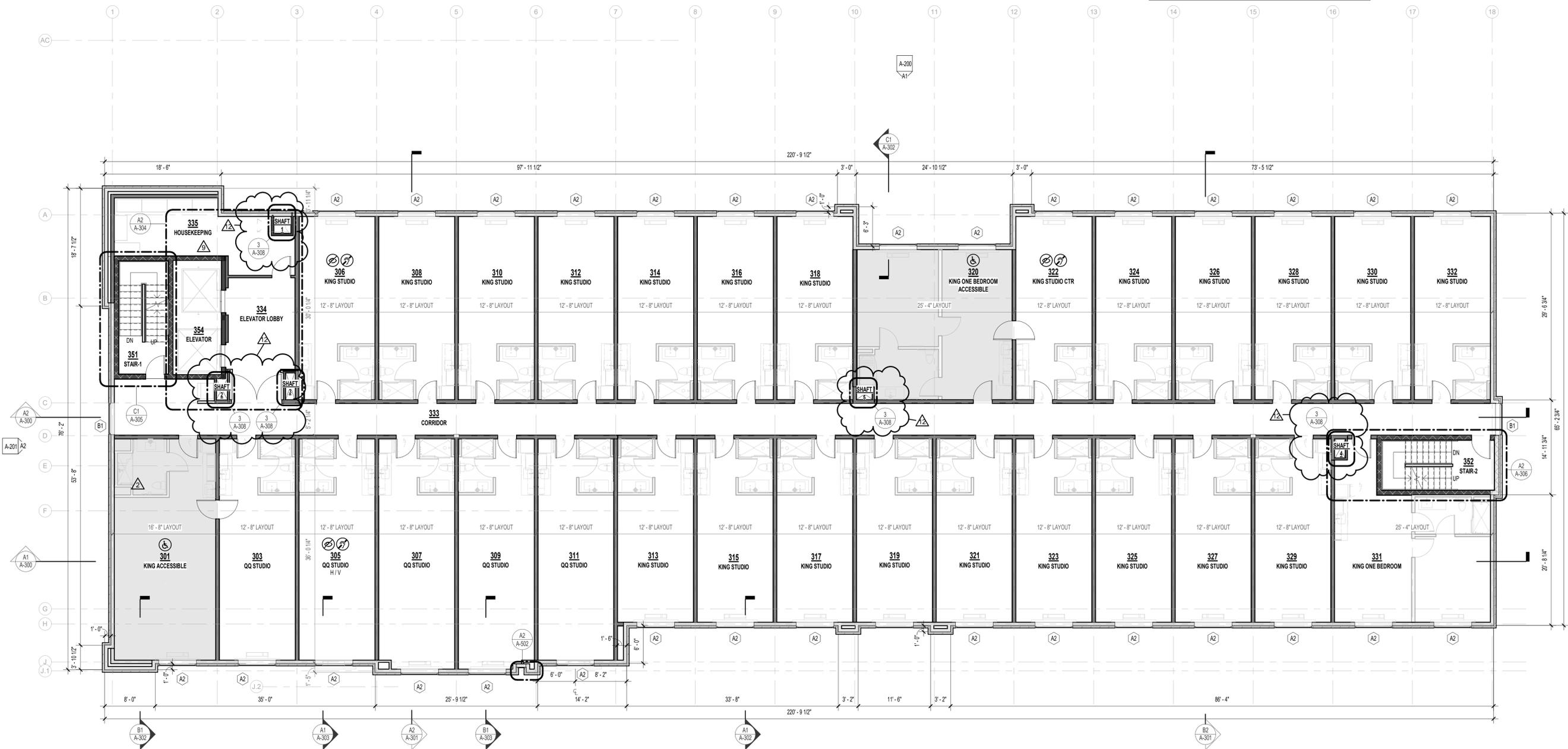
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Title: A-102

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



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1 05/17/2024 CITY RESPONSE
2 06/14/2024 CITY & BRAND RESPONSE
9 06/05/2025 ASI #2.6
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LEE'S SUMMIT, MO

SHEET TITLE
THIRD FLOOR PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

A-103

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

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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/ACCESSIBILITY 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

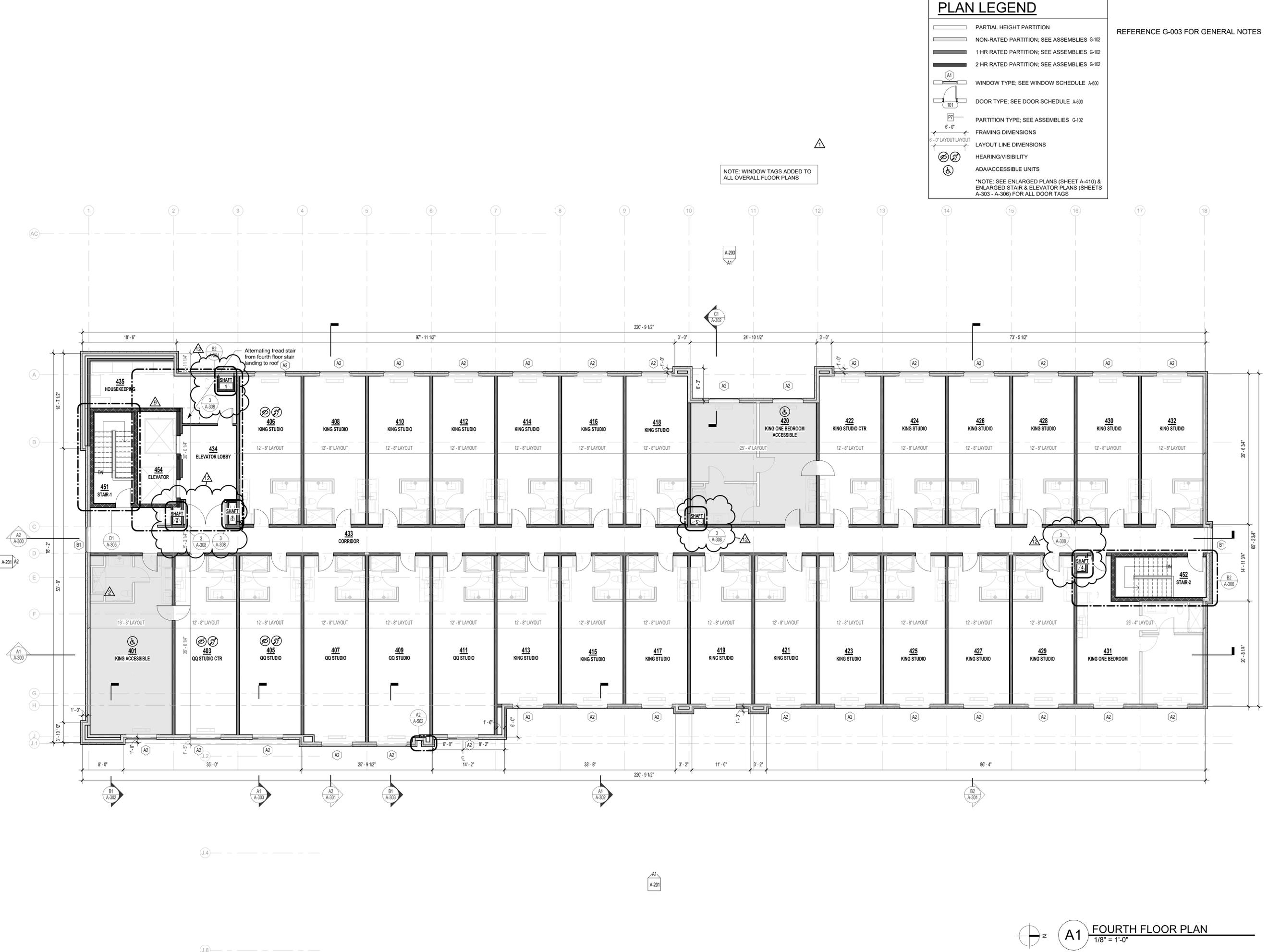
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1 05/17/2024 CITY RESPONSE
2 06/14/2024 CITY & BRAND RESPONSE
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HOMER SUITES BY HILTON

LEES SUMMIT, MO

SHEET TITLE
FOURTH FLOOR PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

A-104

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

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