# 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

## 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-401 | A-501 | A-702 |
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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.

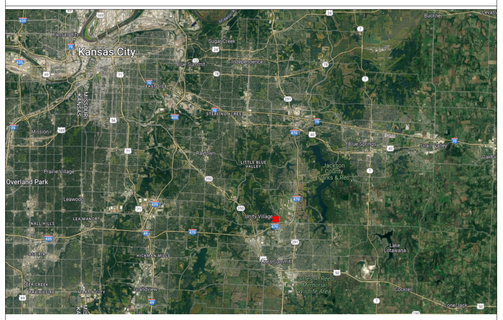
SEAL

STATE OF MISSOURI
DAVID EUGENE HENDRIKSE
NUMBER A-7305
REGISTERED ARCHITECT

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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CIVIL UNDER SEPARATE REVIEW, REFERENCE FDP

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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
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 |
| CEILINGS 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

HI/VI UNITS 2
(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 | 600 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

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| ■ | 04/17/24 | PS104 | SANITARY SEWER PLAN - FOURTH FLOOR | 2 | 06/14/2024 |
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| ■ | 04/17/24 | PW104 | WATER & GAS PLAN - FOURTH FLOOR | 2 | 06/14/2024 |
| ■ | 04/17/24 | P501 | PLUMBING DETAILS | | |
| ■ | 04/17/24 | P601 | PLUMBING SCHEDULES | 2 | 06/14/2024 |

SOLID FILL INDICATES INCLUSION IN ISSUE
SHEET ISSUE DATE

■ | 10 / 10/ 2024 | A-000 SHEET NAME | - | 10 / 10/ 2024

SHEET NUMBER AND NAME
CURRENT REVISION NUMBER & REVISION DATE ON SHEET

**SHEET INDEX LEGEND**

## PROJECT TEAM

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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:
G-001

| STRUCTURAL WALL SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW) | | | | | |
|---|---|---|---|---|---|
| Location | Wall stud size and number of plies @ 16" o.c. U.N.O. on plan | | | | SHEATHING & FASTENING U.N.O. (See Note 4) |
| | Level 1 | Level 2 | Level 3 | Level 4 | |
| EXTERIOR | (2) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 15/32" Structural wood sheathing fastened w/ 10d nails. 6" o.c. edge fastening, 12" o.c. field fastening |
| BETWEEN UNITS | (2) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge fastening, 7" o.c. field fastening |
| CORRIDOR | (1) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge fastening, 7" o.c. field fastening |

Notes:
1. Sill plates at foundation to be fastened w/ 5/8"Ø x 5-1/2" Hilti KH EZ @ 48" o.c. U.N.O.
2. Sill plate connections shall have a 3"x3" steel plate washer at each anchor bolt on shear walls only.
3. Top and bottom plates at all other levels to be fastened w/ (2) 16d nails @ 16" o.c. U.N.O.
4. Shear walls shall be sheathed and fastened per Shear Wall Schedule
5. Non-structural walls not shown, refer to architectural drawings.
6. All top plates are to be continuous. Splice per 3/S531

**FRAMING PLAN LEGEND**

- CMU WALL
- BLOCKED DIAPHRAGM AREAS
- GT GIRDER TRUSS
- SHEAR WALL

MAX. SHEAR REACTION (ASD) (IF EXCEEDS DESIGN REACTION SCHEDULE ON S002) — #k

BEAM SHAPE — W##X##

MAX. SHEAR REACTION (ASD) (IF EXCEEDS DESIGN REACTION SCHEDULE ON S002) — #k

BEAM ANNOTATION LEGEND

PRINTS ISSUED
04/17/2024 - CITY SUBMISSION

REVISIONS:
1 05/17/2024 CITY RESPONSE
2 06/14/2024 CITY & BRAND RESPONSE


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Columbia, MO 65203
P 573-814-1568



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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

STATE OF MISSOURI
CELESTE KAY SPICKERT
NUMBER PE-2008002213
PROFESSIONAL ENGINEER

06/14/2024
Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024

# HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
LEVEL 2 FRAMING PLAN

PROJECT NUMBER: 2023000333

SHEET NUMBER:

# S101

| LVL BEAM SCHEDULE | |
|---|---|
| MARK | DESCRIPTION |
| B3 | (3) 1 3/4" X 11 7/8" LVL |

Notes:
1. All beams shall be stress class 2.0E-2500F LVL.

| TYPICAL WALL HEADER SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Header Type | Header | Kings/Jacks | | | | | | | |
| | | Level 1 | | Level 2 | | Level 3 | | Level 4 | |
| (A) | (3) 2x8 | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J |
| (B) | (3) 2x10 | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J |
| (C) | (3) 1 3/4"x11 7/8" LVL | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J |
| | | | | | | | | | |
| (HA) | (3) 2x10 | (3) 2x6 K | (2) 2x6 J | | | | | | |
| (HB) | (3) 1 3/4"x11 7/8" LVL | (1) 2x6 K | (2) 2x6 J | | | | | | |

(X) = Header Type

Notes:
1. See 5/S531 for typical opening framing.
2. Coordinate all dimensions and elevations with architectural drawings.
3. Provide double sills below windows at openings greater than 6'-0" in length.
4. All LVL shall be stress class 2.0E-2500F.
5. All Glulam shall be stress class 24F-1.8E.

LEVEL 2 PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN BENCHMARK ELEVATION. FOR REFERENCE ELEVATION, SEE BELOW (VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS).
   - LEVEL 2 T.O. SHEATHING: 113'-3" U.N.O.
   - LEVEL 2 T.O. STEEL 112'-11 1/4" U.N.O.
2. FLOOR SHEATHING: 3/4" STRUCTURAL GRADE PLYWOOD. FASTEN TO FRAMING W/ 10d COMMON NAILS SPACED 6" O.C. AT EDGES, 12" O.C. WITHIN FIELD.
3. ROOF SHEATHING: 3/4" STRUCTURAL GRADE PLYWOOD FASTENED TO FRAMING W/ 10d COMMON NAILS SPACED 6" O.C. AT EDGES, 12" O.C. WITHIN FIELD. SHEATHING IS TO BE TOPPED WITH SLOPED RIGID INSULATION PER ARCH.
4. PLUMBING FIXTURES, SHAFTS, AND FLOOR DRAINS ARE TO BE COORDINATED W/ ARCH. & MEP DRAWINGS.
5. SEE ARCHITECTURAL FLOOR PLAN FOR NON-BEARING WALL, DOOR, AND WINDOW LOCATIONS.
6. FLOOR PLAN SHOWS FRAMING FOR THE FLOOR INDICATED & VERTICAL FRAMING (WALLS, OPENING, POSTS, COLUMNS) SUPPORTING THAT FLOOR.
7. SEE ARCHITECTURAL DRAWINGS FOR ALL RAILING DETAILS. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
8. REFER TO MANUFACTURER'S GUIDELINES FOR INSTALLATION OF STRAP TIES, HOLD DOWNS & OTHER CONNECTIONS.
9. ALL EXTERIOR LUMBER (POSTS, BEAMS, DECKING, ETC.) TO BE TREATED.
10. WOOD FLOOR TRUSSES TO BE DESIGNED BY OTHERS AND ARE SHOWN FOR THE INTENT OF SPAN DIRECTION AND LOAD PATH ONLY. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
11. TRUSS MANUFACTURER TO DESIGN & PROVIDE GIRDER TRUSSES AT ALL FLOOR OPENINGS & SPECIFY HANGERS FOR GIRDERS & SUPPORTED FRAMING.
12. REFER TO ARCHITECTURAL PLANS FOR STAIR DIMENSIONS AND REQUIREMENTS.
13. T.O.S. FOR BEAMS SUPPORTED WOOD FLOOR FRAMING TO BE 3" BELOW UNDERSIDE OF SUB FLOOR, W/ (2) 2X WOOD PLATES ON TOP (RIPPED TO WIDTH OF BEAM). FASTEN LOWER PLATE TO STEEL BEAM W/(2) HILTI X-U PAFS @ 8" O.C. STAGGERED
14. 14. ALL STEEL BEAM CONNECTIONS SHALL BE DESIGNED FOR FORCES SHOWN ON MIN DESIGN REACTION SCHEDULE ON S002 UNLESS NOTED ON PLAN.

1 S101 LEVEL 2 FRAMING PLAN
1/8" = 1'-0"


6/14/2024 2:11:29 AM
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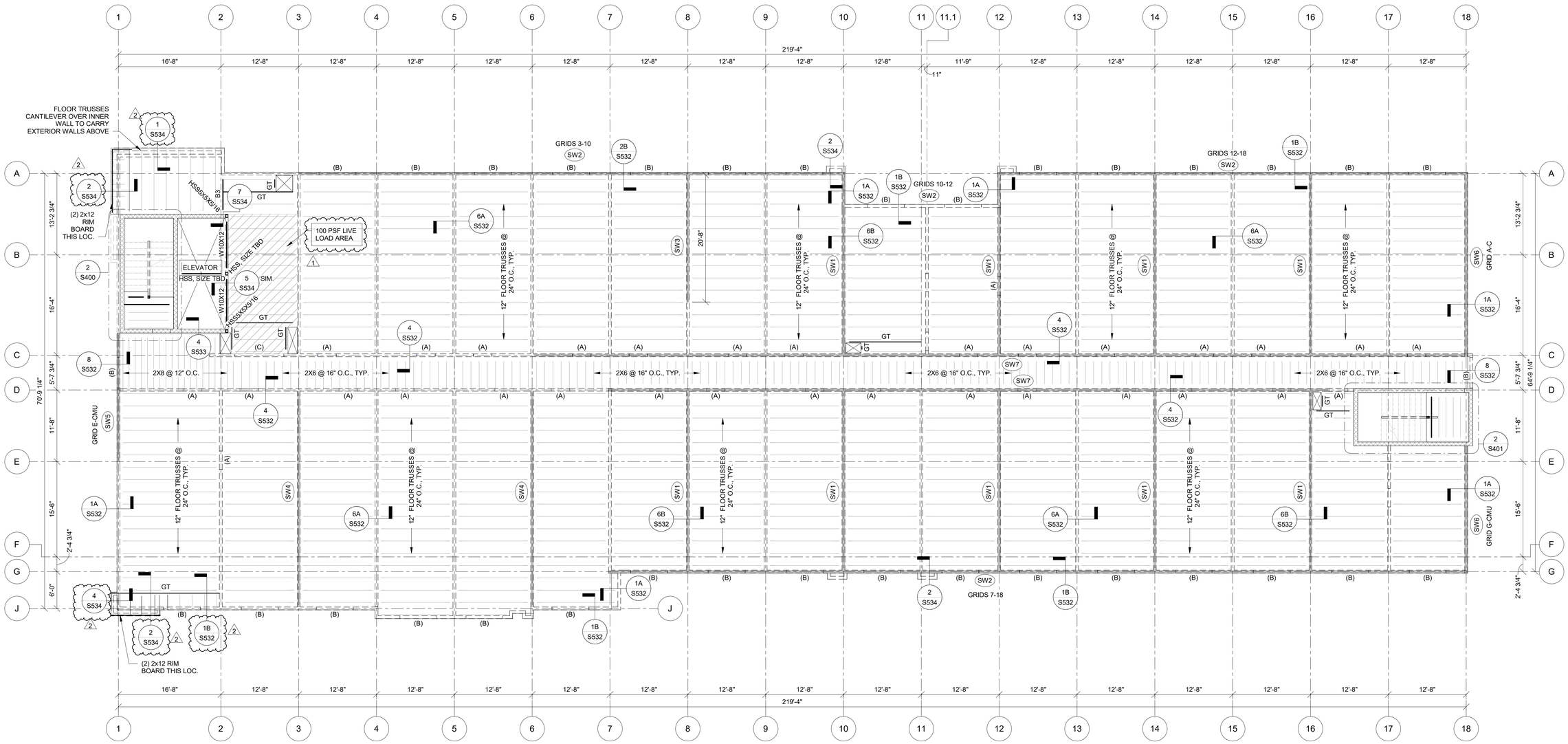
**FRAMING PLAN LEGEND**

- CMU WALL
- BLOCKED DIAPHRAGM AREAS
- GT GIRDER TRUSS
- SHEAR WALL




| STRUCTURAL WALL SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW) | | | | | |
|---|---|---|---|---|---|
| Location | Wall stud size and number of plies @ 16" o.c. U.N.O. on plan | | | | SHEATHING & FASTENING U.N.O. (See Note 4) |
| | Level 1 | Level 2 | Level 3 | Level 4 | |
| EXTERIOR | (2) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 15/32" Structural wood sheathing fastened w/ 10d nails. 6" o.c. edge fastening, 12" o.c. field fastening |
| BETWEEN UNITS | (2) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge fastening, 7" o.c. field fastening |
| CORRIDOR | (1) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge fastening, 7" o.c. field fastening |

Notes:
1. Sill plates at foundation to be fastened w/ 5/8"Ø x 5-1/2" Hilti KH EZ @ 48" o.c. U.N.O.
2. Sill plate connections shall have a 3"x3" steel plate washer at each anchor bolt on shear walls only.
3. Top and bottom plates at all other levels to be fastened w/ (2) 16d nails @ 16" o.c. U.N.O.
4. Shear walls shall be sheathed and fastened per Shear Wall Schedule
5. Non-structural walls not shown, refer to architectural drawings.
6. All top plates are to be continuous. Splice per 3/S531

| TYPICAL WALL HEADER SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Header Type | Header | Kings/Jacks | | | | | | | |
| | | Level 1 | | Level 2 | | Level 3 | | Level 4 | |
| (A) | (3) 2x8 | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J |
| (B) | (3) 2x10 | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J |
| (C) | (3) 1 3/4"x11 7/8" LVL | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J |
| | | | | | | | | | |
| (HA) | (3) 2x10 | (3) 2x6 K | (2) 2x6 J | | | | | | |
| (HB) | (3) 1 3/4"x11 7/8" LVL | (1) 2x6 K | (2) 2x6 J | | | | | | |

(X) = Header Type

Notes:
1. See 5/S531 for typical opening framing.
2. Coordinate all dimensions and elevations with architectural drawings.
3. Provide double sills below windows at openings greater than 6'-0" in length.
4. All LVL shall be stress class 2.0E-2500F.
5. All Glulam shall be stress class 24F-1.8E.

LEVEL 3 PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN BENCHMARK ELEVATION. FOR REFERENCE ELEVATION, SEE BELOW (VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.).
   - LEVEL 3 T.O. SHEATHING: 123'-6" U.N.O.
2. FLOOR SHEATHING: 3/4" STRUCTURAL GRADE PLYWOOD. FASTEN TO FRAMING W/ 10d COMMON NAILS SPACED 6" O.C. AT EDGES, 12" O.C. WITHIN FIELD.
3. PLUMBING FIXTURES, SHAFTS, AND FLOOR DRAINS ARE TO BE COORDINATED W/ ARCH. & MEP DRAWINGS.
4. SEE ARCHITECTURAL FLOOR PLAN FOR NON-BEARING WALL, DOOR, AND WINDOW LOCATIONS.
5. FLOOR PLAN SHOWS FRAMING FOR THE FLOOR INDICATED & VERTICAL FRAMING (WALLS, OPENING, POSTS, COLUMNS) SUPPORTING THAT FLOOR.
6. SEE ARCHITECTURAL DRAWINGS FOR ALL RAILING DETAILS. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
7. REFER TO MANUFACTURER'S GUIDELINES FOR INSTALLATION OF STRAP TIES, HOLD DOWNS & OTHER CONNECTIONS.
8. ALL EXTERIOR LUMBER (POSTS, BEAMS, DECKING, ETC.) TO BE TREATED.
9. WOOD FLOOR TRUSSES TO BE DESIGNED BY OTHERS AND ARE SHOWN FOR THE INTENT OF SPAN DIRECTION AND LOAD PATH ONLY. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
10. TRUSS MANUFACTURER TO DESIGN & PROVIDE GIRDER TRUSSES AT ALL FLOOR OPENINGS & SPECIFY HANGERS FOR GIRDERS & SUPPORTED FRAMING.
11. REFER TO ARCHITECTURAL PLANS FOR STAIR DIMENSIONS AND REQUIREMENTS. REFER TO STRUCTURAL GENERAL NOTES FOR STAIR DESIGN CRITERIA.

1 / S102 LEVEL 3 FRAMING PLAN
1/8" = 1'-0"

PRINTS ISSUED
04/17/2024 - CITY SUBMISSION

REVISIONS:
1 05/17/2024 CITY RESPONSE
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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

STATE OF MISSOURI
CELESTE KAY SPICKERT
NUMBER PE-2008002213
PROFESSIONAL ENGINEER

06/14/2024
Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024

# HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
LEVEL 3 FRAMING PLAN

PROJECT NUMBER: 2023000333

SHEET NUMBER:

# S102


6/14/2024 2:11:33 AM
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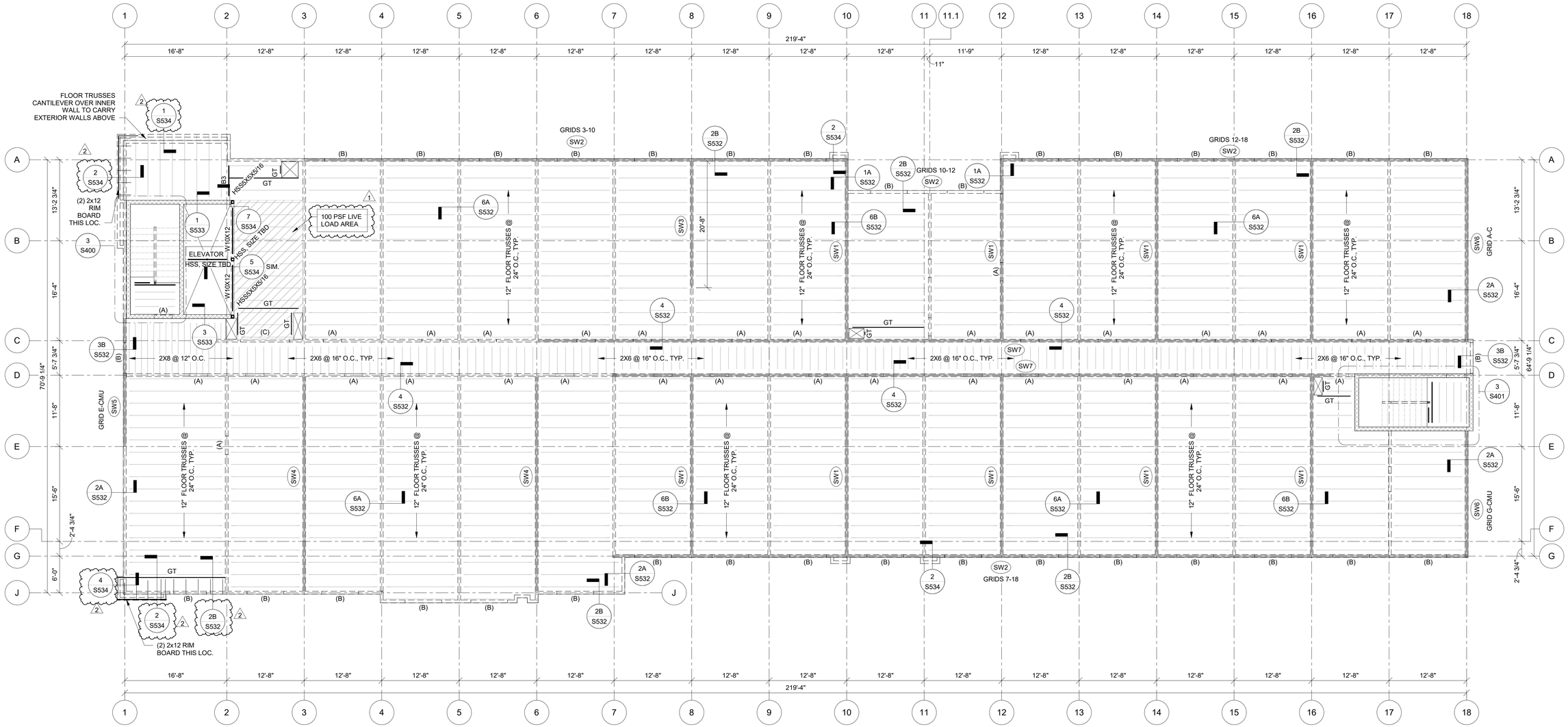
**FRAMING PLAN LEGEND**

- CMU WALL
- BLOCKED DIAPHRAGM AREAS
- GT — GIRDER TRUSS
- SHEAR WALL




| STRUCTURAL WALL SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW) | | | | | |
|---|---|---|---|---|---|
| Location | Wall stud size and number of plies @ 16" o.c. U.N.O. on plan | | | | SHEATHING & FASTENING U.N.O. (See Note 4) |
| | Level 1 | Level 2 | Level 3 | Level 4 | |
| EXTERIOR | (2) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 15/32" Structural wood sheathing fastened w/ 10d nails. 6" o.c. edge fastening, 12" o.c. field fastening |
| BETWEEN UNITS | (2) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge fastening, 7" o.c. field fastening |
| CORRIDOR | (1) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge fastening, 7" o.c. field fastening |

Notes:
1. Sill plates at foundation to be fastened w/ 5/8"Ø x 5-1/2" Hilti KH EZ @ 48" o.c. U.N.O.
2. Sill plate connections shall have a 3"x3" steel plate washer at each anchor bolt on shear walls only.
3. Top and bottom plates at all other levels to be fastened w/ (2) 16d nails @ 16" o.c. U.N.O.
4. Shear walls shall be sheathed and fastened per Shear Wall Schedule
5. Non-structural walls not shown, refer to architectural drawings.
6. All top plates are to be continuous. Splice per 3/S531

| TYPICAL WALL HEADER SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Header Type | Header | Kings/Jacks | | | | | | | |
| | | Level 1 | | Level 2 | | Level 3 | | Level 4 | |
| (A) | (3) 2x8 | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J |
| (B) | (3) 2x10 | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J |
| (C) | (3) 1 3/4"x11 7/8" LVL | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J |
| | | | | | | | | | |
| (HA) | (3) 2x10 | (3) 2x6 K | (2) 2x6 J | | | | | | |
| (HB) | (3) 1 3/4"x11 7/8" LVL | (1) 2x6 K | (2) 2x6 J | | | | | | |

(X) = Header Type

Notes:
1. See 5/S531 for typical opening framing.
2. Coordinate all dimensions and elevations with architectural drawings.
3. Provide double sills below windows at openings greater than 6'-0" in length.
4. All LVL shall be stress class 2.0E-2500F.
5. All Glulam shall be stress class 24F-1.8E.

LEVEL 4 PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN BENCHMARK ELEVATION. FOR REFERENCE ELEVATION, SEE BELOW (VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.).
   - LEVEL 4 T.O. SHEATHING: 133'-9" U.N.O.
2. FLOOR SHEATHING IS TO BE 3/4" STRUCTURAL GRADE PLYWOOD. FASTEN TO FRAMING W/ 10d COMMON NAILS SPACED 6" O.C. AT EDGES, 12" O.C. WITHIN FIELD.
3. PLUMBING FIXTURES, SHAFTS, AND FLOOR DRAINS ARE TO BE COORDINATED W/ ARCH. & MEP DRAWINGS.
4. ALL EXTERIOR AND INTERIOR LOAD BEARING WALLS ARE PER WALL SCHEDULE ON SHEET S004. SEE ARCHITECTURAL FLOOR PLAN FOR NON-BEARING WALL, DOOR, AND WINDOW LOCATIONS.
5. FLOOR PLAN SHOWS FRAMING FOR THE FLOOR INDICATED & VERTICAL FRAMING (WALLS, OPENING, POSTS, COLUMNS) SUPPORTING THAT FLOOR.
6. SEE ARCHITECTURAL DRAWINGS FOR ALL RAILING DETAILS. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
7. REFER TO MANUFACTURER'S GUIDELINES FOR INSTALLATION OF STRAP TIES, HOLD DOWNS & OTHER CONNECTIONS.
8. ALL EXTERIOR LUMBER (POSTS, BEAMS, DECKING, ETC.) TO BE TREATED.
9. WOOD FLOOR TRUSSES TO BE DESIGNED BY OTHERS AND ARE SHOWN FOR THE INTENT OF SPAN DIRECTION AND LOAD PATH ONLY. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
10. TRUSS MANUFACTURER TO DESIGN & PROVIDE GIRDER TRUSSES AT ALL FLOOR OPENINGS & SPECIFY HANGERS FOR GIRDERS & SUPPORTED FRAMING.
11. REFER TO ARCHITECTURAL PLANS FOR STAIR DIMENSIONS AND REQUIREMENTS. REFER TO STRUCTURAL GENERAL NOTES FOR STAIR DESIGN CRITERIA.

1 / S103 LEVEL 4 FRAMING PLAN
1/8" = 1'-0"

PRINTS ISSUED
04/17/2024 - CITY SUBMISSION

REVISIONS:
1 05/17/2024 CITY RESPONSE
2 06/14/2024 CITY & BRAND RESPONSE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MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

STATE OF MISSOURI
CELESTE KAY SPICKERT
NUMBER PE-2008002213
PROFESSIONAL ENGINEER

06/14/2024
Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024

# HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
LEVEL 4 FRAMING PLAN

PROJECT NUMBER: 2023000333

SHEET NUMBER:

# S103


6/14/2024 2:11:07 AM
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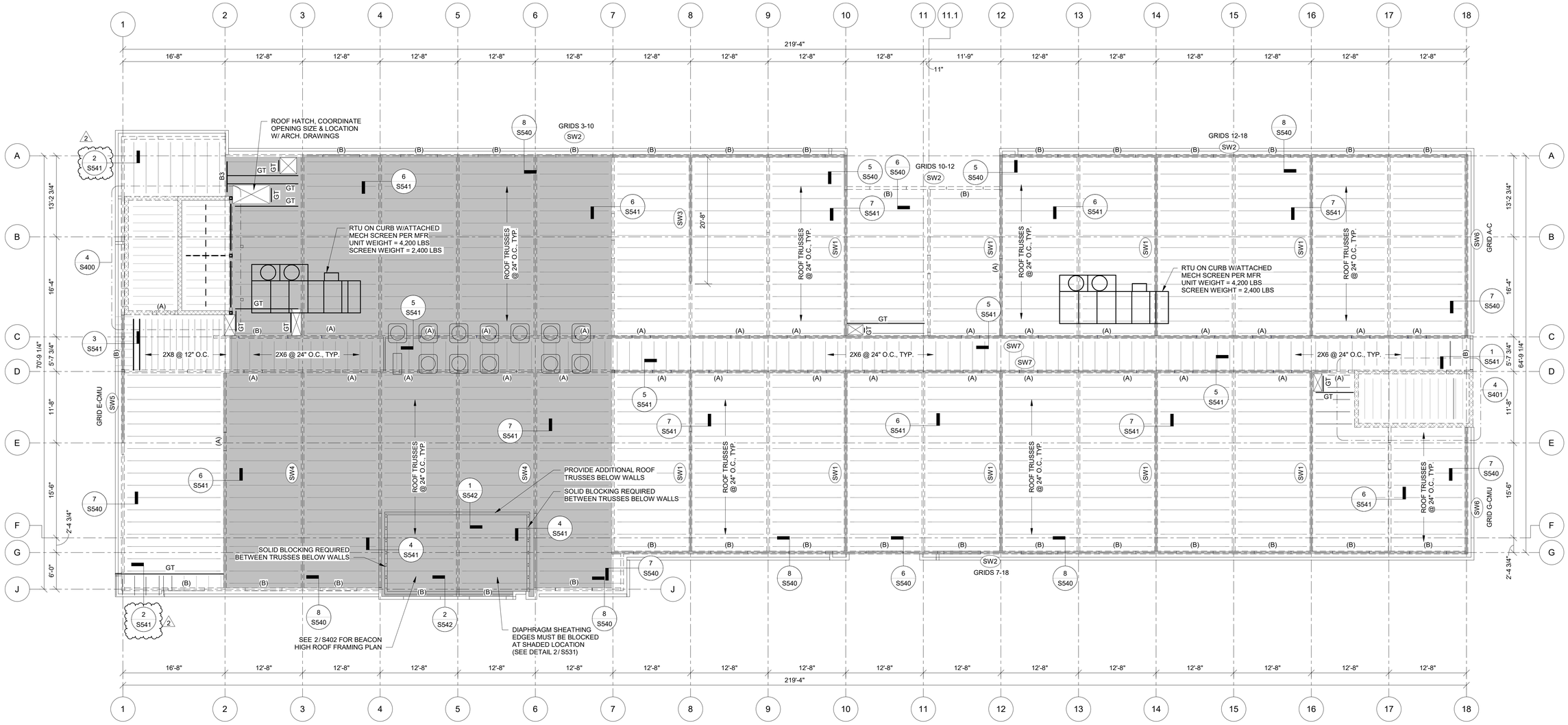
**FRAMING PLAN LEGEND**

- CMU WALL
- BLOCKED DIAPHRAGM AREAS
- GT — GIRDER TRUSS
- SHEAR WALL




| STRUCTURAL WALL SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW) | | | | | |
|---|---|---|---|---|---|
| Location | Wall stud size and number of plies @ 16" o.c. U.N.O. on plan | | | | SHEATHING & FASTENING U.N.O. (See Note 4) |
| | Level 1 | Level 2 | Level 3 | Level 4 | |
| EXTERIOR | (2) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 15/32" Structural wood sheathing fastened w/ 10d nails. 6" o.c. edge fastening, 12" o.c. field fastening |
| BETWEEN UNITS | (2) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge fastening, 7" o.c. field fastening |
| CORRIDOR | (1) 2x6 | (1) 2x6 | (1) 2x6 | (1) 2x6 | 5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge fastening, 7" o.c. field fastening |

Notes:
1. Sill plates at foundation to be fastened w/ 5/8"Ø x 5-1/2" Hilti KH EZ @ 48" o.c. U.N.O.
2. Sill plate connections shall have a 3"x3" steel plate washer at each anchor bolt on shear walls only.
3. Top and bottom plates at all other levels to be fastened w/ (2) 16d nails @ 16" o.c. U.N.O.
4. Shear walls shall be sheathed and fastened per Shear Wall Schedule
5. Non-structural walls not shown, refer to architectural drawings.
6. All top plates are to be continuous. Splice per 3/S531

| TYPICAL WALL HEADER SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Header Type | Header | Kings/Jacks | | | | | | | | |
| | | Level 1 | | Level 2 | | Level 3 | | Level 4 | | |
| (A) | (3) 2x8 | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | |
| (B) | (3) 2x10 | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | |
| (C) | (3) 1 3/4"x11 7/8" LVL | (2) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | (1) 2x6 K | (1) 2x6 J | |
| | | | | | | | | | | |
| (HA) | (3) 2x10 | (3) 2x6 K | (2) 2x6 J | | | | | | | |
| (HB) | (3) 1 3/4"x11 7/8" LVL | (1) 2x6 K | (2) 2x6 J | | | | | | | |

(X) = Header Type

Notes:
1. See 5/S531 for typical opening framing.
2. Coordinate all dimensions and elevations with architectural drawings.
3. Provide double sills below windows at openings greater than 6'-0" in length.
4. All LVL shall be stress class 2.0E-2500F.
5. All Glulam shall be stress class 24F-1.8E.

ROOF PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN BENCHMARK ELEVATION. FOR REFERENCE ELEVATION, SEE BELOW (VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.)
   - ROOF TRUSS BEARING 142'-10"
   - T.O. PARAPET 147'-8"
   - T.O. HIGH PARAPET 154'-9"
2. ROOF SHEATHING: 3/4" STRUCTURAL GRADE PLYWOOD FASTENED TO FRAMING W/ 10d COMMON NAILS SPACED 6" O.C. AT EDGES, 12" O.C. WITHIN FIELD. SHEATHING IS TO BE TOPPED WITH SLOPED RIGID INSULATION PER ARCH.
3. RTU PENETRATIONS TO BE COORDINATED W/ ARCH. & MEP DRAWINGS.
4. PARAPET FRAMING TO BE PART OF THE ROOF TRUSSES (DESIGN PER MANUFACTURER).
5. REFER TO MANUFACTURER'S GUIDELINES FOR INSTALLATION OF STRAP TIES, HOLD DOWNS & OTHER CONNECTIONS.
6. ALL EXTERIOR LUMBER (POSTS, BEAMS, DECKING, ETC.) TO BE TREATED.
7. WOOD ROOF TRUSSES (DESIGN PER MANUFACTURER) ARE SHOWN FOR THE INTENT OF SPAN DIRECTION AND LOAD PATH ONLY. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
8. TRUSS MANUFACTURER TO DESIGN & PROVIDE GIRDER TRUSSES AT ALL FLOOR OPENINGS & SPECIFY HANGERS FOR GIRDERS & SUPPORTED FRAMING.
9. VERIFY SPECIFIED ELEVATOR HOIST BEAM AND SUPPORTING FRAMING W/ ELEVATOR MANUFACTURER.
10. REFER TO MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF STRAP TIES, HOLD DOWNS, & OTHER CONNECTIONS.

1 S104 ROOF FRAMING PLAN
1/8" = 1'-0"

6/14/2024 2:11:37 AM
Autodesk Docs://2023000333 - Discovery Park Lee's Summit/2023000333 - Royalmann - Hotel2_R23.rvt

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

STATE OF MISSOURI
CELESTE KAY SPICKERT
NUMBER PE-2008002213
PROFESSIONAL ENGINEER

06/14/2024
Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024

# HOME2 SUITES BY HILTON

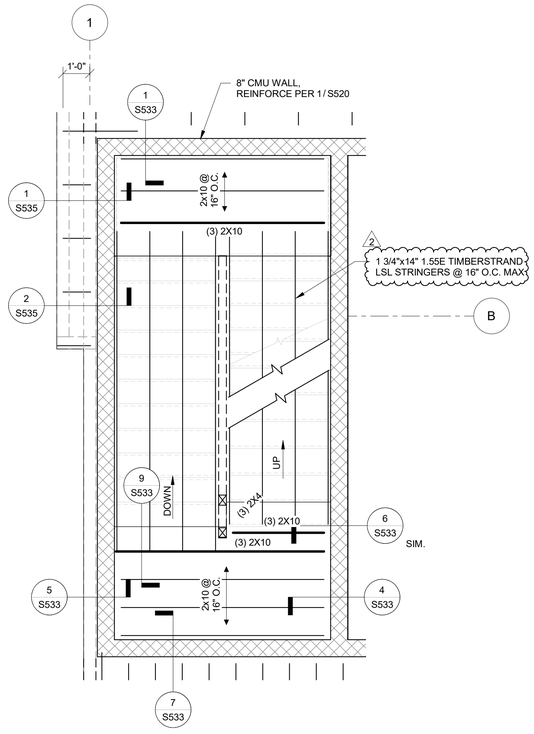
251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
ROOF FRAMING PLAN

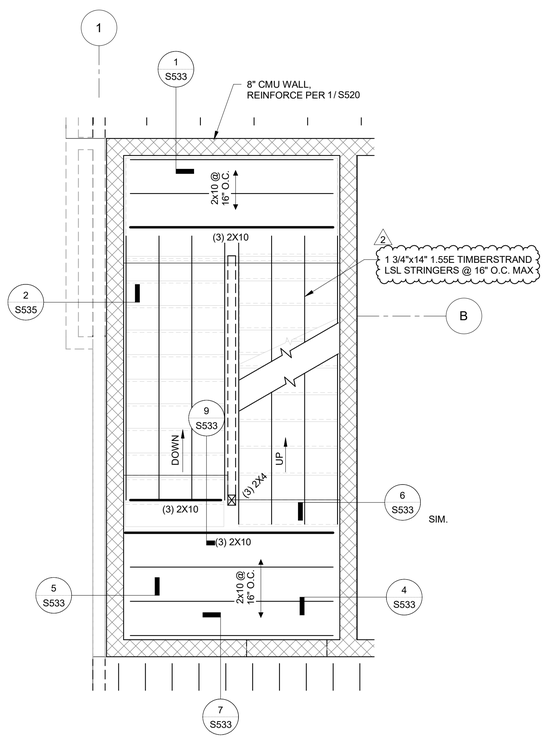
PROJECT NUMBER: 2023000333

SHEET NUMBER:

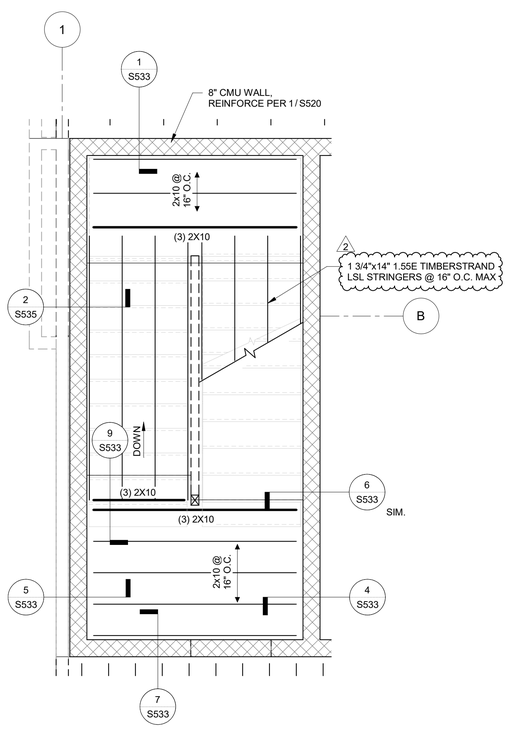
# S104



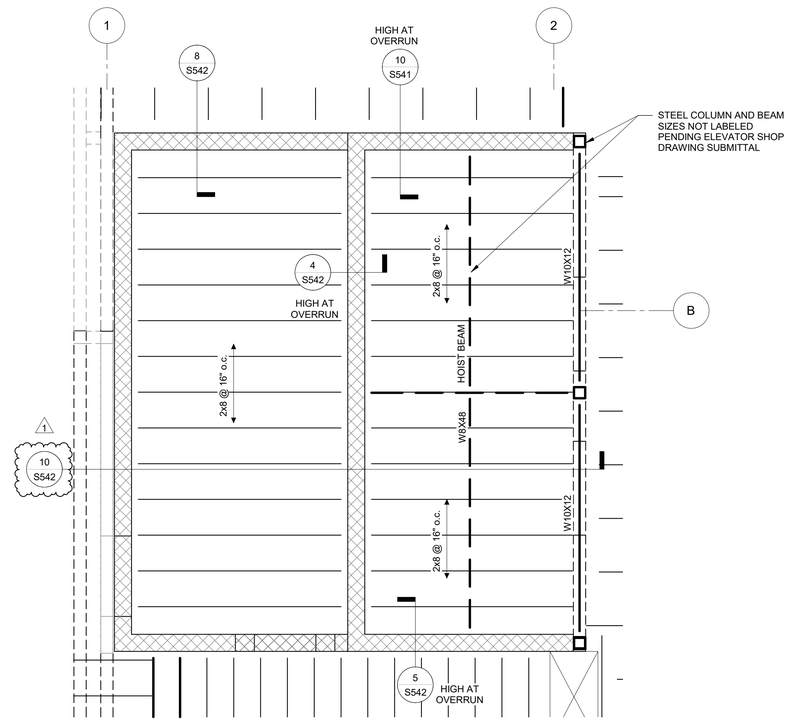

1 S400 LEVEL 2 FRAMING PLAN - WEST STAIR TOWER
3/8" = 1'-0"




2 S400 LEVEL 3 FRAMING PLAN - WEST STAIR TOWER
3/8" = 1'-0"




3 S400 LEVEL 4 FRAMING PLAN - WEST STAIR TOWER
3/8" = 1'-0"




4 S400 ROOF FRAMING PLAN - WEST STAIR TOWER
3/8" = 1'-0"

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CELESTE KAY SPICKERT
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PROFESSIONAL ENGINEER

06/14/2024
Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024

# HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
ENLARGED VIEWS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

# S400

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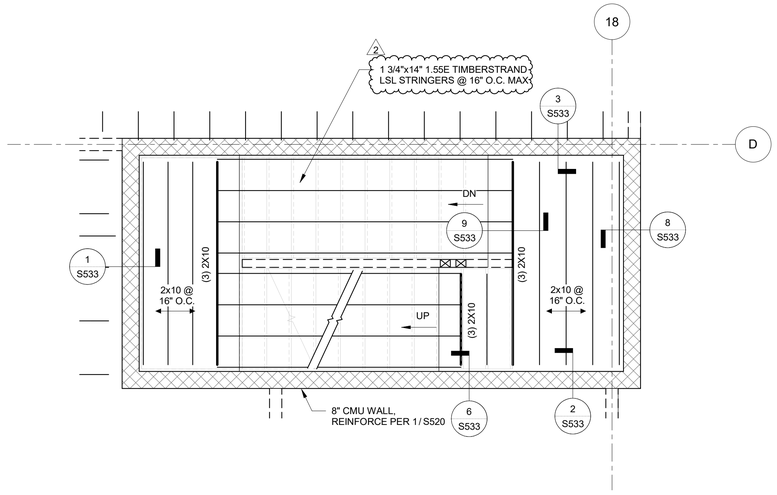
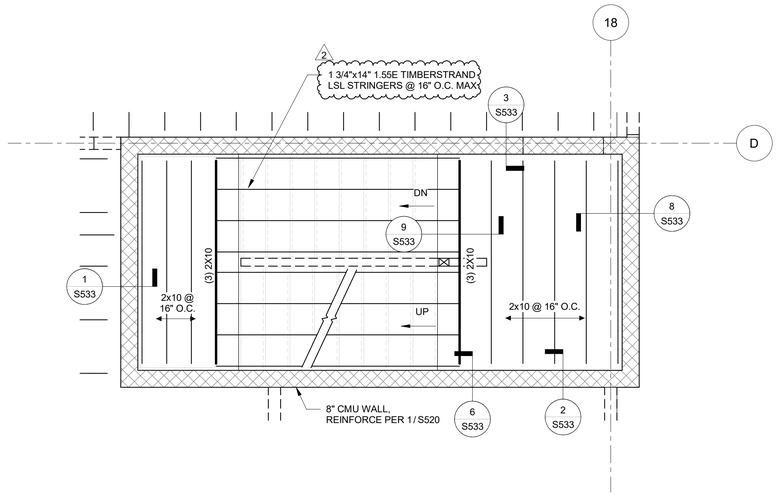
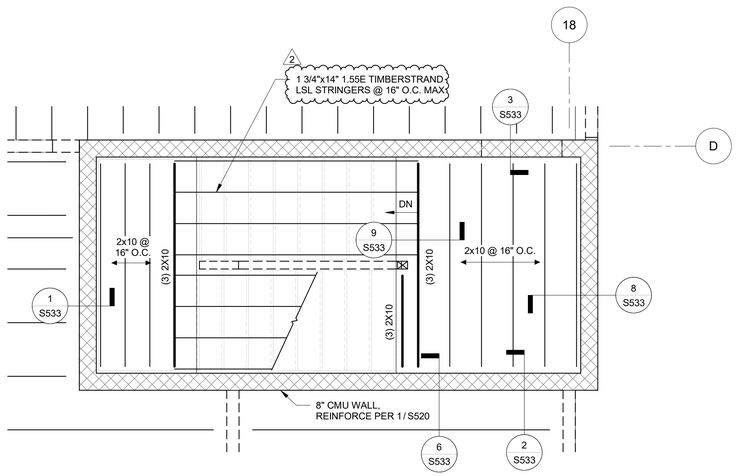


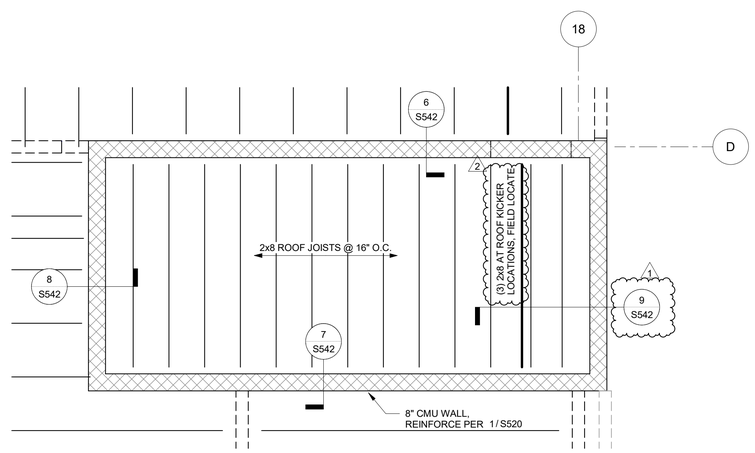

1 S401 LEVEL 2 FRAMING PLAN - EAST STAIR TOWER
3/8" = 1'-0"




2 S401 LEVEL 3 FRAMING PLAN - EAST STAIR TOWER
3/8" = 1'-0"




3 S401 LEVEL 4 FRAMING PLAN - EAST STAIR TOWER
3/8" = 1'-0"




4 S401 ROOF FRAMING PLAN - EAST STAIR TOWER
3/8" = 1'-0"

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STATE OF MISSOURI
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06/14/2024

Celeste Kay Spickert
PE-2008002213
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# HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

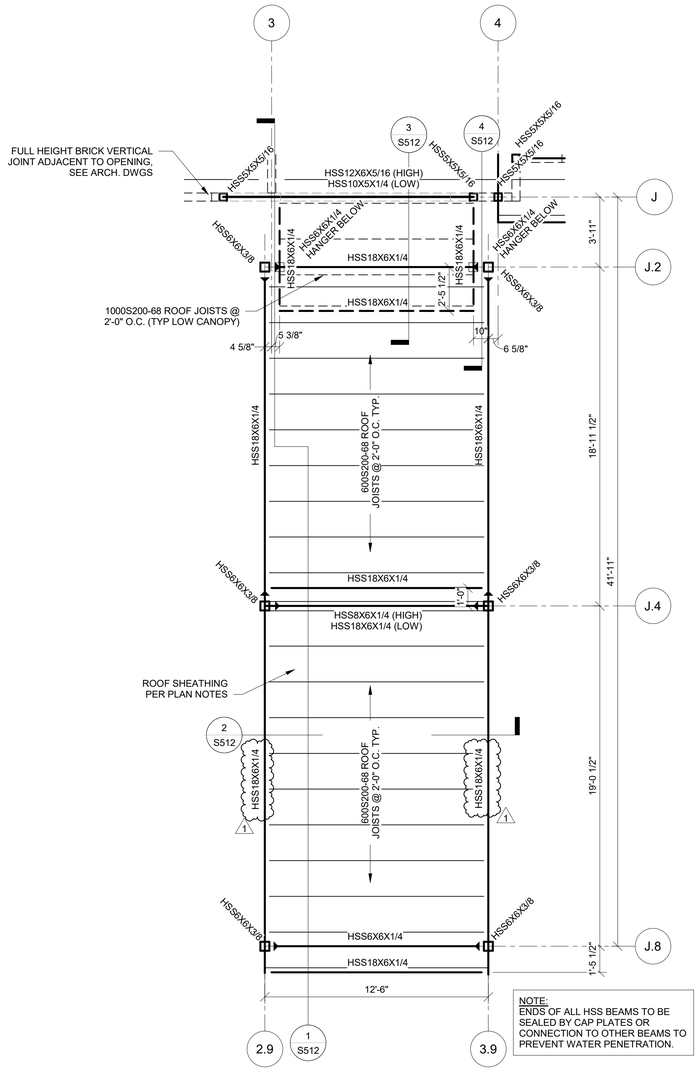
SHEET TITLE
ENLARGED VIEWS

PROJECT NUMBER: 2023000333

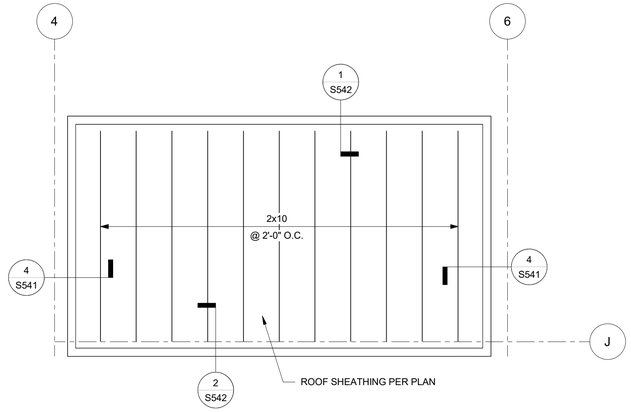
SHEET NUMBER:

# S401

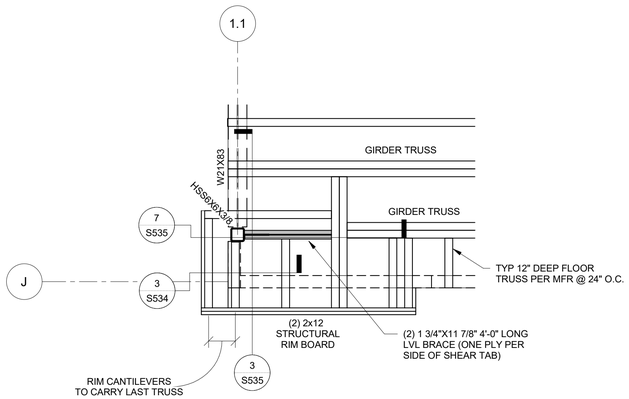
6/14/2024 2:11:43 AM
Autodesk Docs://2023000333 - Discovery Park Lee's Summit/2023000333 - Rosemann - Home2_R23.rvt




1 S402 LEVEL 2 FRAMING PLAN - CANOPY PLAN
1/4" = 1'-0"




2 S402 BEACON ROOF FRAMING PLAN
1/4" = 1'-0"




2 3 S402 LEVEL 2 FRAMING PLAN - ENLARGED
3/8" = 1'-0"

NOTE:
ENDS OF ALL HSS BEAMS TO BE SEALED BY CAP PLATES OR CONNECTION TO OTHER BEAMS TO PREVENT WATER PENETRATION.

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PE-2008002213
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# HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
ENLARGED VIEWS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

# S402


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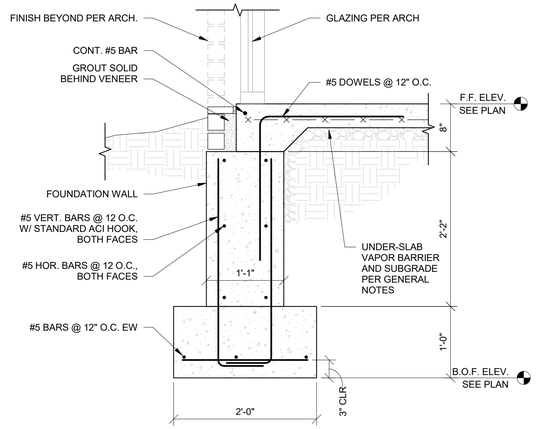
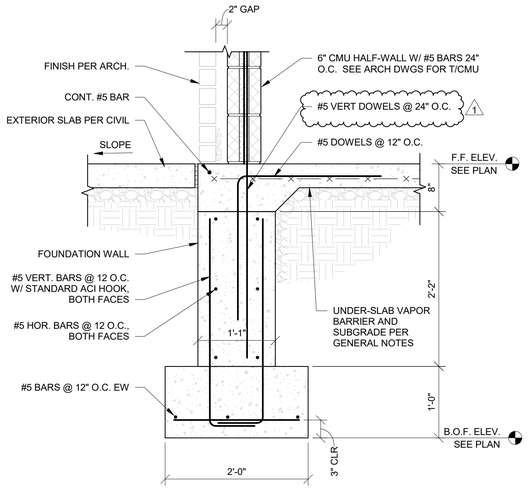
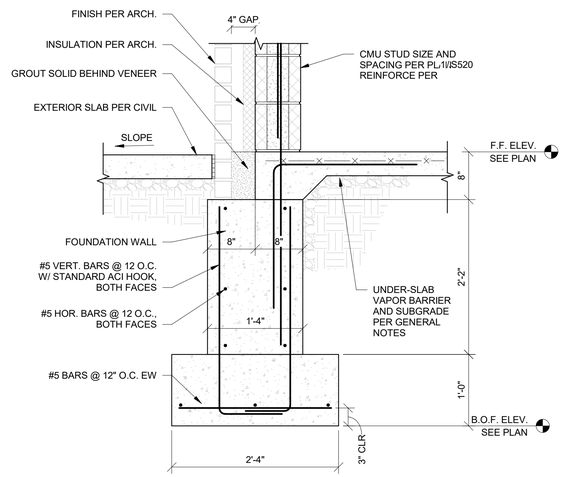


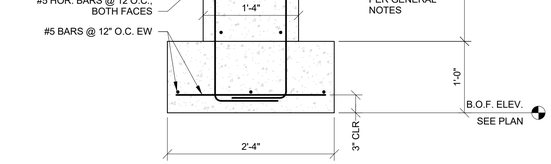

1 S503 FOUNDATION SECTION AT STOREFRONT - NO SIDEWALK
1" = 1'-0"



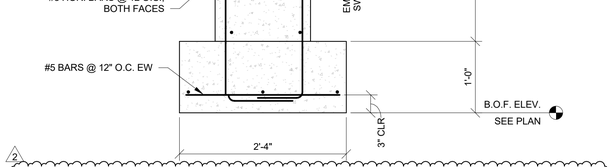

2 S503 SECTION AT EXTERIOR PATIO FOUNDATION WITH CMU HALF-WALL
1" = 1'-0"




3 S503 FOUNDATION SECTION AT CMU WALL
1" = 1'-0"

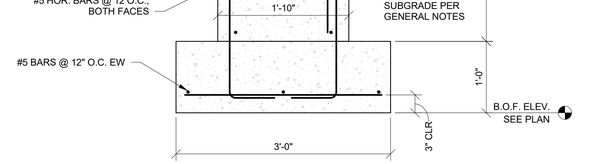



4 S503 TYPICAL SECTION AT EXTERIOR FOUNDATION
1" = 1'-0"

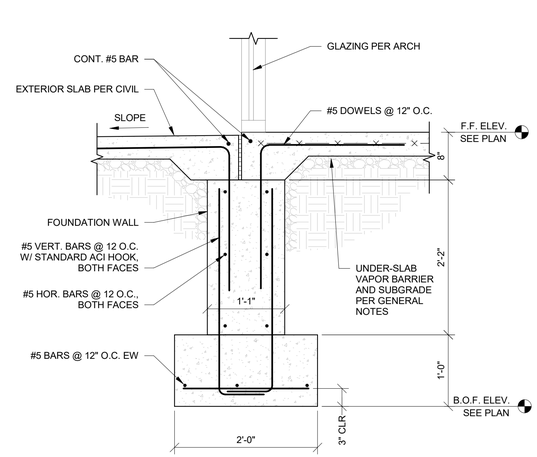



2

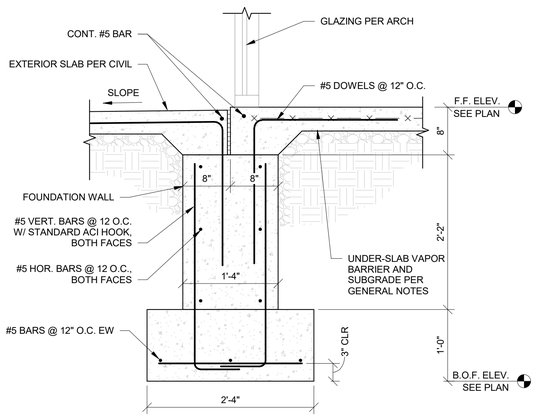
5 S503 SECTION AT SHEAR WALL HOLD DOWN
1" = 1'-0"



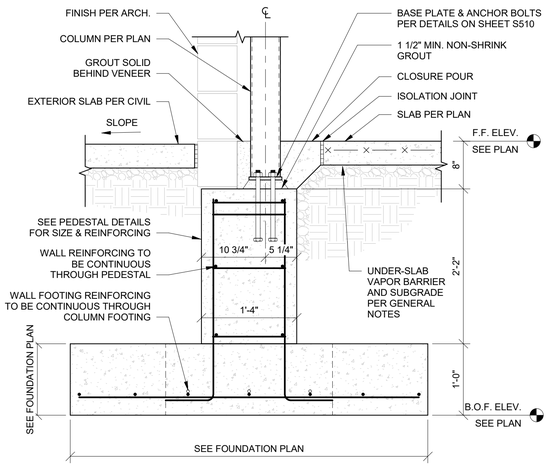

6 S503 EXTERIOR FOUNDATION AT WEST STAIR TOWER
1" = 1'-0"




7A S503 FOUNDATION SECTION AT STOREFRONT
1" = 1'-0"




7B S503 FOUNDATION SECTION AT STOREFRONT
1" = 1'-0"




8 S503 SECTION AT COLUMN PEDESTAL
1" = 1'-0"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STATE OF MISSOURI
CELESTE KAY SPICKERT
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PROFESSIONAL ENGINEER

06/14/2024
Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024

# HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
FOUNDATION DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

# S503


6/14/2024 2:11:49 AM
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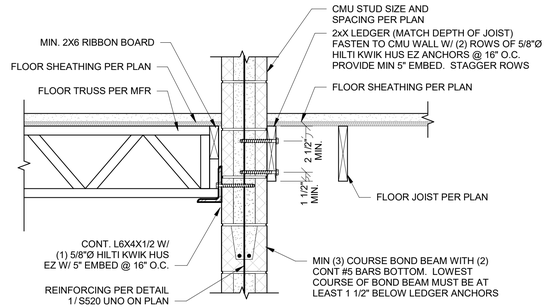
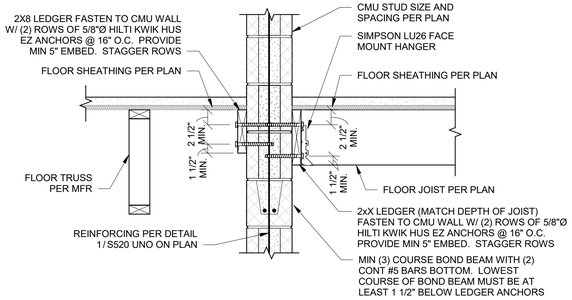
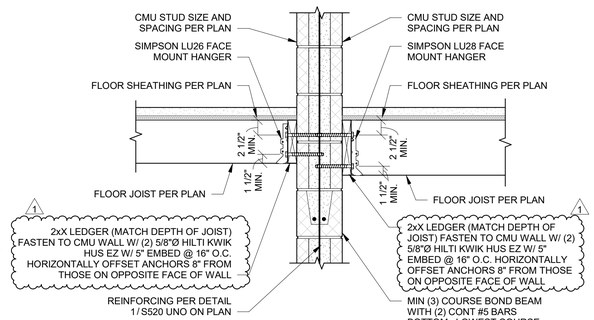


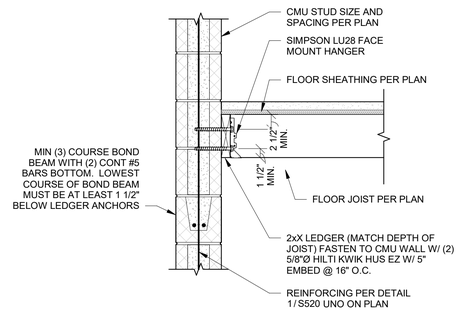

1 S533 FLOOR TRUSS BEARING AT CMU
1" = 1'-0"




2 S533 FLOOR TRUSS PARALLEL AT CMU
1" = 1'-0"




3 S533 FLOOR JOISTS BEARING AT CMU
1" = 1'-0"




4 S533 FLOOR JOIST BEARING AT CMU
1" = 1'-0"

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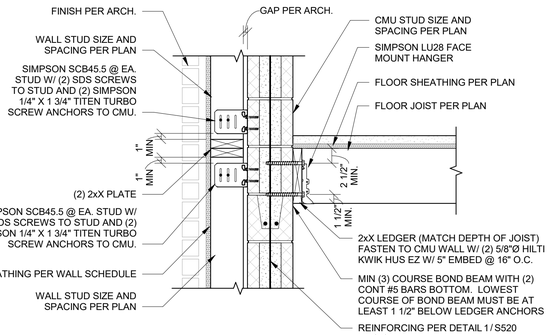
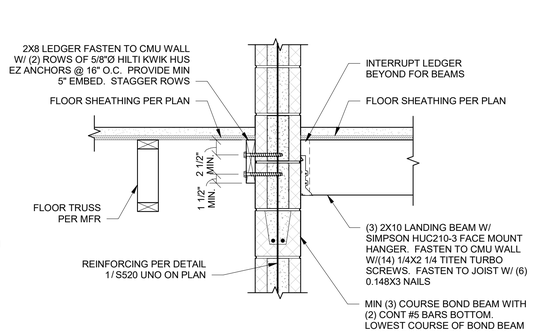
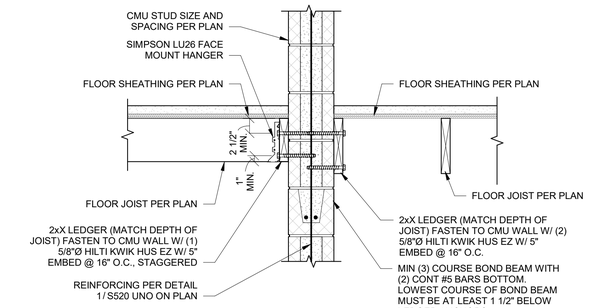


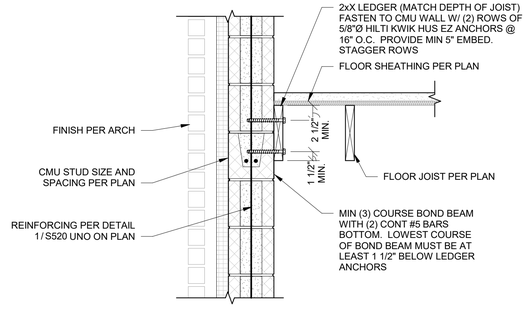

5 S533 EXTERIOR WALL BYPASS AT CMU - BEARING
1" = 1'-0"



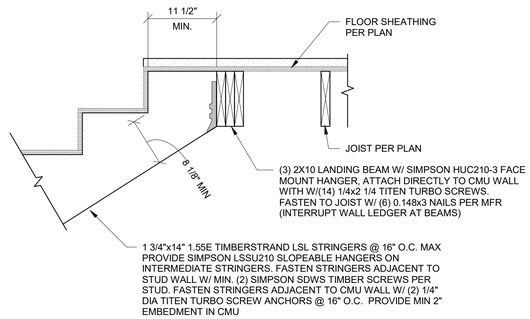

6 S533 STAIR LANDING BEAM ATTACHMENT TO CMU
1" = 1'-0"



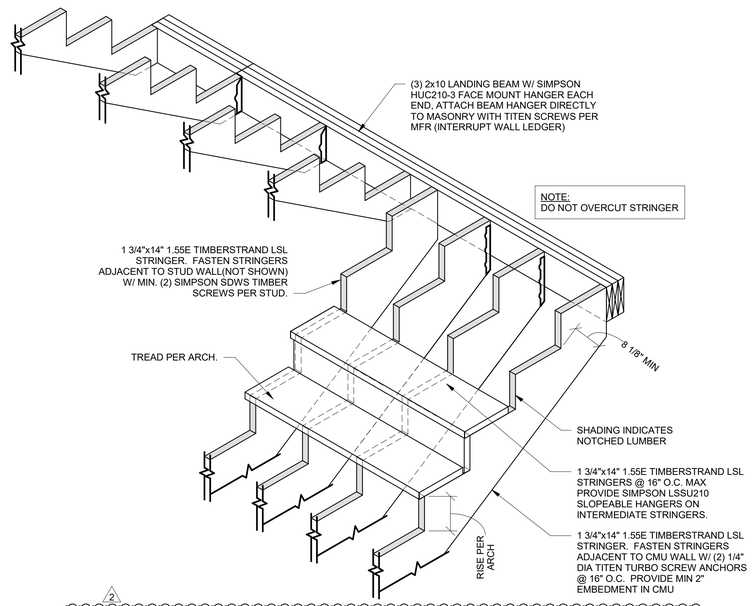

7 S533 FLOOR JOIST TRANSITION AT CMU
1" = 1'-0"




8 S533 FLOOR JOIST PARALLEL AT CMU W/ BRICK
1" = 1'-0"




2
9 S533 STRINGER TO LANDING BEAM SECTION
1" = 1'-0"




2
10 S533 WOOD STAIR ISOMETRIC
3/4" = 1'-0"

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

SHEET TITLE
FLOOR FRAMING DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S533

6/14/2024 2:12:00 AM
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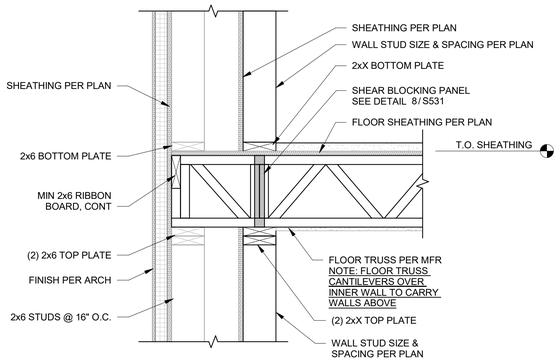


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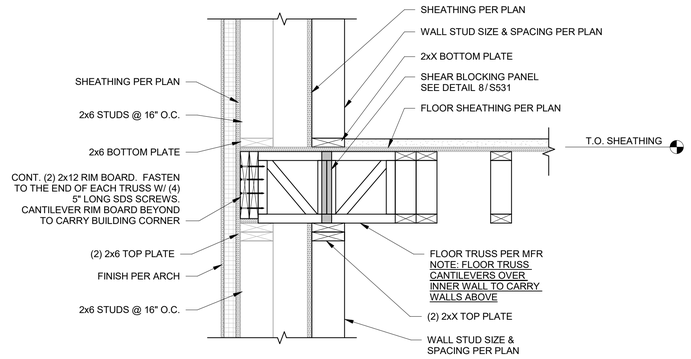
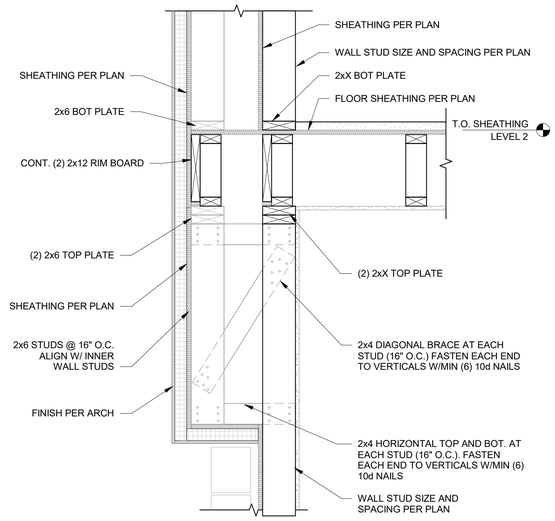
1 S534 FRAMING AT EXTERIOR WALL OVERFRAMING - TRUSS W/ RIM BOARD - BEARING
1" = 1'-0"




2

2 S534 FRAMING AT EXTERIOR WALL OVERFRAMING - TRUSS W/ RIM BOARD - PARALLEL
1" = 1'-0"




2

3 S534 SECTION AT OVERFRAMING AT LEVEL 2
1" = 1'-0"




2

4 S534 SECTION AT OVERFRAMING
1" = 1'-0"




5 S534 FLOOR TRUSS BEARING AT BEAM
1" = 1'-0"




6 S534 FLOOR JOIST BEARING - TRUSS PARALLEL
1" = 1'-0"




2

7 S534 WOOD BEAM FACE MOUNTED TO CMU
1" = 1'-0"

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2 06/14/2024 CITY & BRAND RESPONSE

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

STATE OF MISSOURI
CELESTE KAY SPICKERT
NUMBER PE-2008002213
PROFESSIONAL ENGINEER

06/14/2024
Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024

# HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

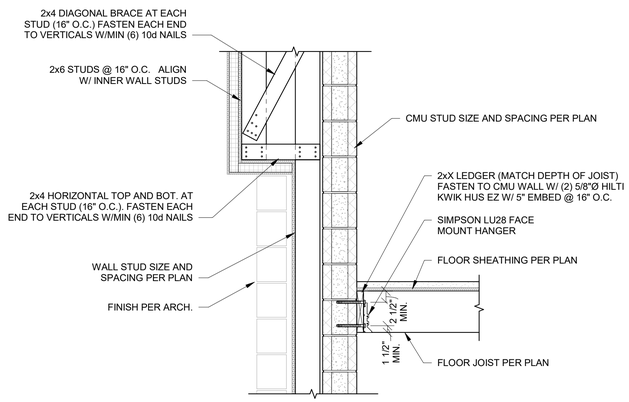
SHEET TITLE
FLOOR FRAMING DETAILS

PROJECT NUMBER: 2023000333

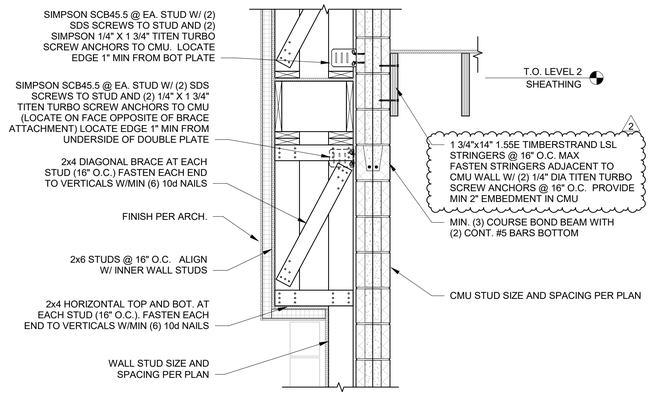
SHEET NUMBER:

# S534

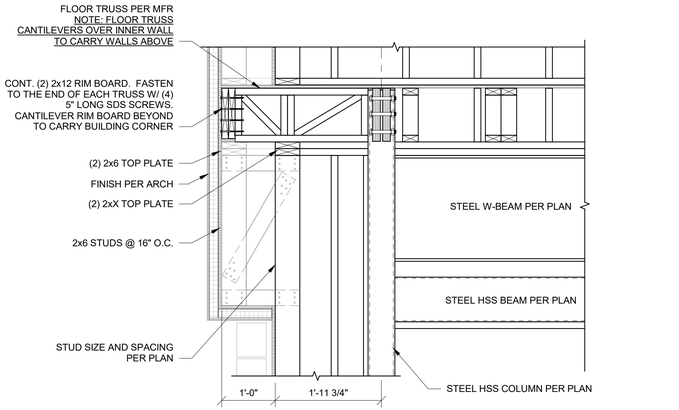
6/14/2024 2:12:01 AM
Autodesk Docs://2023000333 Discovery Park Lee's Summit/2023000333 - Rosemann - Home2_R23.rvt



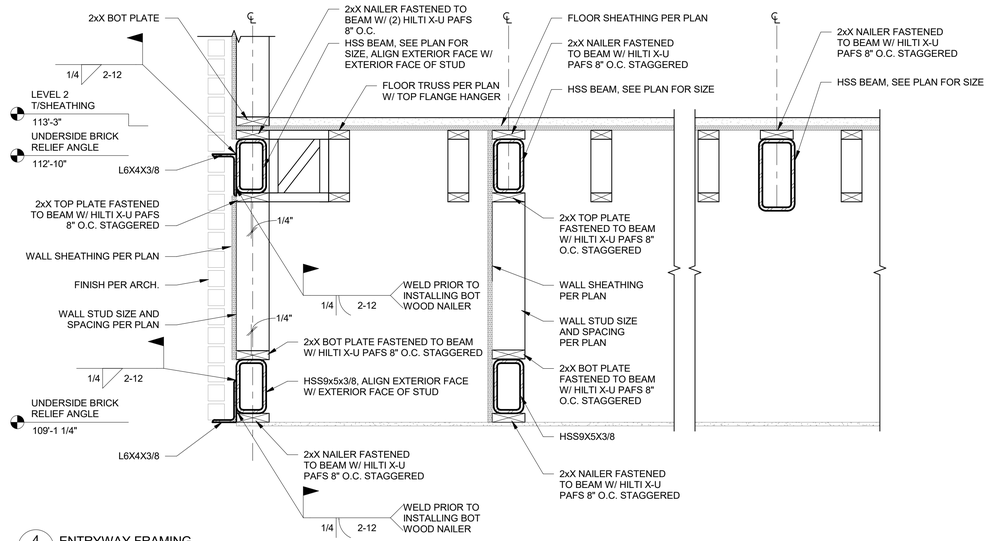

1 S535 SECTION AT OVERFRAMING AT LEVEL 2 & STAIR LANDING
3/4" = 1'-0"



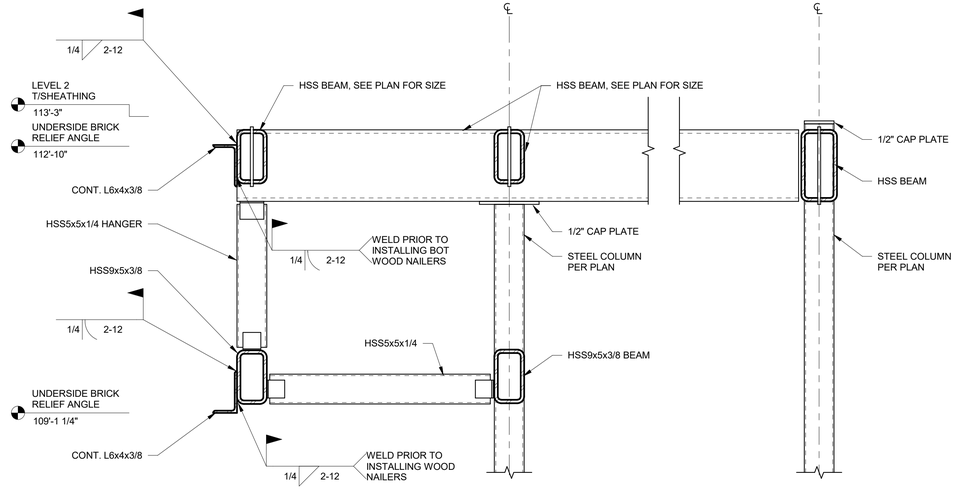

2 S535 SECTION AT OVERFRAMING AT LEVEL 2
3/4" = 1'-0"



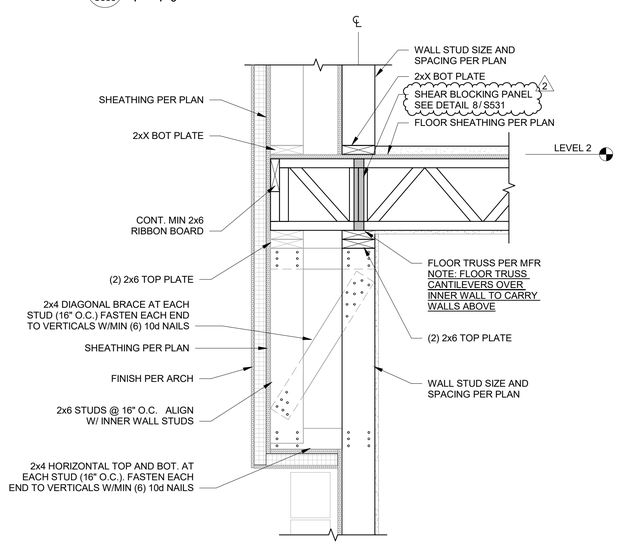

2
3 S535 SOUTHWEST CORNER FRAMING
3/4" = 1'-0"



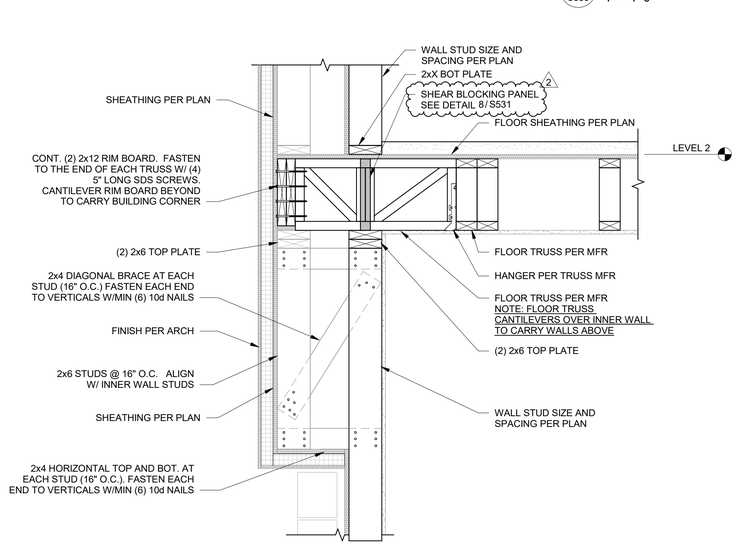

4 S535 ENTRYWAY FRAMING
1" = 1'-0"



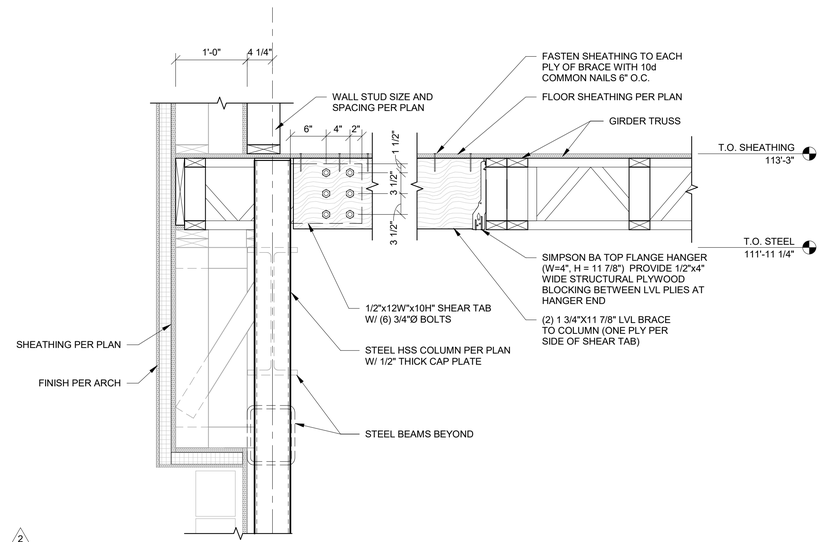

5 S535 ENTRYWAY FRAMING AT COLUMNS
1" = 1'-0"




6A S535 SECTION AT OVERFRAMING AT LEVEL 2
1" = 1'-0"




6B S535 SECTION AT OVERFRAMING AT LEVEL 2
1" = 1'-0"




2
7 S535 SOUTHWEST CORNER FRAMING B
1" = 1'-0"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EXPIRES: DECEMBER 31, 2024

06/14/2024
Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024

# HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
FLOOR FRAMING DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S535


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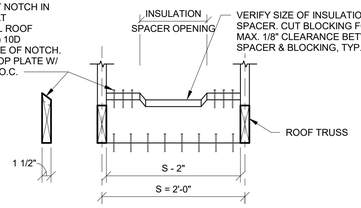
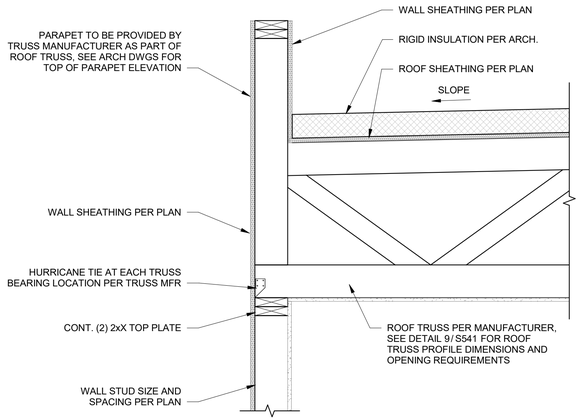
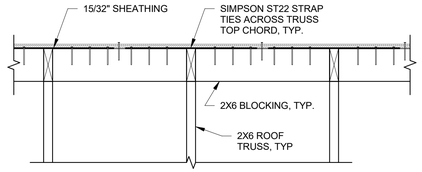
BLOCKING:
BEVEL CUT TOP OF 2X MATERIAL TO MATCH ROOF SLOPE. CUT NOTCH IN "TOP" FOR VENTILATION AT INSULATION SPACER. NAIL ROOF DECK TO BLOCKING W/ (3) 10D COMMON NAILS EACH SIDE OF NOTCH. TOE NAIL BLOCKING TO TOP PLATE W/ 10D COMMON NAILS @ 6" O.C.



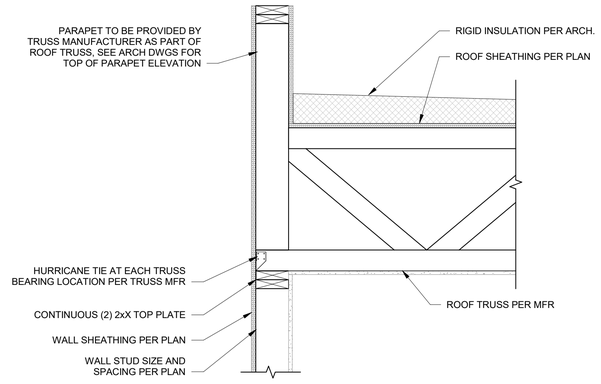

END VIEW ELEVATION VIEW

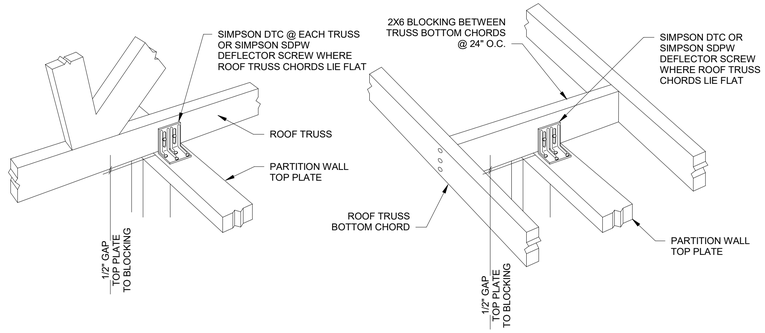
## 1 S540 TRUSS BLOCKING DETAIL
1" = 1'-0"



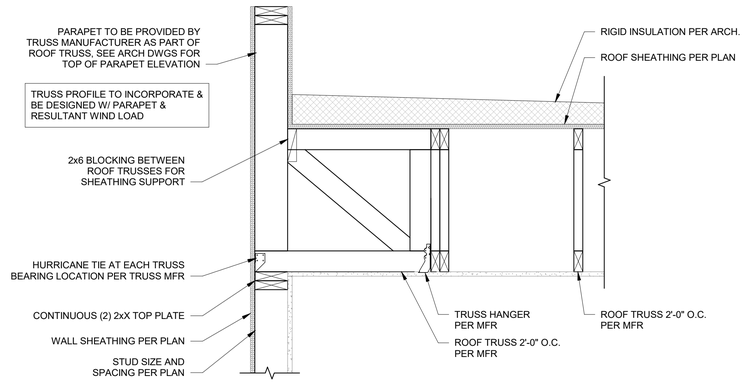

## 2 S540 BLOCKING BETWEEN TRUSSES
1" = 1'-0"



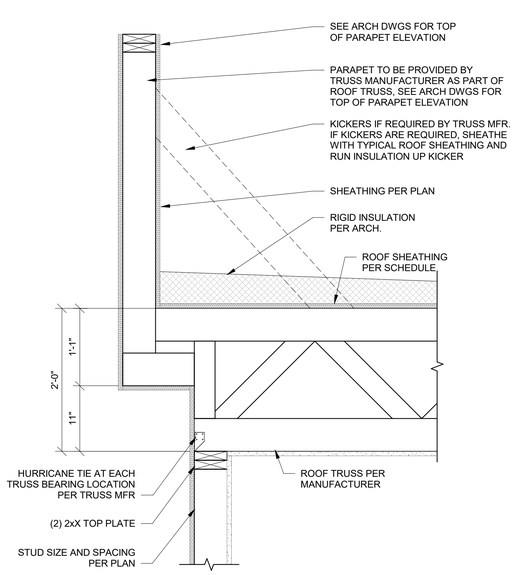




WALL PERPENDICULAR TO TRUSSES WALL PARALLEL TO TRUSSES

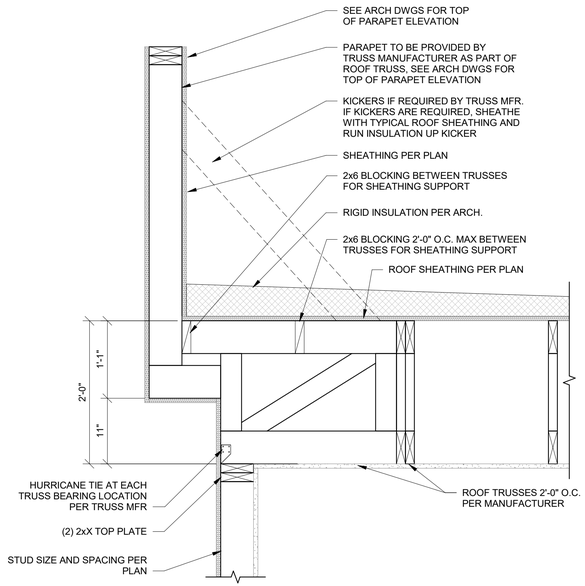
## 3 S540 PARTITION WALL AT ROOF TRUSS
1" = 1'-0"



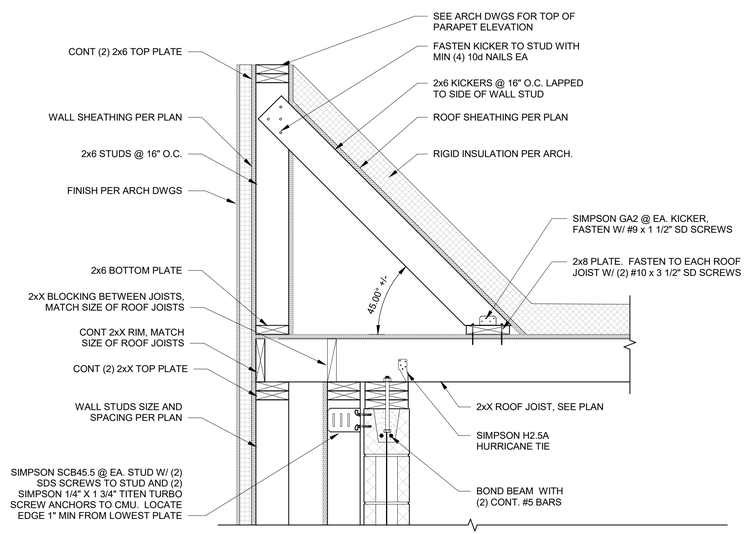

## 4 S540 ROOF TRUSS BEARING AT EXTERIOR WALL
1" = 1'-0"




## 5 S540 PARAPET SECTION AT ROOF TRUSS BEARING
1" = 1'-0"




## 6 S540 ROOF TRUSS PARALLEL AT EXTERIOR WALL
1" = 1'-0"




## 7 S540 PARAPET BUMP-OUT SECTION AT ROOF TRUSS BEARING
1" = 1'-0"

## 8 S540 PARAPET BUMP-OUT SECTION AT ROOF TRUSS PARALLEL
1" = 1'-0"

2

## 9 S540 ROOF SECTION AT STAIR TOWER
1" = 1'-0"

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EXPIRES: DECEMBER 31, 2024

STATE OF MISSOURI
CELESTE KAY SPICKERT
NUMBER PE-2008002213
PROFESSIONAL ENGINEER

06/14/2024
Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024

# HOME2 SUITES BY HILTON

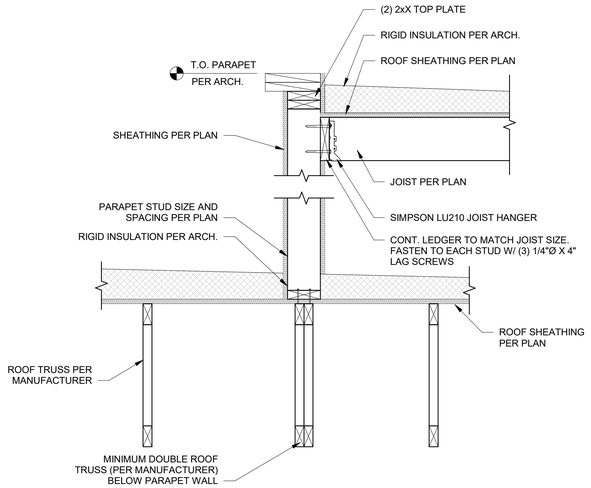
251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
ROOF DETAILS

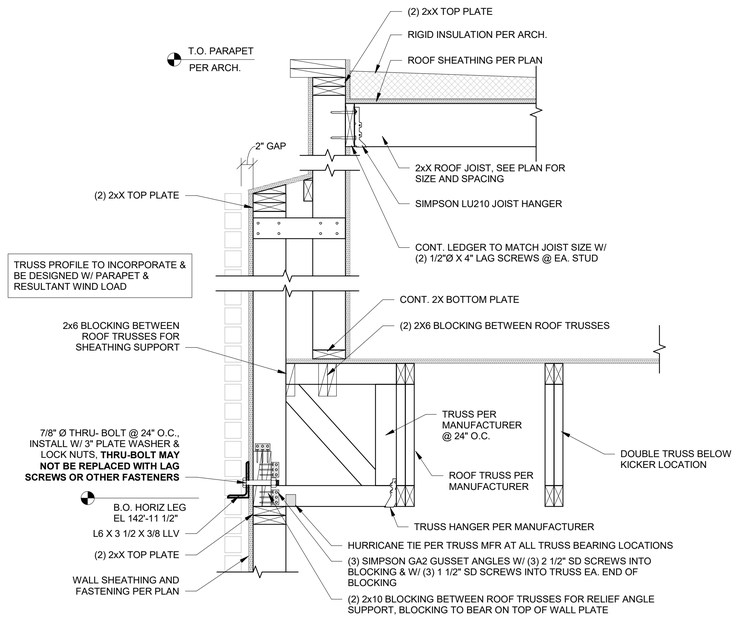
PROJECT NUMBER: 2023000333

SHEET NUMBER:

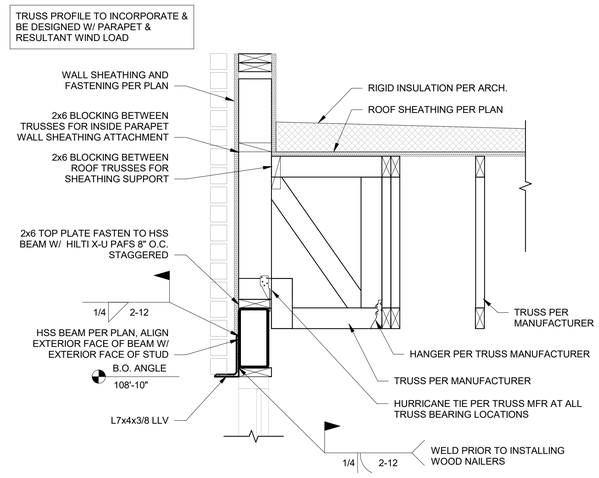
# S540



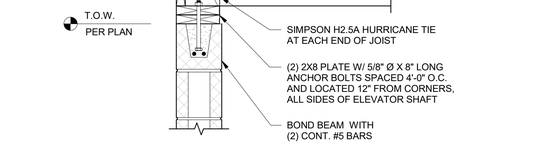

1 S542 PARAPET WALL BEARING AT ROOF
1" = 1'-0"

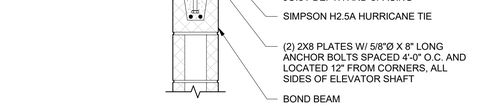



2 S542 PARAPET BUMP-OUT SECTION AT ROOF TRUSS PARALLEL
1" = 1'-0"

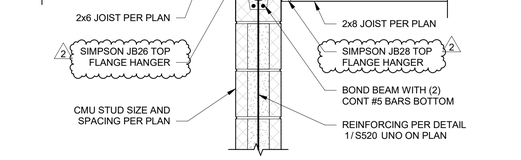



3 S542 ROOF TRUSS PARALLEL AT EXTERIOR WALL OPENING
1" = 1'-0"

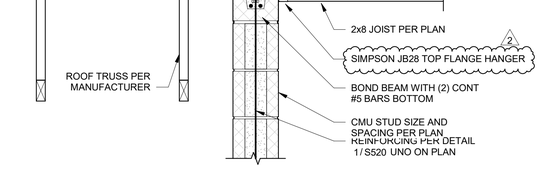


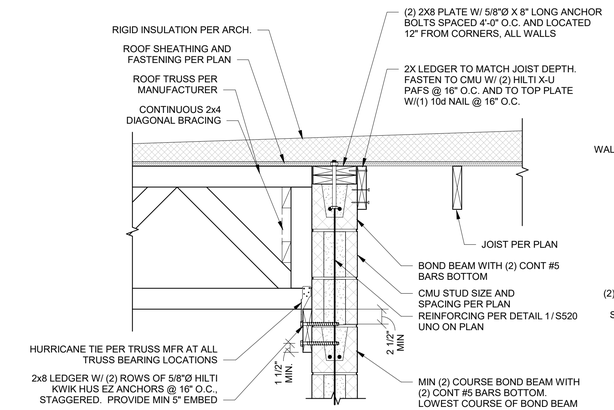

5 S542 ROOF JOISTS PARALLEL AT OVERRUN
1" = 1'-0"

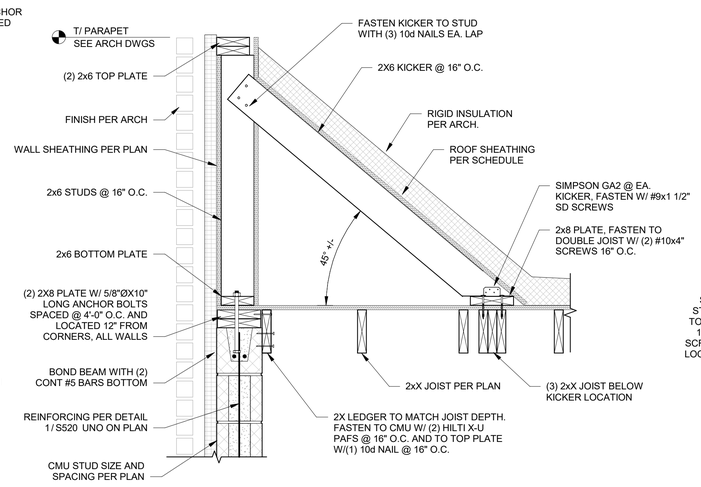


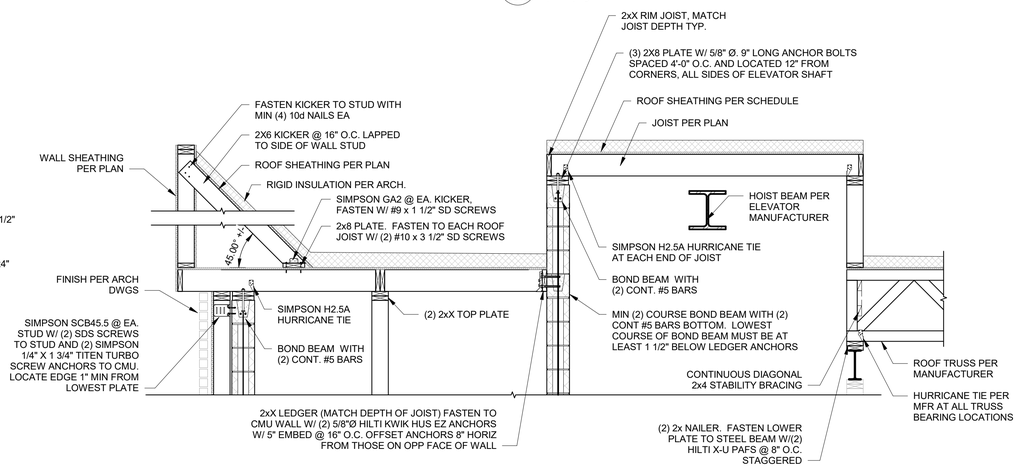

6 S542 ROOF FRAMING TRANSITION AT STAIR TOWER
1" = 1'-0"




7 S542 ROOF FRAMING TRANSITION AT STAIR TOWER
1" = 1'-0"




8 S542 ROOF FRAMING AT STAIR
1" = 1'-0"

9 S542 SHORT PARAPET SECTION AT 2x ROOF FRAMING
1" = 1'-0"

10 S542 ROOF SECTION AT ELEVATOR & STAIR TOWER
1/2" = 1'-0"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Celeste Kay Spickert
PE-2008002213
Expires 12/31/2024


HOME2 SUITES BY HILTON

251 NE ALURA WAY
LEE'S SUMMIT, MISSOURI 64064

SHEET TITLE
ROOF DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S542

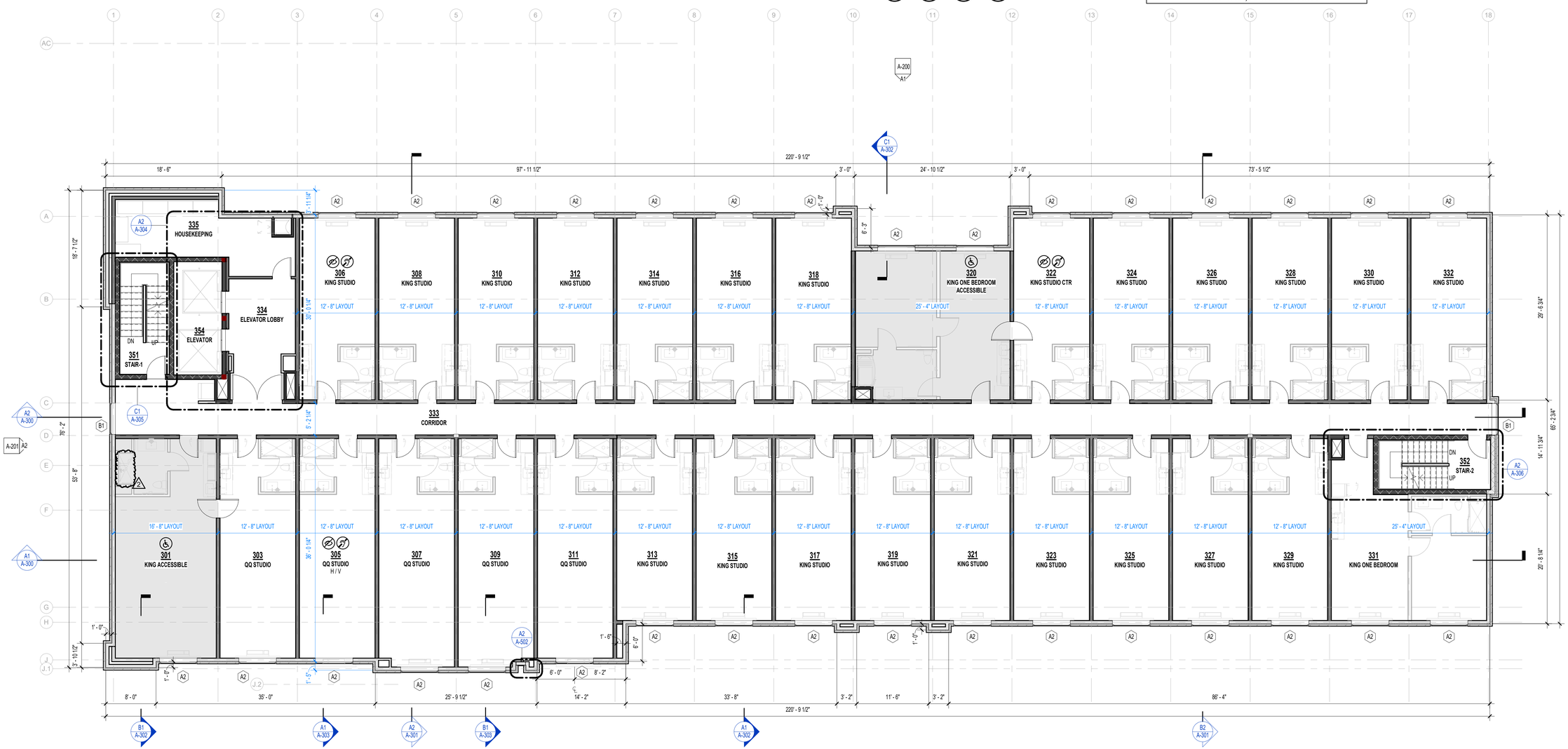

6/14/2024 2:12:05 AM
Autodesk Docs://2023000333 - Discovery Park Lee's Summit/2023000333 - Rosemann - Home2_R23.rvt

# 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
- A1 — WINDOW TYPE; SEE WINDOW SCHEDULE A-600
- 101 — DOOR TYPE; SEE DOOR SCHEDULE A-600
- P7 — PARTITION TYPE; SEE ASSEMBLIES G-102
- 6' - 0" — FRAMING DIMENSIONS
- 6' - 0" LAYOUT LAYOUT — 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




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

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ARCHITECTURE
INTERIOR DESIGN
ENGINEERING
PLANNING
1526 Grand Boulevard
Kansas City, MO 64108-1404
p: 816.472.1448
w: www.rosemann.com


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STATE OF MISSOURI
DAVID EUGENE HENDRICKS
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
THIRD FLOOR PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

A-103


6/12/2024 4:18:06 PM
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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
- A1 — WINDOW TYPE; SEE WINDOW SCHEDULE A-600
- 101 — DOOR TYPE; SEE DOOR SCHEDULE A-600
- P7 / 6' - 0" — PARTITION TYPE; SEE ASSEMBLIES G-102
- FRAMING DIMENSIONS
- 8' - 0" LAYOUT LAYOUT — 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

1 NOTE: WINDOW TAGS ADDED TO ALL OVERALL FLOOR PLANS

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

PRINTS ISSUED
04/17/2024 - CITY SUBMISSION

REVISIONS:
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STATE OF MISSOURI
DAVID EUGENE HENDRIXSON
NUMBER A-7305
REGISTERED ARCHITECT

# HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
FOURTH FLOOR PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

# A-104


5/2/2024 4:18:14 PM
C:\Revit Local Cache\22023\22023 Home2 Suites_Central_RSD_rzimmerman1FAQ0Z.rvt

REFERENCE G-003 FOR GENERAL NOTES

REVISION 2:
PORTIONS OF HARDLID CEILING HAVE BEEN ADDED TO THE CORRIDORS, REPLACING SEGMENTS OF A.C.T. PER HILTON'S COMMENTS
2

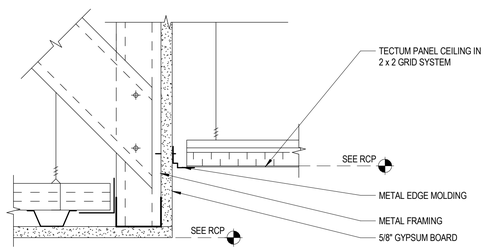
MOISTURE RESISTANT GYP. AT POOL CEILING INSETS. FINISH: EPOXY PT-08
2

POOL STORAGE
MECHANICAL POOL
INDOOR POOL
VESTIBULE
POOL EQUIP.
UNISEX
STORAGE
OPEN TO UNDERSIDE OF ASSEMBLY
DISCHARGE LAUNDRY
DRYER ROOM
LAUNDRY
STORAGE
EMPLOYEE BREAK
ELECTRICAL
OPEN TO UNDERSIDE OF ASSEMBLY
MECH.
OPEN TO UNDERSIDE OF ASSEMBLY
KING ONE BEDROOM ACCESSIBLE
KING STUDIO CTR
KING STUDIO
KING STUDIO
KING STUDIO
KING STUDIO
KING STUDIO
ELEVATORS
STAIR 1
HALL
MANAGERS OFFICE
WORK STATIONS
SERVERY
PBX
OPEN TO UNDERSIDE OF ASSEMBLY
ENGINEER
BREAKFAST
REGISTRATION DESK
MARKET
FOOD PREP
ICE MACHINE
TV LOUNGE
CIRCULATION
GUEST CORRIDOR
MECHANIC
GUEST LAUNDRY
OPEN TO UNDERSIDE OF ASSEMBLY
WOMENS
MENS
LOBBY
STAIR 2
FITNESS ROOM
VESTIBULE
MECH.
STORAGE
SALES
KING STUDIO CTR
KING STUDIO CTR
KING STUDIO
KING STUDIO
KING STUDIO
KING STUDIO
KING STUDIO
KING STUDIO
KING STUDIO
KING ONE BEDROOM

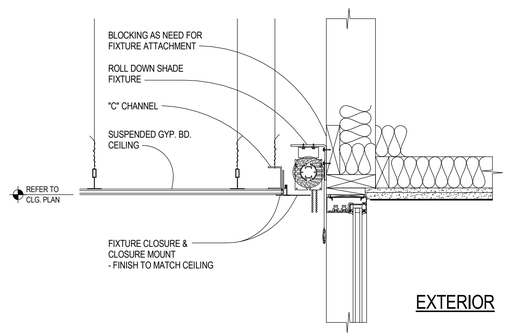
NOTE: RE: ENLARGED UNIT PLANS ON 400'S FOR UNIT RCP INFORMATION, TYP.

A1 A-124
B2 A-120
B2 A-307

FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"




ACCENT CEILING AT FITNESS
3" = 1'-0"




ROLL DOWN SHADE POCKET
1 1/2" = 1'-0"

## RCP LEGEND

- **C1** - 2' X 2' ACT SYSTEM 15/16" THICKNESS- ANGULAR TEGULAR EDGE, PER 095113
- **C3** - GWB ON METAL STUD
- **C4** - TECTUM CEILING 2' x 8' 2
- **C5** - 6X48 ACT
- **C6** - WRAP MATERIAL SOFFIT, PAINT TO MATCH UPPER WALL COLOR
- **C8** - EXTRUDED ALUMINUM SOFFIT SYSTEM WITH A WOOD LOOK PAINT
- SUPPLY DIFFUSER
- RETURN GRILL
- LINEAR SUPPLY DIFFUSER
- 9' - 0" AFF INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

*NOTE: REFER TO ENLARGED GUESTROOM CEILING PLANS (A-400S) FOR ROOM CEILING INFO. - A-400S SHEETS

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSE
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON
LEE'S SUMMIT, MO

SHEET TITLE
FIRST FLOOR REFLECTED CEILING PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:
A-120

6/12/2024 4:16:33 PM
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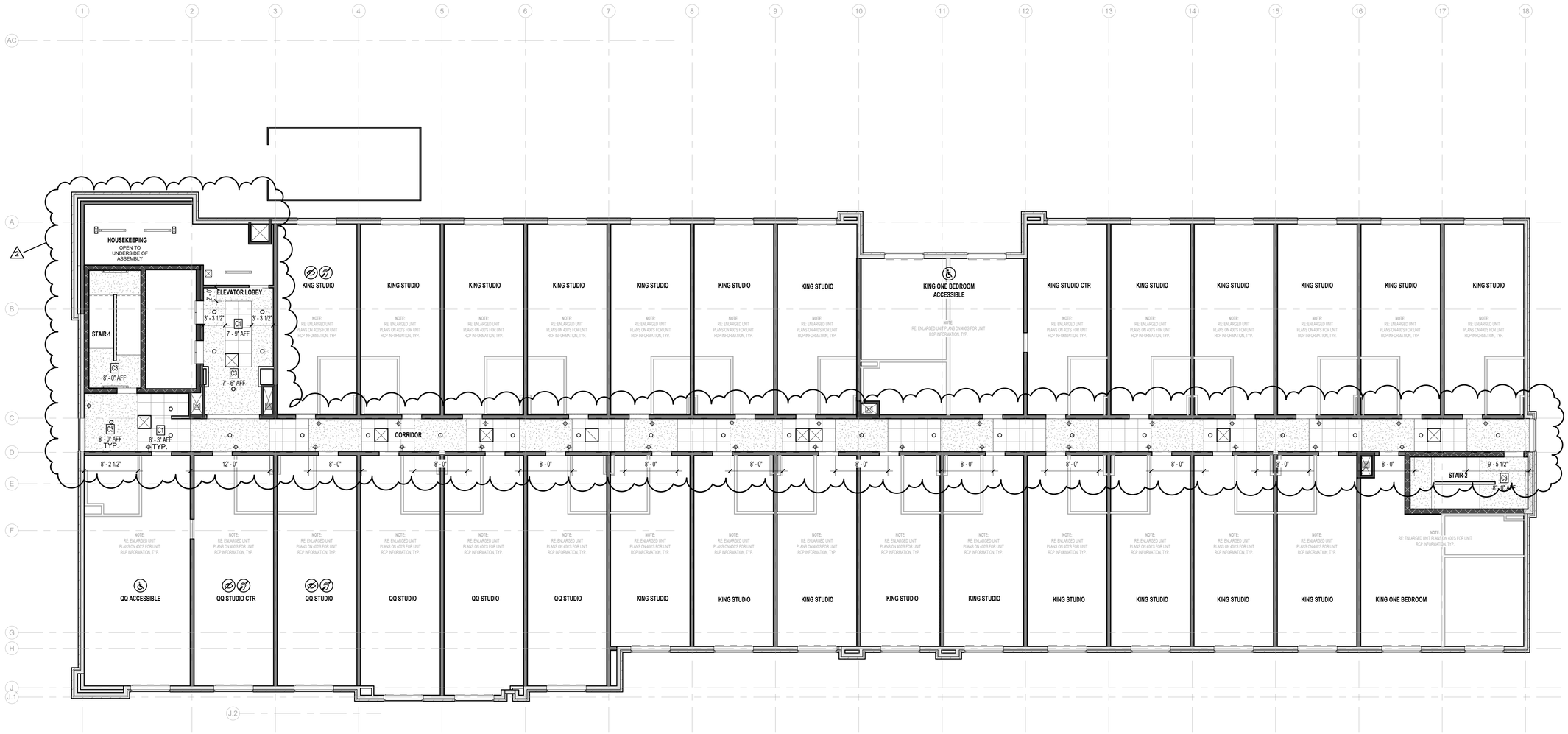
REFERENCE G-003 FOR GENERAL NOTES

REVISION 2:
PORTIONS OF HARDLID CEILING HAVE BEEN ADDED TO THE CORRIDORS, REPLACING SEGMENTS OF A.C.T. PER HILTON'S COMMENTS




## RCP LEGEND

- **C1** - 2' X 2' ACT SYSTEM 15/16" THICKNESS- ANGULAR TEGULAR EDGE, PER 095113
- **C3** - GWB ON METAL STUD
- **C4** - TECTUM CEILING 2' X 4' 2
- **C5** - 6X48 ACT
- **C6** - WRAP MATERIAL SOFFIT, PAINT TO MATCH UPPER WALL COLOR
- **C8** - EXTRUDED ALUMINUM SOFFIT SYSTEM WITH A WOOD LOOK PAINT
- SUPPLY DIFFUSER
- RETURN GRILL
- LINEAR SUPPLY DIFFUSER
- 9' - 0" AFF — INDICATES CEILING HEIGHT, BELOW MATERIAL TAG
- *NOTE: REFER TO ENLARGED GUESTROOM CEILING PLANS (A-400S) FOR ROOM CEILING INFO. - A-400S SHEETS

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

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HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
SECOND FLOOR REFLECTED CEILING PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

A-121

6/12/2024 4:18:27 PM
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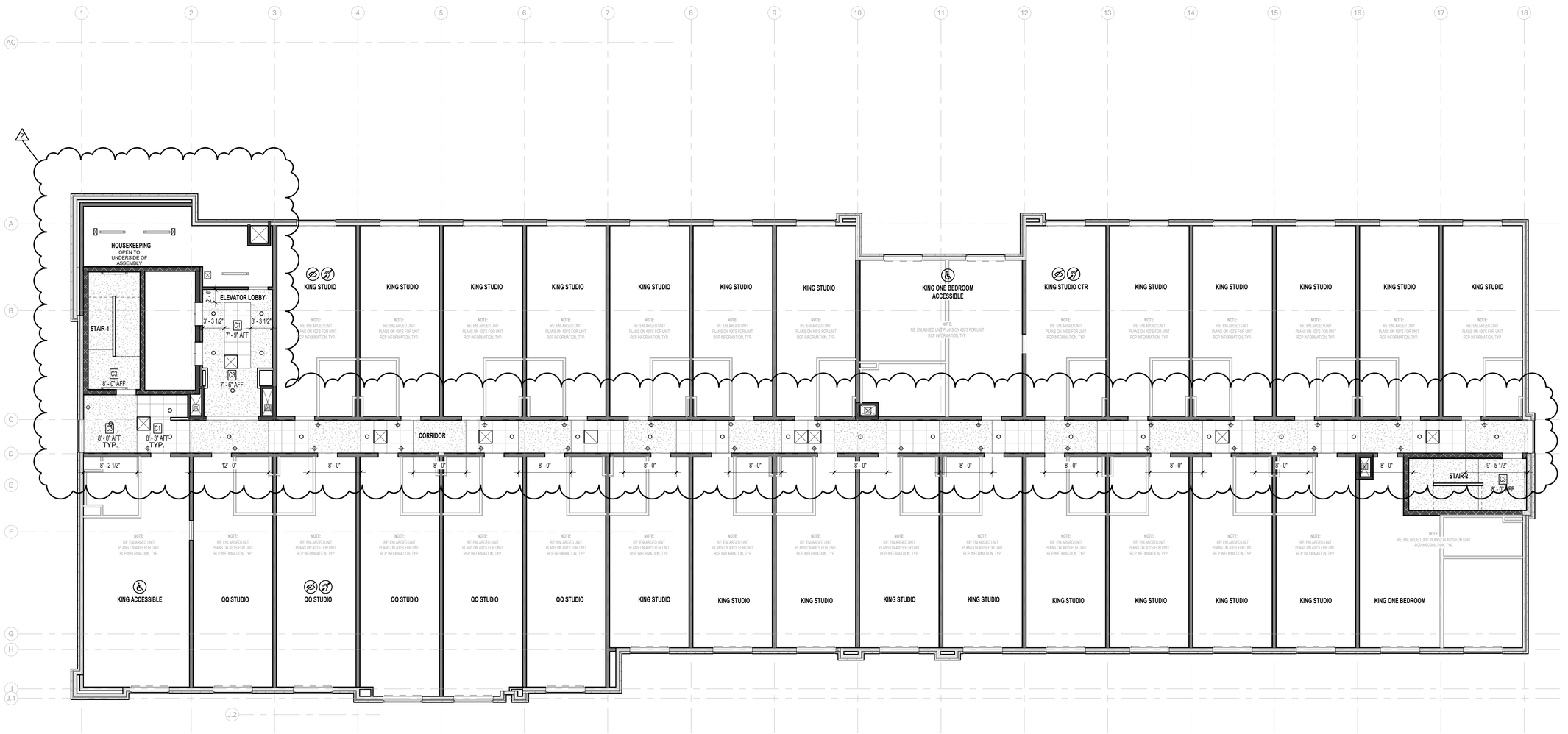
REFERENCE G-003 FOR GENERAL NOTES

REVISION 2:
PORTIONS OF HARDLID CEILING HAVE BEEN ADDED TO THE CORRIDORS, REPLACING SEGMENTS OF A.C.T. PER HILTON'S COMMENTS




## RCP LEGEND

- **C1** - 2' X 2' ACT SYSTEM 15/16" THICKNESS- ANGULAR TEGULAR EDGE, PER 095113
- **C3** - GWB ON METAL STUD
- **C4** - TECTUM CEILING 2' X 4' (2)
- **C5** - 6X48 ACT
- **C6** - WRAP MATERIAL SOFFIT, PAINT TO MATCH UPPER WALL COLOR
- **C8** - EXTRUDED ALUMINUM SOFFIT SYSTEM WITH A WOOD LOOK PAINT
- SUPPLY DIFFUSER
- RETURN GRILL
- LINEAR SUPPLY DIFFUSER
- 9' - 0" AFF INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

*NOTE: REFER TO ENLARGED GUESTROOM CEILING PLANS (A-400S) FOR ROOM CEILING INFO. - A-400S SHEETS

N

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

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STATE OF MISSOURI
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NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
THIRD FLOOR REFLECTED CEILING PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

A-122

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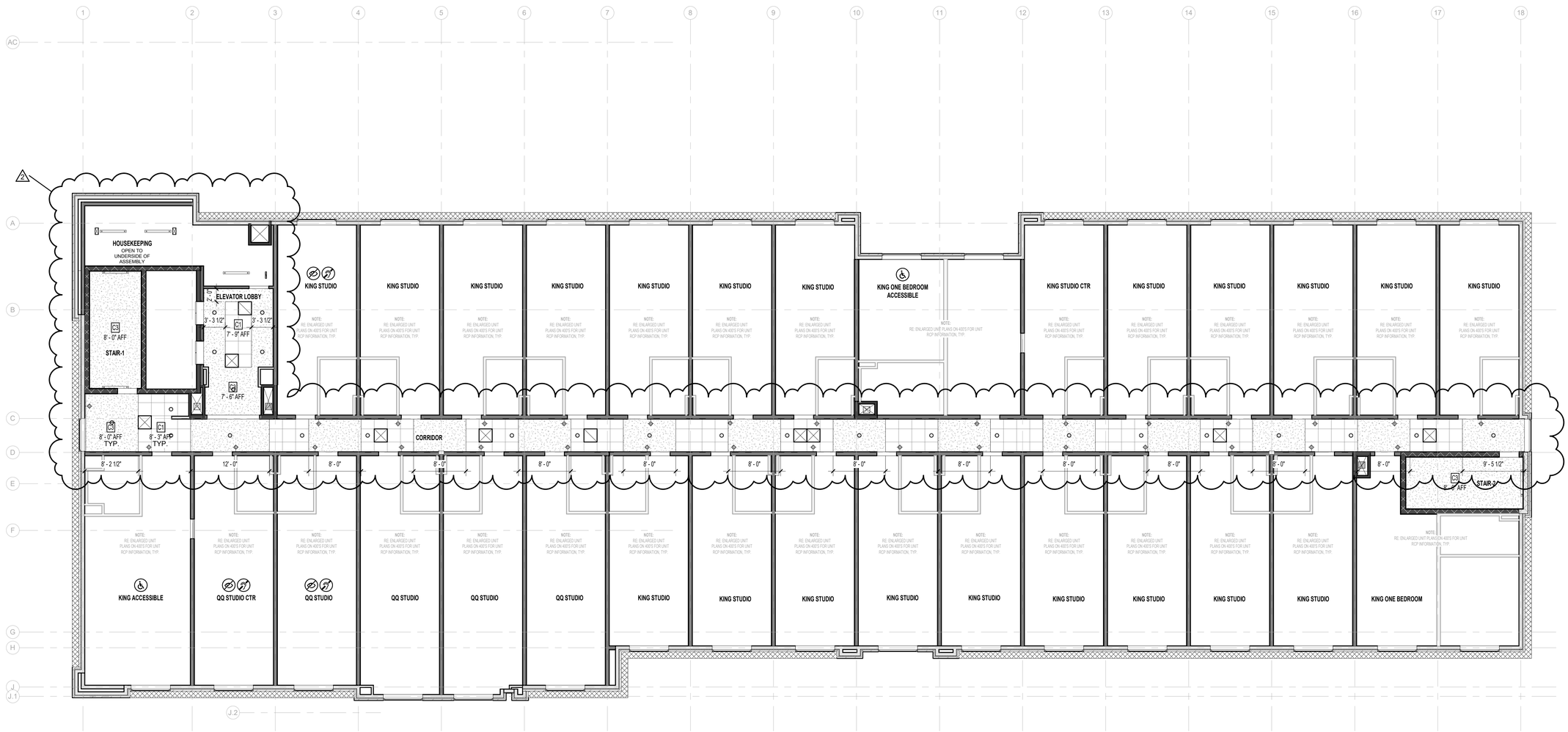
REFERENCE G-003 FOR GENERAL NOTES

REVISION 2:
PORTIONS OF HARDLID CEILING HAVE BEEN ADDED TO THE CORRIDORS, REPLACING SEGMENTS OF A.C.T. PER HILTON'S COMMENTS




## RCP LEGEND

- **C1** - 2' X 2' ACT SYSTEM 15/16" THICKNESS- ANGULAR TEGULAR EDGE, PER 095113
- **C3** - GWB ON METAL STUD
- **C4** - TECTUM CEILING 2' X 2' (2)
- **C5** - 6X48 ACT
- **C6** - WRAP MATERIAL SOFFIT, PAINT TO MATCH UPPER WALL COLOR
- **C8** - EXTRUDED ALUMINUM SOFFIT SYSTEM WITH A WOOD LOOK PAINT
- SUPPLY DIFFUSER
- RETURN GRILL
- LINEAR SUPPLY DIFFUSER
- 9' - 0" AFF INDICATES CEILING HEIGHT, BELOW MATERIAL TAG
- *NOTE: REFER TO ENLARGED GUESTROOM CEILING PLANS (A-400S) FOR ROOM CEILING INFO. - A-400S SHEETS

N

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

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HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
FOURTH FLOOR REFLECTED CEILING PLAN

PROJECT NUMBER: 22023

SHEET NUMBER:

A-123

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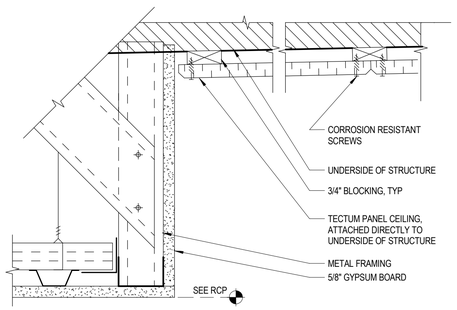
REFERENCE G-003 FOR GENERAL NOTES

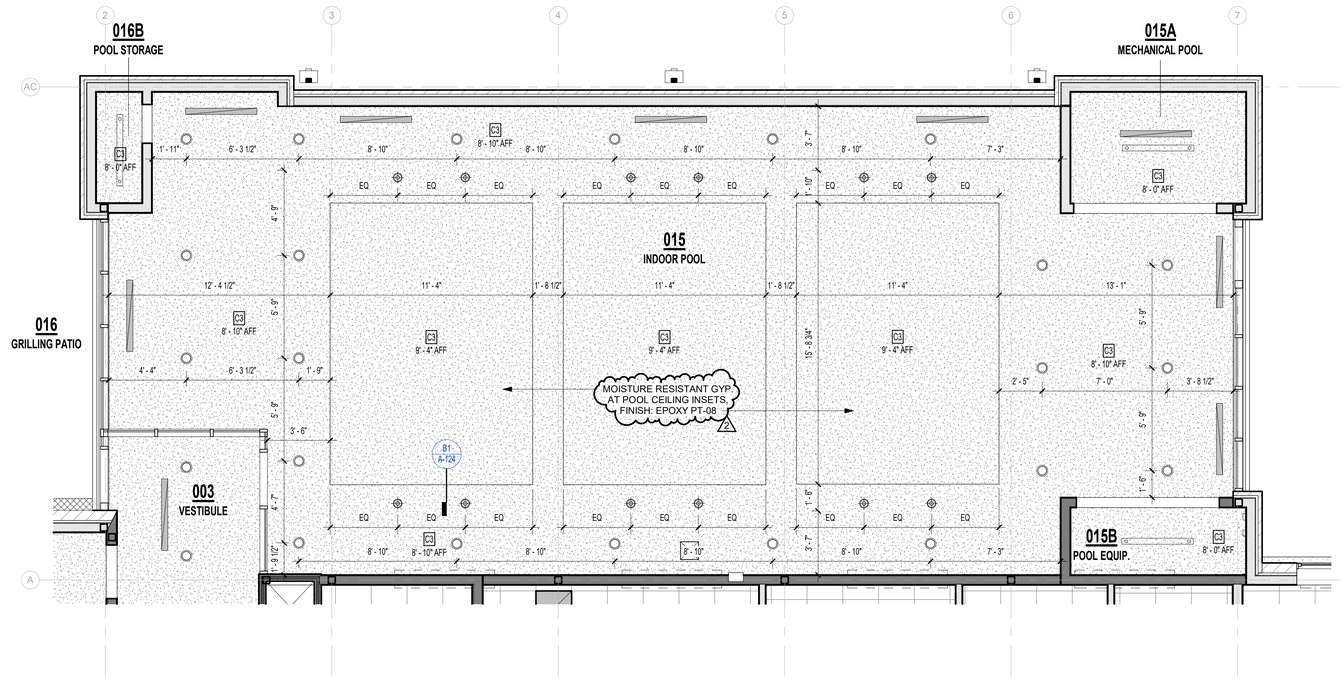
## RCP LEGEND

- **C1** - 2' X 2' ACT SYSTEM 15/16" THICKNESS- ANGULAR TEGULAR EDGE, PER 095113
- **C3** - GWB ON METAL STUD
- **C4** - TECTUM CEILING 2' X 4' (2)
- **C5** - 6X48 ACT
- **C6** - WRAP MATERIAL SOFFIT, PAINT TO MATCH UPPER WALL COLOR
- **C8** - EXTRUDED ALUMINUM SOFFIT SYSTEM WITH A WOOD LOOK PAINT
- SUPPLY DIFFUSER
- RETURN GRILL
- LINEAR SUPPLY DIFFUSER
- 9' - 0" AFF — INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

*NOTE: REFER TO ENLARGED GUESTROOM CEILING PLANS (A-400S) FOR ROOM CEILING INFO. - A-400S SHEETS




B1 ACCENT CEILING IN POOL
3" = 1'-0"




A1 FIRST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"

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NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
ENLARGED REFLECTED CEILING PLAN - INDOOR POOL

PROJECT NUMBER: 22023

SHEET NUMBER:

A-124

6/13/2024 11:41:18 AM
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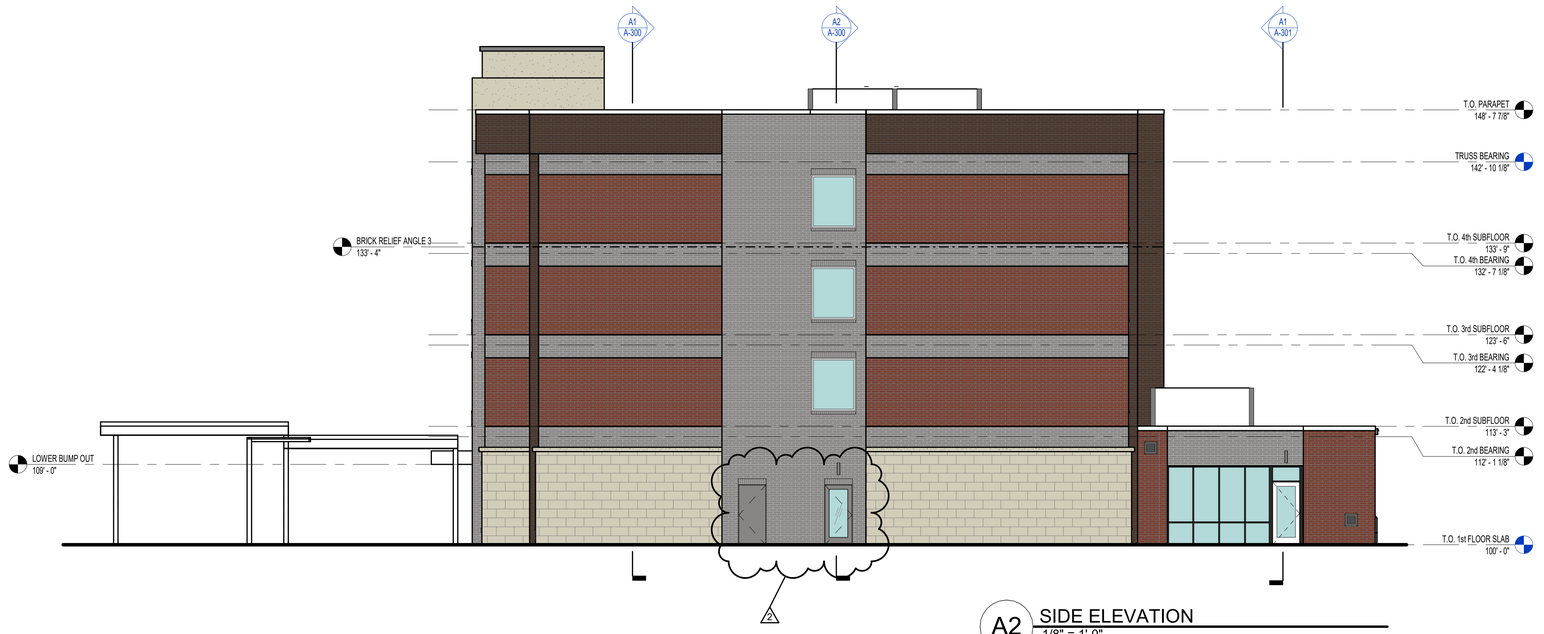
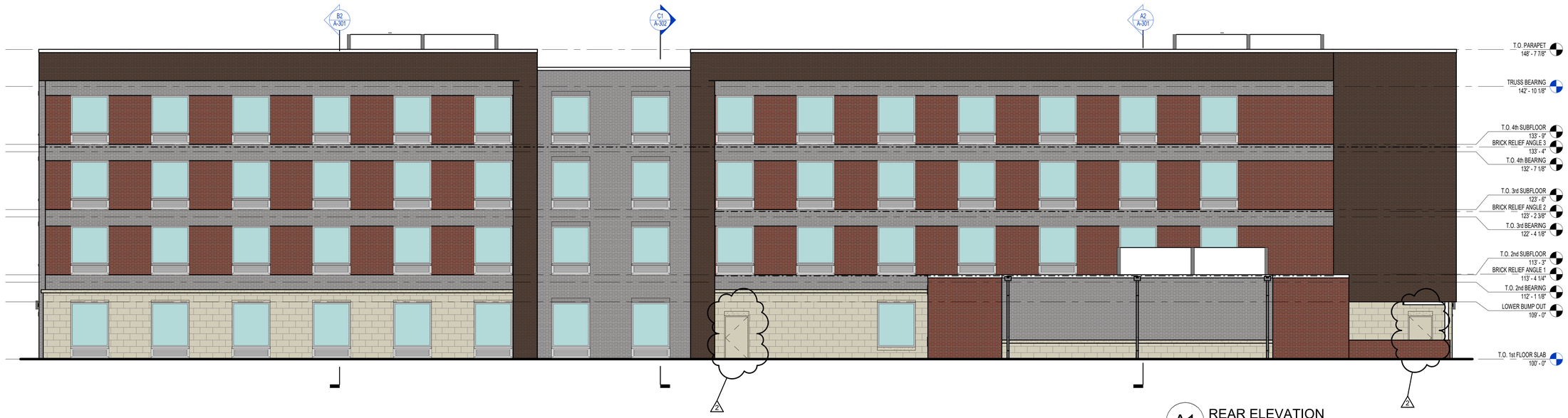
REFERENCE G-003 FOR GENERAL NOTES

## MATERIAL LEGEND

- MA-1 - STONE - ROCK FACE
- MA-2 - STONE SILL - SMOOTH FACE
- BR-1 - BRICK - RED
- BR-3 - BRICK - GREY
- EIFS-1 - DARK RED
- MTL-1 - METAL - DARK BRONZE
- STCO - STUCCO - COLOR TO MATCH STONE
- BRICK RELIEF ANGLE LOCATION




A2 SIDE ELEVATION
1/8" = 1'-0"




A1 REAR ELEVATION
1/8" = 1'-0"

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# HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
EXTERIOR COLOR ELEVATIONS

PROJECT NUMBER: 22023

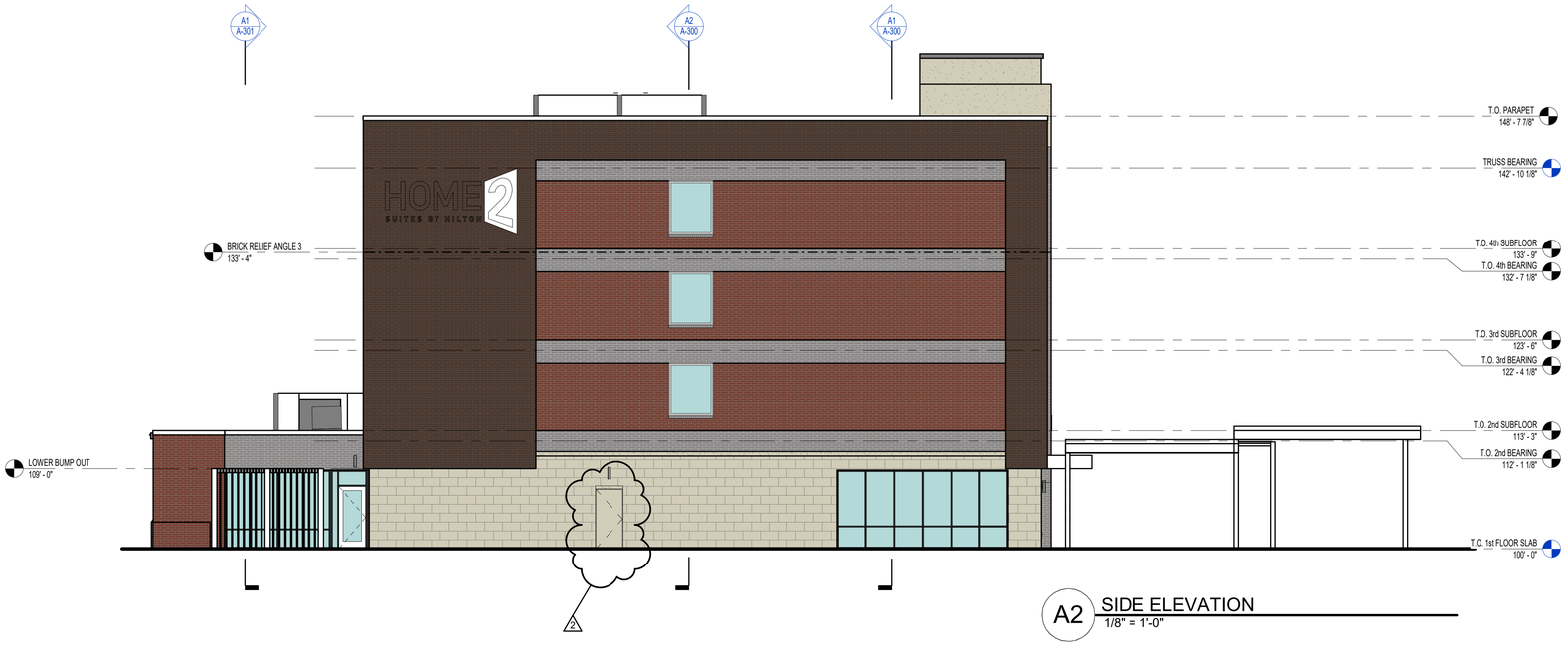
SHEET NUMBER:

A-202

REFERENCE G-003 FOR GENERAL NOTES

## MATERIAL LEGEND

- MA-1 - STONE - ROCK FACE
- MA-2 - STONE SILL - SMOOTH FACE
- BR-1 - BRICK - RED
- BR-3 - BRICK - GREY
- EIFS-1 - DARK RED
- MTL-1 - METAL - DARK BRONZE
- STCO - STUCCO - COLOR TO MATCH STONE
- BRICK RELIEF ANGLE LOCATION




A2 SIDE ELEVATION
1/8" = 1'-0"

A1 FRONT ELEVATION
1/8" = 1'-0"

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STATE OF MISSOURI
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NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
EXTERIOR COLOR ELEVATIONS

PROJECT NUMBER: 22023

SHEET NUMBER:

A-203

REFERENCE G-003 FOR GENERAL NOTES

## 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

**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.

## INTERIOR PARTITION ASSEMBLIES - WOOD - 1 HR RATED

**P13** — **WOOD 2X6 STUD - 1HR PARTITION - INTERIOR SOUND DAMPENING**
- (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

## 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*

## 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)

## 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.

## INTERIOR ASSEMBLIES - CMU / CONCRETE

**P41** — **CMU 8" BLOCK - 2HR FIRE BARRIER - INTERIOR**
- 8" CMU (REINFORCING PER STRUCT)

## FLOOR/CEILING ASSEMBLY-WOOD

**F1** — **CONCRETE - NON-RATED - SLAB ON GRADE**
- CONCRETE SLAB ON GRADE PER STRUCT. DWGS.

**F3** — **WOOD OPEN WEB TRUSS - 1HR**
- 1-1/2" GYPCRETE TOPPING
- 3/4" MIN. PLYWOOD SHEATHING, TYPE 'C/D' , SEE ALSO NOTE b.
- WOOD TRUSSES PER STRUCTURAL, REFER TO UL FOR MIN. REQS
- UNFACED FIBERGLASS INSULATION COMPLETELY FILLED IN CONCEALED CAVITY TO COMPLY WITH NFPA 13 CONCEALED SPACES.
- 25 MSG GALVANIZED RESILIENT CHANNELS, SPACED PER U.L.
- (1) LAYER OF 5/8" TYPE 'C' GWB PER UL

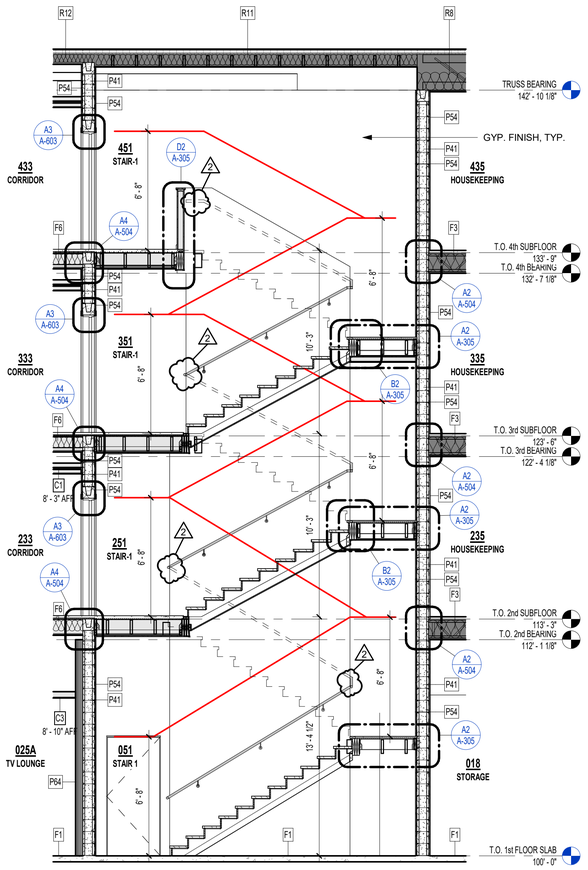
**F7** — **WOOD 2X8 LUMBER - 1HR - CORRIDOR**
- 1-1/2" GYPCRETE TOPPING
- 3/4" SHEATHING MIN, SEE NOTE b.
- 2X8 WOOD JOISTS SPACED PER STRUCTURAL
- UNFACED FIBERGLASS INSULATION COMPLETELY FILLED IN CONCEALED CAVITY TO COMPLY WITH NFPA 13 CONCEALED SPACES.
- (2) LAYERS OF 5/8" TYPE 'X' GWB PER IBC

## ROOF/CEILING ASSEMBLY-WOOD

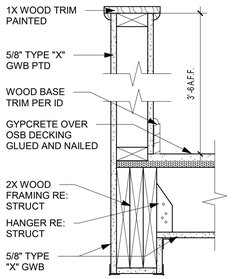
**R8** — **WOOD PARALLEL CHORD TRUSS - 1HR - TPO**
- TPO ROOFING, PER SPECIFICATION TO MEET IECC
- 1/2" COVERBOARD, NON-COMBUSTIBLE, WATER-RESISTANT
- TAPERED INSULATION, SLOPE PER PLAN
- 15/32" MIN. ROOF SHEATHING, SEE NOTE b.
- WOOD TRUSS FRAMING PER STRUCT. DWGS, MAX SPACING 24" OC - REFERENCE UL FOR CONSTRUCTION
- R-38 INSULATION PER IECC, INSTALLED PER UL
- VAPOR BARRIER CLASS 1 ON UNDERSIDE OF TRUSS, AS REQUIRED
- 25 MSG GALVANIZED STEEL RESILIENT CHANNELS, SPACED PER UL
- (1) LAYER OF 5/8" TYPE 'AG-C' GWB, BY AMERICAN GYPSUM CO, PER UL

**R11** — **WOOD FLAT 2X8 LUMBER - 1HR - TPO**
- TPO ROOFING MEMBRANE PER SPECIFICATIONS TO MEET IECC
- 1/2" COVERBOARD, NON-COMBUSTIBLE, WATER-RESISTANT
- TAPERED INSULATION, SLOPE PER PLAN
- R-20 RIGID INSULATION MIN. (OR NECESSARY TO MEET MIN. IECC REQUIREMENT)
- VAPOR BARRIER CLASS 1, SELF ADHERED TO SHEATHING, AS REQUIRED
- SHEATHING PER STRUCTURAL DWGS.
- WOOD 2X8 FRAMING SPACED PER STRUCTURAL
- R-19 BATT INSULATION
- (2) LAYERS OF 5/8" TYPE 'X' GWB. PER GA ASSEMBLY

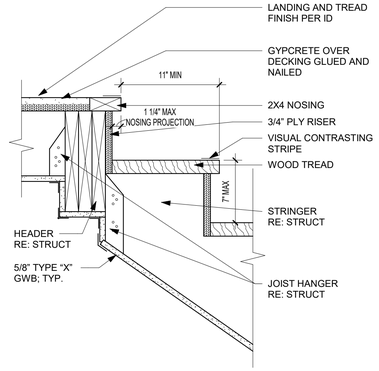
**R12** — **WOOD FLAT 2X6 LUMBER - 1HR - TOP OF ELEVATOR**
- TPO ROOFING MEMBRANE PER SPECIFICATIONS TO MEET IECC
- 1/2" COVERBOARD, NON-COMBUSTIBLE, WATER-RESISTANT
- TAPERED INSULATION, SLOPE PER PLAN
- R-20 RIGID INSULATION MIN. (OR NECESSARY TO MEET MIN. IECC REQUIREMENT)
- VAPOR BARRIER CLASS 1, SELF ADHERED TO SHEATHING, AS REQUIRED
- SHEATHING PER STRUCTURAL DWGS.
- WOOD 2X6 FRAMING SPACED PER STRUCTURAL
- R-19 BATT INSULATION
- (2) LAYERS OF 5/8" TYPE 'X' GWB. PER GA ASSEMBLY



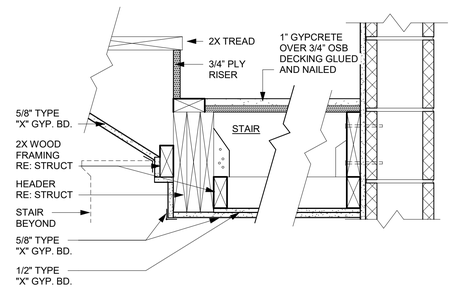

E1 STAIR 1 SECTION
1/4" = 1'-0"



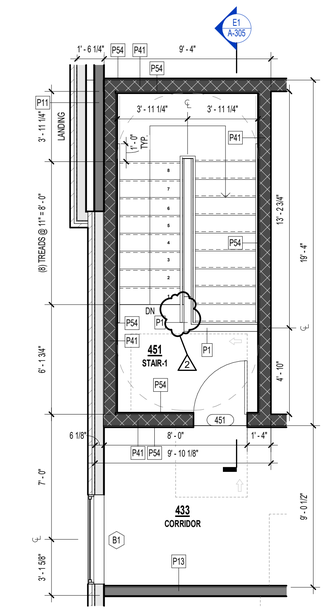

D2 WOOD STAIR KNEE WALL
1 1/2" = 1'-0"



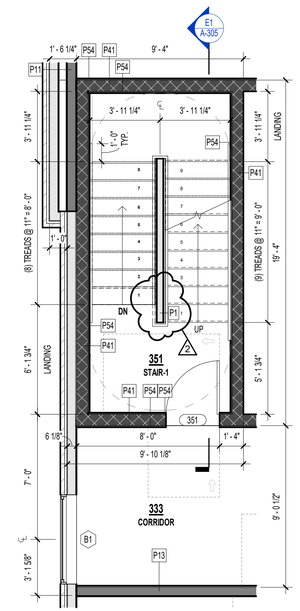

B2 WOOD STAIR AT TOP LANDING
1 1/2" = 1'-0"



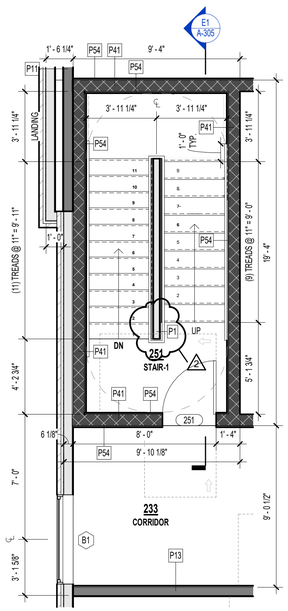

A2 STAIR PLATFORM DTL.
1 1/2" = 1'-0"



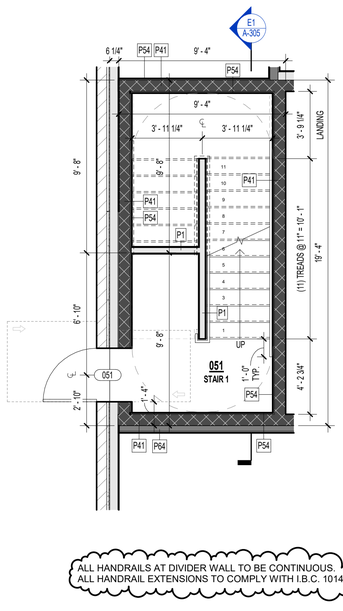

D1 4TH FLOOR PLAN - ENLARGED STAIR 1
1/4" = 1'-0"




C1 3RD FLOOR PLAN - ENLARGED STAIR 1
1/4" = 1'-0"




B1 2ND FLOOR PLAN - ENLARGED STAIR 1
1/4" = 1'-0"




ALL HANDRAILS AT DIVIDER WALL TO BE CONTINUOUS.
ALL HANDRAIL EXTENSIONS TO COMPLY WITH I.B.C. 1014.6.

A1 1ST FLOOR PLAN - ENLARGED STAIR 1
1/4" = 1'-0"

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSE
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
STAIR #1 SECTION & DETAILS

PROJECT NUMBER: 22023

SHEET NUMBER:

A-305

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REFERENCE G-003 FOR GENERAL NOTES

## 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

## INTERIOR PARTITION ASSEMBLIES - WOOD - 1 HR RATED

**P13**

**WOOD 2X6 STUD - 1HR PARTITION - INTERIOR SOUND DAMPENING**
- (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

## INTERIOR BARRIER ASSEMBLIES - WOOD - 2 HR RATED

**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

## 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*

## 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)

## INTERIOR PARTITION ASSEMBLIES (METAL-2 HR RATED)

**P75**

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

*INTERIOR SHAFT*

## INTERIOR ASSEMBLIES - CMU / CONCRETE

**P41**

**CMU 8" BLOCK - 2HR FIRE BARRIER - INTERIOR**
- 8" CMU (REINFORCING PER STRUCT)

## 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*

## FLOOR/CEILING ASSEMBLY-WOOD

**F1**

**CONCRETE - NON-RATED - SLAB ON GRADE**
- CONCRETE SLAB ON GRADE PER STRUCT. DWGS.

**F3**

**WOOD OPEN WEB TRUSS - 1HR**
- 1-1/2" GYPCRETE TOPPING
- 3/4" MIN. PLYWOOD SHEATHING, TYPE 'C/D' , SEE ALSO NOTE b.
- WOOD TRUSSES PER STRUCTURAL, REFER TO UL FOR MIN. REQS
- UNFACED FIBERGLASS INSULATION COMPLETELY FILLED IN CONCEALED CAVITY TO COMPLY WITH NFPA 13 CONCEALED SPACES.
- 25 MSG GALVANIZED RESILIENT CHANNELS, SPACED PER U.L.
- (1) LAYER OF 5/8" TYPE 'C' GWB PER UL

**F7**

**WOOD 2X8 LUMBER - 1HR - CORRIDOR**
- 1-1/2" GYPCRETE TOPPING
- 3/4" SHEATHING MIN, SEE NOTE b.
- 2X8 WOOD JOISTS SPACED PER STRUCTURAL
- UNFACED FIBERGLASS INSULATION COMPLETELY FILLED IN CONCEALED CAVITY TO COMPLY WITH NFPA 13 CONCEALED SPACES.
- (2) LAYERS OF 5/8" TYPE 'X' GWB PER IBC

## ROOF/CEILING ASSEMBLY-WOOD

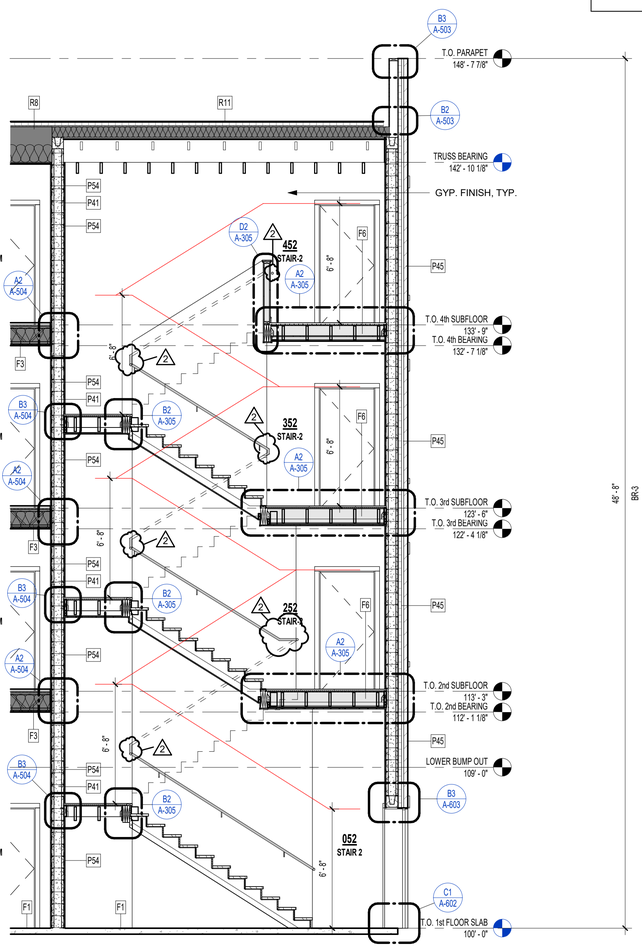
**R8**

**WOOD PARALLEL CHORD TRUSS - 1HR - TPO**
- TPO ROOFING, PER SPECIFICATION TO MEET IECC
- 1/2" COVERBOARD, NON-COMBUSTIBLE, WATER-RESISTANT
- TAPERED INSULATION, SLOPE PER PLAN
- 15/32" MIN. ROOF SHEATHING, SEE NOTE b.
- WOOD TRUSS FRAMING PER STRUCT. DWGS, MAX SPACING 24" OC - REFERENCE UL FOR CONSTRUCTION
- R-38 INSULATION PER IECC, INSTALLED PER UL
- VAPOR BARRIER CLASS 1 ON UNDERSIDE OF TRUSS, AS REQUIRED
- 25 MSG GALVANIZED STEEL RESILIENT CHANNELS, SPACED PER UL
- (1) LAYER OF 5/8" TYPE 'AG-C' GWB, BY AMERICAN GYPSUM CO, PER UL

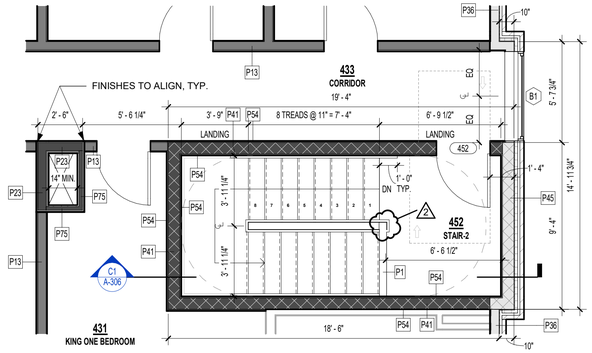
**R11**

**WOOD FLAT 2X8 LUMBER - 1HR - TPO**
- TPO ROOFING MEMBRANE PER SPECIFICATIONS TO MEET IECC
- 1/2" COVERBOARD, NON-COMBUSTIBLE, WATER-RESISTANT
- TAPERED INSULATION, SLOPE PER PLAN
- R-20 RIGID INSULATION MIN. (OR NECESSARY TO MEET MIN. IECC REQUIREMENT)
- VAPOR BARRIER CLASS 1, SELF ADHERED TO SHEATHING, AS REQUIRED
- SHEATHING PER STRUCTURAL DWGS.
- WOOD 2X8 FRAMING SPACED PER STRUCTURAL
- R-19 BATT INSULATION
- (2) LAYERS OF 5/8" TYPE 'X' GWB. PER GA ASSEMBLY

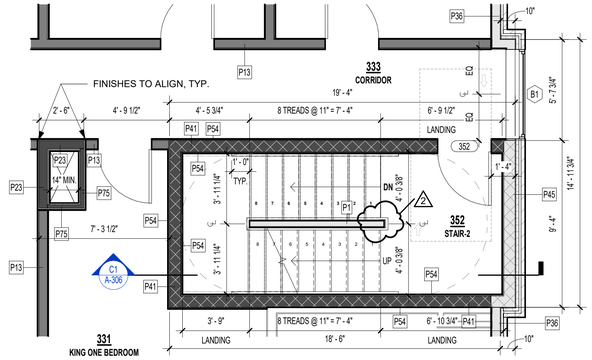
ALL HANDRAILS AT DIVIDER WALL TO BE CONTINUOUS
ALL HANDRAIL EXTENSIONS TO COMPLY WITH I.B.C. 1014.6. 2



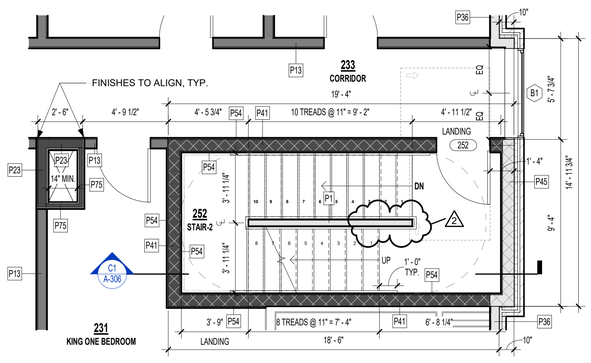

C1 STAIR 2 SECTION
1/4" = 1'-0"



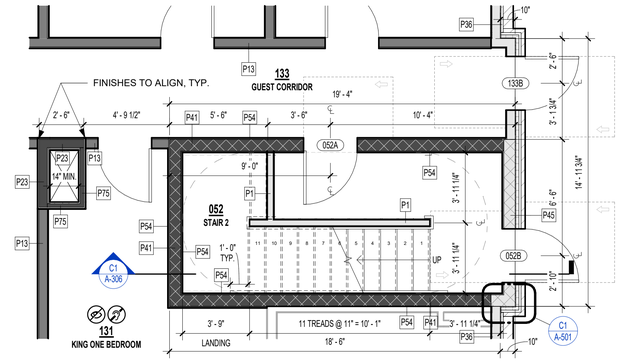

B2 4TH FLOOR PLAN - ENLARGED STAIR 2
1/4" = 1'-0"




A2 3RD FLOOR PLAN - ENLARGED STAIR 2
1/4" = 1'-0"




B1 2ND FLOOR PLAN - ENLARGED STAIR 2
1/4" = 1'-0"




A1 1ST FLOOR PLAN - ENLARGED STAIR 2
1/4" = 1'-0"

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSE
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
STAIR #2 SECTION & DETAILS

PROJECT NUMBER: 22023

SHEET NUMBER:

A-306

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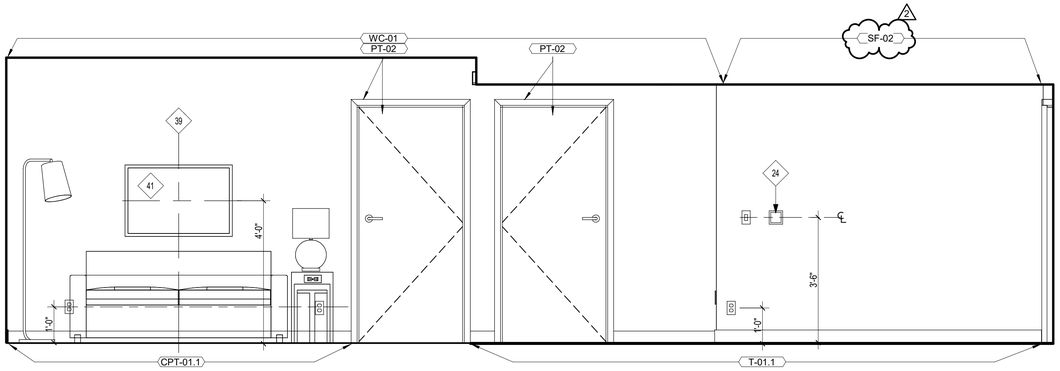
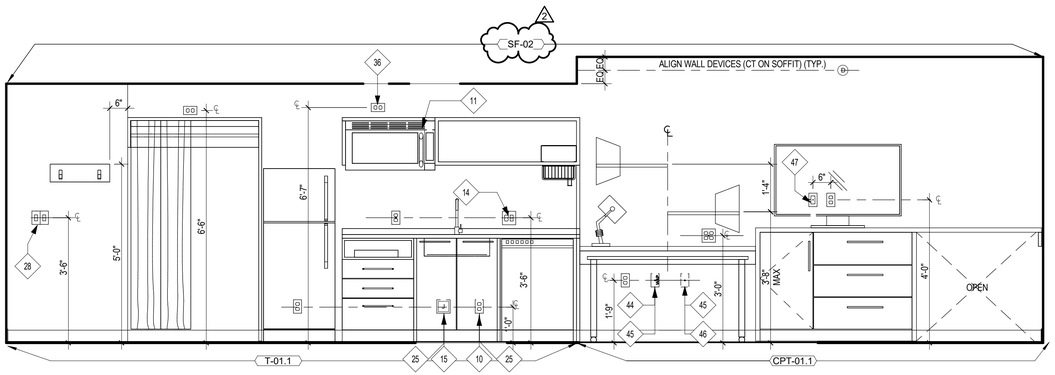
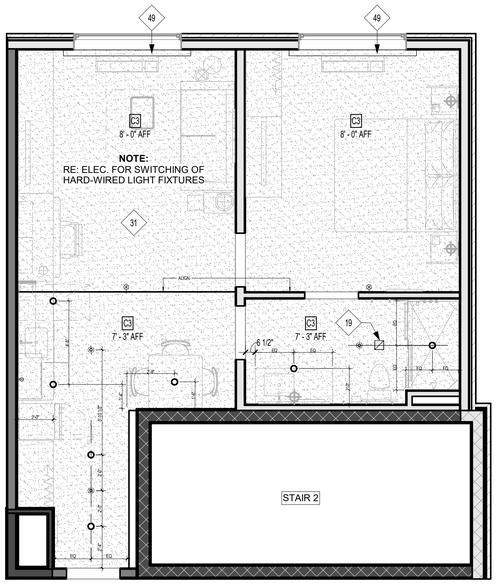


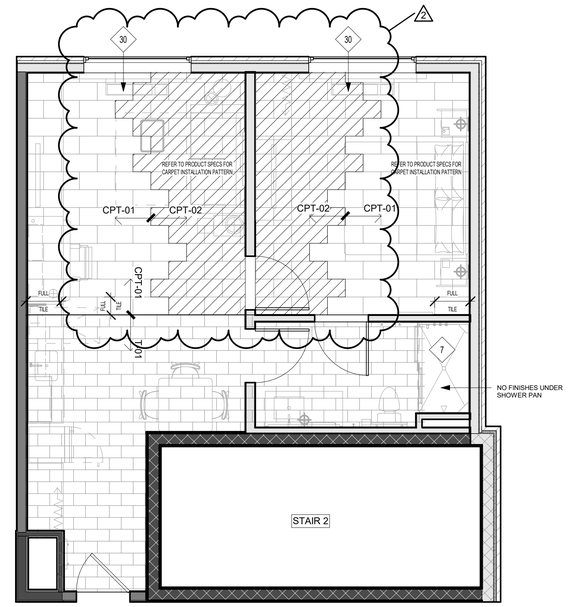

## C3 KING ONE BEDROOM - HEADBOARD WALL
1/2" = 1'-0"



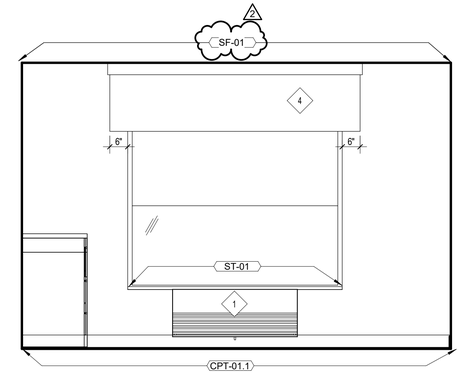

## C2 KING ONE BEDROOM - WORKING WALL
1/2" = 1'-0"



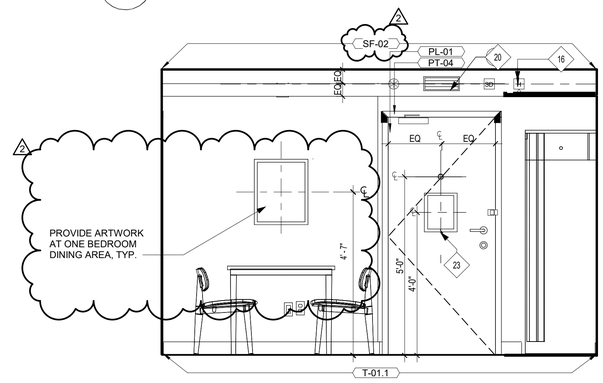

## C1 KING ONE BEDROOM SUITE - RCP
1/4" = 1'-0"



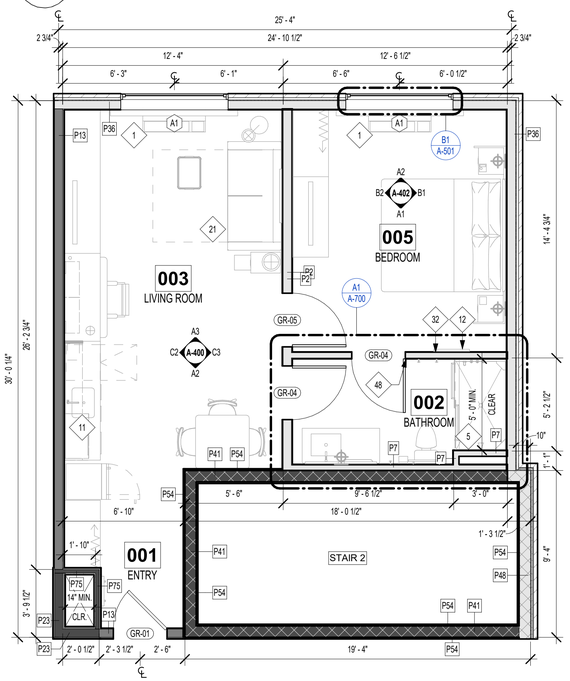

## B1 KING ONE BEDROOM SUITE - FINISH PLAN
1/4" = 1'-0"




## A3 KING ONE BEDROOM - WINDOW NA
1/2" = 1'-0"




## A2 KING ONE BEDROOM - ENTRY
1/2" = 1'-0"




## A1 KING ONE BEDROOM SUITE - FLOOR PLAN
1/4" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-600 FOR DOOR & WINDOW SCHEDULES

## UNIT PLAN LEGEND

- PARTIAL HEIGHT PARTITION
- **P1** WALL (UNLESS NOTED OTHERWISE); SEE PARTITION SCHEDULE FOR ASSEMBLY INFORMATION
- PT-01 — FINISH TAG
- 101 — DOOR TAG
- ACCESSIBLE ROUTE (36" CLEAR; 32" MIN REQ'D @ DOOR OPENING PER ANSI A117.1)

## UNIT FINISH LEGEND

- CPT-01 -- CARPET TILE
- CPT-02 -- CARPET TILE
- T-01 -- TILE

## UNIT RCP LEGEND

- **C3** - GWB ON METAL STUD
- RETURN GRILL
- 9' - 0" AFF — INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

## KEYNOTE LEGEND

| | |
|---|---|
| 1 | PTAC UNIT |
| 4 | MANUAL BLACK OUT ROLLER SHADE TO EXTEND 6" BEYOND WINDOW OPENING; SHEER ROLLER SHADE TO BE MOUNTED INSIDE WINDOW OPENING |
| 5 | SHOWER ENCLOSURE W/TEMPERED GLASS DOOR |
| 7 | PREMANUFACTURED SHOWER PAN |
| 10 | DEDICATED CIRCUIT FOR DISHWASHER |
| 11 | RANGE TOP STYLE MICROWAVE AFFIXED TO WALL |
| 12 | MIRROR |
| 14 | SWITCH CONTROLLING GARBAGE DISPOSAL GANGED WITH DUPLEX - REFER TO HADG FOR ACCESSIBLE ROOM REQUIREMENTS |
| 15 | DEDICATED CIRCUIT FOR GARBAGE DISPOSAL |
| 16 | FIRE HORN IN STANDARD ROOMS. FIRE HORN/STROBE IN COMMUNICATION FEATURES ROOMS |
| 19 | TOILET EXHAUST GRILLE |
| 20 | MAKE-UP AIR DIFFUSER |
| 21 | EXTENT OF SLEEPER SOFA |
| 23 | ROOM SIGNAGE |
| 24 | HARD WIRED THERMOSTAT FOR PTAC. MOUNTED 48" MAX TO TOP OF DEVICE. COMMUNICATION BETWEEN THERMOSTAT AND PTAC MAY BE WIRELESS. |
| 25 | EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL |
| 28 | DOORBELL ON/OF SWITCH (COMMUNICATION FEATURES ROOMS ONLY) SIGNAGE AS REQ'D. |
| 30 | EDGE OF PTAC ABOVE CARPET TILES |
| 31 | MIN. CEILING HEIGHT MUST BE MAINTAINED - REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL |
| 32 | FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT |
| 36 | OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE |
| 39 | CENTER ARTWORK OVER SOFA |
| 41 | GRAPHIC ART. REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN |
| 44 | WAP IN 3-GANG BOX MOUNTED VERTICALLY UNDER DESK. MAINTAIN 6" BETWEEN ALL BOXES, TYP ALL GUESTROOMS. COORDINATE WAP LOCATION WITH CASEGOODS TO AVOID CONFLICTS. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT WIRELESS INTERNET REQ'S AND LIST OF APPROVED INTEGRATORS. |
| 45 | EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT REQUIREMENTS AND OPTIONS. |
| 46 | WIRED DATA CONNECTION FOR GUEST USE: PROVIDE CAT6 RJ-45 ABOVE THE DESK (36" AFF). RUN IN SMURF TUBE IN THE WALL TO THE WAP UNDER THE DESK. |
| 47 | TV CONNECTIONS FOR FREE-TO-GUEST CONTENT: A) NO SMART TV:COAX CABLE BEHIND TV. CAT6 RJ-45 JACK BEHIND TV, RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. MIN. 6" CLEARANCE FROM WALL BOXES - OR - B) SMART TV-INTERNET PROTOCOL TELEVISION (IPTV); COAX NOT REQ'D. CAT6 RJ-45 JACK BEHIND TV RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. CAT6 RJ-45 JACK BEHIND TV IN ONE-BEDROOM TV. MIN. 6" CLEARANCE FROM WALL BOXES. VISIT HILTONHDTV.COM FOR ADDITIONAL INFORMATION. |
| 48 | PROVIDE HINGE STOP AT DOOR |
| 49 | HARDWIRED BLACK OUT ROLLER SHADE WITH NO EXPOSED WIRES |

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSE
NUMBER A-7305
REGISTERED ARCHITECT

# HOME2 SUITES BY HILTON
LEE'S SUMMIT, MO

SHEET TITLE
KING ONE BEDROOM SUITE

PROJECT NUMBER: 22023

SHEET NUMBER:

A-400

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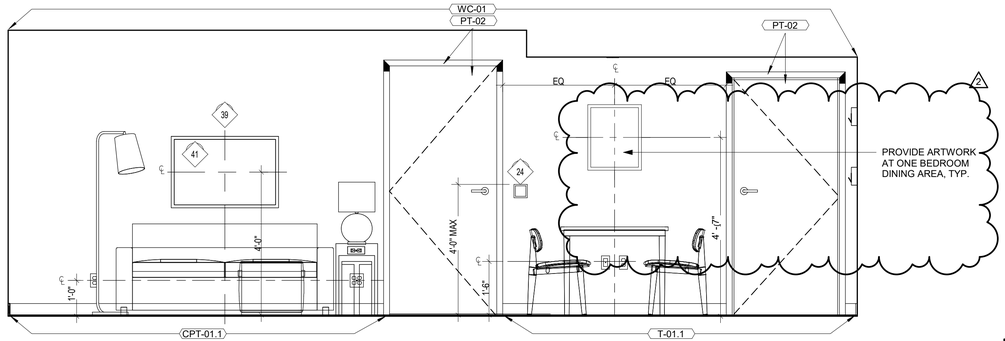
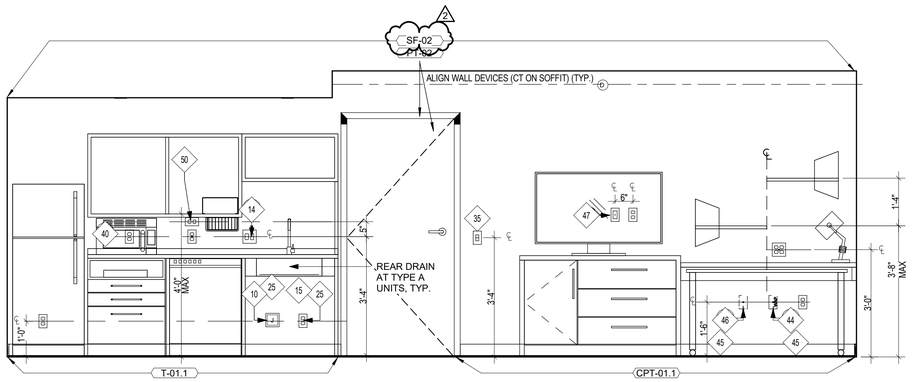
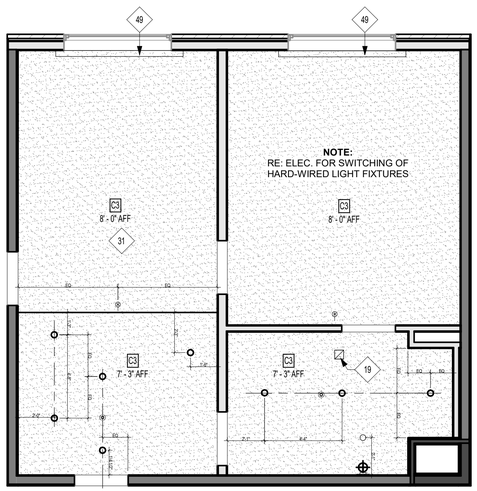


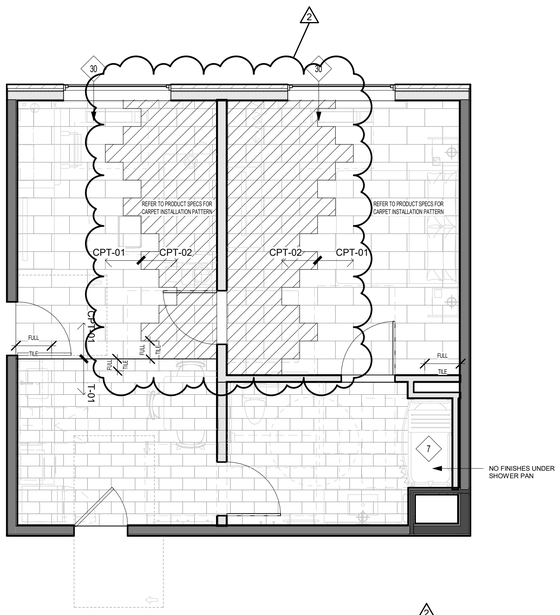

## C3 KING ONE BED ACC. - SOFA & DINING
1/2" = 1'-0"



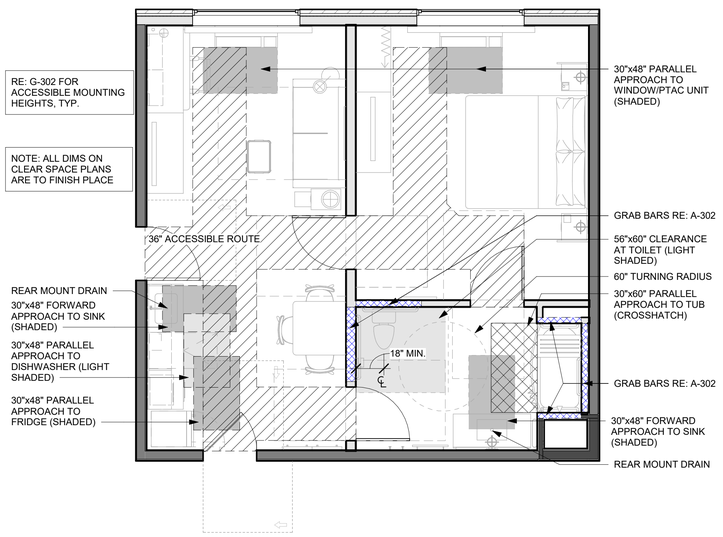

## C2 KING ONE BED ACC. - WORKING WALL
1/2" = 1'-0"



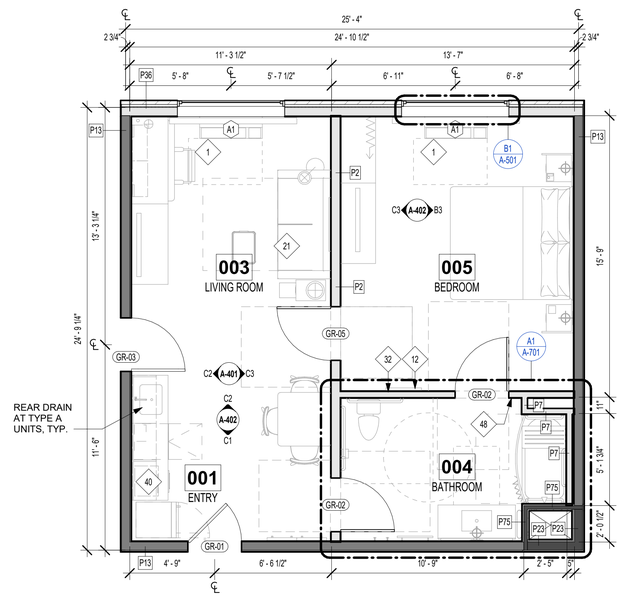

## B2 KING ONE BEDROOM SUITE - ACCESSIBLE - RCP
1/4" = 1'-0"




## C1 KING ONE BEDROOM SUITE - ACCESSIBLE - FINISH PLAN
1/4" = 1'-0"




## B1 KING ONE BEDROOM SUITE - ACCESSIBLE - CLEAR SPACE PLAN
1/4" = 1'-0"




## A1 KING ONE BEDROOM SUITE - ACCESSIBLE - FLOOR PLAN
1/4" = 1'-0"

## UNIT PLAN LEGEND

- PARTIAL HEIGHT PARTITION
- **P1** WALL (UNLESS NOTED OTHERWISE); SEE PARTITION SCHEDULE FOR ASSEMBLY INFORMATION
- PT-01 — FINISH TAG
- 101 — DOOR TAG
- ACCESSIBLE ROUTE (36" CLEAR; 32" MIN REQ'D @ DOOR OPENING PER ANSI A117.1)

## UNIT FINISH LEGEND

- CPT-01 -- CARPET TILE
- CPT-02 -- CARPET TILE
- T-01 -- TILE

## UNIT RCP LEGEND

- **C3** - GWB ON METAL STUD
- RETURN GRILL
- 9' - 0" AFF — INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-600 FOR DOOR & WINDOW SCHEDULES

## KEYNOTE LEGEND

| | |
|---|---|
| 1 | PTAC UNIT |
| 7 | PREMANUFACTURED SHOWER PAN |
| 10 | DEDICATED CIRCUIT FOR DISHWASHER |
| 12 | MIRROR |
| 14 | SWITCH CONTROLLING GARBAGE DISPOSAL GANGED WITH DUPLEX - REFER TO HADG FOR ACCESSIBLE ROOM REQUIREMENTS |
| 15 | DEDICATED CIRCUIT FOR GARBAGE DISPOSAL |
| 19 | TOILET EXHAUST GRILLE |
| 21 | EXTENT OF SLEEPER SOFA |
| 24 | HARD WIRED THERMOSTAT FOR PTAC. MOUNTED 48" MAX TO TOP OF DEVICE. COMMUNICATION BETWEEN THERMOSTAT AND PTAC MAY BE WIRELESS. |
| 25 | EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL |
| 30 | EDGE OF PTAC ABOVE CARPET TILES |
| 31 | MIN. CEILING HEIGHT MUST BE MAINTAINED - REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL |
| 32 | FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT |
| 35 | SWITHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL |
| 39 | CENTER ARTWORK OVER SOFA |
| 40 | COUNTERTOP MICROWAVE |
| 41 | GRAPHIC ART. REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN |
| 44 | WAP IN 3-GANG BOX MOUNTED VERTICALLY UNDER DESK. MAINTAIN 6" BETWEEN ALL BOXES, TYP ALL GUESTROOMS. COORDINATE WAP LOCATION WITH CASEGOODS TO AVOID CONFLICTS. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT WIRELESS INTERNET REQ'S AND LIST OF APPROVED INTEGRATORS. |
| 45 | EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT REQUIREMENTS AND OPTIONS. |
| 46 | WIRED DATA CONNECTION FOR GUEST USE: PROVIDE CAT6 RJ-45 ABOVE THE DESK (36" AFF), RUN IN SMURF TUBE IN THE WALL TO THE WAP UNDER THE DESK. |
| 47 | TV CONNECTIONS FOR FREE-TO-GUEST CONTENT: A) NO SMART TV,COAX CABLE BEHIND TV. CAT6 RJ-45 JACK BEHIND TV, RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. MIN. 6" CLEARANCE FROM WALL BOXES - OR - B) SMART TV-INTERNET PROTOCOL TELEVISION (IPTV); COAX NOT REQ'D. CAT6 RJ-45 JACK BEHIND TV RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. CAT6 RJ-45 JACK BEHIND TV IN ONE-BEDROOM TV. MIN. 6" CLEARANCE FROM WALL BOXES. VISIT HILTONHDTV.COM FOR ADDITIONAL INFORMATION. |
| 48 | PROVIDE HINGE STOP AT DOOR |
| 49 | HARDWIRED BLACK OUT ROLLER SHADE WITH NO EXPOSED WIRES |
| 50 | PROVIDE OUTLET FOR UNDERCABINET LIGHTING BY OTHERS |

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSON
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON
LEE'S SUMMIT, MO

SHEET TITLE
KING ONE BEDROOM SUITE - ACCESSIBLE

PROJECT NUMBER: 22023

SHEET NUMBER:
A-401

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REFERENCE G-003 FOR GENERAL NOTES

## KEYNOTE LEGEND

| | |
|---|---|
| 1 | PTAC UNIT |
| 4 | MANUAL BLACK OUT ROLLER SHADE TO EXTEND 6" BEYOND WINDOW OPENING; SHEER ROLLER SHADE TO BE MOUNTED INSIDE WINDOW OPENING |
| 12 | MIRROR |
| 16 | FIRE HORN IN STANDARD ROOMS. FIRE HORN/STROBE IN COMMUNICATION FEATURES ROOMS |
| 20 | MAKE-UP AIR DIFFUSER |
| 23 | ROOM SIGNAGE |
| 24 | HARD WIRED THERMOSTAT FOR PTAC. MOUNTED 48" MAX TO TOP OF DEVICE. COMMUNICATION BETWEEN THERMOSTAT AND PTAC MAY BE WIRELESS. |
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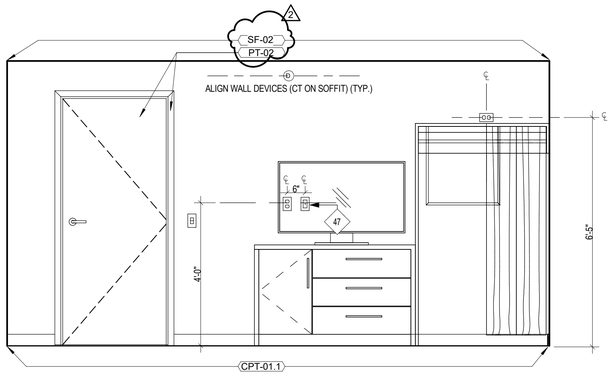
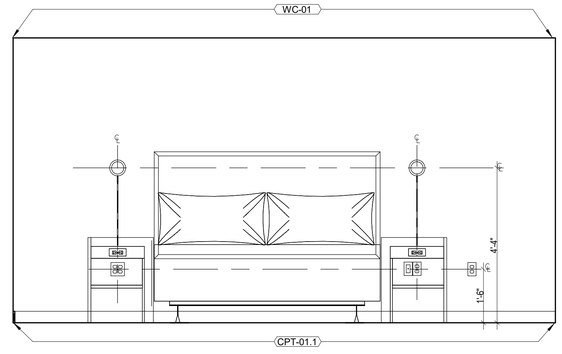
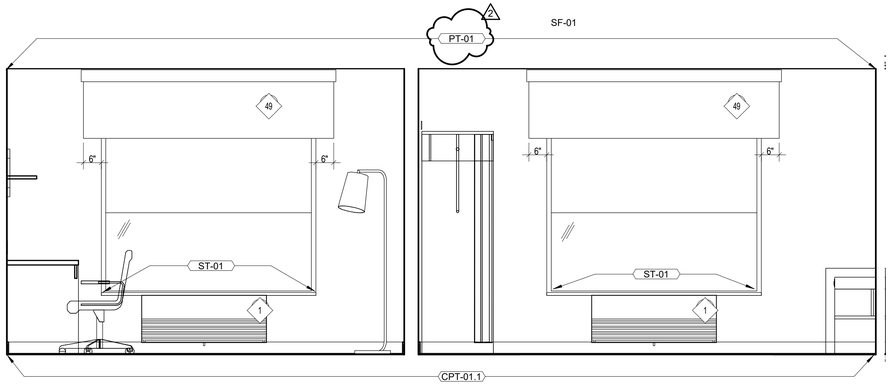
| 49 | HARDWIRED BLACK OUT ROLLER SHADE WITH NO EXPOSED WIRES |



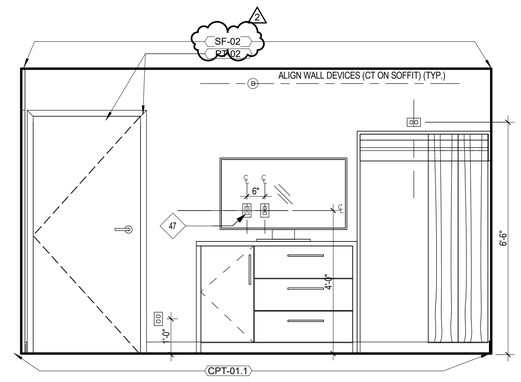

C3 KING ONE BED ACC. - BEDROOM CLOSET
1/2" = 1'-0"



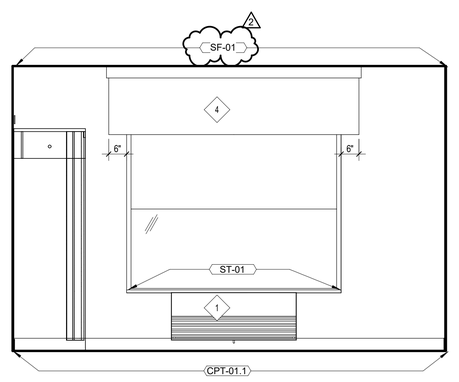

B3 KING ONE BED ACC. - HEADBOARD
1/2" = 1'-0"



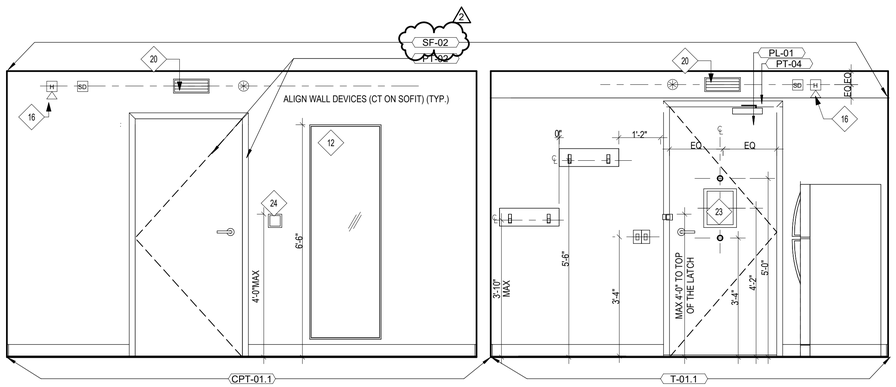

C2 KING ONE BED ACC. - WINDOW WALL
1/2" = 1'-0"



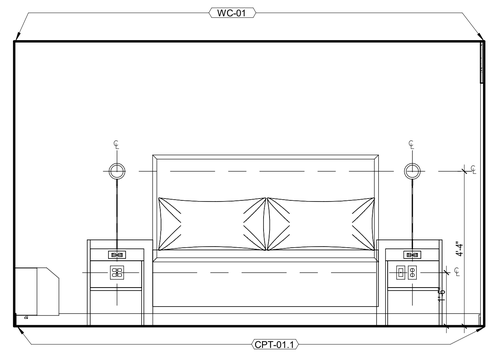

B2 KING ONE BEDROOM - BEDROOM STORAGE
1/2" = 1'-0"



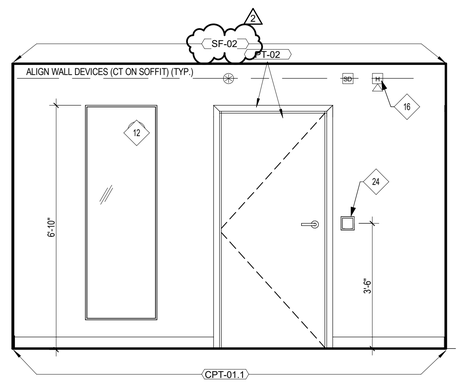

A2 KING ONE BEDROOM - BEDROOM WINDOW
1/2" = 1'-0"




C1 KING ONE BED ACC. - ENTRY
1/2" = 1'-0"




B1 KING ONE BEDROOM - HEADBOARD
1/2" = 1'-0"




A1 KING ONE BEDROOM - BATH ENTRY
1/2" = 1'-0"

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STATE OF MISSOURI
DAVID EUGENE HENDRIXS
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

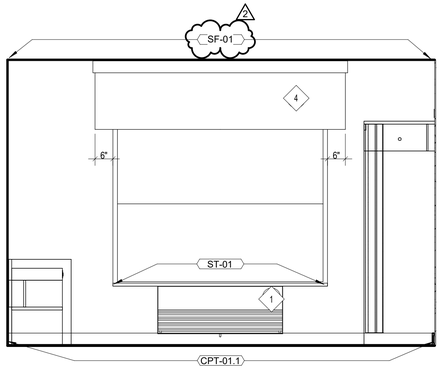
LEE'S SUMMIT, MO

SHEET TITLE
KING ONE BEDROOM SUITES - ELEVATIONS

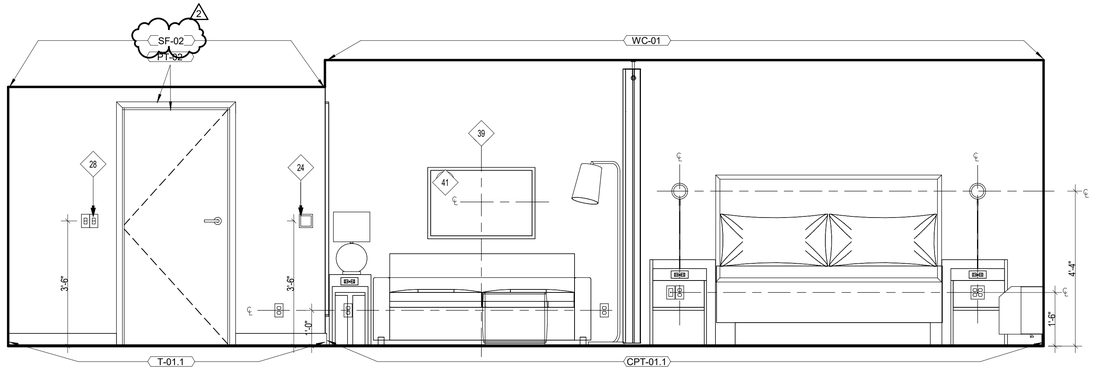
PROJECT NUMBER: 22023

SHEET NUMBER:

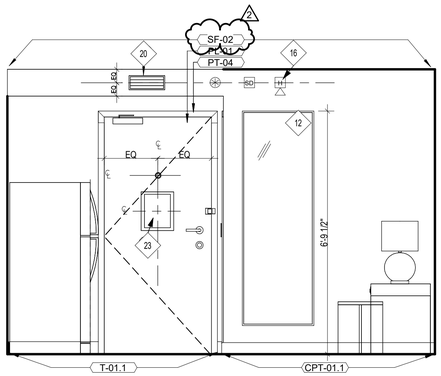
A-402



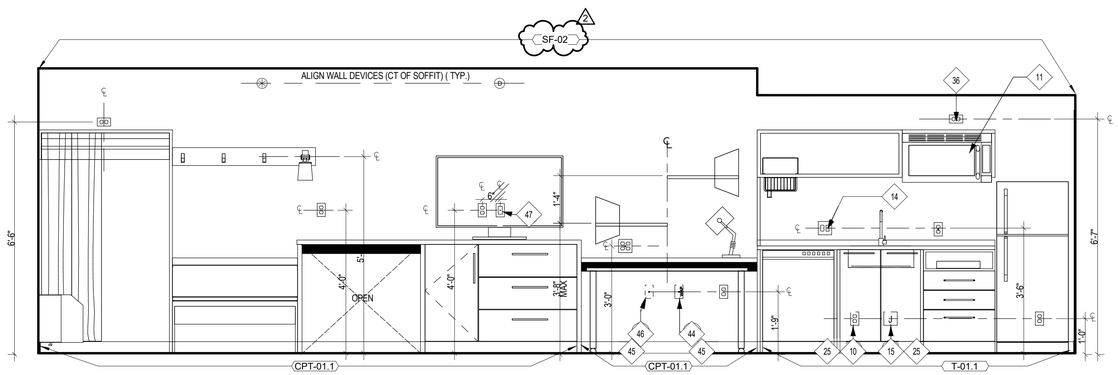

C3 KING STUDIO - WINDOW
1/2" = 1'-0"



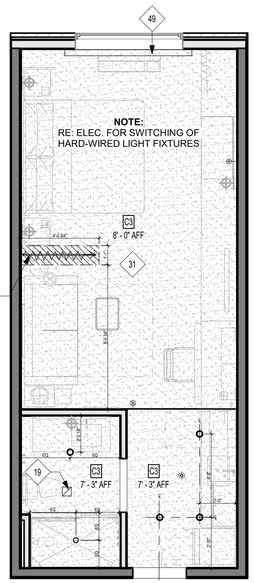

B3 KING STUDIO - HEADBOARD WALL
1/2" = 1'-0"



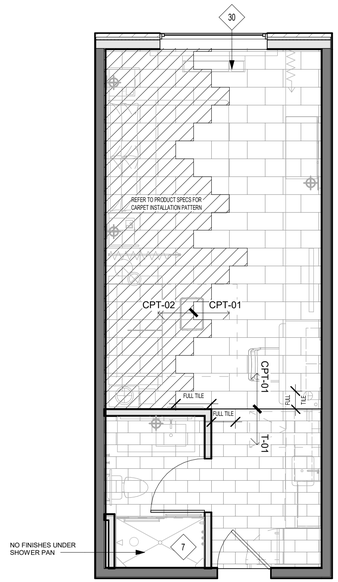

C2 KING STUDIO - ENTRY
1/2" = 1'-0"



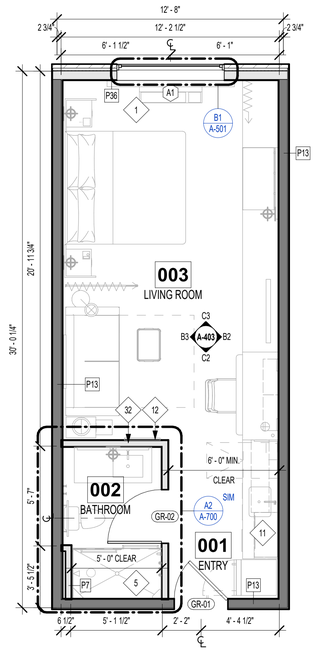

B2 KING STUDIO - WORKING WALL
1/2" = 1'-0"




C1 KING STUDIO SUITE - RCP
1/4" = 1'-0"




B1 KING STUDIO SUITE - FINISH PLAN
1/4" = 1'-0"




A1 KING STUDIO SUITE - FLOOR PLAN
1/4" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-600 FOR DOOR & WINDOW SCHEDULES

## UNIT PLAN LEGEND

- PARTIAL HEIGHT PARTITION
- **P1** WALL (UNLESS NOTED OTHERWISE); SEE PARTITION SCHEDULE FOR ASSEMBLY INFORMATION
- PT-01 — FINISH TAG
- 101 — DOOR TAG
- ACCESSIBLE ROUTE (36" CLEAR; 32" MIN REQ'D @ DOOR OPENING PER ANSI A117.1)

## UNIT FINISH LEGEND

- CPT-01 -- CARPET TILE
- CPT-02 -- CARPET TILE
- T-01 -- TILE

## UNIT RCP LEGEND

- **C3** - GWB ON METAL STUD
- RETURN GRILL
- 9' - 0" AFF — INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

## KEYNOTE LEGEND

| | |
|---|---|
| 1 | PTAC UNIT |
| 4 | MANUAL BLACK OUT ROLLER SHADE TO EXTEND 6" BEYOND WINDOW OPENING; SHEER ROLLER SHADE TO BE MOUNTED INSIDE WINDOW OPENING |
| 5 | SHOWER ENCLOSURE W/TEMPERED GLASS DOOR |
| 7 | PREMANUFACTURED SHOWER PAN |
| 10 | DEDICATED CIRCUIT FOR DISHWASHER |
| 11 | RANGE TOP STYLE MICROWAVE AFFIXED TO WALL |
| 12 | MIRROR |
| 14 | SWITCH CONTROLLING GARBAGE DISPOSAL GANGED WITH DUPLEX - REFER TO HADG FOR ACCESSIBLE ROOM REQUIREMENTS |
| 15 | DEDICATED CIRCUIT FOR GARBAGE DISPOSAL |
| 16 | FIRE HORN IN STANDARD ROOMS, FIRE HORN/STROBE IN COMMUNICATION FEATURES ROOMS |
| 19 | TOILET EXHAUST GRILLE |
| 20 | MAKE-UP AIR DIFFUSER |
| 23 | ROOM SIGNAGE |
| 24 | HARD WIRED THERMOSTAT FOR PTAC. MOUNTED 48" MAX TO TOP OF DEVICE. COMMUNICATION BETWEEN THERMOSTAT AND PTAC MAY BE WIRELESS. |
| 25 | EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL |
| 28 | DOORBELL ON/OF SWITCH (COMMUNICATION FEATURES ROOMS ONLY) SIGNAGE AS REQ'D. |
| 30 | EDGE OF PTAC ABOVE CARPET TILES |
| 31 | MIN. CEILING HEIGHT MUST BE MAINTAINED - REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL |
| 32 | FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT |
| 36 | OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE |
| 39 | CENTER ARTWORK OVER SOFA |
| 41 | GRAPHIC ART. REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN |
| 44 | WAP IN 3-GANG BOX MOUNTED VERTICALLY UNDER DESK. MAINTAIN 6" BETWEEN ALL BOXES, TYP ALL GUESTROOMS. COORDINATE WAP LOCATION WITH CASEGOODS TO AVOID CONFLICTS. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT WIRELESS INTERNET REQ'S AND LIST OF APPROVED INTEGRATORS. |
| 45 | EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT REQUIREMENTS AND OPTIONS. |
| 46 | WIRED DATA CONNECTION FOR GUEST USE: PROVIDE CAT6 RJ-45 ABOVE THE DESK (36" AFF), RUN IN SMURF TUBE IN THE WALL TO THE WAP UNDER THE DESK. |
| 47 | TV CONNECTIONS FOR FREE-TO-GUEST CONTENT: A) NO SMART TV:COAX CABLE BEHIND TV. CAT6 RJ-45 JACK BEHIND TV, RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. MIN. 6" CLEARANCE FROM WALL BOXES - OR - B) SMART TV-INTERNET PROTOCOL TELEVISION (IPTV); COAX NOT REQ'D. CAT6 RJ-45 JACK BEHIND TV RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. CAT6 RJ-45 JACK BEHIND TV IN ONE-BEDROOM TV. MIN. 6" CLEARANCE FROM WALL BOXES. VISIT HILTONHDTV.COM FOR ADDITIONAL INFORMATION. |
| 49 | HARDWIRED BLACK OUT ROLLER SHADE WITH NO EXPOSED WIRES |

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STATE OF MISSOURI
DAVID EUGENE HENDRIX
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
KING STUDIO SUITE

PROJECT NUMBER: 22023

SHEET NUMBER:

A-403

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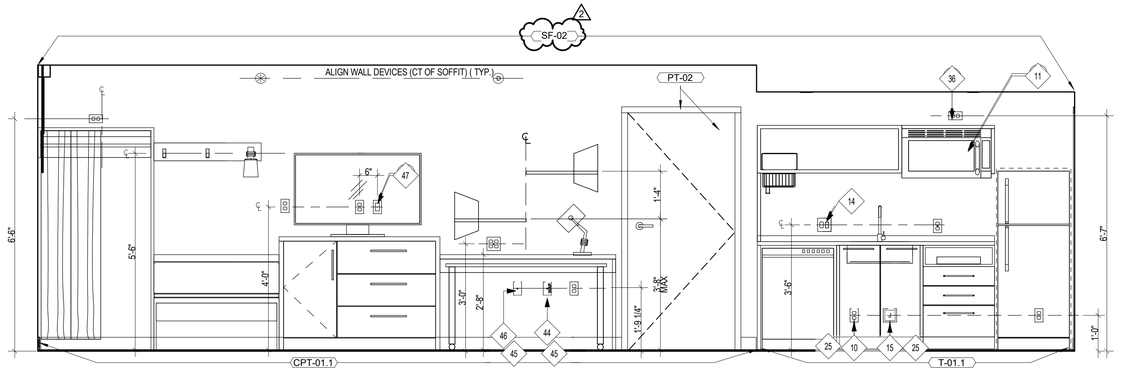
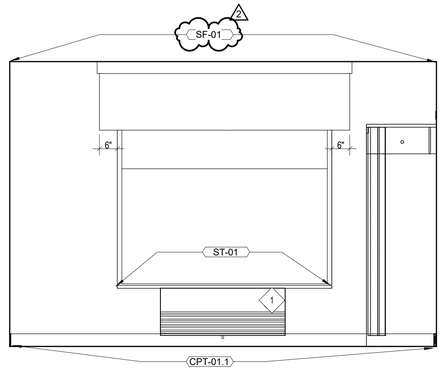
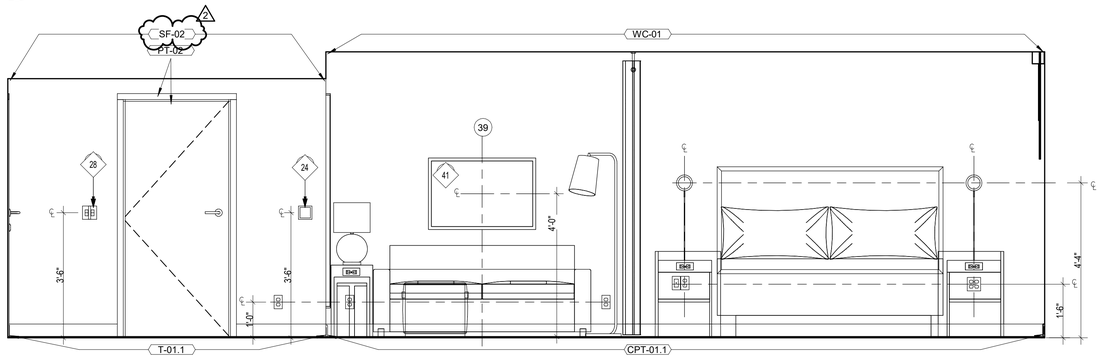


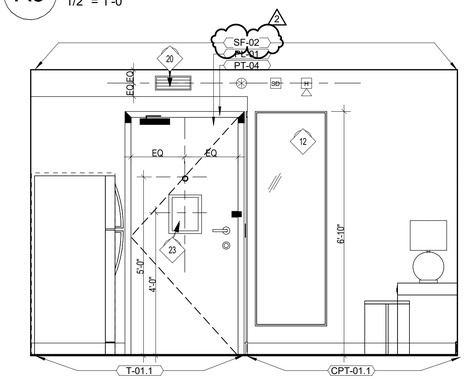

## C3 KING STUDIO CONN. - WORKING WALL
1/2" = 1'-0"



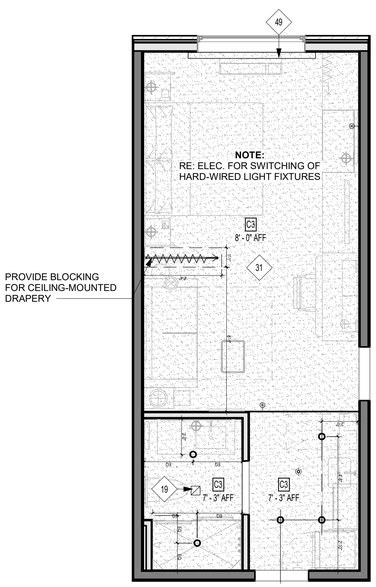

## A3 KING STUDIO CONN. - WINDOW
1/2" = 1'-0"



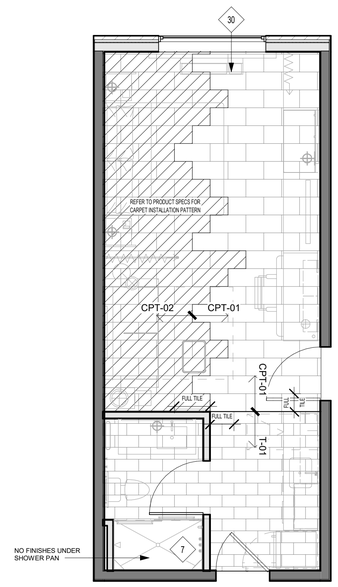

## C2 KING STUDIO CONN. - HEADBOARD
1/2" = 1'-0"



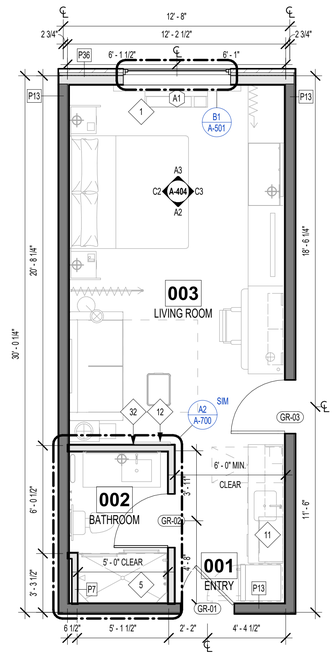

## A2 KING STUDIO CONN. - ENTRY
1/2" = 1'-0"




## C1 KING STUDIO SUITE - CONNECTOR - RCP
1/4" = 1'-0"




## B1 KING STUDIO SUITE - CONNECTOR - FINISH PLAN
1/4" = 1'-0"




## A1 KING STUDIO SUITE - CONNECTOR - FLOOR PLAN
1/4" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-600 FOR DOOR & WINDOW SCHEDULES

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| | |
|---|---|
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| PT-01 | FINISH TAG |
| 101 | DOOR TAG |
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## UNIT FINISH LEGEND

| | |
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| | CPT-02 -- CARPET TILE |
| | T-01 -- TILE |

## UNIT RCP LEGEND

| | |
|---|---|
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| 9' - 0" AFF | INDICATES CEILING HEIGHT, BELOW MATERIAL TAG |

## KEYNOTE LEGEND

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|---|---|
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| 5 | SHOWER ENCLOSURE W/TEMPERED GLASS DOOR |
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| 10 | DEDICATED CIRCUIT FOR DISHWASHER |
| 11 | RANGE TOP STYLE MICROWAVE AFFIXED TO WALL |
| 12 | MIRROR |
| 14 | SWITCH CONTROLLING GARBAGE DISPOSAL GANGED WITH DUPLEX - REFER TO HADG FOR ACCESSIBLE ROOM REQUIREMENTS |
| 15 | DEDICATED CIRCUIT FOR GARBAGE DISPOSAL |
| 19 | TOILET EXHAUST GRILLE |
| 20 | MAKE-UP AIR DIFFUSER |
| 23 | ROOM SIGNAGE |
| 24 | HARD WIRED THERMOSTAT FOR PTAC. MOUNTED 48" MAX TO TOP OF DEVICE. COMMUNICATION BETWEEN THERMOSTAT AND PTAC MAY BE WIRELESS. |
| 25 | EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL |
| 28 | DOORBELL ON/OF SWITCH (COMMUNICATION FEATURES ROOMS ONLY) SIGNAGE AS REQ'D. |
| 30 | EDGE OF PTAC ABOVE CARPET TILES |
| 31 | MIN. CEILING HEIGHT MUST BE MAINTAINED - REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL |
| 32 | FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT |
| 36 | OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE |
| 41 | GRAPHIC ART. REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN |
| 44 | WAP IN 3-GANG BOX MOUNTED VERTICALLY UNDER DESK. MAINTAIN 6" BETWEEN ALL BOXES, TYP ALL GUESTROOMS. COORDINATE WAP LOCATION WITH CASEGOODS TO AVOID CONFLICTS. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT WIRELESS INTERNET REQ'S AND LIST OF APPROVED INTEGRATORS. |
| 45 | EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT REQUIREMENTS AND OPTIONS. |
| 46/2 | WIRED DATA CONNECTION FOR GUEST USE: PROVIDE CAT6 RJ-45 ABOVE THE DESK (36" AFF), RUN IN SMURF TUBE IN THE WALL TO THE WAP UNDER THE DESK. |
| 47 | TV CONNECTIONS FOR FREE-TO-GUEST CONTENT: A) NO SMART TV:COAX CABLE BEHIND TV. CAT6 RJ-45 JACK BEHIND TV, RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. MIN. 6" CLEARANCE FROM WALL BOXES - OR - B) SMART TV-INTERNET PROTOCOL TELEVISION (IPTV); COAX NOT REQ'D. CAT6 RJ-45 JACK BEHIND TV RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. CAT6 RJ-45 JACK BEHIND TV IN ONE-BEDROOM TV. MIN. 6" CLEARANCE FROM WALL BOXES. VISIT HILTONHDTV.COM FOR ADDITIONAL INFORMATION. |
| 49 | HARDWIRED BLACK OUT ROLLER SHADE WITH NO EXPOSED WIRES |

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04/17/2024 - CITY SUBMISSION

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STATE OF MISSOURI
DAVID EUGENE HENDRICKS
NUMBER A-7305
REGISTERED ARCHITECT

# HOME2 SUITES BY HILTON
LEE'S SUMMIT, MO

SHEET TITLE
KING STUDIO SUITE - CONNECTOR

PROJECT NUMBER: 22023

SHEET NUMBER:

A-404

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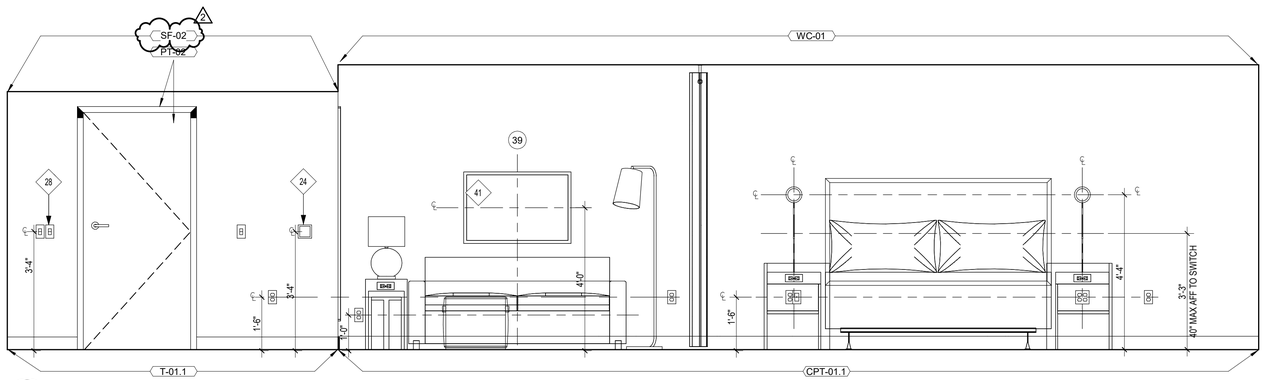
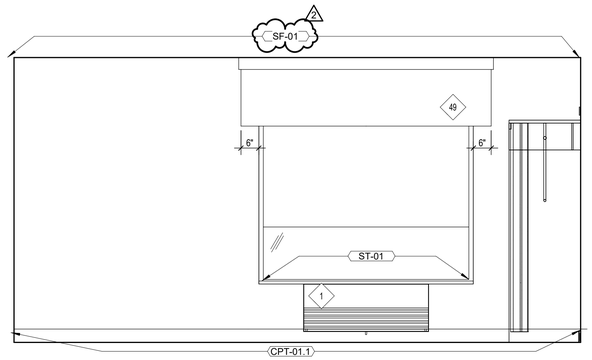
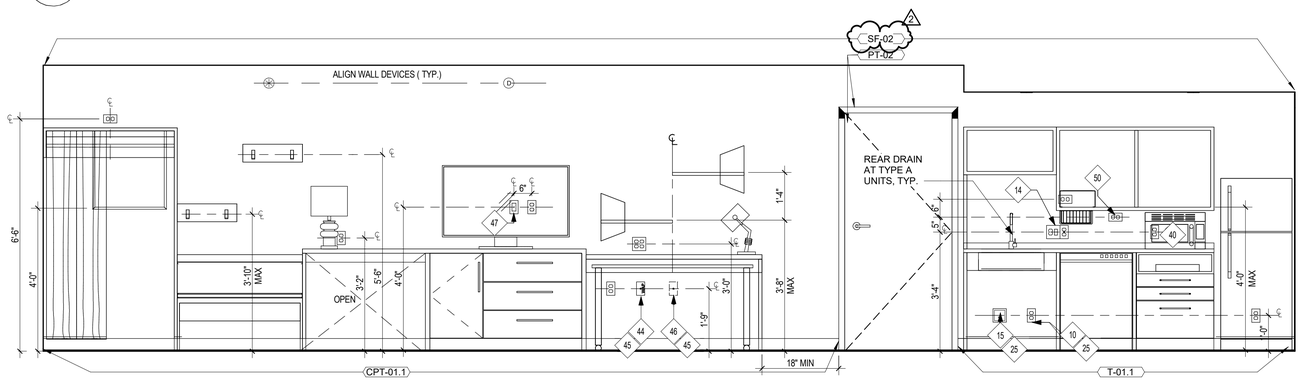


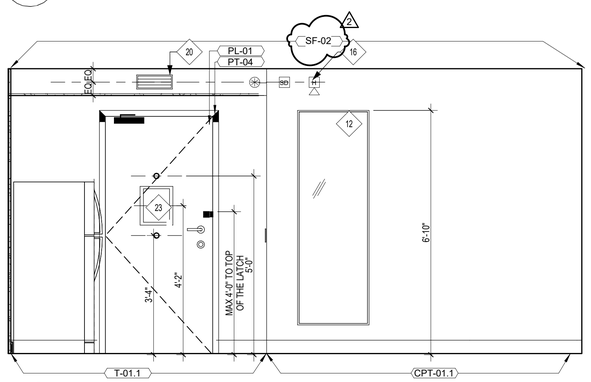

D3 KING STUDIO ACC. - HEADBOARD WALL
1/2" = 1'-0"




A3 KING STUDIO ACC. - WINDOW
1/2" = 1'-0"




D2 KING STUDIO ACC. - WORKING WALL
1/2" = 1'-0"




A2 KING STUDIO ACC. - ENTRY
1/2" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-600 FOR DOOR & WINDOW SCHEDULES

## UNIT PLAN LEGEND

- PARTIAL HEIGHT PARTITION
- **P1** WALL (UNLESS NOTED OTHERWISE); SEE PARTITION SCHEDULE FOR ASSEMBLY INFORMATION
- PT-01 — FINISH TAG
- 101 — DOOR TAG
- ACCESSIBLE ROUTE (36" CLEAR; 32" MIN REQ'D @ DOOR OPENING PER ANSI A117.1)

## UNIT FINISH LEGEND

- CPT-01 -- CARPET TILE
- CPT-02 -- CARPET TILE
- T-01 -- TILE

## UNIT RCP LEGEND

- **C3** - GWB ON METAL STUD
- RETURN GRILL
- 9' - 0" AFF — INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

## KEYNOTE LEGEND

1 PTAC UNIT
7 PREMANUFACTURED SHOWER PAN
10 DEDICATED CIRCUIT FOR DISHWASHER
12 MIRROR
14 SWITCH CONTROLLING GARBAGE DISPOSAL GANGED WITH DUPLEX - REFER TO HADG FOR ACCESSIBLE ROOM REQUIREMENTS
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23 ROOM SIGNAGE
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41 GRAPHIC ART. REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
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49 HARDWIRED BLACK OUT ROLLER SHADE WITH NO EXPOSED WIRES
50 PROVIDE OUTLET FOR UNDERCABINET LIGHTING BY OTHERS

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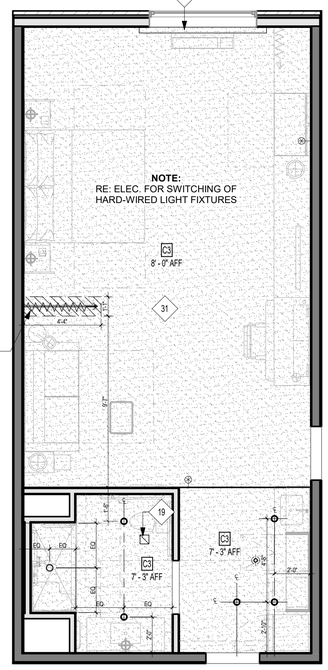
STATE OF MISSOURI
DAVID EUGENE HENDRICKS
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON
LEE'S SUMMIT, MO

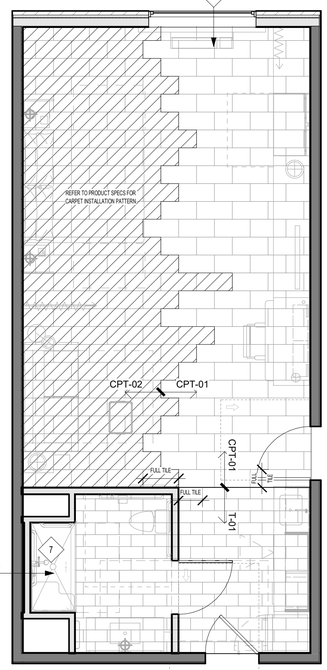
SHEET TITLE
KING STUDIO SUITE - ACCESSIBLE

PROJECT NUMBER: 22023

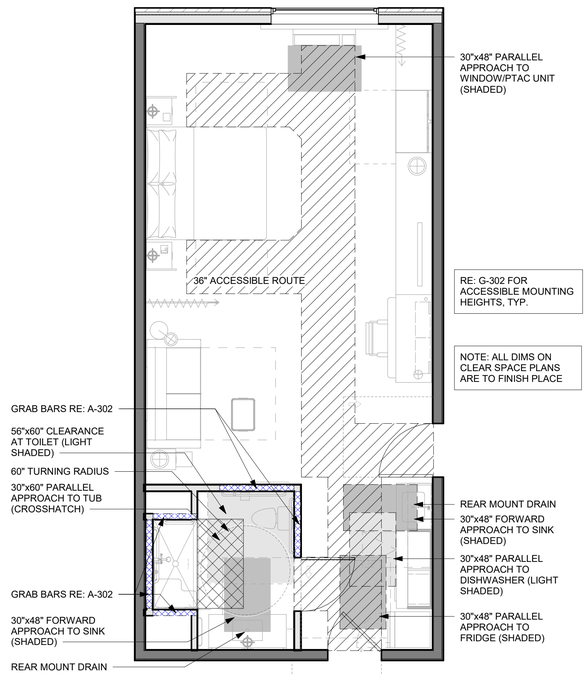
SHEET NUMBER:
A-405



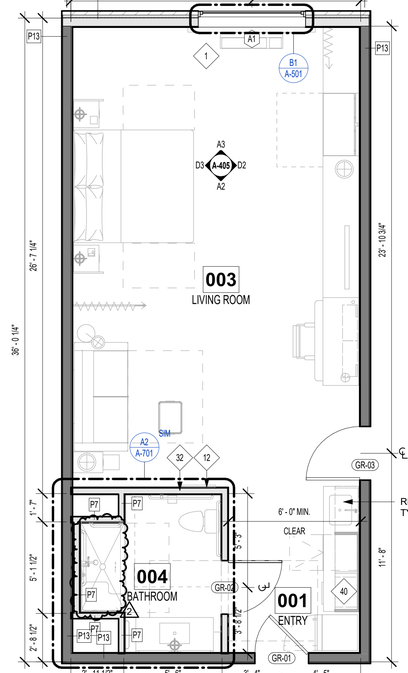

D1 KING STUDIO SUITE - ACCESSIBLE - RCP
1/4" = 1'-0"




C1 KING STUDIO SUITE - ACCESSIBLE - FINISH PLAN
1/4" = 1'-0"




B1 KING STUDIO SUITE - ACCESSIBLE - CLEAR SPACE PLAN
1/4" = 1'-0"




A1 KING STUDIO SUITE - ACCESSIBLE - FLOOR PLAN
1/4" = 1'-0"

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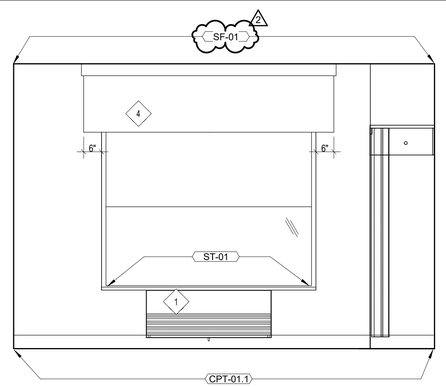
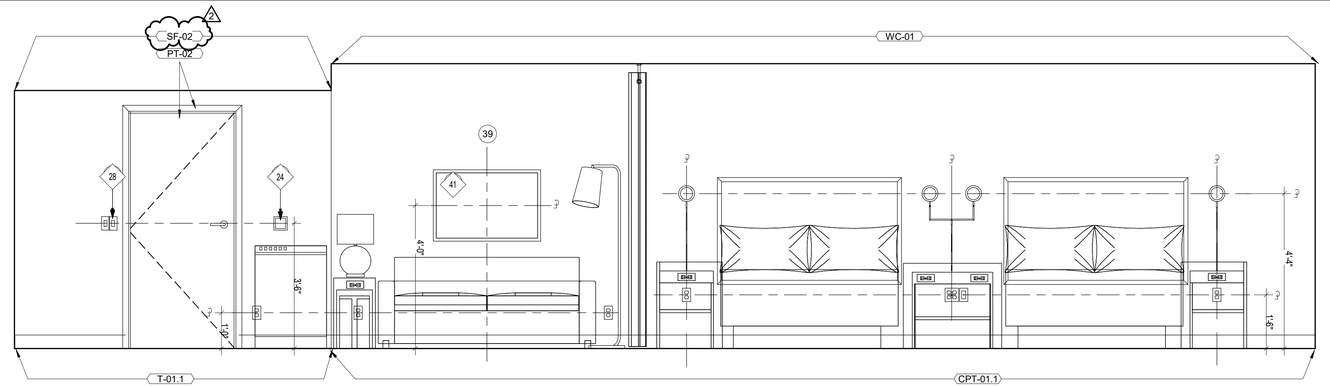
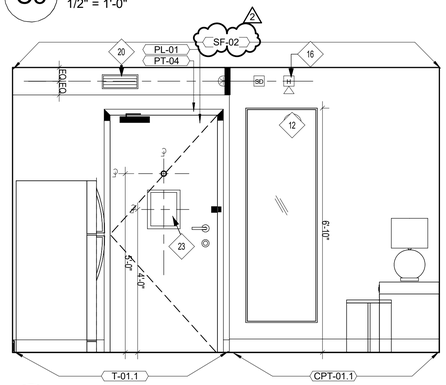


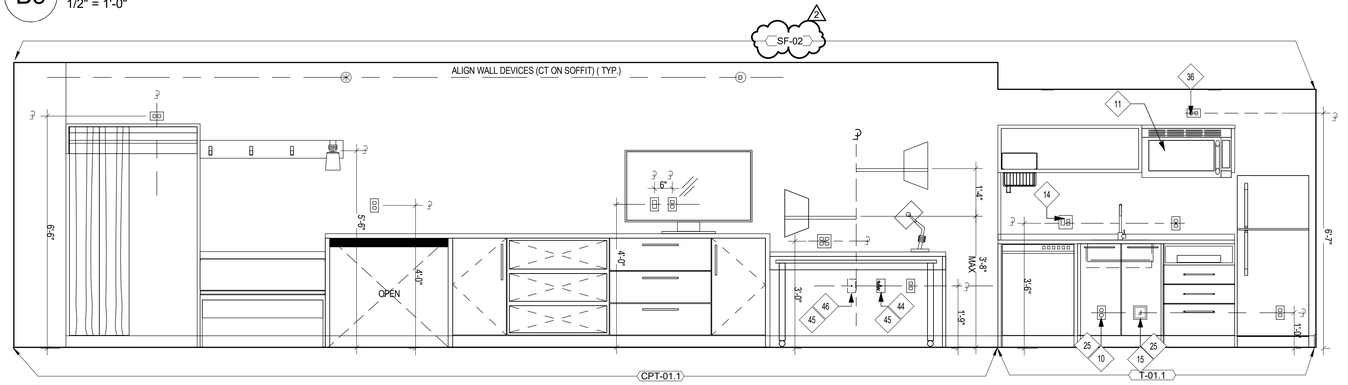

## C3 QQ STUDIO - WINDOW
1/2" = 1'-0"



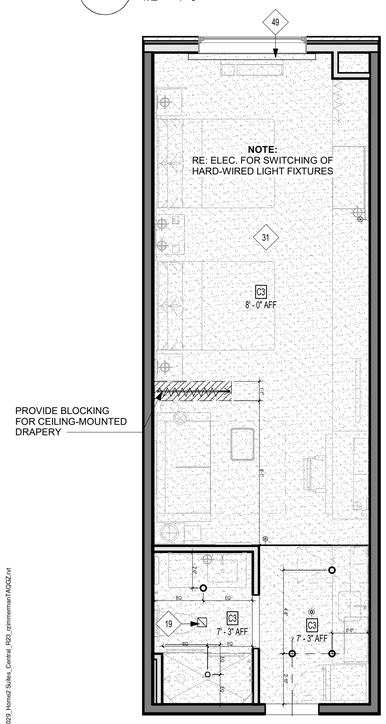

## B3 QQ STUDIO - HEADBOARD WALL
1/2" = 1'-0"



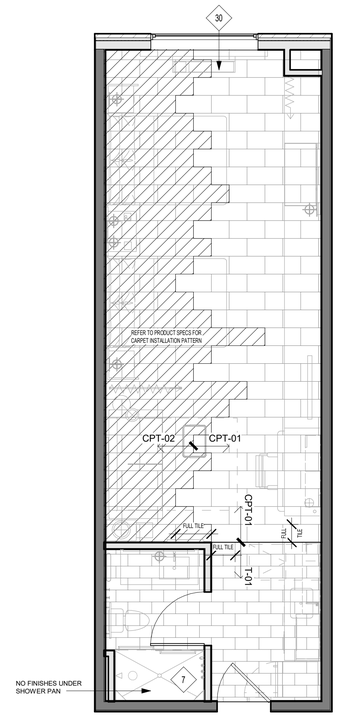

## C2 QQ STUDIO - ENTRY
1/2" = 1'-0"



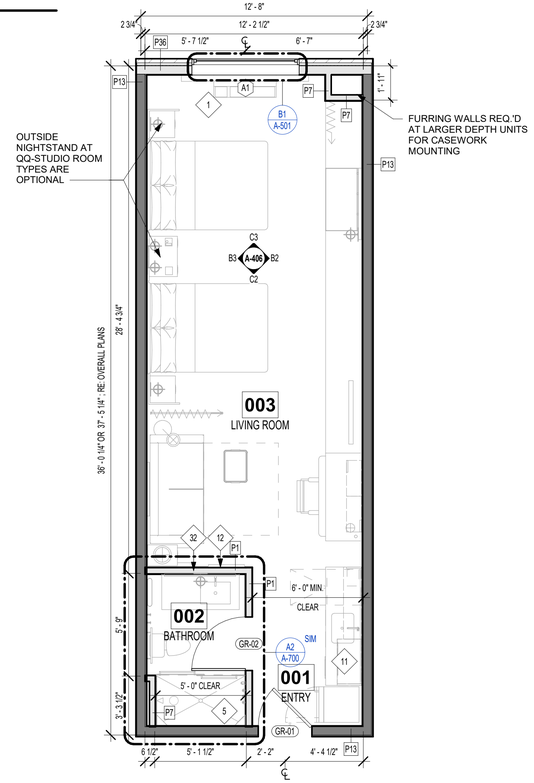

## B2 QQ STUDIO - WORKING WALL
1/2" = 1'-0"




## C1 QUEEN QUEEN STUDIO SUITE - RCP
1/4" = 1'-0"




## B1 QUEEN QUEEN STUDIO SUITE - FINISH PLAN
1/4" = 1'-0"




## A1 QUEEN QUEEN STUDIO SUITE - FLOOR PLAN
1/4" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-600 FOR DOOR & WINDOW SCHEDULES

## UNIT PLAN LEGEND

- PARTIAL HEIGHT PARTITION
- **P1** WALL (UNLESS NOTED OTHERWISE); SEE PARTITION SCHEDULE FOR ASSEMBLY INFORMATION
- PT-01 — FINISH TAG
- 101 — DOOR TAG
- ACCESSIBLE ROUTE (36" CLEAR; 32" MIN REQ'D @ DOOR OPENING PER ANSI A117.1)

## UNIT FINISH LEGEND

- CPT-01 -- CARPET TILE
- CPT-02 -- CARPET TILE
- T-01 -- TILE

## UNIT RCP LEGEND

- **C3** - GWB ON METAL STUD
- RETURN GRILL
- 9' - 0" AFF — INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

## KEYNOTE LEGEND

| | |
|---|---|
| 1 | PTAC UNIT |
| 4 | MANUAL BLACK OUT ROLLER SHADE TO EXTEND 6" BEYOND WINDOW OPENING; SHEER ROLLER SHADE TO BE MOUNTED INSIDE WINDOW OPENING |
| 5 | SHOWER ENCLOSURE W/TEMPERED GLASS DOOR |
| 7 | PREMANUFACTURED SHOWER PAN |
| 10 | DEDICATED CIRCUIT FOR DISHWASHER |
| 11 | RANGE TOP STYLE MICROWAVE AFFIXED TO WALL |
| 12 | MIRROR |
| 14 | SWITCH CONTROLLING GARBAGE DISPOSAL GANGED WITH DUPLEX - REFER TO HADG FOR ACCESSIBLE ROOM REQUIREMENTS |
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| 45 | EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT REQUIREMENTS AND OPTIONS. |
| 46 (2) | WIRED DATA CONNECTION FOR GUEST USE: PROVIDE CAT6 RJ-45 ABOVE THE DESK (36" AFF), RUN IN SMURF TUBE IN THE WALL TO THE WAP UNDER THE DESK. |
| 49 | HARDWIRED BLACK OUT ROLLER SHADE WITH NO EXPOSED WIRES |

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSE
NUMBER A-7205
REGISTERED ARCHITECT

# HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
QUEEN QUEEN STUDIO SUITE

PROJECT NUMBER: 22023

SHEET NUMBER:

# A-406

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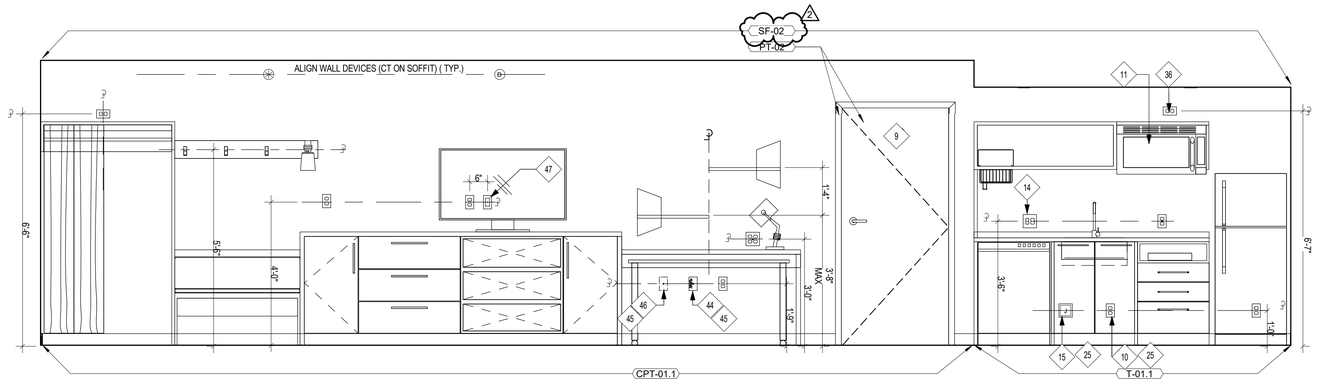
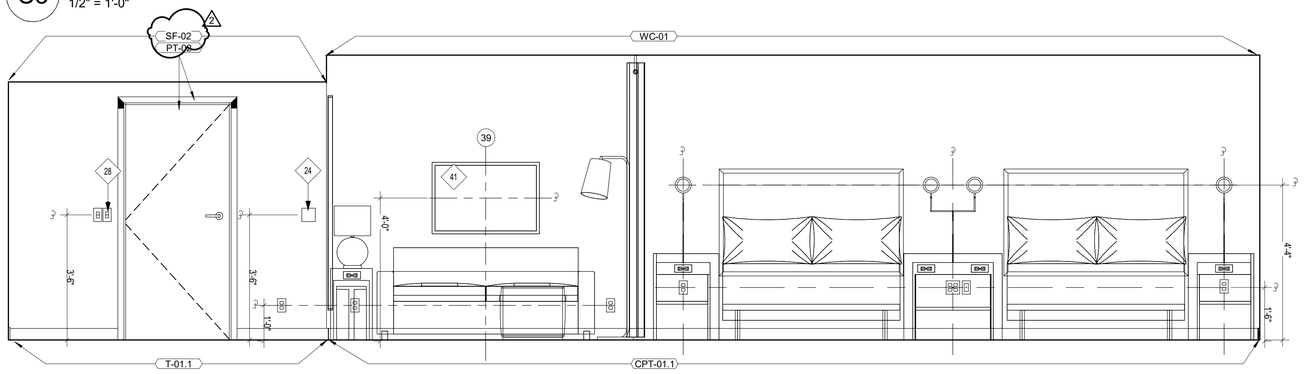
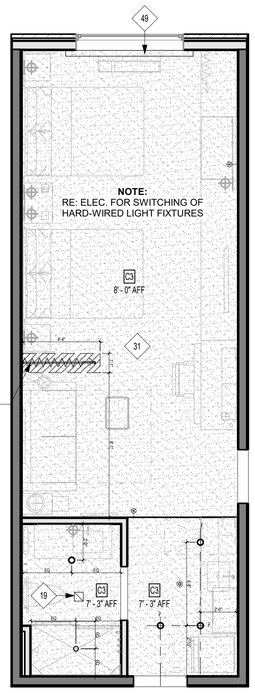


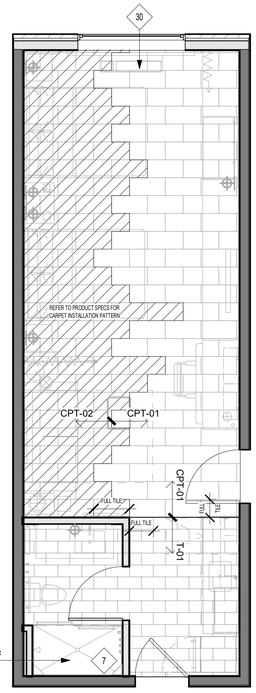

C3 QQ STUDIO CONN. - WORKING WALL
1/2" = 1'-0"



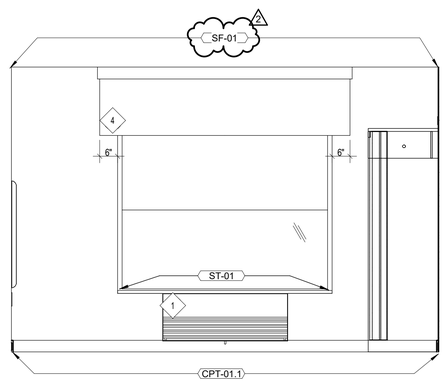

C2 QQ STUDIO CONN. - HEADBOARD
1/2" = 1'-0"



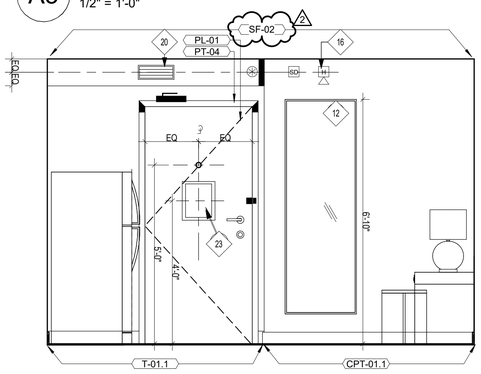

C1 QUEEN QUEEN STUDIO SUITE - CONNECTOR - RCP
1/4" = 1'-0"



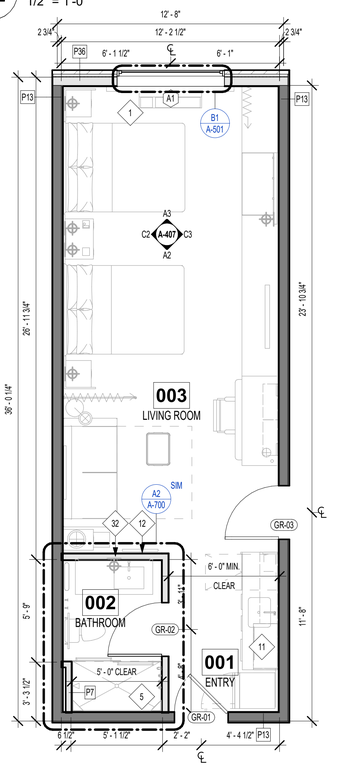

B1 QUEEN QUEEN STUDIO SUITE - CONNECTOR - FINISH PLAN
1/4" = 1'-0"




A3 QQ STUDIO CONN. - WINDOW
1/2" = 1'-0"




A2 QQ STUDIO CONN. - ENTRY
1/2" = 1'-0"




A1 QUEEN QUEEN STUDIO SUITE - CONNECTOR - FLOOR PLAN
1/4" = 1'-0"

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## UNIT FINISH LEGEND

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- CPT-02 -- CARPET TILE
- T-01 -- TILE

## UNIT RCP LEGEND

- **C3** - GWB ON METAL STUD
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- 9' - 0" AFF — INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

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7 PREMANUFACTURED SHOWER PAN
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14 SWITCH CONTROLLING GARBAGE DISPOSAL GANGED WITH DUPLEX - REFER TO HADG FOR ACCESSIBLE ROOM REQUIREMENTS
15 DEDICATED CIRCUIT FOR GARBAGE DISPOSAL
16 FIRE HORN IN STANDARD ROOMS. FIRE HORN/STROBE IN COMMUNICATION FEATURES ROOMS
19 TOILET EXHAUST GRILLE
20 MAKE-UP AIR DIFFUSER
23 ROOM SIGNAGE
24 HARD WIRED THERMOSTAT FOR PTAC. MOUNTED 48" MAX TO TOP OF DEVICE. COMMUNICATION BETWEEN THERMOSTAT AND PTAC MAY BE WIRELESS.
25 EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL
28 DOORBELL ON/OF SWITCH (COMMUNICATION FEATURES ROOMS ONLY) SIGNAGE AS REQ'D.
30 EDGE OF PTAC ABOVE CARPET TILES
31 MIN. CEILING HEIGHT MUST BE MAINTAINED - REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL
32 FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT
36 OUTLET ABOVE FOR MICROWAVE - REFER TO ROOM ELEVATION MOUNT DEVICE HORIZONTALLY--FACE PLATE TO BE WHITE
41 GRAPHIC ART. REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN
44 WAP IN 3-GANG BOX MOUNTED VERTICALLY UNDER DESK. MAINTAIN 6" BETWEEN ALL BOXES, TYP ALL GUESTROOMS. COORDINATE WAP LOCATION WITH CASEGOODS TO AVOID CONFLICTS. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT WIRELESS INTERNET REQ'S AND LIST OF APPROVED INTEGRATORS.
45 EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT REQUIREMENTS AND OPTIONS.
46 WIRED DATA CONNECTION FOR GUEST USE: PROVIDE CAT6 RJ-45 ABOVE THE DESK (36" AFF). RUN IN SMURF TUBE IN THE WALL TO THE WAP UNDER THE DESK.
47 TV CONNECTIONS FOR FREE-TO-GUEST CONTENT: A) NO SMART TV:COAX CABLE BEHIND TV. CAT6 RJ-45 JACK BEHIND TV, RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. MIN. 6" CLEARANCE FROM WALL BOXES - OR - B) SMART TV-INTERNET PROTOCOL TELEVISION (IPTV); COAX NOT REQ'D. CAT6 RJ-45 JACK BEHIND TV RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. CAT6 RJ-45 JACK BEHIND TV IN ONE-BEDROOM TV. MIN. 6" CLEARANCE FROM WALL BOXES. VISIT HILTONHDTV.COM FOR ADDITIONAL INFORMATION.
49 HARDWIRED BLACK OUT ROLLER SHADE WITH NO EXPOSED WIRES

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STATE OF MISSOURI
DAVID EUGENE HENDRICKS
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON
LEE'S SUMMIT, MO

SHEET TITLE
QUEEN QUEEN STUDIO SUITE - CONNECTOR

PROJECT NUMBER: 22023

SHEET NUMBER:
A-407

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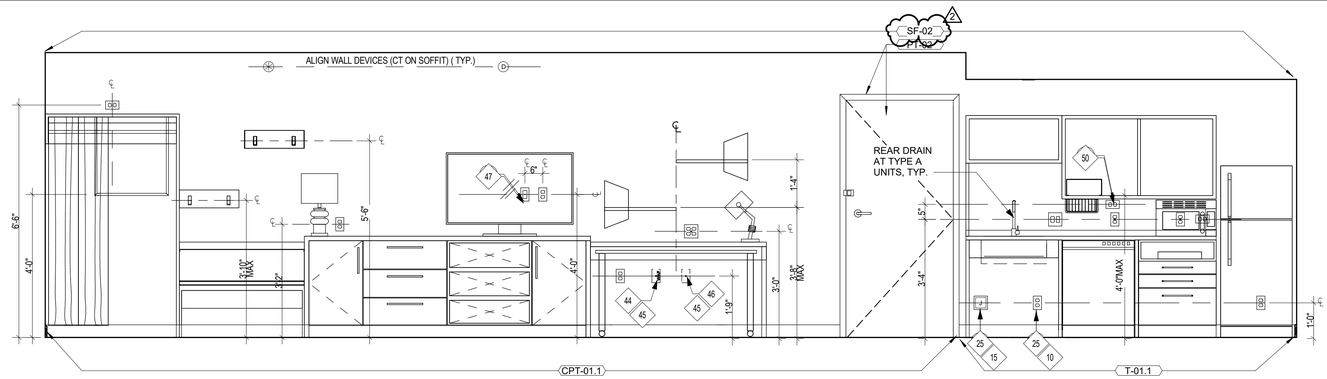
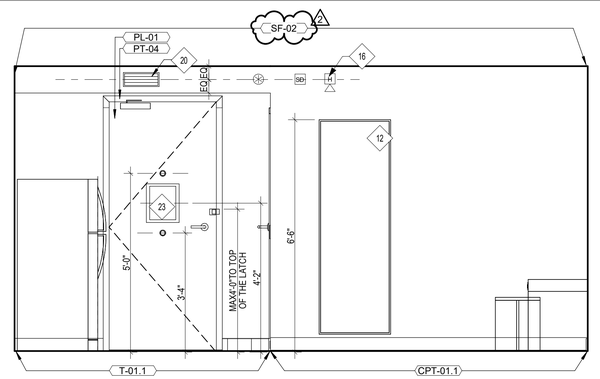
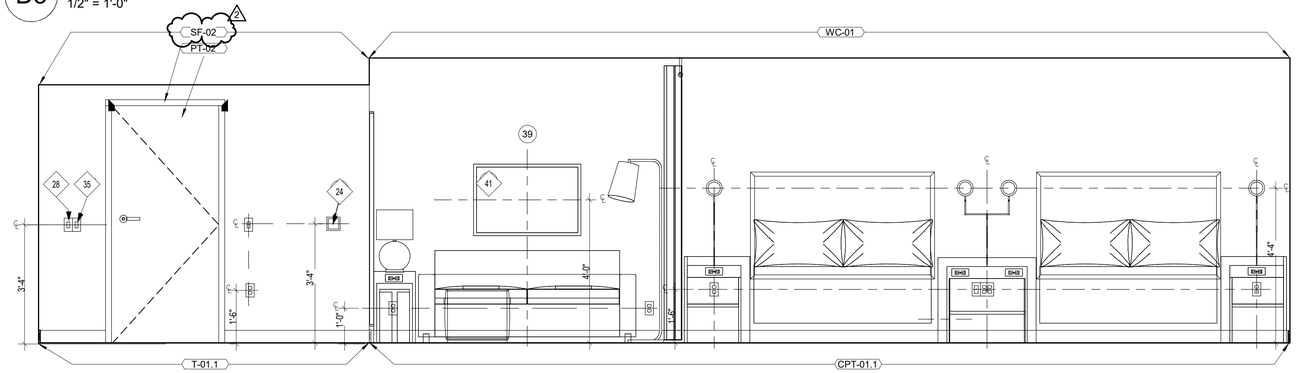


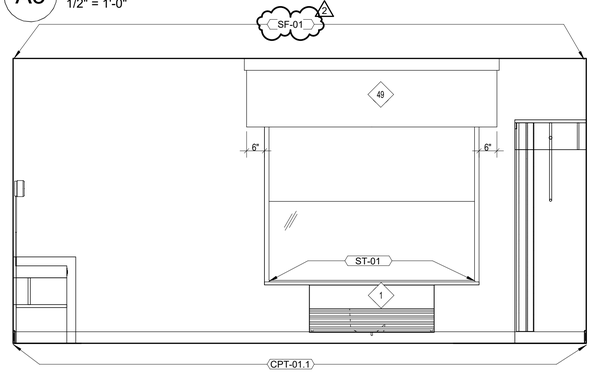

## D3 QQ STUDIO ACC. - WORKING WALL
1/2" = 1'-0"



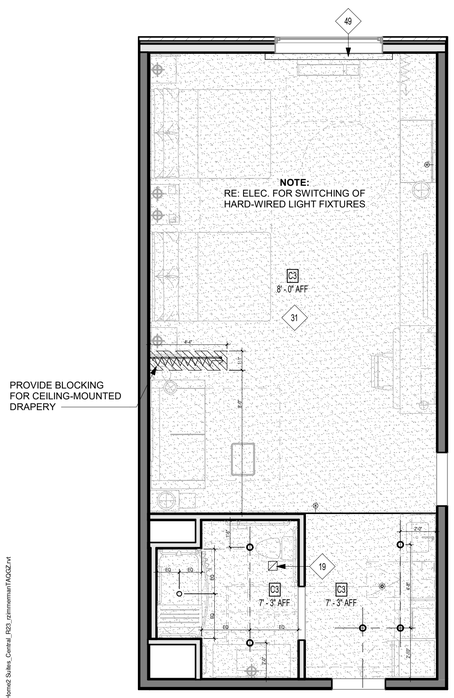

## A3 QQ STUDIO ACC. - ENTRY
1/2" = 1'-0"



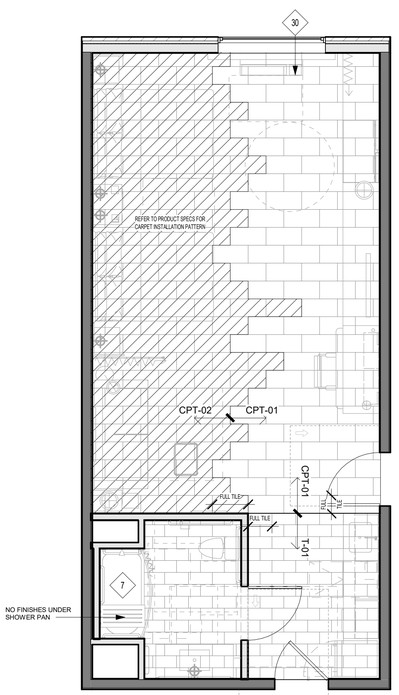

## D2 QQ STUDIO ACC. - HEADBOARD
1/2" = 1'-0"



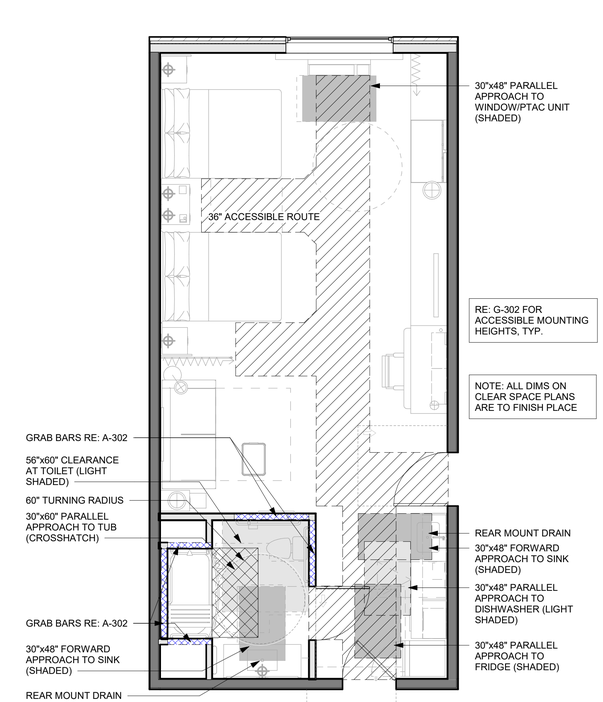

## A2 QQ STUDIO ACC. - WINDOW
1/2" = 1'-0"



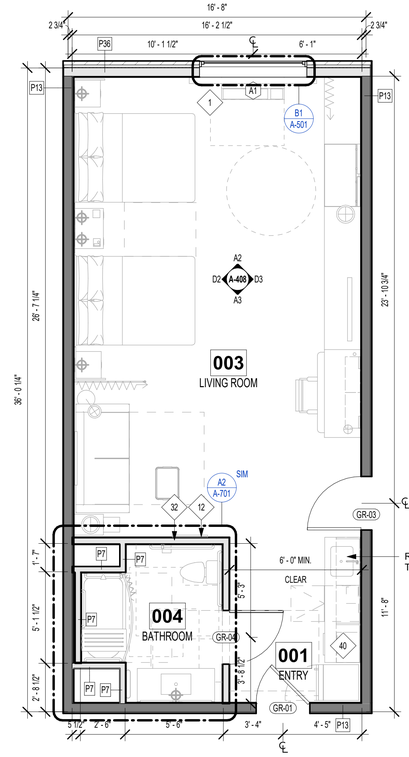

## D1 QUEEN QUEEN STUDIO SUITE - ACCESSIBLE - RCP
1/4" = 1'-0"




## C1 QUEEN QUEEN STUDIO SUITE - ACCESSIBLE - FINISH PLAN
1/4" = 1'-0"




## B1 QUEEN QUEEN STUDIO SUITE - ACCESSIBLE - CLEAR SPACE PLAN
1/4" = 1'-0"




## A1 QUEEN QUEEN STUDIO SUITE - ACCESSIBLE - FLOOR PLAN
1/4" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-600 FOR DOOR & WINDOW SCHEDULES

## UNIT PLAN LEGEND

- PARTIAL HEIGHT PARTITION
- **P1** WALL (UNLESS NOTED OTHERWISE); SEE PARTITION SCHEDULE FOR ASSEMBLY INFORMATION
- PT-01 — FINISH TAG
- 101 — DOOR TAG
- ACCESSIBLE ROUTE (36" CLEAR; 32" MIN REQ'D @ DOOR OPENING PER ANSI A117.1)

## UNIT FINISH LEGEND

- CPT-01 -- CARPET TILE
- CPT-02 -- CARPET TILE
- T-01 -- TILE

## UNIT RCP LEGEND

- **C3** - GWB ON METAL STUD
- RETURN GRILL
- 9' - 0" AFF — INDICATES CEILING HEIGHT, BELOW MATERIAL TAG

## KEYNOTE LEGEND

| | |
|---|---|
| 1 | PTAC UNIT |
| 7 | PREMANUFACTURED SHOWER PAN |
| 10 | DEDICATED CIRCUIT FOR DISHWASHER |
| 12 | MIRROR |
| 15 | DEDICATED CIRCUIT FOR GARBAGE DISPOSAL |
| 16 | FIRE HORN IN STANDARD ROOMS. FIRE HORN/STROBE IN COMMUNICATION FEATURES ROOMS |
| 19 | TOILET EXHAUST GRILLE |
| 20 | MAKE-UP AIR DIFFUSER |
| 23 | ROOM SIGNAGE |
| 24 | HARD WIRED THERMOSTAT FOR PTAC. MOUNTED 48" MAX TO TOP OF DEVICE. COMMUNICATION BETWEEN THERMOSTAT AND PTAC MAY BE WIRELESS. |
| 25 | EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL. |
| 28 | DOORBELL ON/OF SWITCH (COMMUNICATION FEATURES ROOMS ONLY) SIGNAGE AS REQ'D. |
| 30 | EDGE OF PTAC ABOVE CARPET TILES |
| 31 | MIN. CEILING HEIGHT MUST BE MAINTAINED - REFER TO HOME 2 SUITES BY HILTON STANDARDS MANUAL |
| 32 | FRAMING SUBCONTRACTOR TO PROVIDE 3/4" F.R.T. PLYWOOD BLOCKING TO RECEIVE ITEM INDICATED - EXTEND FULL LENGTH OF OBJECT |
| 35 | SWITHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL |
| 40 | COUNTERTOP MICROWAVE |
| 41 | GRAPHIC ART. REFER TO ACCESSORIES LEGEND & CONSTRUCTION PLAN |
| 44 | WAP IN 3-GANG BOX MOUNTED VERTICALLY UNDER DESK. MAINTAIN 6" BETWEEN ALL BOXES, TYP ALL GUESTROOMS. COORDINATE WAP LOCATION WITH CASEGOODS TO AVOID CONFLICTS. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT WIRELESS INTERNET REQ'S AND LIST OF APPROVED INTEGRATORS. |
| 45 | EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT REQUIREMENTS AND OPTIONS. |
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| 49 | HARDWIRED BLACK OUT ROLLER SHADE WITH NO EXPOSED WIRES |
| 50 | PROVIDE OUTLET FOR UNDERCABINET LIGHTING BY OTHERS |

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSE
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
QUEEN QUEEN STUDIO SUITE - ACCESSIBLE

PROJECT NUMBER: 22023

SHEET NUMBER:

A-408

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REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-600 FOR DOOR & WINDOW SCHEDULES

## 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
- A1 / 101 — WINDOW TYPE; SEE WINDOW SCHEDULE A-600
- DOOR TYPE; SEE DOOR SCHEDULE A-600
- P7 / 6' - 0" — PARTITION TYPE; SEE ASSEMBLIES G-102; FRAMING DIMENSIONS
- 6' - 0" LAYOUT LAYOUT — 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

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STATE OF MISSOURI
DAVID EUGENE HENDRICKS
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON
LEE'S SUMMIT, MO

SHEET TITLE
ENLARGED FLOOR PLAN - COMMON AREAS

PROJECT NUMBER: 22023

SHEET NUMBER:

A-410

A1 1ST FLOOR PLAN - AMENITIES PLAN
3/16" = 1'-0"

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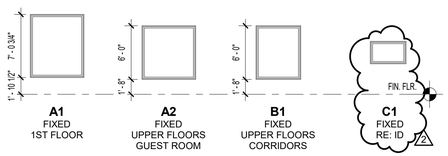
## WINDOW TYPES




**A1** FIXED 1ST FLOOR

**A2** FIXED UPPER FLOORS GUEST ROOM

**B1** FIXED UPPER FLOORS CORRIDORS

**C1** FIXED RE: ID

**WINDOW COMMENTS:**

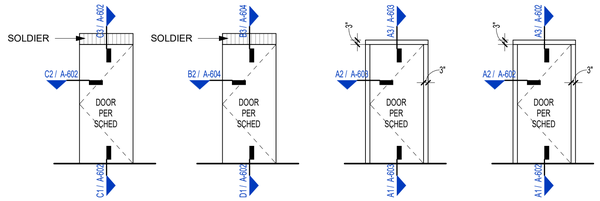
1. GLAZING DEEMED TO BE IN A HAZARDOUS LOCATION SHALL BE TEMPERED / SAFETY GLAZING.
2. EACH PANE OF SAFETY GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE IDENTIFIED BY MFR'S DESIGNATION.
3. CONFIRM OPERATION OF SASH LOCKS AT "TYPE A" UNITS WILL BE WITHIN 48" REQUIRED REACH RANGE PER A4 / G-300
4. REFER TO CODE SHEET FOR ALL FIRE RATINGS.
5. WINDOW LOCATIONS PER PLANS.

WINDOW SCHEDULE

| Type Mark | Location | Width | Height | Comments |
|---|---|---|---|---|
| A1 | TYP. 1ST FLOOR | 6' - 0" | 7' - 0 3/4" | |
| A2 | TYP. UPPER FLOOR GUEST ROOMS | 6' - 0" | 6' - 0" | |
| B1 | UPPER FLOOR CORRIDORS | 5' - 0" | 6' - 0" | |
| C1 | <varies> | 4' - 0" | 2' - 6" | |

DOOR SCHEDULE - UNIT DOORS

| Mark | Width | Height | Thickness | Fire Rating (Minutes) | Door Type | Frame Type | Comments | Hardware Group |
|---|---|---|---|---|---|---|---|---|
| GR-01 | 3' - 0" | 6' - 8" | 1 3/4" | 20 | A2 | HM | | 27 |
| GR-02 | 3' - 0" | 6' - 8" | 1 3/4" | | A1 | HM | | 28 |
| GR-03 | 3' - 0" | 6' - 8" | 1 3/4" | 45 | A1 | HM | a | 29 |
| GR-04 | 3' - 0" | 6' - 8" | 1 3/4" | | A1 | HM | | 30 |
| GR-05 | 3' - 0" | 6' - 8" | 1 3/4" | | A1 | HM | | 31 |




**TYPICAL EXTERIOR DOOR TRIM** (@ BRICK)

**TYPICAL EXTERIOR DOOR TRIM** (@ STOREFRONT)

**TYPICAL INTERIOR DOOR** (CMU)

**TYPICAL INTERIOR DOOR** (WOOD)

## A2 DOOR TRIM & CASING - TYPICAL
1/4" = 1'-0"

**DOOR SCHEDULES COMMENTS:**

a. PROVIDE (2) DOORS FOR EACH COMMUNICATING DOOR LOCATION.

b. SLIDING AUTOMATIC ENTRANCE: BASIS OF DESIGN IS BESAM UNISLIDE OC-S, OVERHEAD CONCEALED FIXED SIDELITE, NARROW STILE SINGLE SLIDE DOOR SYSTEM.

c. ALUMINUM DOOR WITHIN STOREFRONT FRAME. BASIS OF DESIGN IS KAWNEER 500 WIDE STILE DOORS. DOORS & FRAMES TO BE PAINTED. ALL HARDWARE & TRIM TO BE CLEAR ANODIZED ALUMINUM OR US32D. REFER TO ELEVATIONS.

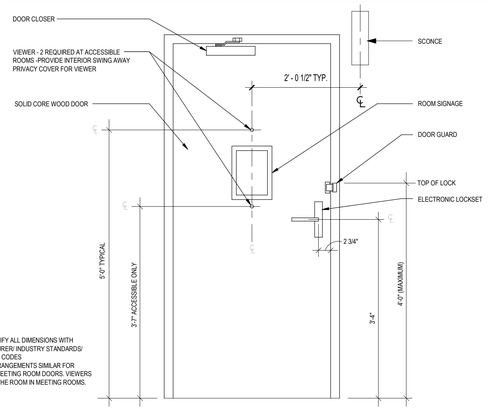
d. DOORS ON MAGNETIC HOLD OPENS TO TIED INTO FIRE ALARM SYSTEM AND TO RELEASE WHEN ALARM IS ACTUATED.

e. C-SERIES HOLLOW METAL DOOR FRAME WITH NO BACKBENDS.

f. PROVIDE (1) REMOTE READER AND (1) INTERCOM/BUZZER -- REFER TO HARDWARE SET FOR MANUFACTURER AND MODEL.

g. EXTERIOR DOOR FINISH TO MATCH ADJACENT WALL COLOR -- SEE EXTERIOR ELEVATIONS.

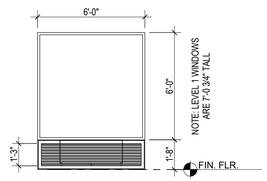
## STANDARD GUEST ROOM ENTRY DOOR




**NOTES:** VERIFY ALL DIMENSIONS WITH MANUFACTURERS' INDUSTRY STANDARDS/ APPLICABLE CODES
VIEWER ARRANGEMENTS SIMILAR FOR OPTIONAL MEETING ROOM DOORS. VIEWERS FACE INTO THE ROOM IN MEETING ROOMS.

## B1 STANDARD GUEST ROOM ENTRY DOOR
3/16" = 1'-0"

## TYPICAL GUEST ROOM WINDOW




## A1 TYP GUEST ROOM WINDOW
1/4" = 1'-0"

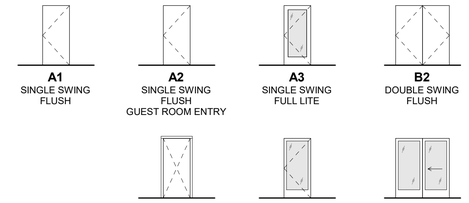
**DOOR COMMENTS:**

1. SEE ENLARGED PLANS & ENLARGED STAIR & ELEVATOR PLANS FOR ALL DOOR TAGS.
2. BOTTOM RAIL TO BE MINIMUM 10" TO ALLOW FOR A 10" KICK PLATE; TYPICALL ALL DOORS. SEE: A3 / G-300
3. SEE SPECIFICATIONS FOR DOOR HARDWARE SCHEDULE; FINAL HARDWARE SCHEDULE AND FINAL GROUPS TO BE DETERMINED BY DOOR SUB-CONTRACTOR. VERIFY FINAL HARDWARE INSTALLATION WITH CLIENT AND ARCHITECT.
4. DOOR HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE.
5. ALL DOOR HARDWARE TO BE LEVER TYPE HARDWARE, UNO.
6. ALL COMMON AREA RATED DOORS TO HAVE SMOKE SEALS (GASKETS), CLOSURES, AND LATCH HARDWARE.
7. UNIT ENTRY DOORS TO HAVE SPRING HINGES & LATCH HARDWARE, TYP UNO.
8. ALL DOORS INTENDED FOR PASSAGE TO HAVE 32" CLEAR WIDTH PER ICC ANSI A117.1

2 A2 ALL EXTERIOR HOLLOW METAL DOORS ARE TO BE PAINTED TO MATCH ADJACENT MASONRY.

REFERENCE G-003 FOR GENERAL NOTES

## DOOR TYPES



**A1** SINGLE SWING FLUSH

**A2** SINGLE SWING FLUSH GUEST ROOM ENTRY

**A3** SINGLE SWING FULL LITE

**B2** DOUBLE SWING FLUSH

**J2** CASED OPENING

**M2** STOREFRONT SINGLE SWING

**M3** STOREFRONT SLIDING AUTOMATIC

**DOOR SCHEDULE ABBREVIATIONS:**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **ALUM** | ALUMINUM | **FGL / FBG** | FIBERGLASS | **N/A** | NOT APPLICABLE | **STL** | NOT APPLICABLE |
| **ANO** | ANODIZED | **HC WOOD / HCWD** | HOLLOW CORE WOOD | **PER MFR** | PER MANUFACTURER | **WD CLAD** | WOOD CLAD |
| **BLK** | BLACK | **HM** | HOLLOW METAL | **PRE-FIN** | PRE-FINISHED | **GL** | GLAZING |
| **BRZ** | BRONZE | **INSUL MTL** | INSULATED METAL | **PT / PTD** | PAINTED | | |
| **CLR** | CLEAR | **MTL** | METAL | **SC WOOD / SCWD** | SOLID CORE WOOD | | |

# DOOR OPENING SCHEDULE

| Mark | Location | Width | Height | Thickness | Fire Rating (Minutes) | Access Control (AC) | Panic Hardware | Door Type | Door Material | Door Finish | Frame Type | Frame Finish | Comments | Hardware Group |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T.O. 1st FLOOR SLAB | | | | | | | | | | | | | | |
| 001A | VESTIBULE | 4' - 0" | 7' - 0" 2 | 1 3/4" | | | No | M3 | ALUM | | ALUM | | b | 32 |
| 001B | LOBBY | 4' - 0" | 7' - 0" 2 | 1 3/4" | | | No | M3 | ALUM | | ALUM | | b, f | 32 |
| 001C | VESTIBULE | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | HM | | HM | | | 17 |
| 002 | LOBBY | 3' - 0" | 7' - 0" | 1 3/4" | | | Yes | M2 | ALUM | | ALUM | | c | 01 |
| 003A | HALL | 3' - 0" | 7' - 0" | 1 3/4" | | | Yes | M2 | ALUM | | ALUM | | c | 23 |
| 003B | VESTIBULE | 3' - 0" | 7' - 0" 2 | 1 3/4" | | | Yes | M2 | ALUM | | ALUM | | c | 03 |
| 006A | BREAKFAST | 4' - 0" | 7' - 0" | 1 3/4" | 20 | | No | A1 | SC WOOD | | HM | | d | 09 |
| 006B | BREAKFAST | 4' - 0" | 7' - 0" | 1 3/4" | 20 | | No | A1 | SC WOOD | | HM | | d | 09 |
| 007A | FOOD PREP | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 24 |
| 007B | FOOD PREP | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 25 |
| 009 | WORK STATIONS | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 25 |
| 010 | MANAGERS OFFICE | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 08 |
| 010B | MANAGERS OFFICE | 2' - 8" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 14 |
| 012A | DISCHARGE LAUNDRY | 3' - 6" | 6' - 8" | 1 3/4" | 45 | | No | A1 | SC WOOD | | HM | | | 26 |
| 012B | DISCHARGE LAUNDRY | 3' - 6" | 6' - 8" | 1 3/4" | 45 | | No | A1 | SC WOOD | | HM | | d | 10 |
| 013 | LAUNDRY | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 26 |
| 013A | LAUNDRY | 2' - 6" | 6' - 8" | 1 3/4" | | | No | A1 | HM | | HM | | | 15 |
| 014 | LAUNDRY | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 17 |
| 015 | INDOOR POOL | 3' - 0" | 7' - 0" 2 | 1 3/4" | | | Yes | M2 | ALUM | | ALUM | | c | |
| 015A | INDOOR POOL | 8' - 0" | 6' - 8" | 1 3/4" | | | No | B2 | GALV HM | | GALV HM | | | 20 |
| 015B | INDOOR POOL | 8' - 0" | 6' - 8" | 1 3/4" | 45 | | No | B2 | GALV HM | | GALV HM | | | 20 |
| 016 | GRILLING PATIO | 3' - 0" | 7' - 0" 2 | 1 3/4" | | | Yes | M2 | ALUM | | ALUM | | c | 01 |
| 016B | INDOOR POOL | 2' - 2" | 6' - 8" | 1 3/4" | | | No | A1 | GALV HM | | GALV HM | | | 16 |
| 017 | UNISEX | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | GALV HM | | GALV HM | | | 06 |
| 018 | GRILLING PATIO | 3' - 6" | 6' - 8" | 1 3/4" | | | No | A6 | GALV HM | | GALV HM | | g | 12 |
| 020 | WOMENS | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 06 |
| 021 | MENS | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 06 |
| 022 | STORAGE | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 16 |
| 023 | SALES | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 07 |
| 024 | CIRCULATION | 3' - 0" | 7' - 0" | 1 3/4" | | | No | M2 | ALUM | | ALUM | | | 21 |
| 025 | GUEST LAUNDRY | 3' - 6" | 7' - 0" | 1 3/4" | | | No | J2 | -- | | HM | | | 33 |
| 025B | GUEST LAUNDRY | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | HM | | HM | | | 15 |
| 026A | ENGINEER | 3' - 0" | 6' - 8" | 1 3/4" | 45 | | No | A1 | SC WOOD | | HM | | | 18 |
| 026B | | 3' - 6" | 6' - 8" | 1 3/4" | | | No | A6 | GALV HM | | GALV HM | | g | 13 |
| 027 | MECH. | 3' - 0" | 6' - 8" | 1 3/4" | | | Yes 1 | A1 | HM | | GALV HM | | | 26 |
| 028 | PBX | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 24 |
| 029 | EMPLOYEE BREAK | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 24 |
| 030 | ENGINEER | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | SC WOOD | | HM | | | 24 |
| 051 | | 3' - 0" | 6' - 8" | 1 3/4" | | | Yes | A7 | GALV HM | | GALV HM | | g | 02 |
| 052A | STAIR 2 | 3' - 0" | 6' - 8" | 1 3/4" | 90 | | Yes | A1 | HM | | HM | | | 05 |
| 052B | | 3' - 0" | 6' - 8" | 1 3/4" | | | Yes | A4 | GALV HM | | GALV HM | | g | 02 |
| 133A | CIRCULATION | 3' - 0" | 6' - 8" | 1 3/4" | 45 | | Yes | A1 | SC WOOD | | HM | | d | 11 |
| 133B | | 3' - 0" | 6' - 8" | 1 3/4" | | | Yes | A5 | ALUM | | ALUM | | c, g | 01 |
| GR-03 | | 3' - 0" | 6' - 8" | 1 3/4" | | | No | A1 | | | | | | |
| T.O. 2nd SUBFLOOR | | | | | | | | | | | | | | |
| 234 | ELEVATOR LOBBY | 8' - 0" | 6' - 8" | 1 3/4" | 45 | | No | B2 | SC WOOD | | HM | | | 22 |
| 235 | HOUSEKEEPING | 3' - 0" | 6' - 8" | 1 3/4" | 45 | | No | A1 | SC WOOD | | HM | | | 19 |
| 251 | STAIR-1 | 3' - 0" | 6' - 8" | 1 3/4" | 90 | | Yes | A1 | HM | | HM | | | 04 |
| 252 | STAIR-2 | 3' - 0" | 6' - 8" | 1 3/4" | 90 | | Yes | A1 | HM | | HM | | | 04 |
| T.O. 3rd SUBFLOOR | | | | | | | | | | | | | | |
| 334 | ELEVATOR LOBBY | 8' - 0" | 6' - 8" | 1 3/4" | 45 | | No | B2 | SC WOOD | | HM | | | 22 |
| 335 | HOUSEKEEPING | 3' - 0" | 6' - 8" | 1 3/4" | 45 | | No | A1 | SC WOOD | | HM | | | 19 |
| 351 | STAIR-1 | 3' - 0" | 6' - 8" | 1 3/4" | 90 | | Yes | A1 | HM | | HM | | | 04 |
| 352 | STAIR-2 | 3' - 0" | 6' - 8" | 1 3/4" | 90 | | Yes | A1 | HM | | HM | | | |
| T.O. 4th SUBFLOOR | | | | | | | | | | | | | | |
| 434 | ELEVATOR LOBBY | 8' - 0" | 6' - 8" | 1 3/4" | 45 | | No | B2 | SC WOOD | | HM | | | 22 |
| 435 | HOUSEKEEPING | 3' - 0" | 6' - 8" | 1 3/4" | 45 | | No | A1 | SC WOOD | | HM | | | 19 |
| 451 | STAIR-1 | 3' - 0" | 6' - 8" | 1 3/4" | 90 | | Yes | A1 | HM | | HM | | | 04 |
| 452 | STAIR-2 | 3' - 0" | 6' - 8" | 1 3/4" | 90 | | Yes | A1 | HM | | HM | | | |

PRINTS ISSUED
04/17/2024 - CITY SUBMISSION

REVISIONS:
1 05/17/2024 CITY RESPONSE
2 06/14/2024 CITY & BRAND RESPONSE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STATE OF MISSOURI
DAVID EUGENE HENDRIXSON
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
WINDOW / DOOR / FINISH SCHEDULES

PROJECT NUMBER: 22023

SHEET NUMBER:

A-600


6/13/2024 11:41:29 AM
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REFERENCE G-003 FOR GENERAL NOTES

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REVISIONS:
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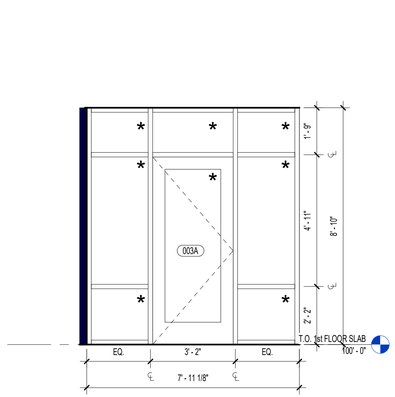
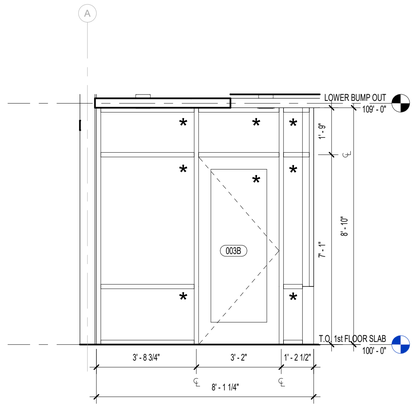
2 06/14/2024 CITY & BRAND RESPONSE




C3 SF-9 VESTIBULE 3
3/8" = 1'-0"




B3 SF-8 VESTIBULE 2
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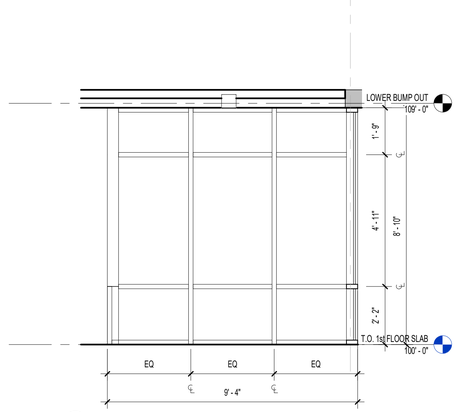
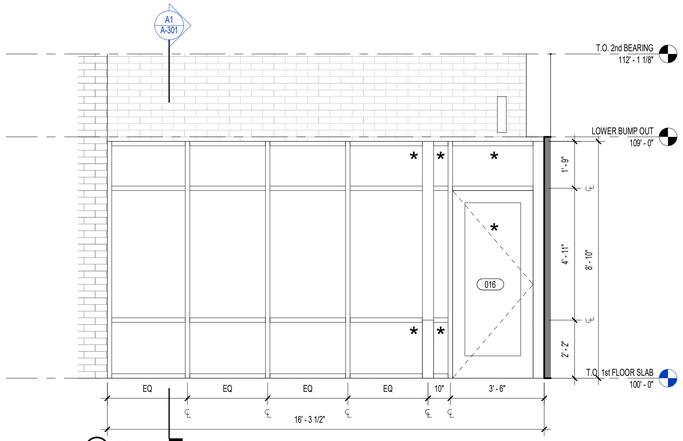
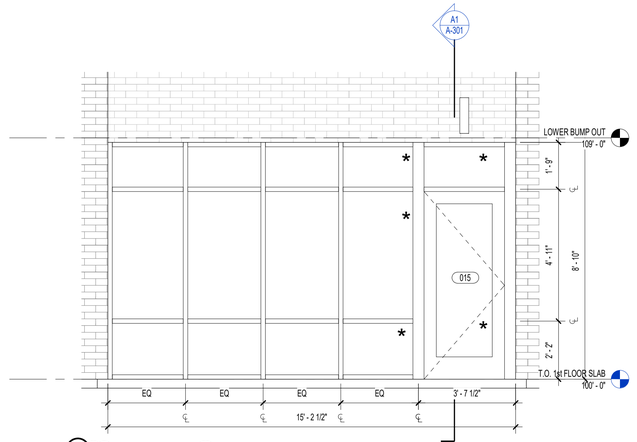


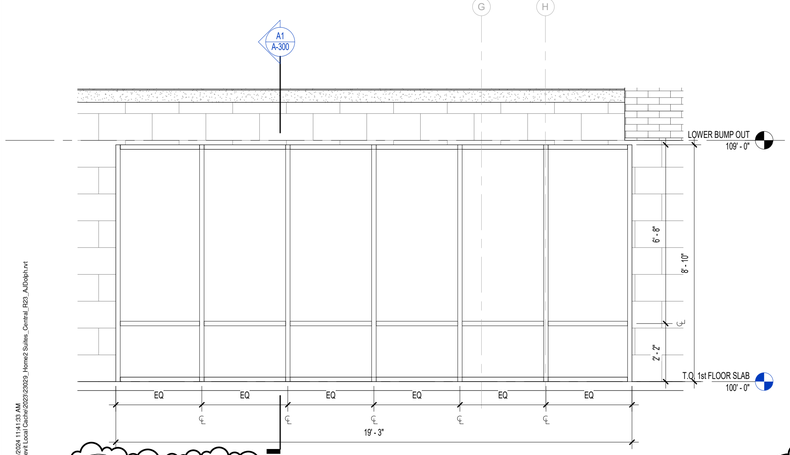

A3 SF-7 VESTIBULE 1
3/8" = 1'-0"



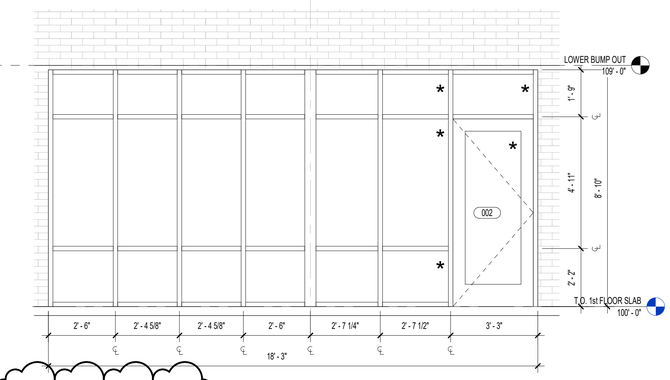

B2 SF-6 POOL 2
3/8" = 1'-0"




A2 SF-5 POOL 1
3/8" = 1'-0"




D1 SF-4 FITNESS
3/8" = 1'-0"




C1 SF-3 LOBBY
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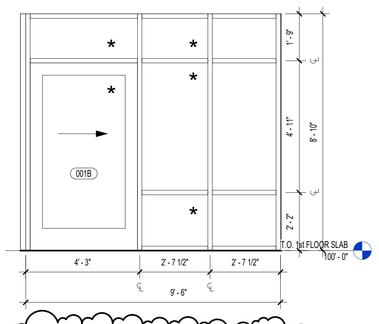
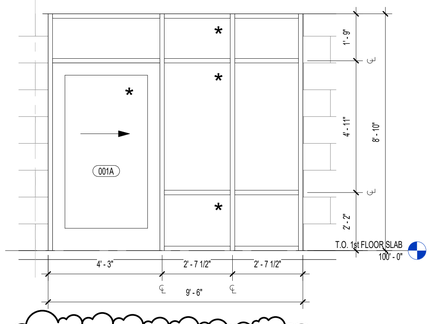



B1 SF-2 ENTRY VESTIBULE 2
3/8" = 1'-0"




A1 SF-1 ENTRY VESTIBULE 1
3/8" = 1'-0"

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STATE OF MISSOURI
DAVID EUGENE HENDRICKS
NUMBER A-7305
REGISTERED ARCHITECT

# HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
STOREFRONT ELEVATIONS

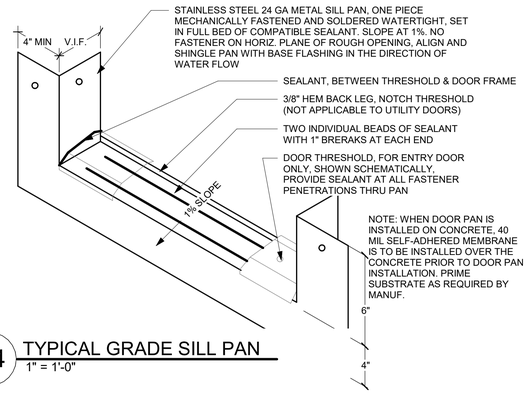
PROJECT NUMBER: 22023

SHEET NUMBER:

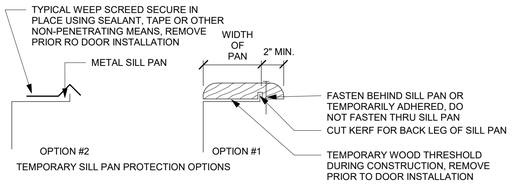
A-601

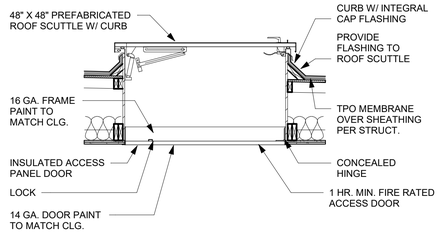
6/13/2024 11:41:13 AM
C:\Revit Local Cache\R2023\22023_Home2 Suites_Central_833_AJDolph.rvt

REFERENCE G-003 FOR GENERAL NOTES

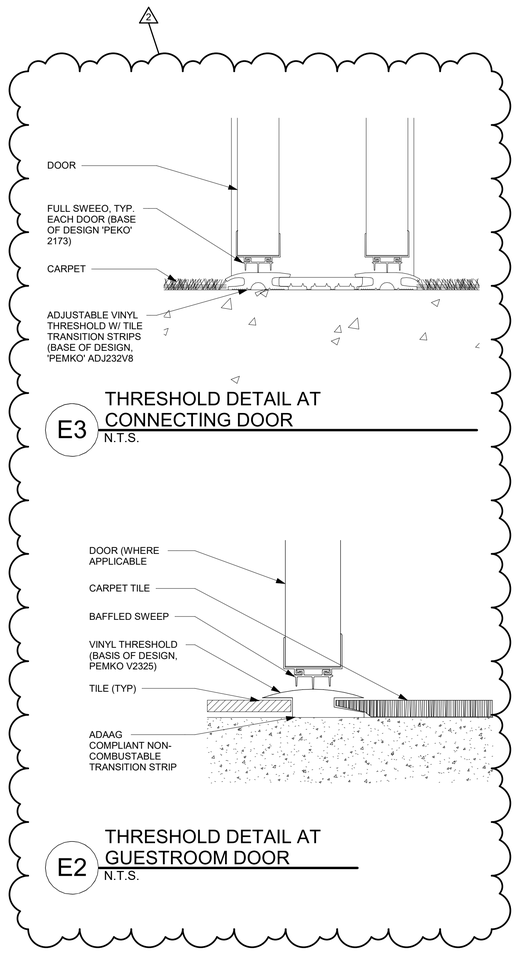



D4 TYPICAL GRADE SILL PAN
1" = 1'-0"



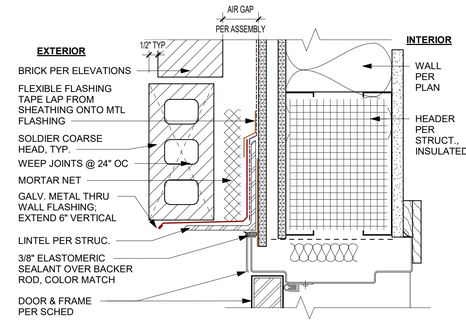




A4 ROOF SCUTTLE
1/2" = 1'-0"

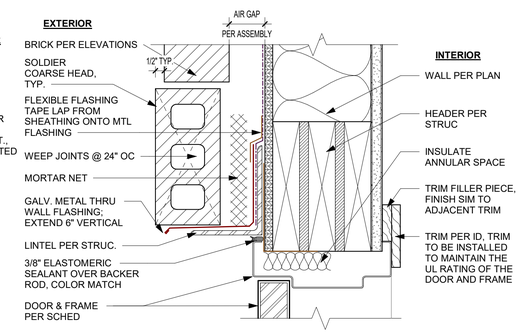



E3 THRESHOLD DETAIL AT CONNECTING DOOR
N.T.S.

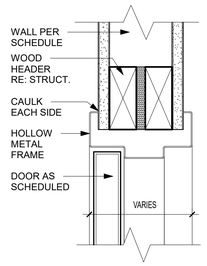
E2 THRESHOLD DETAIL AT GUESTROOM DOOR
N.T.S.



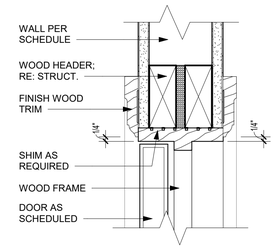

D3 EXTERIOR MTL DOOR HEAD- BRICK
3" = 1'-0"



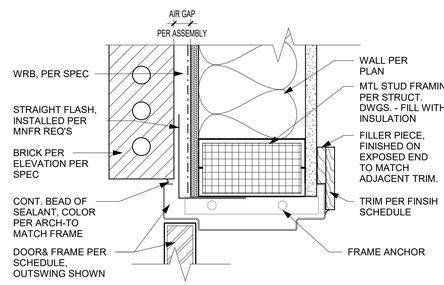

C3 EXTERIOR DOOR HEAD - BRICK
3" = 1'-0"



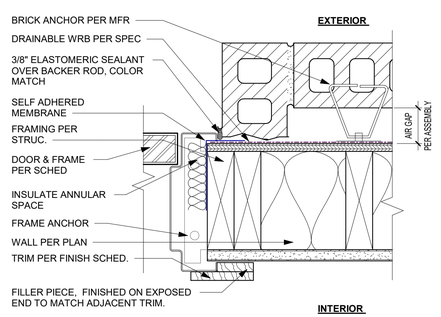

B3 INTERIOR DOOR HEAD - METAL
3" = 1'-0"



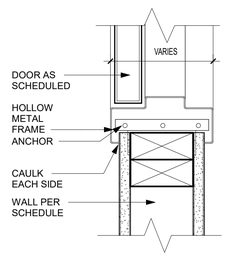

A3 INTERIOR DOOR HEAD - WOOD
3" = 1'-0"




D2 EXTERIOR MTL DOOR JAMB - BRICK
3" = 1'-0"




C2 EXTERIOR DOOR JAMB - BRICK
3" = 1'-0"




B2 INTERIOR DOOR JAMB - METAL
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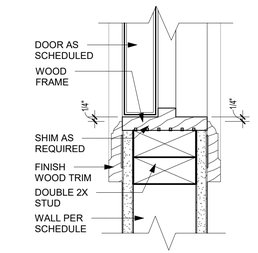
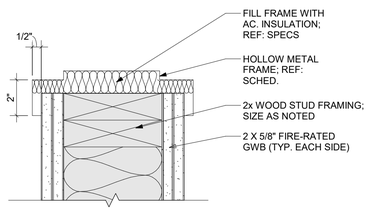
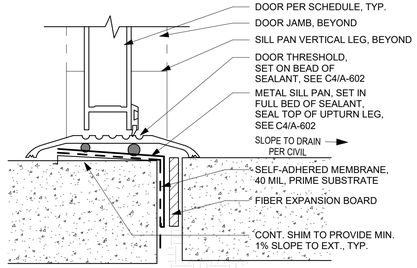


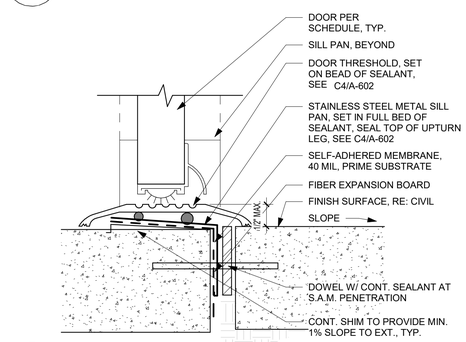

A2 INTERIOR DOOR JAMB - WOOD
3" = 1'-0"



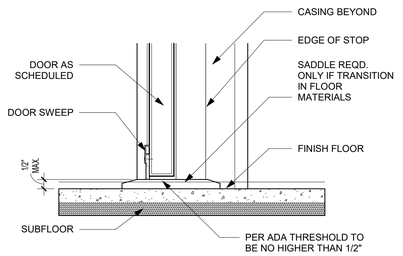

E1 GUESTROOM ENTRY & CONNECTOR DOOR
3" = 1'-0"



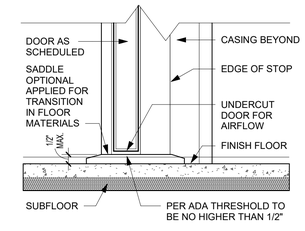

D1 EXTERIOR STOREFRONT THRESHOLD
1" = 1'-0"




C1 EXTERIOR DOOR THRESHOLD
1" = 1'-0"




B1 INTERIOR RATED DOOR SILL
3" = 1'-0"




A1 INTERIOR DOOR SILL
3" = 1'-0"

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STATE OF MISSOURI
DAVID EUGENE HENDRICKS
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
DOOR DETAILS

PROJECT NUMBER: 22023

SHEET NUMBER:

A-602

6/12/2024 4:22:05 PM
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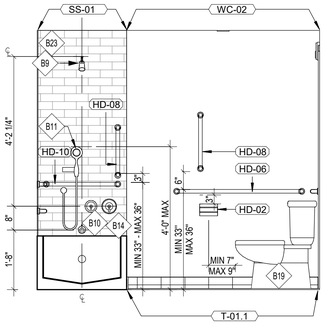
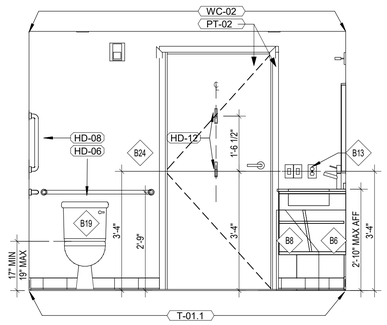
REFERENCE G-003 FOR GENERAL NOTES

## KEYNOTE LEGEND

| | |
|---|---|
| B6 | ACCESSIBLE VANITY UNIT, REFER TO FURNITURE DWGS |
| B7 | ACCESSIBLE REMOVABLE TUB/SHOWER SEAT. SHOWER SEAT IS WALL MOUNTED. REFER TO ACCESSIBILITY STANDARDS AND HADG FOR REQUIREMENT |
| B8 | CLEAR AREA OF SINK/VANITY MUST BE ACCESSIBLE |
| B9 | SHOWER HEAD |
| B10 | SHOWER DIVERTER VALVE |
| B11 | HAND SHOWER. HAND-HELD SHOWER UNIT REQUIRED TO HAVE ON/OFF CONTROL WITH NON-POSITIVE SHUT OFF. |
| B12 | VANITY MIRROR AND LIGHT FIXTURE |
| B13 | GFCI OUTLET |
| B14 | ON/OFF - PRESSURE BALANCING VALVE |
| B19 | TOILET |
| B23 | SHOWER SURROUND |
| B24 | LED NIGHT LIGHT INTEGRATED WITH EITHER LIGHT SWITCH OR OUTLET |
| B26 | SOAP DISPENSERS |
| B28 | BI-PASS SLIDING GLASS DOOR, BRUSHED ALUMINUM FINISH, CLEAR GLASS, WITH 24" BAR PULL HARDWARE |




D3 BATHROOM - ACC. STUDIO ELEV.
1/2" = 1'-0"

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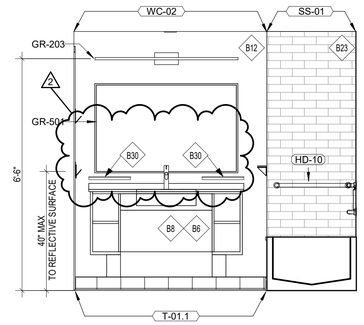
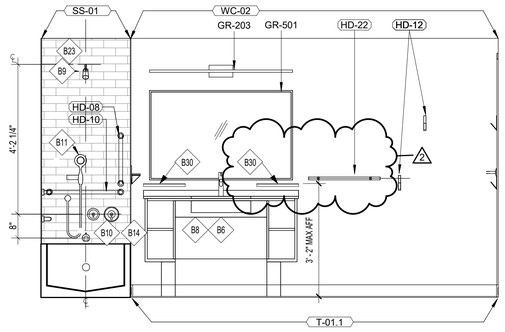
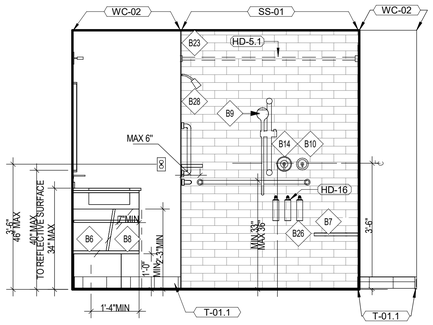
1/2" = 1'-0"



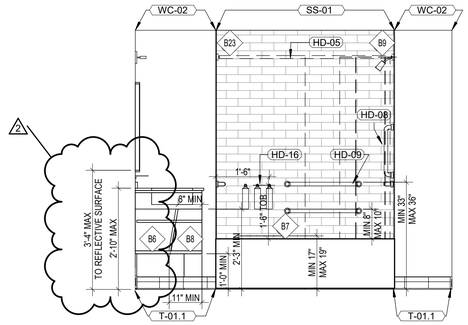

B3 BATHROOM - ACC. STUDIO ELEV.
1/2" = 1'-0"



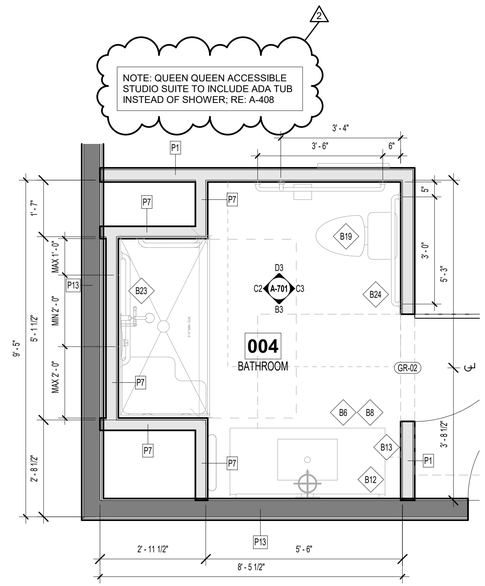

D2 BATHROOM - ACC. ONE BED ELEV.
1/2" = 1'-0"




C1 BATHROOM - ACC. ONE BED ELEV.
1/2" = 1'-0"



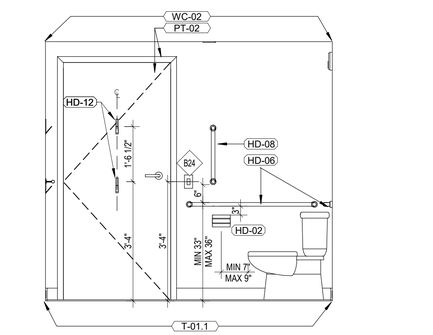

B1 BATHROOM - QQ ACC. STUDIO ELEV.
1/2" = 1'-0"



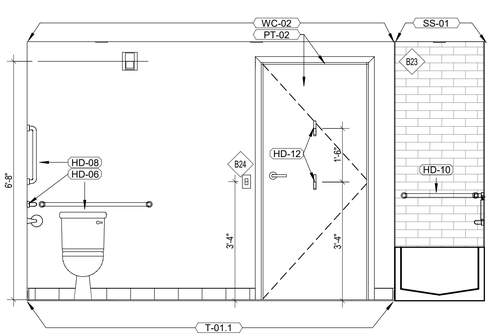

A2 TYP. STUDIO SUITE ENLARGED RESTROOM - ACCESSIBLE
1/2" = 1'-0"



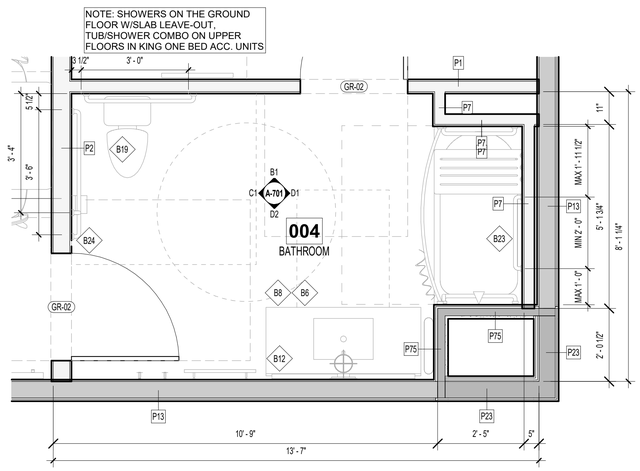

D1 BATHROOM - ACC. ONE BED ELEV.
1/2" = 1'-0"




C1 BATHROOM - ACC. ONE BED ELEV.
1/2" = 1'-0"




B1 BATHROOM - ACC. ONE BED ELEV.
1/2" = 1'-0"




A1 KING ONE BEDROOM ENLARGED RESTROOM - ACCESSIBLE
1/2" = 1'-0"

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSE
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
GUESTROOM BATHROOMS

PROJECT NUMBER: 22023

SHEET NUMBER:

A-701


6/13/2024 1:14:37 AM
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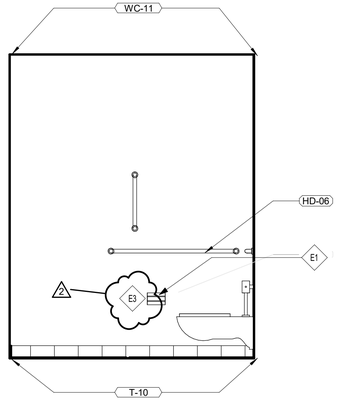
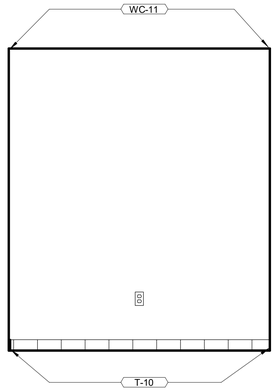
REFERENCE G-003 FOR GENERAL NOTES

## KEYNOTE LEGEND

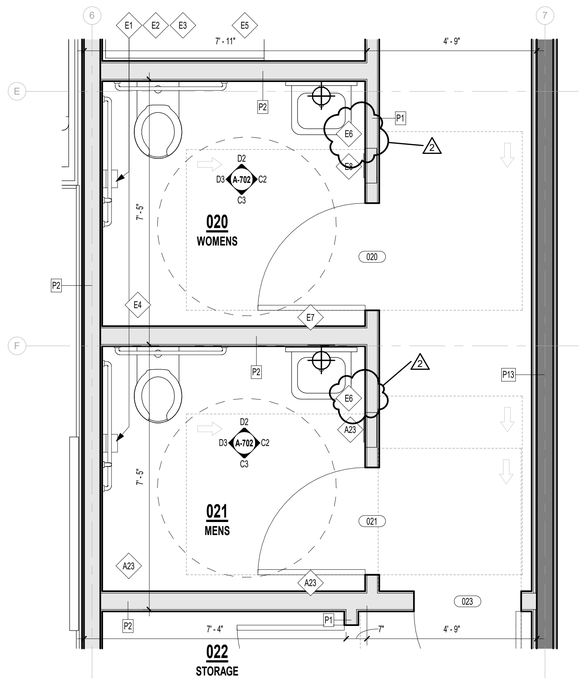
| | |
|---|---|
| A8 | SIGNAGE GRAPHIC, SEE INTERIOR SIGNAGE SPECIFICATION PACKAGE |
| A9 | BRAND PROMISE SIGN |
| A14 | ELEVATOR AND SURROUND - FINISH TO BE BRUSHED STAINLESS STEE |
| A19 | FIRE EXTINGUISHER CABINET |
| A23 | HOUSE PHONE |
| A27 | AVOID BACKSPLASH ON WALL SINK TO ALLOW FOR MIRROR TO BE INSTALLED AT PROPER HEIGHT |
| A28 | LEVER REQUIRED ON THE SIDE OF TANK OPPOSITE INSIDE CORNER OF WALL |
| A31 | FIRE DOOR |
| E1 | DOUBLE ROLL TOILET TISSUE HOLDER |
| E2 | WALL-MOUNTED SANITARY SEAT COVER DISPENSER |
| E3 | SANITARY NAPKIN DISPOSAL TRASH BIN (AT WOMEN'S AND UNISEX) |
| E4 | FREESTANDING DECORATIVE TRASH RECEPTACLE |
| E5 | DECORATIVE TOUCHLESS LIQUID SOAP DISPENSER |
| E6 | DECORATIVE FACIAL TISSUE DISPENSER RECESSED IN WALL |
| E7 | COAT HOOKS AT BACK OF THE DOOR |
| E8 | MOTION-ACTIVATED PAPER TOWEL DISPENSER |



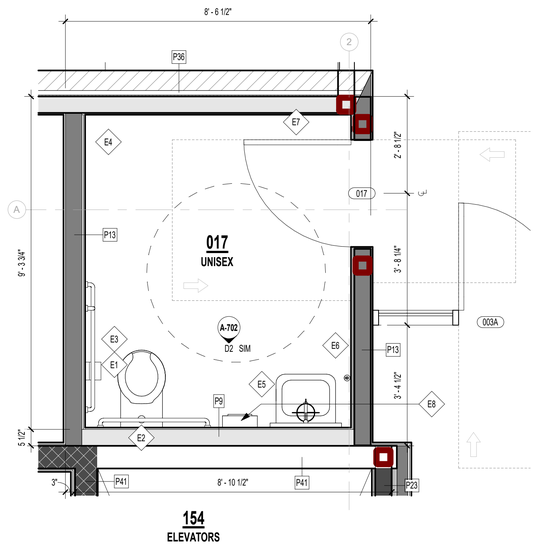

D3 PUBLIC RR ELEV.
1/2" = 1'-0"




C3 PUBLIC RR ELEV.
1/2" = 1'-0"

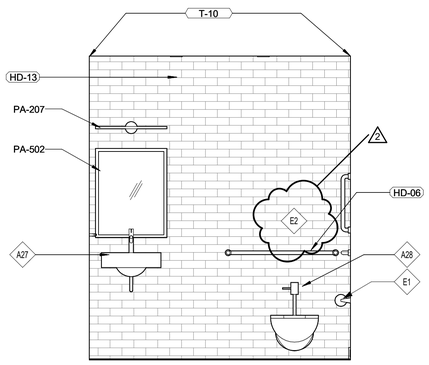



B2 PUBLIC RESTROOMS ENLARGED PLAN
1/2" = 1'-0"

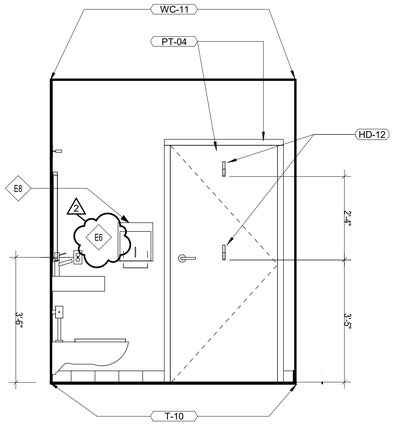



154
ELEVATORS

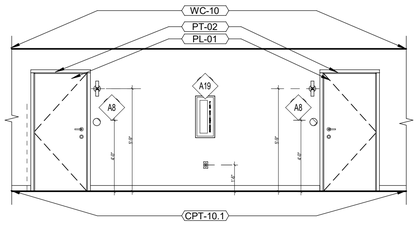
A2 POOL RESTROOMS ENLARGED PLAN
1/2" = 1'-0"



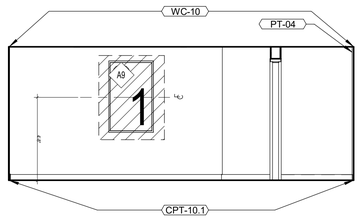

D2 PUBLIC RR ELEV.
1/2" = 1'-0"



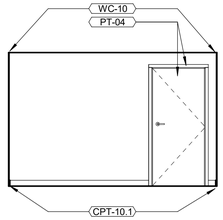

C2 PUBLIC RR ELEV.
1/2" = 1'-0"



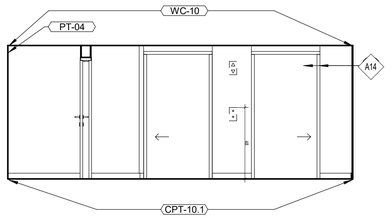

E1 GUEST CORRIDOR - TYP. ELEV.
1/4" = 1'-0"



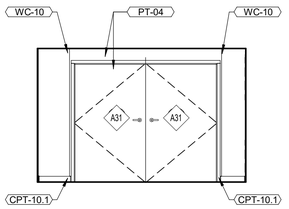

D1 GUEST ELEVATOR LOBBY
1/4" = 1'-0"




C1 GUEST ELEVATOR LOBBY
1/4" = 1'-0"




B1 GUEST ELEVATOR LOBBY
1/4" = 1'-0"




A1 GUEST ELEVATOR LOBBY
1/4" = 1'-0"

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STATE OF MISSOURI
DAVID EUGENE HENDRICKS
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
PUBLIC RESTROOMS

PROJECT NUMBER: 22023

SHEET NUMBER:

A-702

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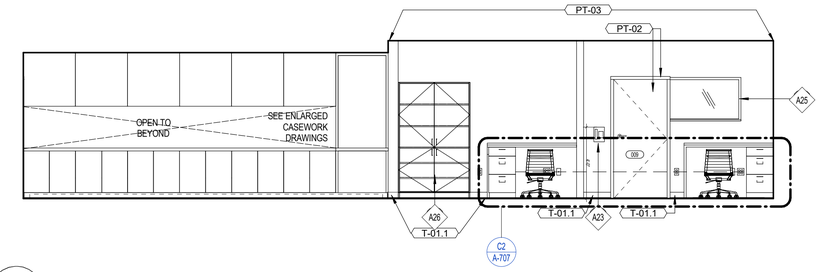
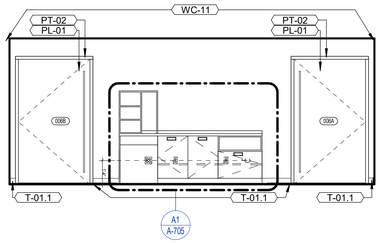
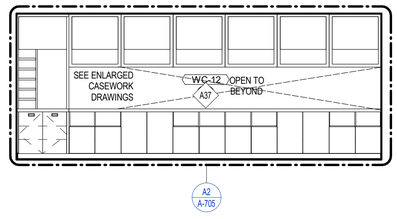



D5 WORK STATIONS AND SERVERY - ELEV.
1/4" = 1'-0"




C5 BREAKFAST - ELEV.
1/4" = 1'-0"

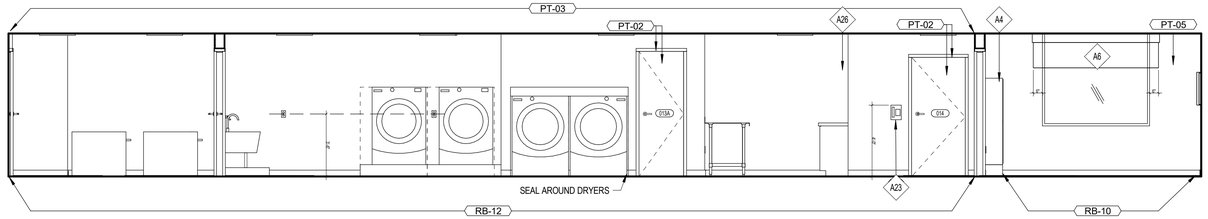



B5 BREAKFAST - ELEV.
1/4" = 1'-0"

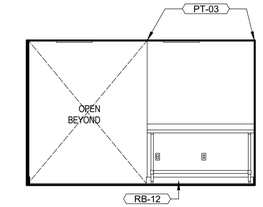
REFERENCE G-003 FOR GENERAL NOTES

## KEYNOTE LEGEND

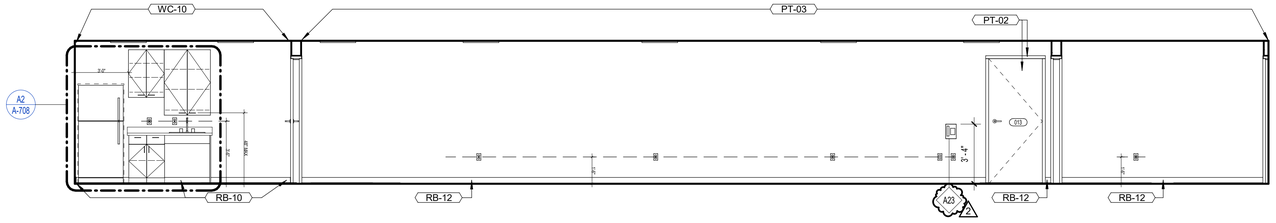
| | |
|---|---|
| A1 | GYPSUM BOARD SOFFIT FASCIA- REFER TO CEILING PLANS |
| A4 | EMPLOYEE LOCKERS: PROVIDE QUANTITY OF ACCESSIBLE LOCKERS AS REQUIRED BY ACCESSIBILITY REQUIREMENTS OR LOCAL JURISDICTION'S CODE, WHICHEVER IS MORE STRICT. ACCESSIBLE LOCKER MUST BE LOCATED WHERE THERE IS A CLEAR FLOOR SPACE TO REACH THE SHELVES, LOCK, ET |
| A6 | ROLLER SHADE - REFER TO FF&E |
| A8 | SIGNAGE GRAPHIC, SEE INTERIOR SIGNAGE SPECIFICATION PACKAGE |
| A17 | WALL MOUNTED TELEVISION, COORDINATE BLOCKING AND POWER LOCATION WITH TV MOUNT |
| A20 | FITNESS ROOM RULES SIGN |
| A23 | HOUSE PHONE |
| A25 | VISION WINDOW |
| A26 | SHELVING, SEE FF&E SPECIFICATIONS |
| A30 | PLATE MIRROR |
| A32 | FITNESS EQUIPMENT, SEE FITNESS.HILTON.COM FOR APPROVED VENDORS |
| A36 | WALL MOUNTED TOWEL STORAGE WITH UNDERCOUNTER LAUNDR. PROVIDE BLOCKING AS REQUIRED FOR WALL MOUNTED STORAGE. |
| A37 | FINISH AT WALL BEYOND |
| A38 | HYDRATION STATION |



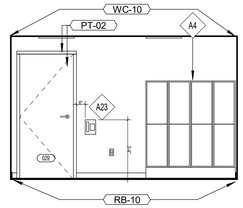

C4 LAUNDRY AND EMPLOYEE BREAKROOM - ELEV.
1/4" = 1'-0"



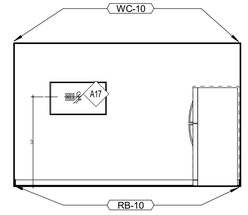

B4 LAUNDRY - ELEV.
1/4" = 1'-0"



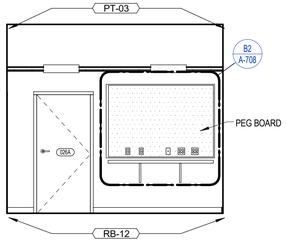

C3 LAUNDRY AND EMPLOYEE BREAKROOM - ELEV.
1/4" = 1'-0"



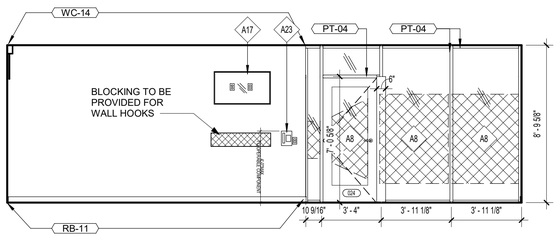

B3 EMPLOYEE BREAKROOM
1/4" = 1'-0"



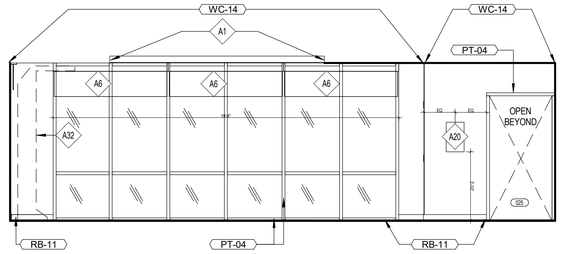

A3 EMPLOYEE BREAKROOM
1/4" = 1'-0"



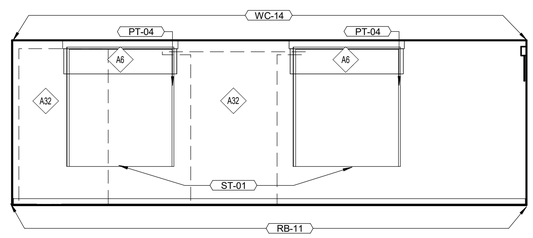

D2 ENGINEER - ELEV.
1/4" = 1'-0"



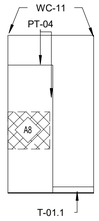

C2 FITNESS - ELEV.
1/4" = 1'-0"



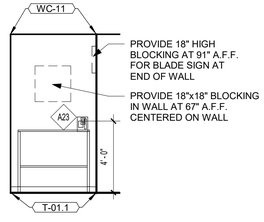

B2 FITNESS - ELEV.
1/4" = 1'-0"



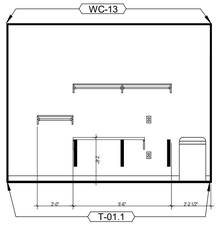

A2 FITNESS - ELEV.
1/4" = 1'-0"



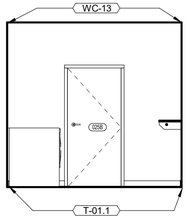

F1 FITNESS - ELEV.
1/4" = 1'-0"



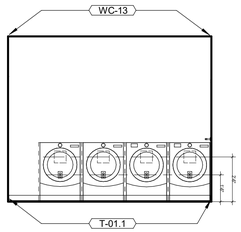

E1 FITNESS - ELEV.
1/4" = 1'-0"



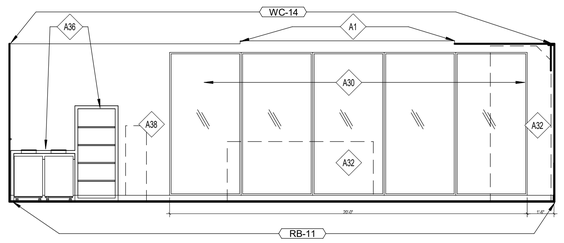

D1 GUEST LAUNDRY - ELEV.
1/4" = 1'-0"




C1 GUEST LAUNDRY - ELEV.
1/4" = 1'-0"




B1 GUEST LAUNDRY - ELEV.
1/4" = 1'-0"




A1 FITNESS - ELEV.
1/4" = 1'-0"

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p: 816.472.1448
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REVISIONS:
2 06/14/2024 CITY & BRAND RESPONSE

STATE OF MISSOURI
DAVID EUGENE HENDRIXSON
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
INTERIOR ELEVATIONS

PROJECT NUMBER: 22023

SHEET NUMBER:

A-704

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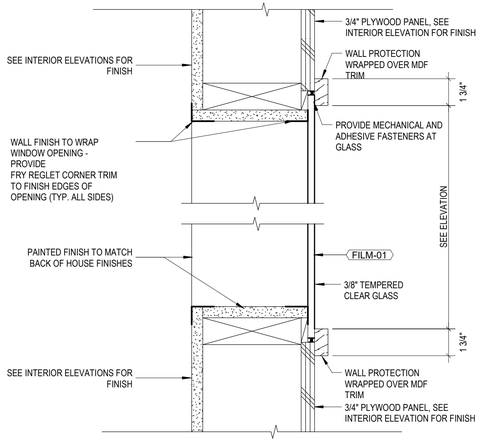
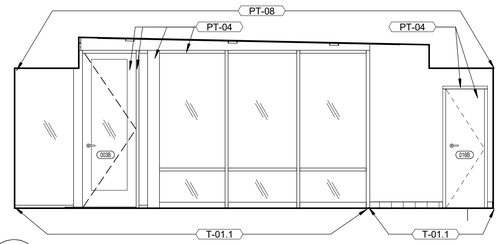
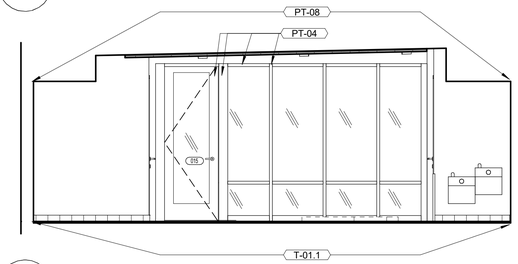
REFERENCE G-003 FOR GENERAL NOTES



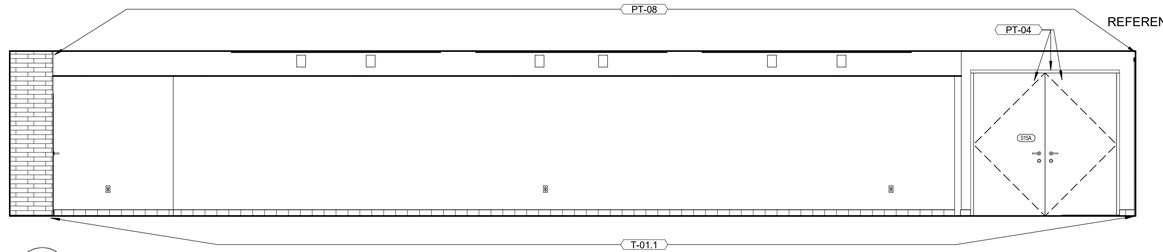

D2 VIEW WINDOW - DETAIL
3" = 1'-0"



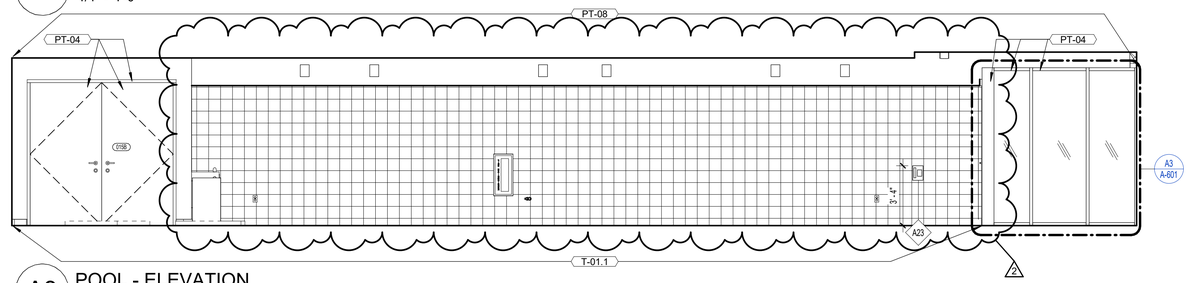

C4 POOL - ELEVATION
1/4" = 1'-0"



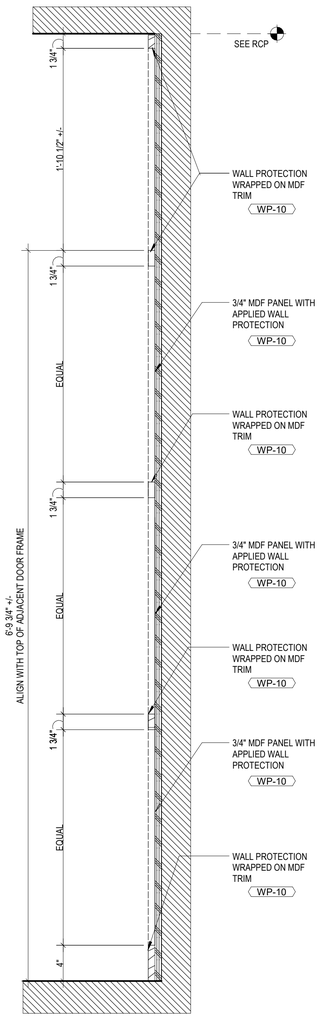

C3 POOL - ELEVATION
1/4" = 1'-0"



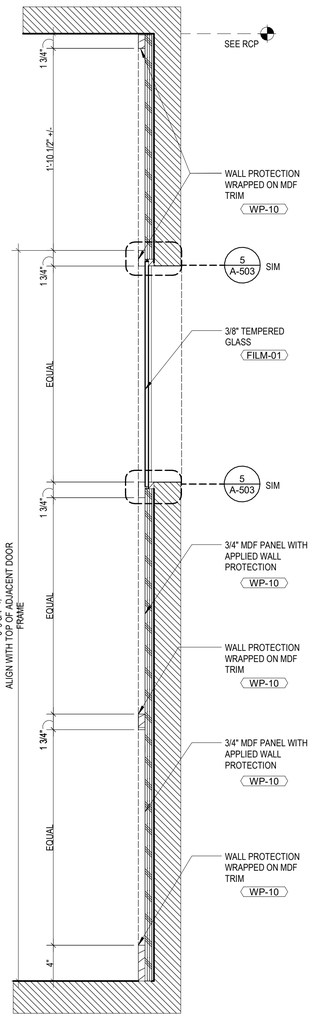

A4 POOL - ELEVATION
1/4" = 1'-0"



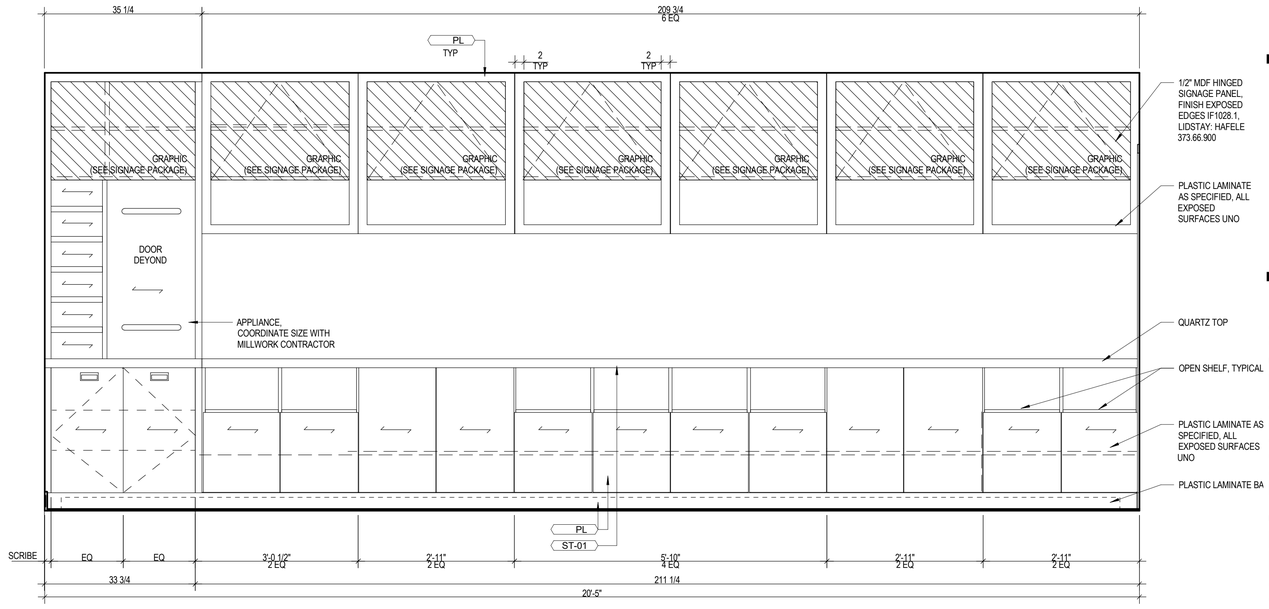

A3 POOL - ELEVATION
1/4" = 1'-0"



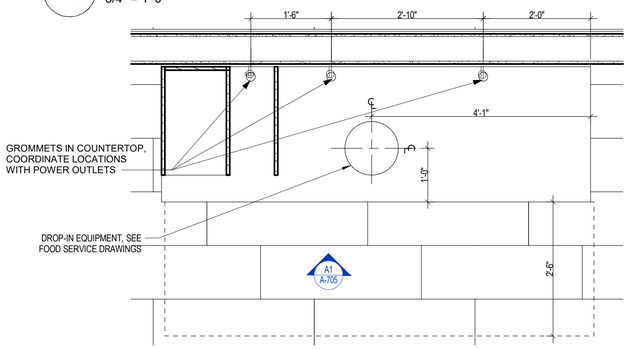

D1 TRIM - DETAIL
1 1/2" = 1'-0"



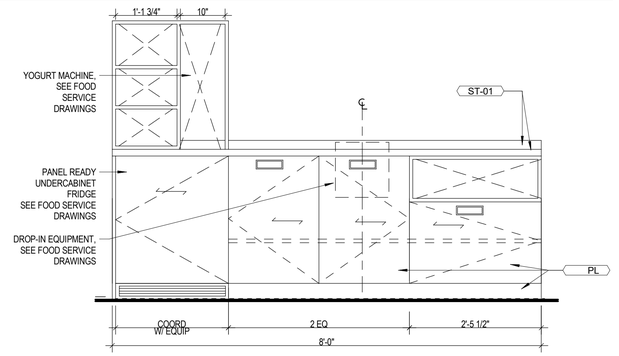

C1 TRIM AT WINDOW - DETAIL
1 1/2" = 1'-0"




A2 BREAKFAST - ELEV. ENLARGED 2
3/4" = 1'-0"




B1 BREAKFAST - PLAN ENLARGED
3/4" = 1'-0"




A1 BREAKFAST - ELEV. ENLARGED 1
3/4" = 1'-0"

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSE
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON
LEE'S SUMMIT, MO

SHEET TITLE
ENLARGED INTERIOR ELEVATIONS

PROJECT NUMBER: 22023

SHEET NUMBER:
A-705

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REFERENCE G-003 FOR GENERAL NOTES

## FINISH LEGEND

- CPT -- CARPET TILE 24X24
- T-01 -- TILE
- VCT
- T-13 -- QUARRY TILE
- SC -- SEALED CONCRETE
- RB -- RUBBER FLOORING

*NOTE: SEE A-400S UNIT PLANS SHEETS FOR ALL UNIT FINISH PLANS.

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

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STATE OF MISSOURI
DAVID EUGENE HENDRIXSE
NUMBER A-7305
REGISTERED ARCHITECT

HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
FINISH PLANS-COMMON SPACES

PROJECT NUMBER: 22023

SHEET NUMBER:

A-710


6/12/2024 4:22:45 PM
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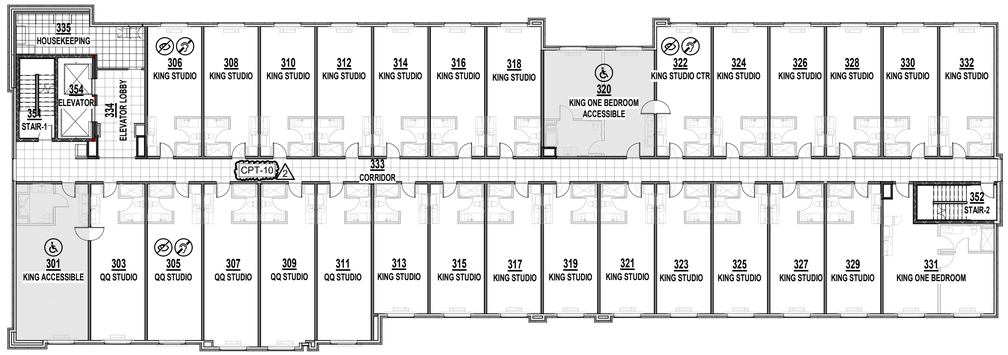
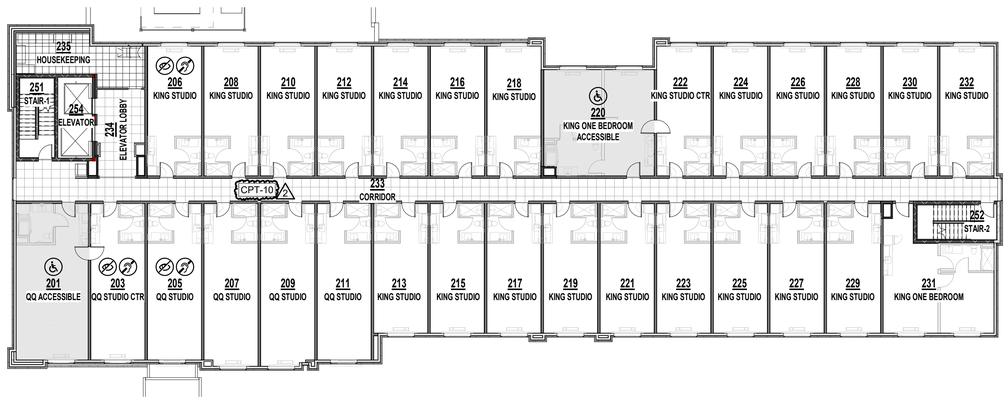
A3 FOURTH FLOOR PLAN
1/16" = 1'-0"




A2 THIRD FLOOR PLAN
1/16" = 1'-0"




A1 SECOND FLOOR PLAN
1/16" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES

## FINISH LEGEND

- CPT -- CARPET TILE 24X24
- T-01 -- TILE
- VCT
- T-13 -- QUARRY TILE
- SC -- SEALED CONCRETE
- RB -- RUBBER FLOORING

*NOTE: SEE A-400S UNIT PLANS SHEETS FOR ALL UNIT FINISH PLANS.

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STATE OF MISSOURI
DAVID EUGENE HENEMADE
NUMBER A-7305
REGISTERED ARCHITECT

# HOME2 SUITES BY HILTON

LEE'S SUMMIT, MO

SHEET TITLE
FINISH PLANS-COMMON SPACES

PROJECT NUMBER: 22023

SHEET NUMBER:

A-711

6/13/2024 11:41:07 AM
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## ROOF MEP PLAN SYMBOL LEGEND

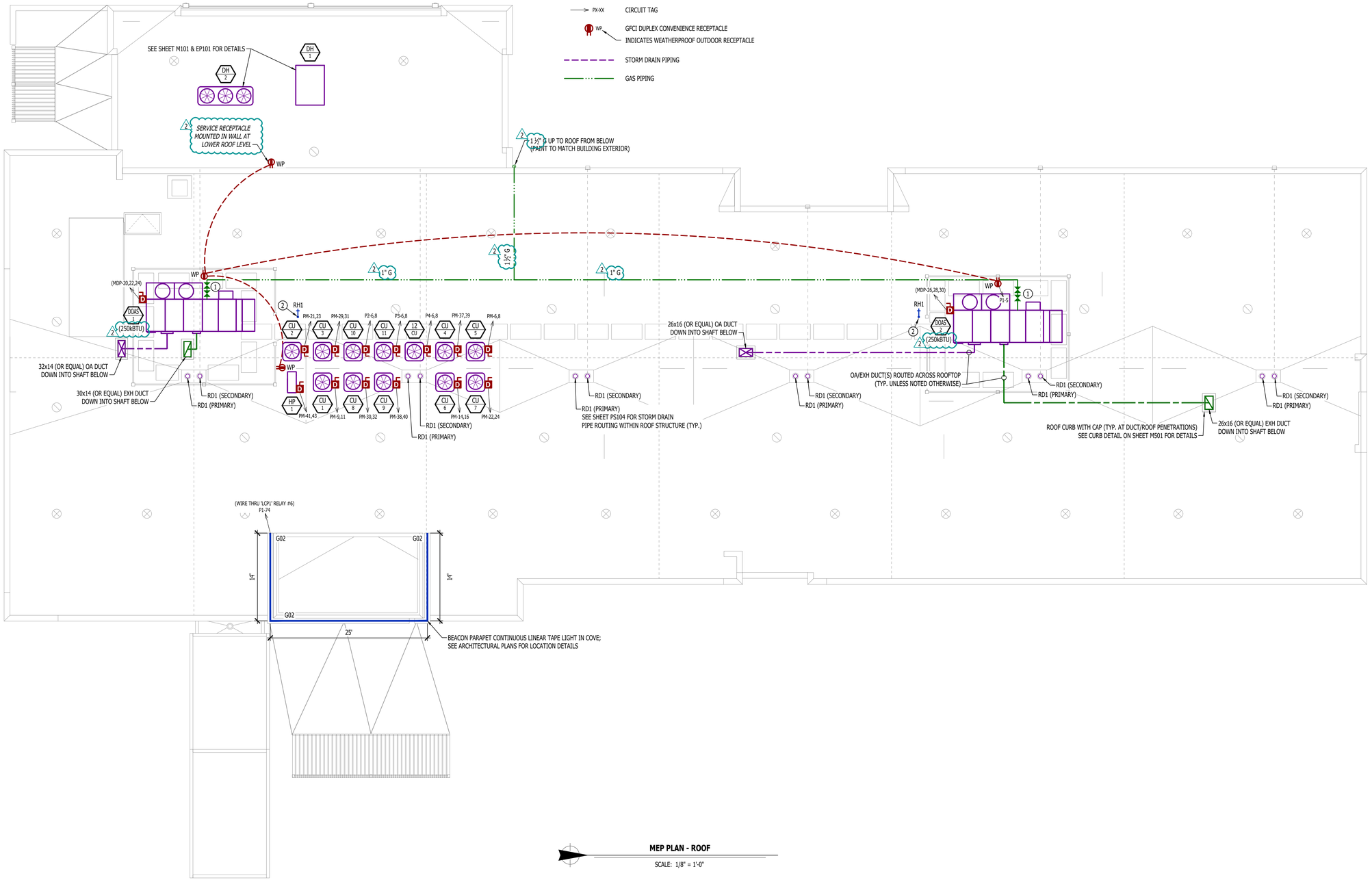
- X / # — EQUIPMENT TYPE (REFER TO EQUIPMENT SCHEDULE) / EQUIPMENT REFERENCE NUMBER
- SUPPLY DUCTWORK
- RETURN DUCTWORK
- EXHAUST DUCTWORK
- OUTSIDE AIR DUCTWORK
- CIRCUIT WIRING
- PX-XX — CIRCUIT TAG
- WP — GFCI DUPLEX CONVENIENCE RECEPTACLE / INDICATES WEATHERPROOF OUTDOOR RECEPTACLE
- STORM DRAIN PIPING
- GAS PIPING

## ROOF MEP PLAN GENERAL NOTES

1. REFER TO TRADE SPECIFIC SHEETS FOR ADDITIONAL INFORMATION.
2. PROVIDE & INSTALL 2PSI TO 11"W.C. VENTLESS REGULATOR & SHUT-OFF VALVE AT ALL GAS EQUIPMENT.

## ROOF MEP PLAN KEY NOTES

1. PROVIDE & INSTALL 2PSI TO 11" W.C. REGULATOR & SHUT-OFF VALVE AT EQUIPMENT CONNECTION.
2. ¾" CW UP FROM BELOW TO 'RH1'




**MEP PLAN - ROOF**
SCALE: 1/8" = 1'-0"


STATE OF MISSOURI
JAMES P. WATSON
NUMBER PE-2015017071
PROFESSIONAL ENGINEER

James Watson, P.E. June 14, 2024
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MO Certificate of Authority # 2018029680

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| | |
|---|---|
| J2 PROJECT No: | J21005 |
| J2 DESIGN: | ACW |

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| 2 CITY & BRAND RESPONSE | 06 / 14 / 2024 |
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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**MEP PLAN - ROOF**

SHEET NUMBER

**MEP4**

## HVAC PLAN SYMBOL LEGEND

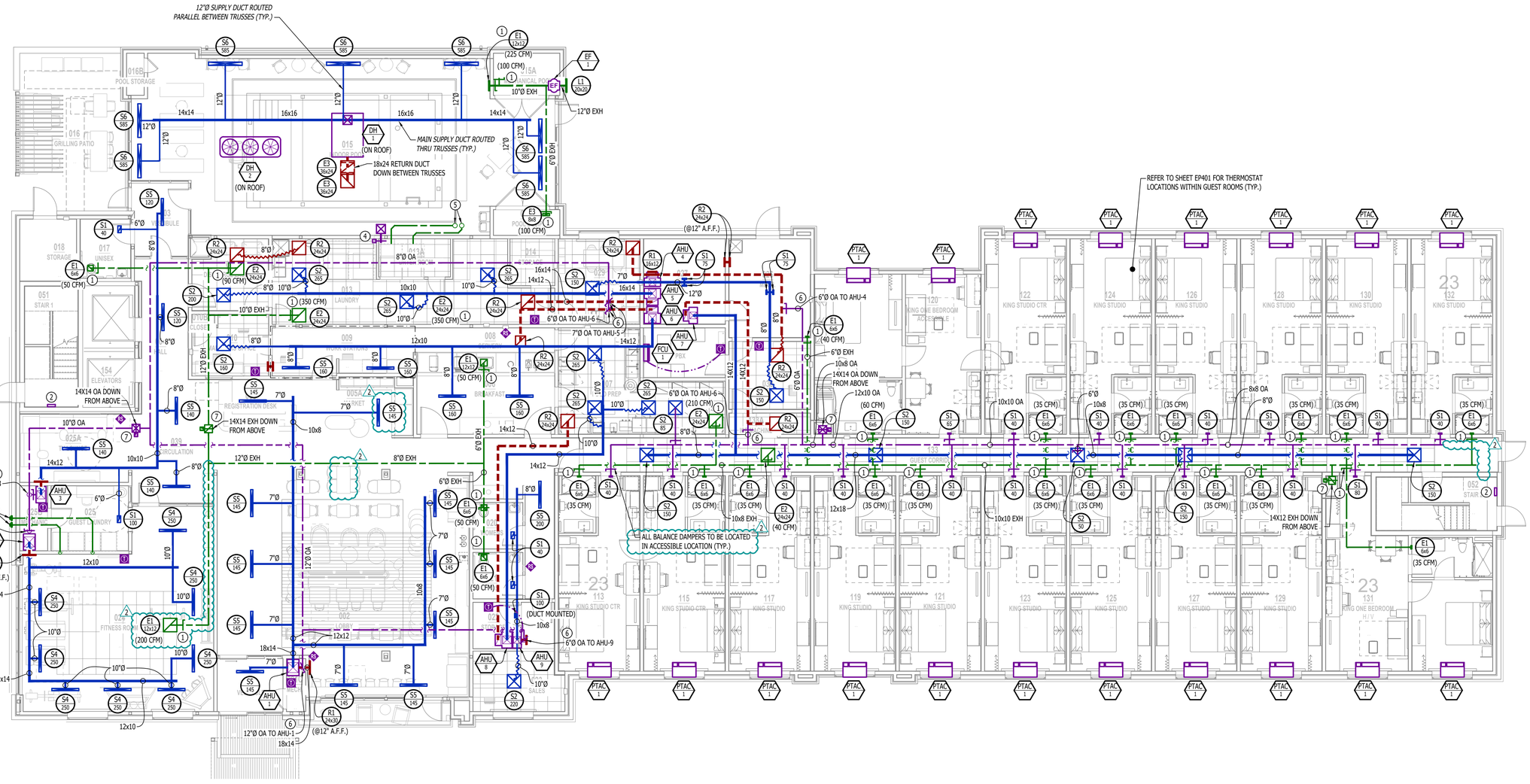
- EQUIPMENT TYPE (REFER TO EQUIPMENT SCHEDULE)
- EQUIPMENT REFERENCE NUMBER
- DIFFUSER/GRILLE TYPE (REFER TO SCHEDULE)
- CUBIC FEET PER MINUTE (CFM) / FACE SIZE
- SUPPLY DUCTWORK
- RETURN DUCTWORK
- EXHAUST DUCTWORK
- OUTSIDE AIR DUCTWORK
- FLEX DUCT
- VENT / COMBUSTION AIR
- CONDENSATION LINE
- SUPPLY DIFFUSER (HATCH INDICATES "NO FLOW ZONE")
- RETURN DIFFUSER
- BALANCE DAMPER
- MOTORIZED DAMPER
- CEILING RADIATION DAMPER
- FIRE RATED DAMPER
- SMOKE DAMPER
- THERMOSTAT
- CO2 DETECTOR
- REMOTE SENSOR

## HVAC PLAN GENERAL NOTES:

1. SEE M500 & M600 SERIES SHEETS FOR ADDITIONAL HVAC NOTES, DETAIL, AND SCHEDULES.
2. ALL DUCTWORK SHALL ROUTE IN SPACE ABOVE FINISHED CEILINGS UNLESS NOTED OTHERWISE.

## HVAC PLAN KEY NOTES:

1. BALANCE EXHAUST FLOW TO AMOUNT SHOWN (XXX CFM)
2. ELECTRIC WALL HEATER PROVIDED & INSTALLED BY ELECTRICIAN.
3. 4" DRYER EXHAUST FROM GUEST LAUNDRY DRYER TO EXTERIOR; TERMINATE WITH #DMV (COLOR DETERMINED BY ARCHITECT). WRAP DRYER EXHAUST WITH ZERO-CLEARANCE FIREWRAP EQUAL TO FIREMASTER DUCTWRAP OR EQUAL. DRYER EXHAUST SHALL NOT EXCEED 35' IN TOTAL DEVELOPED LENGTH PER IMC 504.8.4.
4. 16x16 COMBUSTION AIR DUCT OPEN TO DRYER ROOM; UP THRU ROOF TO GOOSENECK WITH ½" HARDWARE CLOTH OVER OPENING; INCLUDE MOTORIZED DAMPER ON OA DUCT INTERLOCKED WITH DRYER(S) - WHEN ANY DRYER IS IN OPERATION, DAMPER SHALL BE OPEN.
5. DRYER VENT ROUTED ABOVE CEILING TO TERMINATE UP THRU ROOF WITH GOOSENECK; LOCATE AT LEAST 10' FROM COMBUSTION AIR INTAKE.
6. BALANCE OA TO AMOUNT SHOWN IN EQUIPMENT SCHEDULE AT AHU RETURN DUCT CONNECTION.
7. COMBINATION FIRE/SMOKE DAMPER AT SHAFT PENETRATION; DAMPER TO CLOSE UPON FIRE ALARM SIGNAL. COORDINATE WITH FIRE ALARM CONTRACTOR & ELECTRICAL CONTRACTOR.




**HVAC PLAN - FIRST FLOOR**

SCALE: 1/8" = 1'-0"


JAMES P. WATSON
NUMBER PE-2015017071
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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J2 PROJECT No: J21005
J2 DESIGN: ACW

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| 2 CITY & BRAND RESPONSE | 06 / 14 / 2024 |
| | |
| | |

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**HVAC PLAN - FIRST FLOOR**

SHEET NUMBER

**M101**

## DEDICATED OUTSIDE AIR SYSTEM (DOAS) SCHEDULE

| TAG | MANUFACTURER (OR EQUAL) | MODEL NUMBER (OR EQUAL) | AIRFLOW | | | | | | | FILTRATION | | ENERGY RECOVERY | | | | GAS HEATING | | | | | COOLING | | | | | | | ELECTRICAL | | | PHYSICAL | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | SUPPLY FAN | | | | EXHAUST FAN | | | | | EFFECTIVENESS | | | | | | | | | E.A.T. | | L.A.T. | | | | | | | | | |
| | | | AIRFLOW (CFM) | E.S.P (in. H20) | T.S.P. (in. H20) | HP | AIRFLOW (CFM) | E.S.P (in. H20) | HP | SIZE | EFFICIENCY | TOTAL COOLING | SENS. COOLING (kBTU) | TOTAL HEATING | SENS. HEATING (kBTU) | INPUT CAPACITY | OUTPUT CAPACITY | TURNDOWN | E.D.B. (°F) | L.D.B. (°F) | D.B. (°F) | W.B. (°F) | D.B. (°F) | W.B. (°F) | SENSIBLE CAPACITY (kBTU) | NET TOTAL CAPACITY (kBTU) | EER | VOLTS/PH | MCA | OCP | DIMENSIONS (LxWxH) | WEIGHT (LBS) | |
| DOAS-1 | TRANE | OADG020F1-DAB10AE00-E3AEE3AE0-21A40B03C-A00C00A00-A00A00000-00AK00000 | 3020 | 1.00 | 2.52 | 1.69 | 2770 | 1.00 | 1.38 | 2" | MERV-8 - 30% | 92.48 | 43.08 | 185.9 | 140.3 | 250 | 203 | 8:1 | 48.5 | 110.3 | 81.3 | 70.3 | 46.5 | 46.2 | 108.8 | 206.8 | 14.9 | 208/3 | 87 | 110-3 | 212x52x70 | 4172 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 |
| DOAS-2 | TRANE | OADG020F1-DAB10AE00-G3AEE3AE0-21A40B03C-A00C00A00-A00A00000-00AK00000 | 3150 | 1.00 | 2.61 | 1.83 | 2775 | 1.00 | 1.39 | 2" | MERV-8 - 30% | 93.3 | 43.8 | 188.3 | 142.6 | 250 | 203 | 8:1 | 47.4 | 106.7 | 81.6 | 70.5 | 47.5 | 47.2 | 110.6 | 214.7 | 15.0 | 208/3 | 87 | 110-3 | 212x52x70 | 4172 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 |

**NOTES:**
1. HORIZONTAL DISCHARGE / HORIZONTAL RETURN
2. DX 6-ROW COIL; DIGITAL SCROLL FIRST CIRCUIT COMPRESSOR
3. DIRECT DRIVE SUPPLY & EXHAUST FAN MOTORS W/ SHAFT GROUNDING RING & VFD
4. WITH UC600 DISCHARGE AIR CONTROLLER
5. WITH BACNET BUILDING INTERFACE
6. WITH ERC-3625-4M ENERGY RECOVERY WHEEL (ALUMINUM CONSTRUCTION, FROST PROTECTION, WITH VFD)
7. WITH MODULATING OA & RA DAMPERS WITH ECONOMIZER
8. WITH BAROMETRIC RELIEF DAMPERS
9. WITH FACTORY INSTALLED DISCONNECT & HAIL-GUARDS
10. WITH ACTIVE (VFD) HEAD PRESSURE LOW-AMBIENT CONTROL
11. WITH SMOKE DETECTOR IN RETURN AIR DUCT TO SHUT DOWN UNIT AND SEND SIGNAL TO BUILDING FIRE ALARM SYSTEM UPON DETECTION OF SMOKE. IF NO BUILDING FIRE ALARM SYSTEM IS PRESENT, PROVIDE ALARM DEVICE IN OCCUPIED AREA.
12. WITH MERV-13 FILTRATION

## AIR HANDLING UNIT & AC SCHEDULE

| TAG | EQUIPMENT DESCRIPTION | SIZE (TONS) | ORIENTATION | TOTAL AIRFLOW (CFM) | E.S.P. (in. H20) | DOAS OA (CFM) | HEATING | COOLING (IA: 80 DB/67 WB, OA: 95 DB) | | | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ELECTRIC (KW) | SENSIBLE (KBTU) | TOTAL (KBTU) | MIN EFF. (SEER2) | VOLTS/PH | MCA | OCP | |
| AHU-1 | AIR HANDLING UNIT | 4.0 | UPFLOW | 1600 | 0.5 | 345 | 19 | - | - | - | 208/1 | 51, 43 | 60-2, 45-2 | 1, 2, 5, 12 |
| AHU-2 | AIR HANDLING UNIT | 5.0 | UPFLOW | 2000 | 0.5 | 225 | 19 | - | - | - | 208/1 | 51, 43 | 60-2, 45-2 | 1, 2, 5 |
| AHU-3 | AIR HANDLING UNIT | 2.0 | UPFLOW | 800 | 0.5 | 70 | 10 | - | - | - | 208/1 | 51 | 60-2 | 1, 2, 5 |
| AHU-4 | AIR HANDLING UNIT | 1.5 | UPFLOW | 600 | 0.5 | 95 | 8 | - | - | - | 208/1 | 44 | 45-2 | 1, 2, 5 |
| AHU-5 | AIR HANDLING UNIT | 2.5 | UPFLOW | 1000 | 0.5 | 110 | 10 | - | - | - | 208/1 | 51 | 60-2 | 1, 2, 5 |
| AHU-6 | AIR HANDLING UNIT | 2.0 | UPFLOW | 800 | 0.5 | 85 | 10 | - | - | - | 208/1 | 51 | 60-2 | 1, 2, 5 |
| AHU-7 | AIR HANDLING UNIT | 1.5 | UPFLOW | 600 | 0.5 | 50 | 8 | - | - | - | 208/1 | 44 | 45-2 | 1, 2, 5 |
| AHU-8 | AIR HANDLING UNIT | 2.0 | UPFLOW | 800 | 0.5 | - | 10 | - | - | - | 208/1 | 51 | 60-2 | 1, 2, 5 |
| AHU-9 | AIR HANDLING UNIT | 1.5 | UPFLOW | 600 | 0.5 | 35 | 8 | - | - | - | 208/1 | 44 | 45-2 | 1, 2, 5 |
| AHU-10 | AIR HANDLING UNIT | 1.5 | UPFLOW | 600 | 0.5 | - | 8 | | | | 208/1 | 44 | 45-2 | 1, 2, 5 |
| AHU-11 | AIR HANDLING UNIT | 1.5 | UPFLOW | 600 | 0.5 | - | 8 | | | | 208/1 | 44 | 45-2 | 1, 2, 5 |
| AHU-12 | AIR HANDLING UNIT | 2.0 | UPFLOW | 800 | 0.5 | - | 10 | | | | 208/1 | 51 | 60-2 | 1, 2, 5 |
| | | | | | | | | | | | | | | |
| CU-1 | CONDENSING UNIT | 4.0 | - | - | - | - | - | 36.8 | 48.3 | 13.4 | 208/1 | 24 | 40 | 3, 4 |
| CU-2 | CONDENSING UNIT | 5.0 | - | - | - | - | - | 41.0 | 57.0 | 13.4 | 208/1 | 34 | 60 | 3, 4 |
| CU-3 | CONDENSING UNIT | 2.0 | - | - | - | - | - | 18.2 | 24.5 | 13.4 | 208/1 | 14 | 25 | 3, 4 |
| CU-4 | CONDENSING UNIT | 1.5 | - | - | - | - | - | 13.6 | 18.6 | 13.4 | 208/1 | 12 | 20 | 3, 4 |
| CU-5 | CONDENSING UNIT | 2.5 | - | - | - | - | - | 23.1 | 32.0 | 13.4 | 208/1 | 16 | 25 | 3, 4 |
| CU-6 | CONDENSING UNIT | 2.0 | - | - | - | - | - | 18.2 | 24.5 | 13.4 | 208/1 | 14 | 25 | 3, 4 |
| CU-7 | CONDENSING UNIT | 1.5 | - | - | - | - | - | 13.6 | 18.6 | 13.4 | 208/1 | 12 | 20 | 3, 4 |
| CU-8 | CONDENSING UNIT | 2.0 | - | - | - | - | - | 18.2 | 24.5 | 13.4 | 208/1 | 14 | 25 | 3, 4 |
| CU-9 | CONDENSING UNIT | 1.5 | - | - | - | - | - | 13.6 | 18.6 | 13.4 | 208/1 | 12 | 20 | 3, 4 |
| CU-10 | CONDENSING UNIT | 1.5 | - | - | - | - | - | 13.6 | 18.6 | 13.4 | 208/1 | 12 | 20 | 3, 4 |
| CU-11 | CONDENSING UNIT | 1.5 | - | - | - | - | - | 13.6 | 18.6 | 13.4 | 208/1 | 12 | 20 | 3, 4 |
| CU-12 | CONDENSING UNIT | 2.0 | - | - | - | - | - | 18.2 | 24.5 | 13.4 | 208/1 | 14 | 25 | 3, 4 |

**NOTES:**
1. PROVIDE AND INSTALL 7 DAY PROGRAMABLE THERMOSTAT. COORDINATE EXACT MOUNTING LOCATION WITH OWNER.
2. INCLUDE CORROSION RESISTANT DRAIN PAN WITH OVERFLOW SWITCH WIRED TO SHUT DOWN UNIT.
3. WITH FACTORY HAIL GUARD.
4. LOW AMBIENT PACKAGE FOR OPERATION TO 0° F.
5. WITH MERV-13 FILTRATION

## PTAC SCHEDULE

| TAG | EQUIPMENT DESCRIPTION | MANUFACTURER (OR EQUAL) | MODEL NUMBER (OR EQUAL) | TOTAL AIRFLOW (CFM) | HEATING | COOLING (IA: 80 DB/67 WB, OA: 95 DB) | | | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ELECTRIC (KW) | SENSIBLE (KBTU) | TOTAL CAP. (KBTU) | MIN EFF. (EER) | VOLTS/PH | MCA | OCP | |
| PTAC-1 | PACKAGED TERMINAL AC | FRIEDRICH | PDE07K3SG | 315 - 255 | 3.5 | 6.2 | 7.2 | 13.0 | 208/1 | 16 | 20-2 | 1, 2, 3, 4 |
| PTAC-2 | PACKAGED TERMINAL AC | FRIEDRICH | PDE09K3SG | 355 - 275 | 3.5 | 8.0 | 9.4 | 12.1 | 208/1 | 16 | 20-2 | 1, 2, 3, 4 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

**NOTES:**
1. PROVIDE & INSTALL
2. WITH WALL SLEEVE
3. WITH #PXSB23020 UNIT SUBBASE & #PXDS DISCONNECT SWITCH
4. WITH ARCHITECTURAL SERIES EXTERIOUR GRILLE (VERIFY STYLE WITH ARCHITECT)

## POOL DEHUMIDIFICATION UNIT SCHEDULE

| TAG | MANUFACTURER | MODEL # | SUPPLY CFM | OA CFM | FAN E.S.P. (IN) | TEMP / HUMIDITY | | | | ELECTRIC HEAT (KW) | R410A COOLING | | | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SPACE TEMP | MAX RH | POOL SQ FT | POOL TEMP | | CAPACITY (MBH) NET SENSIBLE | CAPACITY (MBH) TOTAL | WTR RATE (lb / hr) | VOLT | MCA | MOP | |
| DH-1 | DESERT-AIRE | LC-10C7NEFUMDAED | 4100 | 375 | 1.5 | 84 | 56 | 500 | 82 | 19 | - | - | - | 208/3 | 117 | 125-3 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 12 |
| DH-2 | DESERT-AIRE | RCSS051C3H21900 | - | - | - | - | - | - | - | - | 71.8 | 135.0 | 59.0 | 208/3 | 8 | 15-3 | 6, 8 |
| | | | | | | | | | | | | | | | | | |

**NOTES:**
1. ALL COOLING CAPACITES BASED ON 92°F OUTSIDE AIR TEMPERATURE.
2. THE MANUFACTURER SHALL REVIEW ALL CONDITIONS & GUARANTEE A FULLY OPERATIONAL SYSTEM & PROVIDE INDOOR CONDITIONS OF 84°F SPACE TEMP AT A WATER TEMP OF 2 DEGREES COOLER.
3. ALL CONTROLS ARE THE RESPONSIBILITY OF THE MANUFACTURER & CONTRACTOR.
4. UNIT SHALL HAVE FACTORY ASSISTED START-UP WITH WEB INTERNET CONNECTION. INTERNET CONNECTION REQUIRED AT UNIT.
5. UNIT SHALL BE PROVIDED WITH THE FOLLOWING: FACTORY MOUNTED INTEGRAL DISCONNECTS ON OUTDOOR UNITS, REMOTE THERMOSTAT / DEHUMIDISTAT WITH RETURN DUCT MOUNTED SENSORS, ELECTRIC REHEAT FOR HUMIDITY CONTROL, 2" PLEATED FILTERS WITH CLOGGED FILTER SWITCH, SWIMMING POOL PROTECTIVE COATING ON FULL INTERIOR CASING & COILS, AND STAINLESS STEEL HEAT EXCHANGER.
6. WITH CURB & ACCESSORIES FOR EXTERIOR (ROOF) MOUNTING CONFIGURATION
7. WITH RETURN DUCT SMOKE-DETECTOR INTEGRATED INTO BUILDING FIRE ALARM SYSTEM.
8. WITH CURB OR EQUIPMENT RAIL MOUNTED SCREENING SYSTEM WITH SMOOTH PANEL PROFILE. VERFIY PANEL & TRIM COLOR WITH ARCHITECT.
9. WITH MERV-13 FILTRATION

## MINI-SPLIT SYSTEM SCHEDULE

| TAG | EQUIPMENT DESCRIPTION | SIZE (TONS) | ORIENTATION | TOTAL AIRFLOW (CFM) | HEATING (IA:70 DB, OA:17 DB) | COOLING (IA: 80 DB/67 WB, OA: 95 DB) | | | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | TOTAL (KBTU) | SENSIBLE (KBTU) | TOTAL (KBTU) | EFFICIENCY (SEER) | VOLTS/PH | MCA | OCP | |
| FCU-1 | FAN-COIL UNIT | 2.0 | WALL-MOUNT | 700 | - | - | - | - | (POWERED THRU HP-1) | | | 1, 3, 4 |
| HP-1 | HEAT PUMP | 2.0 | STANDARD | - | 18.3 | 18.5 | 24 | 21 | 208/1 | 14 | 25-2 | 2, 5 |
| | | | | | | | | | | | | |

**NOTES:**
1. WITH WIRED THERMOSTAT
2. WITH WIND BAFFLE
3. WITH FIELD INSTALLED CONDENSATE PUMP
4. EQUAL TO MITSUBISHI #PKA-A24KA7
5. EQUAL TO MITSUBISHI #PUZ-A24NHA7

## EXHAUST FAN SCHEDULE

| TAG | EQUIPMENT TYPE | MANUFACTURER (OR EQUAL) | MODEL (OR EQUAL) | FLOW | | ELECTRICAL | | | PHYSICAL | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | CFM | S.P. | VOLT/PH | MCA | OCP | DIM. | WEIGHT | |
| EF-1 | IN-LINE EXHAUST FAN | SOLER & PALAU | TD-200S | 425 | 3/8" | 120/1 | 1 | 20 | 23x13x11 | 20 lbs. | 1, 2 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

**NOTES:**
1. WITH BACKDRAFT DAMPER
2. WITH SPEED CONTROLLER

## AIR DEVICE SCHEDULE

| TAG | SERVICE | MANUFACTURER (OR EQUAL) | MODEL (OR EQUAL) | SIZE | COLOR / FINISH | NOTES |
|---|---|---|---|---|---|---|
| S1 | SUPPLY | PRICE | 520 | 6x6 | WHITE | |
| S2 | SUPPLY | PRICE | SPD | 24x24 | WHITE | |
| S3 | SUPPLY | PRICE | 520 | 12x6 | WHITE | |
| S4 | SUPPLY | PRICE | SDS-100 | 48"L (3 SLOT) | WHITE | WITH 'SDB' PLENUM BOX |
| S5 | SUPPLY | PRICE | SDS-100 | 48"L (2 SLOT) | WHITE | WITH 'SDB' PLENUM BOX |
| S6 | SUPPLY | PRICE | SDS-150 | 60"L (4 SLOT) | WHITE | WITH 'SDB' PLENUM BOX |
| E1 | EXHAUST | PRICE | 530 | AS INDICATED | WHITE | |
| E2 | EXHAUST | PRICE | 80 | AS INDICATED | WHITE | |
| E3 | EXHAUST | PRICE | 630 | AS INDICATED | WHITE | ALUMINUM |
| T1 | TRANSER | PRICE | STG | AS INDICATED | WHITE | |
| R1 | RETURN | PRICE | 530 | AS INDICATED | WHITE | |
| R2 | RETURN | PRICE | 80 | AS INDICATED | WHITE | |
| R3 | RETURN | PRICE | 630 | AS INDICATED | WHITE | ALUMINUM |
| L1 | EXH / OA | POTTORFF | EFD | AS INDICATED | PRIMED | PAINT TO MATCH EXTERIOR |
| | | | | | | |

**NOTES:**
1. VERIFY AIR DEVICE FINISHES WITH OWNER/ARCHITECT PRIOR TO INSTALLATION

## DIFFUSER NECK SIZING SCHEDULE

| AIRFLOW (CFM) | NECK SIZE (in) |
|---|---|
| 0 - 120 | 6" |
| 120 - 210 | 8" |
| 210 - 325 | 10" |
| 325 - 470 | 12" |
| 470 - 640 | 14" |


STATE OF MISSOURI
JAMES P. WATSON
NUMBER PE-2015017071
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| J2 DESIGN: | ACW |

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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**HVAC SCHEDULES**

SHEET NUMBER

# M601

## POWER PLAN SYMBOL LEGEND

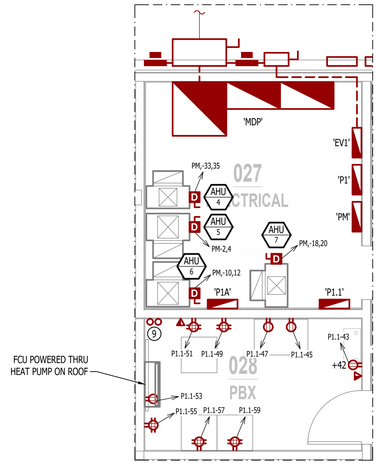
| | | | |
|---|---|---|---|
| | CIRCUIT WIRING | | DATA / PHONE JACK<br>BOX WITH 1" CONDUIT WITH CAT-6<br>(STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)<br>MULTIPLE CAT-6 IN SINGLE BOX IN MULTIPLE<br>SYMBOLS SHOWN AT THE SAME LOCAITON |
| PX-XX | CIRCUIT TAG | | |
| J | JUNCTION BOX | TV | COAX & CAT-6 HOME RUNS<br>(SEE BRAND REQUIREMENTS) |
| XX +42 | RECEPTACLE<br>INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX<br>(STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)<br>"WP" = WEATHERPROOF OUTDOOR RECEPTACLE<br>"AW" = ABOVE WINDOW RECEPTACLE<br>"AC" = ABOVE CEILING RECEPTACLE<br>"IG" = ISOLATED GROUND | AP | WIRELESS ACCESS POINT, CEILING MOUNTED |
| | | WAP | WIRELESS ACCESS POINT, WALL MOUNTED |
| | GFCI DUPLEX CONVENIENCE RECEPTACLE | | FLOOR RECEPTACLE |
| | 208V RECEPTACLE | | FLOOR DATA |
| | QUADPLEX CONVENIENCE RECEPTACLE | D | DISCONNECT |
| U | USB OUTLET<br>WITH USB-A & USB-C CHARGING PORT | FD | FUSED DISCONNECT |

## POWER PLAN GENERAL NOTES:

1. SEE E500 & E600 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
2. ALL TECHNOLOGY WIRING SYSTEMS MUST BE SUPPLIED & INSTALLED BY A SUPPLIER APPROVED BY HILTON, WHO IS A PANDUIT CERTIFIED INSTALLER (PCI) PARTNER. REFER TO SECTION 2518 OF "HOME2 SUITES BRAND STANDARDS - UNITED STATES 2500 - DESIGN, CONSTRUCTION & RENOVATION STANDARD" FOR FURTHER INFORMATION.
3. VERIFY ALL POWER/DATA LOCATION SHOWN WITH BRAND PRIOR TO ROUGH-IN.
4. REFER TO BRAND PROTOTYPE DRAWINGS FOR DIMENSIONED RECEPTACLE LOCATIONS.

## POWER PLAN KEY NOTES:

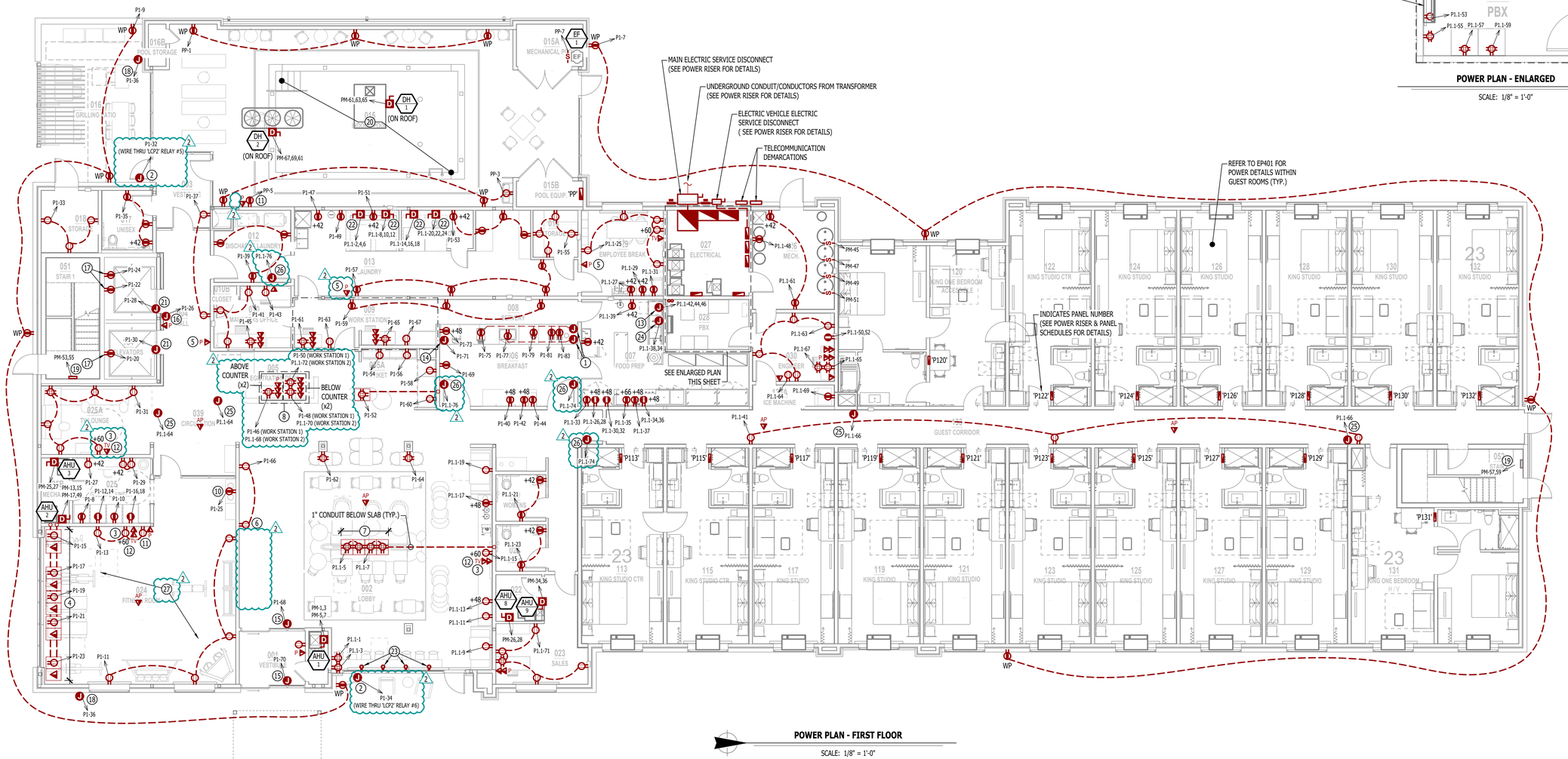
1. STUB OUT, TO FIXTURE MOUNTED OUTLET (BY ELECTRICAL CONTRACTOR). COORDINATE EXACT SPECIFICATIONS & REQUIREMENTS WITH DISPLAY SHOWCASE SUPPLIER/INSTALLER.
2. POWER FOR EXTERIOR STRING LIGHTS, COORDINATE EXACT LOCATION & REQUIREMENTS WITH LIGHTING PROVIDER.
3. COORDINATE OUTLET LOCATION WITH MEDIA MOUNT (SEE ARCHITECTURAL PLANS).
4. FLUSH MOUNTED FLOOR OUTLET BOX WITH BRUSHED ALUMINUM COVER PLATE. COORDINATE LOCATION WITH FITNESS EQUIPMENT SUPPLIER.
5. HOUSE PHONE LOCATION.
6. PROVIDE DUPLEX OUTLET AT GALLERY WALL FOR CLOCK, COORDINATE EXACT LOCATION WITH ARCHITECTURAL PLANS.
7. FLUSH MOUNTED FLOOR OUTLET BOX WITH BRUSHED ALUMINUM COVER PLATE. COORDINATE FLOOR RECEPTACLE LOCATION WITH FURNITURE PLACEMENT.
8. POWER, DATA, PHONE, ETC. LOCATED WITHIN MILLWORK OF WELCOME DESK. COORDINATE EXACT LOCATION/REQUIREMENTS WITH WELCOME DESK SUPPLIER/INSTALLER. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL/REQUIREMENTS. PROVIDE CONDUIT BACK TO COMPUTER/COMMUNICATIONS FOR ALL SYSTEMS. POWER RECEPTACLES BELOW THE DESK MUST NOT BE ON A SEPARATE DEDICATED GROUNDED CIRCUIT FROM THE OUTLETS ABOVE THE DESK.
9. (2) 3" CONDUIT FROM TELECOMMUNICATION DEMARCATIONS INTO PBX CLOSET.
10. COORDINATE LOCATION OF POWER FOR HYDRATION STATION TO BE CONCEALED BY MILLWORK.
11. POWER FOR HOUSE TELEPHONE AND/OR EMERGENCY TELEPHONE. THE EMERGENCY TELEPHONE MUST BE MOUNTED 48"/1.2 M MAXIMUM ABOVE THE FINISHED FLOOR. THE TELEPHONE MUST HAVE A RED CASING. THE TELEPHONE MUST ALLOW DIRECT CALLS TO OUTSIDE EMERGENCY RESPONDERS AND TO A LOCATION THAT IS MANNED 24-HOURS A DAY UNLESS THE LOCAL JURISDICTION REQUIRES OTHERWISE. THE TELEPHONE MUST COMPLY WITH BRAND STANDARD 702.01.A – EMERGENCY SERVICES.
12. PROVIDE COAX & CAT6 HOME-RUNS AT ALL PUBLIC & BACK-OF-HOUSE TELEVISIONS
13. POWER FOR DISHWAHSER; COORDINATE EXACT DETAILS & REQUIREMENTS WITH EQUIPMENT SUPPLIER/INSTALLER.
14. POWER FOR TAPE LIGHTS @ SERVERY DRAWER(S) IN CASEWORK. COORDINATE EXACT LOCATION/REQUIREMENTS WITH CASEWORK SUPPLIER/INSTALLER.
15. POWER FOR DOOR OPERATOR; COORDINATE EXACT LOCATION & REQUIREMENTS WITH DOOR HARDWARE SUPPLIER/INSTALLER.
16. POWER/DATA/PHONE FOR RATH 2-WAY ELEVATOR COMMUNICATION SYSTEM.
17. RECEPTACLE(S) IN ELEVATOR PIT; REFER TO ELEVATOR PIT DETAIL.
18. POWER FOR 120V SOLENOID/GAS VALVE. WIRE THRU 'LCP1' RELAY #8. INCLUDE EMERGENCY STOP PUSH-BUTTON EQUAL TO STI-USA #SS2079ES-EN TO OPEN CIRCUIT TO ELECTRICALLY HELD GAS SOLENOID TO TURN OFF GAS SUPPLY TO FIRE-PIT. MOUNT IN OBVIOUS VISIBLE LOCATION. COORDINATE WITH PLUMBING CONTRACTOR.
19. PROVIDE & INSTALL 3kW ELECTRIC WALL HEATER EQUAL TO QMARK #AWH404F.
20. PROVIDE EQUIPOTENTIAL BONDING OF POOL & DECK AREA PER NEC 680.26. SEE ELECTRICAL DETAILS.
21. POWER FOR SMOKE CURTAIN; SEE ARCHITECTURAL DETAILS.
22. POWER FOR WASHER/DRYER; VERIFY EXACT ELECTRICAL REQUIREMENTS WITH BRAND/GC PRIOR TO INSTALLATION.
23. EXTEND P1.1-1 & P1.1-3 CIRCUITS TO SUPPLY POWER HUBS (EQUIPMENT PART OF FF&E PACKAGE). REFER TO ARCHITECTURAL PLANS FOR DETAILS.
24. POWER FOR DISPOSAL; COORDINATE EXACT DETAILS & REQUIREMENTS WITH EQUIPMENT SUPPLIER/INSTALLER.
25. POWER FOR FIRE/SMOKE DAMPER ACTIVATION (DAMPER TO CLOSE ON FIRE ALARM SIGNAL) COORDINATE EXACT LOCATION & REQUIREMENTS WITH HVAC CONTRACTOR & FIRE ALARM CONTRACTOR.
26. POWER FOR MAGNETIC DOOR HOLDS, DOOR(S) TO CLOSE UPON FIRE DETECTION (COORDINATE EXACT LOCATION & REQUIREMENTS WITH DOOR HARDWARE SUPPLIER & FIRE ALARM SYSTEM INSTALLER.
27. COORDINATE EXACT POWER & DATA REQUIREMENTS OF ALL FITNESS EQUIPMENT WITH VENDOR. BRAND REVIEW OF LAYOUT IS REQUIRED PRIOR TO APPROVAL/ROUGH-IN.




FCU POWERED THRU HEAT PUMP ON ROOF

**POWER PLAN - ENLARGED**

SCALE: 1/8" = 1'-0"




**POWER PLAN - FIRST FLOOR**

SCALE: 1/8" = 1'-0"


STATE OF MISSOURI
JAMES P. WATSON
NUMBER PE-2015017071
PROFESSIONAL ENGINEER

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| J2 DESIGN: | ACW |

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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHU APPROVAL STAMP

SHEET TITLE

**POWER PLAN - FIRST FLOOR**

SHEET NUMBER

**EP101**

## POWER PLAN SYMBOL LEGEND

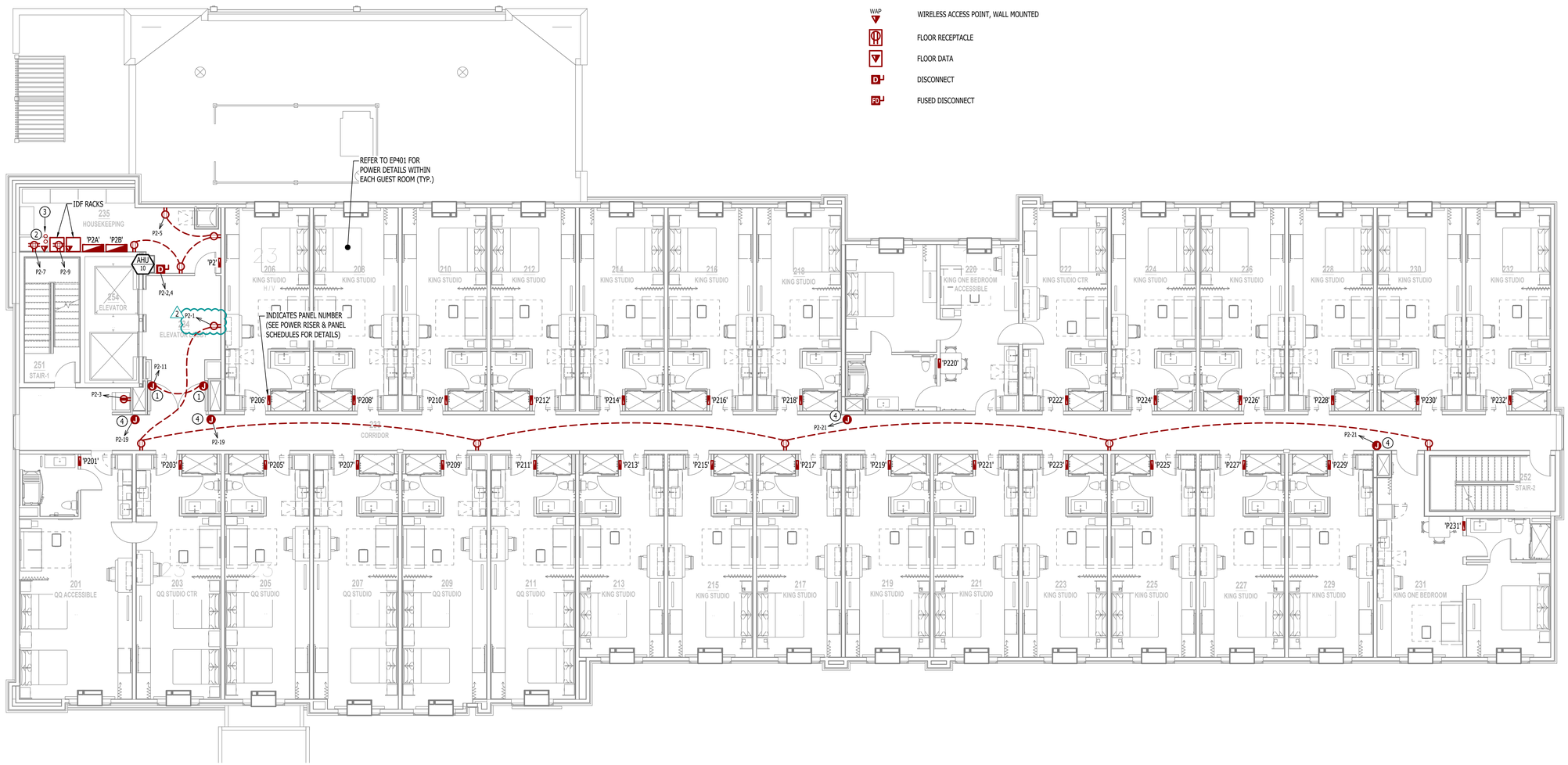
- CIRCUIT WIRING
- PX-XX — CIRCUIT TAG
- J — JUNCTION BOX
- XX … +42 — RECEPTACLE
  - INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
  - "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
    "AW" = ABOVE WINDOW RECEPTACLE
    "AC" = ABOVE CEILING RECEPTACLE
    "IG" = ISOLATED GROUND
- GFCI DUPLEX CONVENIENCE RECEPTACLE
- 208V RECEPTACLE
- QUADPLEX CONVENIENCE RECEPTACLE
- U — USB OUTLET WITH USB-A & USB-C CHARGING PORT
- DATA / PHONE JACK BOX WITH 1" CONDUIT WITH CAT-6 (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- AP — WIRELESS ACCESS POINT, CEILING MOUNTED
- WAP — WIRELESS ACCESS POINT, WALL MOUNTED
- FLOOR RECEPTACLE
- FLOOR DATA
- D — DISCONNECT
- FD — FUSED DISCONNECT

## POWER PLAN GENERAL NOTES:

1. SEE E500 & E600 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.

## POWER PLAN KEY NOTES:

1. POWER FOR MAG-HOLDS; WIRE THRU FIRE ALARM SYSTEM, COORDINATE WITH DOOR HARDWARE SUPPLIER/INSTALLER.
2. POWER/DATA FOR IDF EQUIPMENT; COORDINATE EXACT LOCATION & REQUIREMENTS WITH LOW-VOLTAGE CONTRACTOR.
3. (2) 3" CONDUIT (EACH WITH PULL-STRING) FROM PBX ROOM ON MAIN LEVEL TO IDF RACK LOCATION.
4. POWER FOR FIRE/SMOKE DAMPER ACTIVATION (DAMPER TO CLOSE ON FIRE ALARM SIGNAL) COORDINATE EXACT LOCATION & REQUIREMENTS WITH HVAC CONTRACTOR & FIRE ALARM CONTRACTOR.




POWER PLAN - SECOND FLOOR

SCALE: 1/8" = 1'-0"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2

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**POWER PLAN - SECOND FLOOR**

SHEET NUMBER

**EP102**

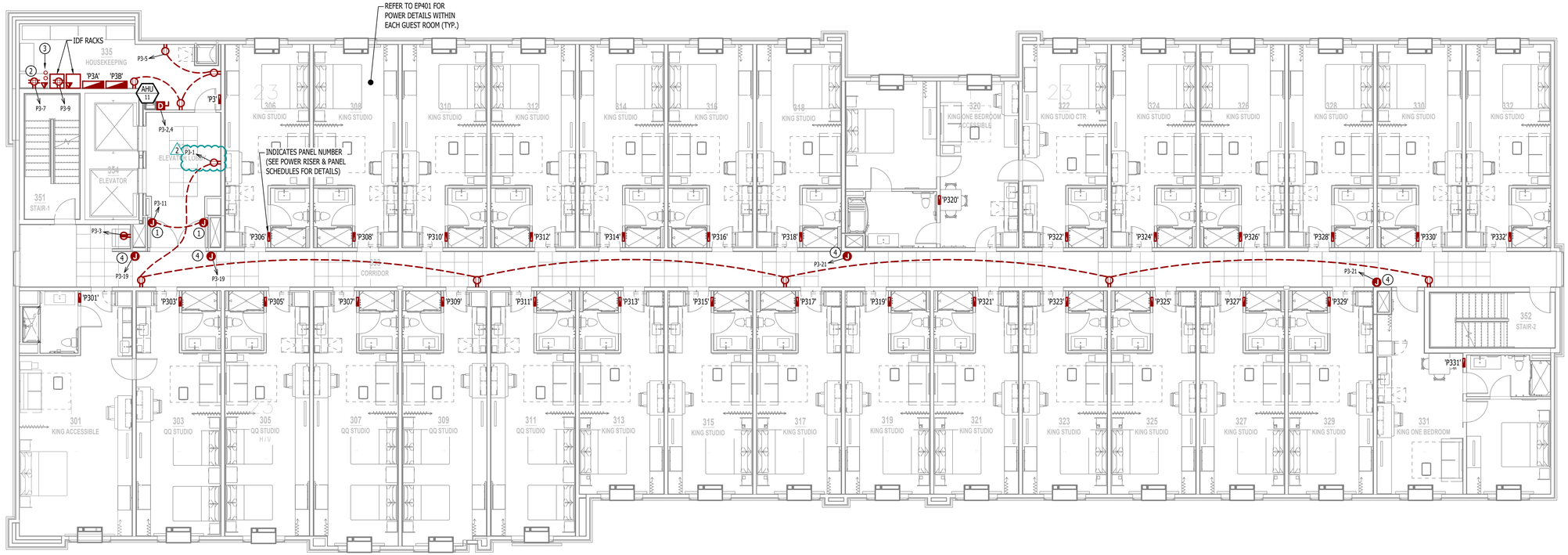
## POWER PLAN SYMBOL LEGEND

- CIRCUIT WIRING
- PX-XX — CIRCUIT TAG
- J — JUNCTION BOX
- XX — RECEPTACLE
  - +42 — INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
  - "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
    "AW" = ABOVE WINDOW RECEPTACLE
    "AC" = ABOVE CEILING RECEPTACLE
    "IG" = ISOLATED GROUND
- GFCI DUPLEX CONVENIENCE RECEPTACLE
- 208V RECEPTACLE
- QUADPLEX CONVENIENCE RECEPTACLE
- U — USB OUTLET WITH USB-A & USB-C CHARGING PORT
- DATA / PHONE JACK BOX WITH 1" CONDUIT WITH CAT-6 (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- AP — WIRELESS ACCESS POINT, CEILING MOUNTED
- WAP — WIRELESS ACCESS POINT, WALL MOUNTED
- FLOOR RECEPTACLE
- FLOOR DATA
- D — DISCONNECT
- FD — FUSED DISCONNECT

1. SEE E500 & E600 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.

## POWER PLAN KEY NOTES:

1. POWER FOR MAG-HOLDS; WIRE THRU FIRE ALARM SYSTEM, COORDINATE WITH DOOR HARDWARE SUPPLIER/INSTALLER.
2. POWER/DATA FOR IDF EQUIPMENT; COORDINATE EXACT LOCATION & REQUIREMENTS WITH LOW-VOLTAGE CONTRACTOR.
3. (2) 3" CONDUIT (EACH WITH PULL-STRING) FROM PBX ROOM ON MAIN LEVEL TO IDF RACK LOCATION.
4. POWER FOR FIRE/SMOKE DAMPER ACTIVATION (DAMPER TO CLOSE ON FIRE ALARM SIGNAL) COORDINATE EXACT LOCATION & REQUIREMENTS WITH HVAC CONTRACTOR & FIRE ALARM CONTRACTOR.




**POWER PLAN - THIRD FLOOR**

SCALE: 1/8" = 1'-0"


STATE OF MISSOURI
JAMES P. WATSON
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2

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**POWER PLAN - THIRD FLOOR**

SHEET NUMBER

**EP103**

## POWER PLAN SYMBOL LEGEND

- CIRCUIT WIRING
- PX-XX — CIRCUIT TAG
- J — JUNCTION BOX
- XX / +42 — RECEPTACLE
  - INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
  - "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
  - "AW" = ABOVE WINDOW RECEPTACLE
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- WAP — WIRELESS ACCESS POINT, WALL MOUNTED
- FLOOR RECEPTACLE
- FLOOR DATA
- D — DISCONNECT
- FD — FUSED DISCONNECT

1. SEE E500 & E600 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.

## POWER PLAN KEY NOTES:

1. POWER FOR MAG-HOLDS; WIRE THRU FIRE ALARM SYSTEM, COORDINATE WITH DOOR HARDWARE SUPPLIER/INSTALLER.
2. POWER/DATA FOR IDF EQUIPMENT; COORDINATE EXACT LOCATION & REQUIREMENTS WITH LOW-VOLTAGE CONTRACTOR.
3. ELEVATOR DISCONNECT(S) LOCATED IN SHAFT ON FOURTH FLOOR; COORDINATE LOCATION & DETAILS WITH ELEVATOR EQUIPMENT SUPPLIER/INSTALLER.
4. (2) 3" CONDUIT (EACH WITH PULL-STRING) FROM PBX ROOM ON MAIN LEVEL TO IDF RACK LOCATION.
5. POWER FOR EXTERIOR SIGNAGE; COORDINATE EXACT LOCATION & REQUIREMENTS WITH EQUIPMENT SUPPLIER/INSTALLER.
6. POWER FOR FIRE/SMOKE DAMPER ACTIVATION (DAMPER TO CLOSE ON FIRE ALARM SIGNAL) COORDINATE EXACT LOCATION & REQUIREMENTS WITH HVAC CONTRACTOR & FIRE ALARM CONTRACTOR.

**POWER PLAN - FOURTH FLOOR**

SCALE: 1/8" = 1'-0"


STATE OF MISSOURI
JAMES P. WATSON
NUMBER PE-2015017071
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2

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

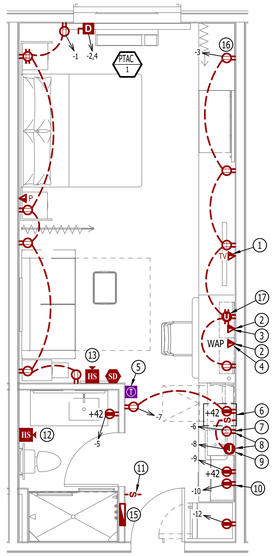
AHJ APPROVAL STAMP

SHEET TITLE

**POWER PLAN - FOURTH FLOOR**

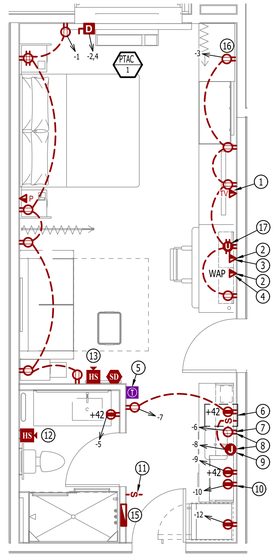
SHEET NUMBER

**EP104**



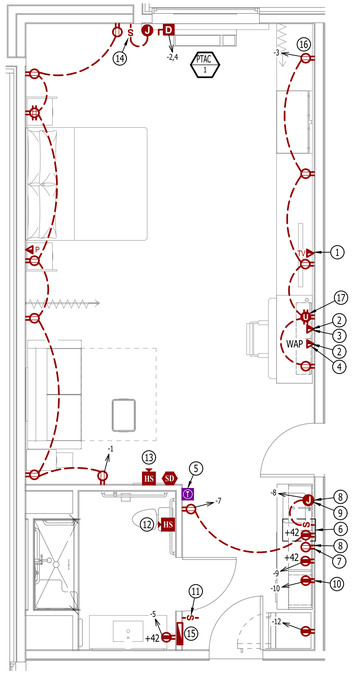
**POWER PLAN - KING STUDIO**

SCALE: 1/4" = 1'-0"



**POWER PLAN - KING STUDIO - CONNECTOR**

SCALE: 1/4" = 1'-0"



**POWER PLAN - KING STUDIO - ACCESSIBLE**

SCALE: 1/4" = 1'-0"

## POWER PLAN SYMBOL LEGEND

- CIRCUIT WIRING
- PX-XX — CIRCUIT TAG
- J — JUNCTION BOX
- XX +42 — RECEPTACLE; INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
  - "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
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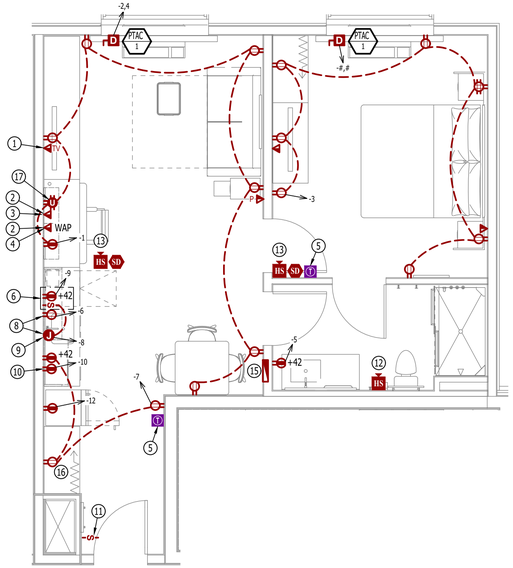
- GFCI DUPLEX CONVENIENCE RECEPTACLE
- 208V RECEPTACLE
- QUADPLEX CONVENIENCE RECEPTACLE
- USB OUTLET WITH USB-A & USB-C CHARGING PORT
- DATA / PHONE JACK BOX WITH 1" CONDUIT WITH CAT-6 (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- AP — WIRELESS ACCESS POINT, CEILING MOUNTED
- WAP — WIRELESS ACCESS POINT, WALL MOUNTED
- FLOOR RECEPTACLE
- FLOOR DATA
- D — DISCONNECT
- FD — FUSED DISCONNECT
- 2 SD — ADDRESSABLE SMOKE DETECTOR WITH SOUNDER BASE; (ALARM SIGNAL MAY BE SUPERVISORY)

## POWER PLAN GENERAL NOTES:

1. SEE E500 & E600 SERIES SHEET FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
2. COMPLETE (1) UNIT OF EACH TYPE & OBTAIN OWNER'S APPROVAL BEFORE PROCEEDING TO OTHERS.
3. DO NOT INSTALL OUTLETS BACK-TO-BACK EVEN IF ASSOCIATED WITH DIFFERENT SYSTEM. OFFSET BOXES TO PREVENT SOUND PASS-THRU AT ADJACENT UNIT WALLS.
4. COORDINATE LOCATION OF SWITCH & RECEPTACLES IN GUEST ROOM BATHROOMS WITH MIRROR, VANITY BACK-SPLASH, TOWEL HOLDER, ETC.
5. COORDINATE ALL ELECTRICAL DEVICE MOUNTING HEIGHTS & LOCATIONS WITH ARCHITECTURAL PLANS.
6. DOORBELL AND FIRE ALARM STROBES ARE ONLY REQUIRED IN HEARING IMPAIRED ROOMS.

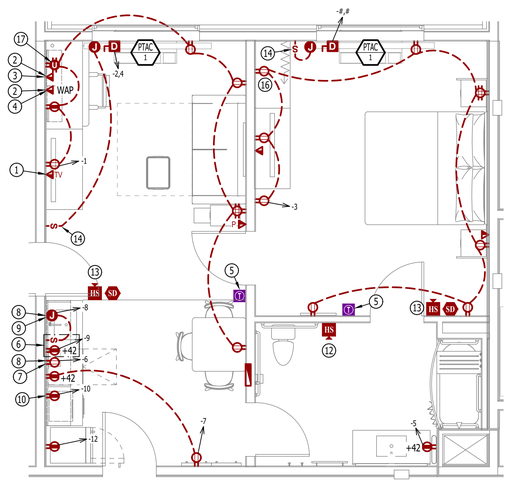
## POWER PLAN KEY NOTES:

1. TV CONNECTIONS FOR FREE-TO-GUEST CONTENT: COAX CABLE BEHIND TV, CAT6 RJ-45 JACK BEHIND TV (RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK), & PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM (MIN. 6" CLEARANCE FROM WALL BOXES). VISIT HILTONHDTV.COM FOR ADDITIONAL INFORMATION.
2. EACH CABLE MUST HOMERUN BETWEEN THE GUESTROOM AND THE IDF ON EACH FLOOR. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT REQUIREMENTS AND OPTIONS.
3. WIRED DATA CONNECTION FOR GUEST USE: CAT6 RJ-45 CABLE JACK ABOVE DESK, RUN IN SMURF-TUBE IN WALL TO WAP UNDER DESK). (2)
4. WAP IN 3-GANG BOX MOUNTED VERTICALLY UNDER DESK. MAINTAIN 6" BETWEEN ALL BOXES, TYP ALL GUESTROOMS. COORDINATE WAP LOCATION WITH CASEGOODS TO AVOID CONFLICTS. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT WIRELESS INTERNET REQ'S AND LIST OF APPROVED INTEGRATORS.
5. WIRED THERMOSTAT FOR PTAC. MOUNTED 48" MAX TO TOP OF DEVICE. COMMUNICATION BETWEEN THERMOSTAT AND PTAC MAY BE WIRELESS.
6. SWITCH CONTROLLING GARBAGE DISPOSAL GANGED WITH DUPLEX - REFER TO HADG FOR ACCESSIBLE ROOM REQUIREMENTS.
7. DEDICATED CIRCUIT FOR DISHWASHER
8. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH W/ MILLWORK BACK PANEL.
9. DEDICATED CIRCUIT FOR GARBAGE DISPOSAL.
10. OUTLET FOR MICROWAVE. REFER TO ARCHITECTURAL PLAN ROOM ELEVATIONS FOR MOUNTING HEIGHT. MOUNT DEVICE HORIZONTALLY (EXCEPT IN ACCESSIBLE UNITS); FACE PLATE TO BE WHITE.
11. DOORBELL ON/OFF SWITCH (COMMUNICATION FEATURES ROOMS ONLY) SIGNAGE AS REQ'D.
12. ADDITIONAL HORN STROBE: LOCATED IN COMMUNICATION FEATURES BATHROOMS ONLY. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
13. FIRE HORN IN STANDARD ROOMS. FIRE HORN/STROBE IN COMMUNICATION FEATURES ROOMS. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
14. SWITCHES CONTROLLING MECHANICAL SHADES - REFER TO FFE MANUAL.
15. REFER TO OVERALL ELECTRICAL PLANS FOR PANEL DETAILS ('PXXX').
16. RECEPTACLE MOUNTED HORIZONTALLY ABOVE CLOSET.
17. QUAD RECEPTACLE WITH A MINIMUM (1) USB RECEPTACLE(S) (EITHER -A OR -C).



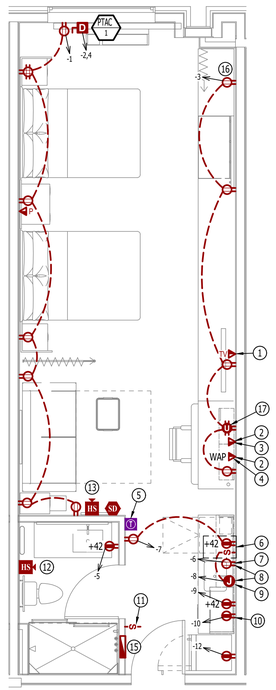
**POWER PLAN - ONE BEDROOM SUITE**

SCALE: 1/4" = 1'-0"



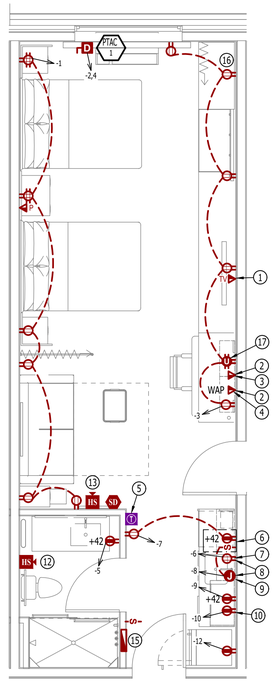
**POWER PLAN - ONE BEDROOM SUITE - ACCESSIBLE**

SCALE: 1/4" = 1'-0"



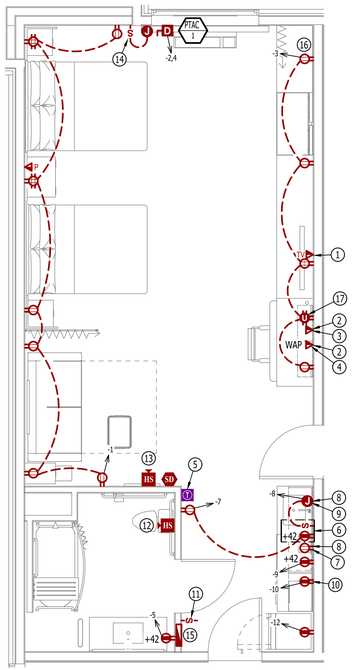
**POWER PLAN - QUEEN QUEEN STUDIO**

SCALE: 1/4" = 1'-0"



**POWER PLAN - QUEEN QUEEN STUDIO - CONNECTOR**

SCALE: 1/4" = 1'-0"



**POWER PLAN - QUEEN QUEEN STUDIO - ACCESSIBLE**

SCALE: 1/4" = 1'-0"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| J2 PROJECT No: | J21005 |
| J2 DESIGN: | ACW |

| ISSUE TITLE | DATE |
|---|---|
| CITY SUBMISSION | 04 / 17 / 2024 |
| CITY & BRAND RESPONSE (2) | 06 / 14 / 2024 |
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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

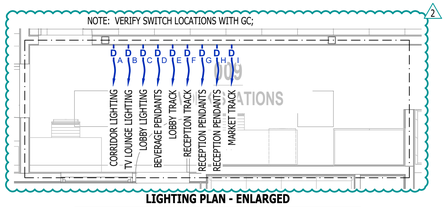
AHJ APPROVAL STAMP

SHEET TITLE

**ENLARGED POWER PLAN - GUEST ROOMS**

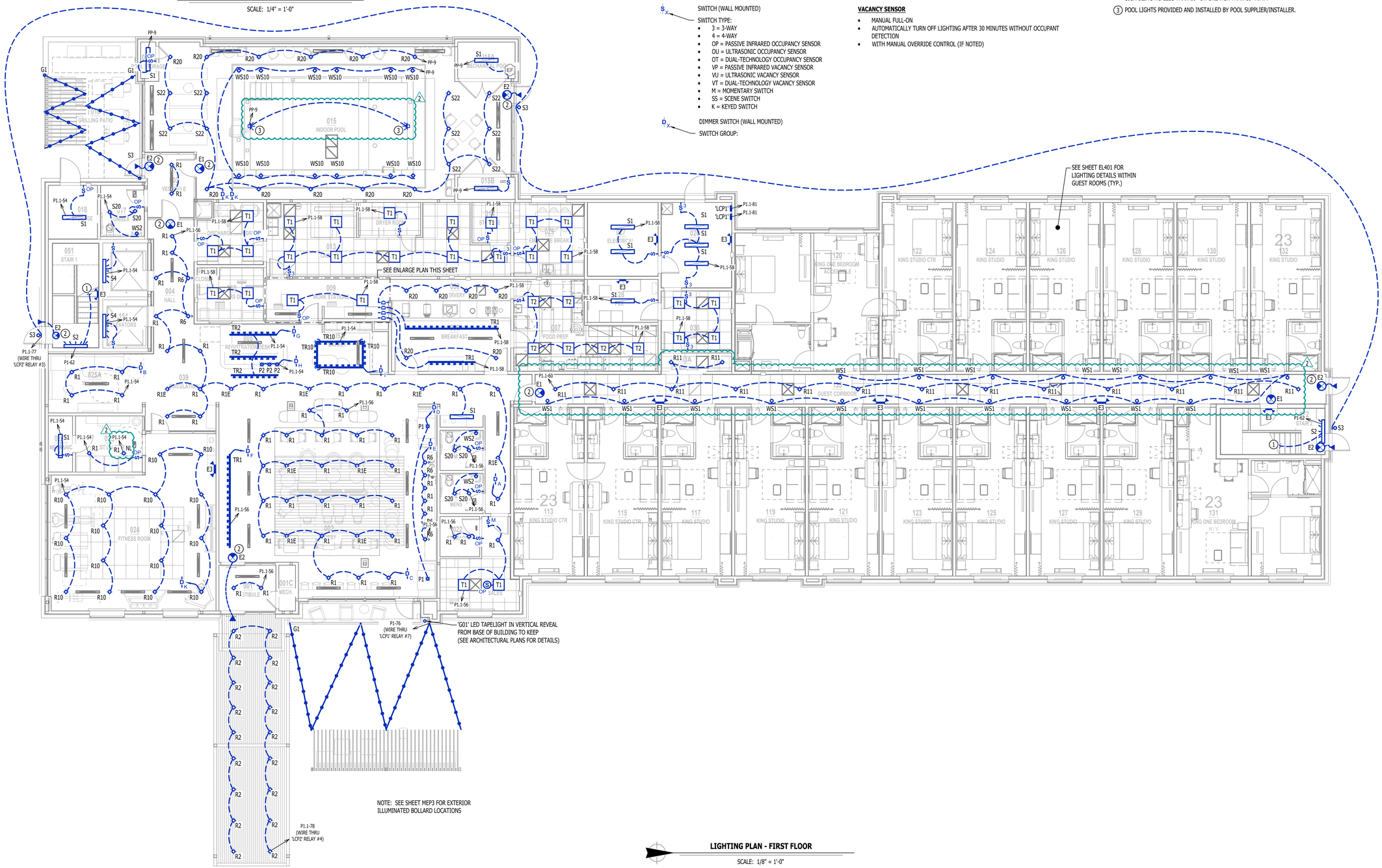
SHEET NUMBER

**EP401**




**LIGHTING PLAN - ENLARGED**

SCALE: 1/4" = 1'-0"




**LIGHTING PLAN - FIRST FLOOR**

SCALE: 1/8" = 1'-0"

## LIGHTING PLAN SYMBOL LEGEND

- X1 — "X1" INDICATES FIXTURE TYPE (REFER TO SCHEDULE)
- LIGHTING FIXTURE
- EM — "EM" INDICATES EMERGENCY BATTERY BACKUP
- NL — "NL" INDICATES UN-SWITCHED NIGHT LIGHT
- EXIT LIGHT
  - INDICATES REQUIRED REMOTE HEAD
- EMERGENCY EGRESS LIGHT
- SX — SWITCH (WALL MOUNTED)
  - SWITCH TYPE:
    - 3 = 3-WAY
    - 4 = 4-WAY
    - OP = PASSIVE INFRARED OCCUPANCY SENSOR
    - OU = ULTRASONIC OCCUPANCY SENSOR
    - OT = DUAL-TECHNOLOGY OCCUPANCY SENSOR
    - VP = PASSIVE INFRARED VACANCY SENSOR
    - VU = ULTRASONIC VACANCY SENSOR
    - VT = DUAL-TECHNOLOGY VACANCY SENSOR
    - M = MOMENTARY SWITCH
    - SS = SCENE SWITCH
    - K = KEYED SWITCH
- DX — DIMMER SWITCH (WALL MOUNTED)
  - SWITCH GROUP:
- SX — SWITCH (CEILING MOUNTED)
  - SWITCH TYPE:
    - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS

**OCCUPANCY SENSOR**

- AUTO FULL-ON (OR 50% IF NOTED)
- AUTOMATICALLY TURN OFF LIGHTING AFTER 30 MINUTES WITHOUT OCCUPANT DETECTION
- WITH MANUAL OVERRIDE CONTROL (IF NOTED)

**VACANCY SENSOR**

- MANUAL FULL-ON
- AUTOMATICALLY TURN OFF LIGHTING AFTER 30 MINUTES WITHOUT OCCUPANT DETECTION
- WITH MANUAL OVERRIDE CONTROL (IF NOTED)

## LIGHTING PLAN GENERAL NOTES:

1. SEE E500 & E600 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
2. OCCUPANCY / VACANCY SENSOR QUANTITIES AND GENERAL LOCATIONS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE AND INSTALL SENSOR WITH SPACING PER MANUFACTURER SPECIFICATIONS AND INCLUDE ADDITIONAL SENSORS IF NECESSARY. CEILING-MOUNTED SENSORS SHALL BE INSTALLED WITHIN MANUFACTURE'S ACCEPTABLE MOUNTING HEIGHT RANGE.
3. REFER TO ARCHITECTURAL RCP'S FOR EXACT FIXTURE LOCATIONS & REQUIREMENTS.
4. VERIFY FIXTURE LOCATIONS WITH BRAND/GC PRIOR TO ROUGH-IN.

## LIGHTING PLAN KEY NOTES:

1. CIRCUIT CONTINUES TO LEVEL ABOVE.
2. (1) EXIT SIGN AT STANDARD OVERHEAD MOUNTING HEIGHT & (1) EXIT SIGN AT FLOOR LEVEL WITH BOTTOM OF SIGN BEING NO LESS THAN 10" OR GREATER THAN 18" A.F.F.
3. POOL LIGHTS PROVIDED AND INSTALLED BY POOL SUPPLIER/INSTALLER.

STATE OF MISSOURI
JAMES P. WATSON
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| J2 PROJECT No: | J21005 |
| J2 DESIGN: | ACW |

| ISSUE TITLE | DATE |
|---|---|
| CITY SUBMISSION | 04 / 17 / 2024 |
| REVISION 1 - CITY RESPONSE | 05 / 17 / 2024 |
| CITY & BRAND RESPONSE | 06 / 14 / 2024 |
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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

**Home 2 Suites By Hilton**

Village at Discovery Park Lot 2
Lee's Summit, MO

AHU APPROVAL STAMP

SHEET TITLE

**LIGHTING PLAN - FIRST FLOOR**

SHEET NUMBER

**EL101**

## LIGHTING PLAN SYMBOL LEGEND

- X1 — "X1" INDICATES FIXTURE TYPE (REFER TO SCHEDULE)
- LIGHTING FIXTURE
- EM — "EM" INDICATES EMERGENCY BATTERY BACKUP
- NL — "NL" INDICATES UN-SWITCHED NIGHT LIGHT
- EXIT LIGHT
- INDICATES REQUIRED REMOTE HEAD
- EMERGENCY EGRESS LIGHT
- SX — SWITCH (WALL MOUNTED)
  - SWITCH TYPE:
    - 3 = 3-WAY
    - 4 = 4-WAY
    - OP = PASSIVE INFRARED OCCUPANCY SENSOR
    - OU = ULTRASONIC OCCUPANCY SENSOR
    - OT = DUAL-TECHNOLOGY OCCUPANCY SENSOR
    - VP = PASSIVE INFRARED VACANCY SENSOR
    - VU = ULTRASONIC VACANCY SENSOR
    - VT = DUAL-TECHNOLOGY VACANCY SENSOR
    - M = MOMENTARY SWITCH
    - SS = SCENE SWITCH
    - K = KEYED SWITCH
- DX — DIMMER SWITCH (WALL MOUNTED)
- SWITCH GROUP:
- SX — SWITCH (CEILING MOUNTED)
- SWITCH TYPE:
  - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS

**OCCUPANCY SENSOR**

- AUTO FULL-ON (OR 50% IF NOTED)
- AUTOMATICALLY TURN OFF LIGHTING AFTER 30 MINUTES WITHOUT OCCUPANT DETECTION
- WITH MANUAL OVERRIDE CONTROL (IF NOTED)

**VACANCY SENSOR**

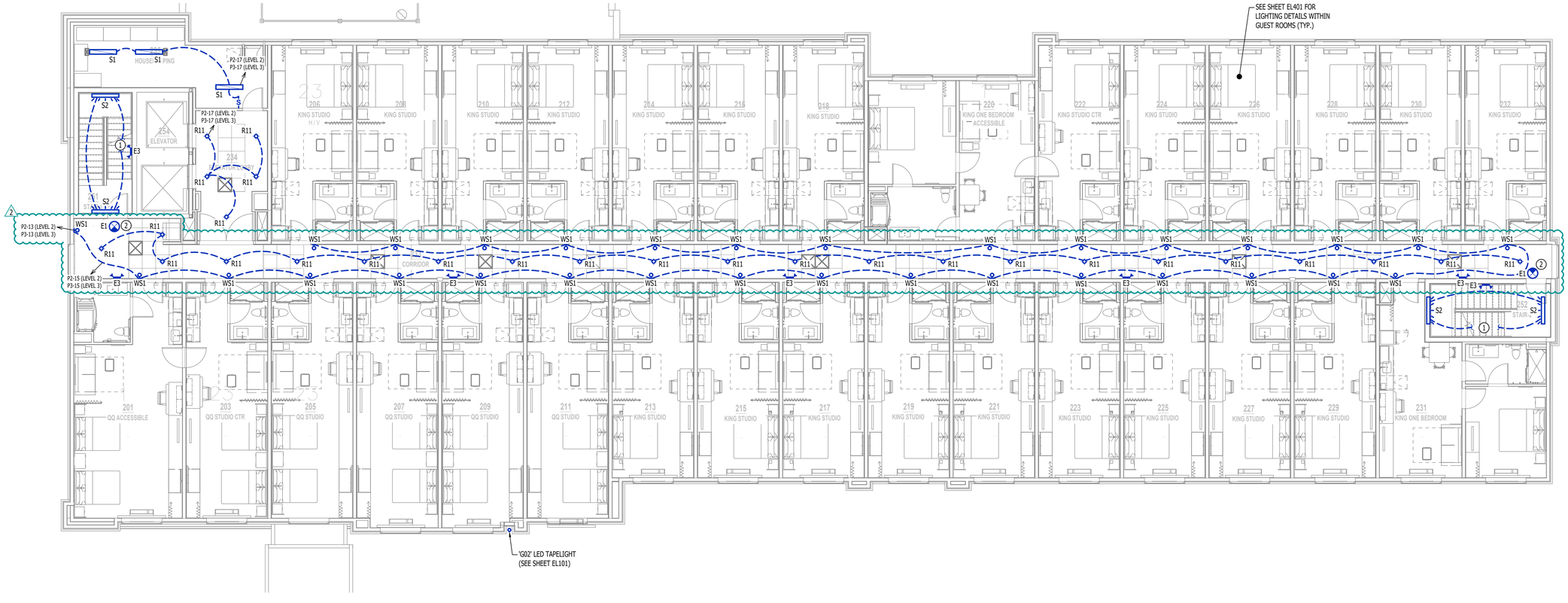
- MANUAL FULL-ON
- AUTOMATICALLY TURN OFF LIGHTING AFTER 30 MINUTES WITHOUT OCCUPANT DETECTION
- WITH MANUAL OVERRIDE CONTROL (IF NOTED)

## LIGHTING PLAN GENERAL NOTES:

1. SEE E500 & E600 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
2. OCCUPANCY / VACANCY SENSOR QUANTITIES AND GENERAL LOCATIONS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE AND INSTALL SENSOR WITH SPACING PER MANUFACTURER SPECIFICATIONS AND INCLUDE ADDITIONAL SENSORS IF NECESSARY. CEILING-MOUNTED SENSORS SHALL BE INSTALLED WITHIN MANUFACTURE'S ACCEPTABLE MOUNTING HEIGHT RANGE.
3. REFER TO ARCHITECTURAL RCP'S FOR EXACT FIXTURE LOCATIONS & REQUIREMENTS.
4. VERIFY FIXTURE LOCATIONS WITH BRAND/GC PRIOR TO ROUGH-IN.

## LIGHTING PLAN KEY NOTES:

1. CIRCUIT CONTINUES TO LEVEL ABOVE/BELOW.
2. (1) EXIT SIGN AT STANDARD OVERHEAD MOUNTING HEIGHT & (1) EXIT SIGN AT FLOOR LEVEL WITH BOTTOM OF SIGN BEING NO LESS THAN 10" OR GREATER THAN 18" A.F.F.




**LIGHTING PLAN - SECOND & THIRD FLOORS**

SCALE: 1/8" = 1'-0"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| J2 PROJECT No: | J21005 |
| J2 DESIGN: | ACW |

| ISSUE TITLE | DATE |
|---|---|
| CITY SUBMISSION | 04 / 17 / 2024 |
| CITY & BRAND RESPONSE | 06 / 14 / 2024 |
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2

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHU APPROVAL STAMP

SHEET TITLE

**LIGHTING PLAN - SECOND & THIRD FLOORS**

SHEET NUMBER

# EL102

## LIGHTING PLAN SYMBOL LEGEND

- X1 — "X1" INDICATES FIXTURE TYPE (REFER TO SCHEDULE)
- LIGHTING FIXTURE
- EM — "EM" INDICATES EMERGENCY BATTERY BACKUP
- NL — "NL" INDICATES UN-SWITCHED NIGHT LIGHT
- EXIT LIGHT
- INDICATES REQUIRED REMOTE HEAD
- EMERGENCY EGRESS LIGHT
- SX — SWITCH (WALL MOUNTED)
- SWITCH TYPE:
  - 3 = 3-WAY
  - 4 = 4-WAY
  - OP = PASSIVE INFRARED OCCUPANCY SENSOR
  - OU = ULTRASONIC OCCUPANCY SENSOR
  - OT = DUAL-TECHNOLOGY OCCUPANCY SENSOR
  - VP = PASSIVE INFRARED VACANCY SENSOR
  - VU = ULTRASONIC VACANCY SENSOR
  - VT = DUAL-TECHNOLOGY VACANCY SENSOR
  - M = MOMENTARY SWITCH
  - SS = SCENE SWITCH
  - K = KEYED SWITCH
- DX — DIMMER SWITCH (WALL MOUNTED)
- SWITCH GROUP:
- SX — SWITCH (CEILING MOUNTED)
- SWITCH TYPE:
  - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS

**OCCUPANCY SENSOR**

- AUTO FULL-ON (OR 50% IF NOTED)
- AUTOMATICALLY TURN OFF LIGHTING AFTER 30 MINUTES WITHOUT OCCUPANT DETECTION
- WITH MANUAL OVERRIDE CONTROL (IF NOTED)

**VACANCY SENSOR**

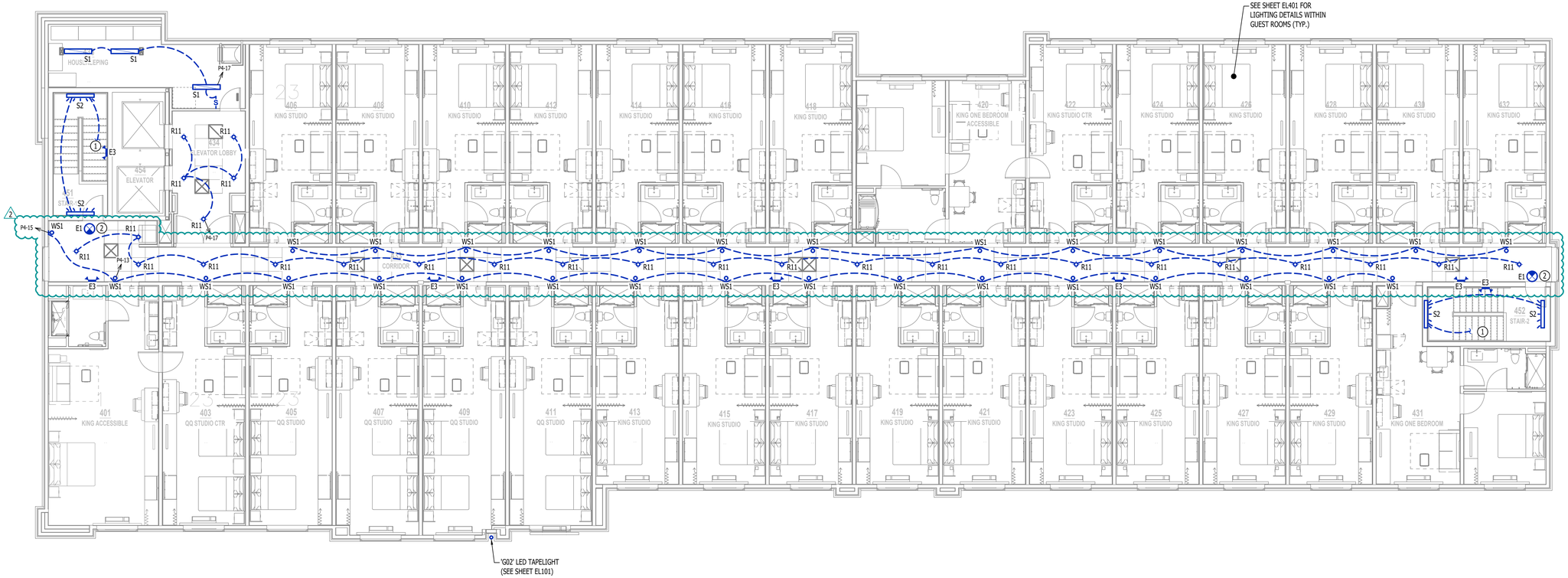
- MANUAL FULL-ON
- AUTOMATICALLY TURN OFF LIGHTING AFTER 30 MINUTES WITHOUT OCCUPANT DETECTION
- WITH MANUAL OVERRIDE CONTROL (IF NOTED)

## LIGHTING PLAN GENERAL NOTES:

1. SEE E500 & E600 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
2. OCCUPANCY / VACANCY SENSOR QUANTITIES AND GENERAL LOCATIONS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE AND INSTALL SENSOR WITH SPACING PER MANUFACTURER SPECIFICATIONS AND INCLUDE ADDITIONAL SENSORS IF NECESSARY. CEILING-MOUNTED SENSORS SHALL BE INSTALLED WITHIN MANUFACTURE'S ACCEPTABLE MOUNTING HEIGHT RANGE.
3. REFER TO ARCHITECTURAL RCP'S FOR EXACT FIXTURE LOCATIONS & REQUIREMENTS.
4. VERIFY FIXTURE LOCATIONS WITH BRAND/GC PRIOR TO ROUGH-IN.

## LIGHTING PLAN KEY NOTES:

1. CIRCUIT CONTINUES TO LEVEL BELOW.
2. (1) EXIT SIGN AT STANDARD OVERHEAD MOUNTING HEIGHT & (1) EXIT SIGN AT FLOOR LEVEL WITH BOTTOM OF SIGN BEING NO LESS THAN 10" OR GREATER THAN 18" A.F.F.




**LIGHTING PLAN - FOURTH FLOOR**

SCALE: 1/8" = 1'-0"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| J2 DESIGN: | ACW |

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| CITY SUBMISSION | 04 / 17 / 2024 |
| CITY & BRAND RESPONSE | 06 / 14 / 2024 |
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2

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

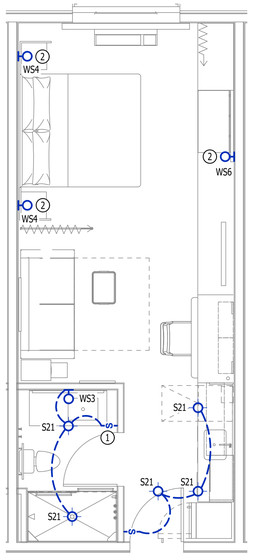
AHJ APPROVAL STAMP

SHEET TITLE

**LIGHTING PLAN - FOURTH FLOOR**

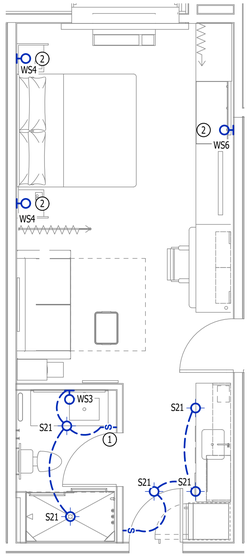
SHEET NUMBER

**EL103**



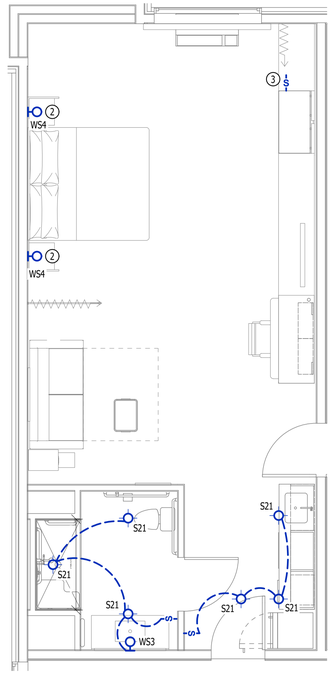

**LIGHTING PLAN - KING STUDIO**

SCALE: 1/4" = 1'-0"




**LIGHTING PLAN - KING STUDIO - CONNECTOR**

SCALE: 1/4" = 1'-0"




**LIGHTING PLAN - KING STUDIO - ACCESSIBLE**

SCALE: 1/4" = 1'-0"

## LIGHTING PLAN SYMBOL LEGEND

- X1 / EM / NL — "X1" INDICATES FIXTURE TYPE (REFER TO SCHEDULE); LIGHTING FIXTURE; "EM" INDICATES EMERGENCY BATTERY BACKUP; "NL" INDICATES UN-SWITCHED NIGHT LIGHT
- EXIT LIGHT — INDICATES REQUIRED REMOTE HEAD
- EMERGENCY EGRESS LIGHT
- SX — SWITCH (WALL MOUNTED); SWITCH TYPE:
  - 3 = 3-WAY
  - 4 = 4-WAY
  - OP = PASSIVE INFRARED OCCUPANCY SENSOR
  - OU = ULTRASONIC OCCUPANCY SENSOR
  - OT = DUAL-TECHNOLOGY OCCUPANCY SENSOR
  - VP = PASSIVE INFRARED VACANCY SENSOR
  - VU = ULTRASONIC VACANCY SENSOR
  - VT = DUAL-TECHNOLOGY VACANCY SENSOR
  - M = MOMENTARY SWITCH
  - SS = SCENE SWITCH
  - K = KEYED SWITCH
- DX — DIMMER SWITCH (WALL MOUNTED); SWITCH GROUP:
- SX — SWITCH (CEILING MOUNTED); SWITCH TYPE:
  - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS

**OCCUPANCY SENSOR**

- AUTO FULL-ON (OR 50% IF NOTED)
- AUTOMATICALLY TURN OFF LIGHTING AFTER 30 MINUTES WITHOUT OCCUPANT DETECTION
- WITH MANUAL OVERRIDE CONTROL (IF NOTED)

**VACANCY SENSOR**

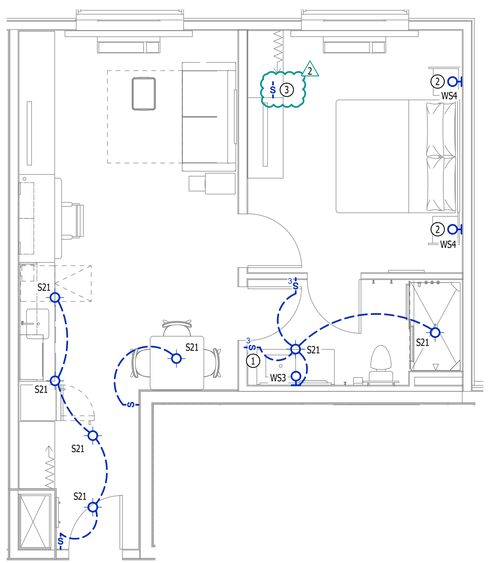
- MANUAL FULL-ON
- AUTOMATICALLY TURN OFF LIGHTING AFTER 30 MINUTES WITHOUT OCCUPANT DETECTION
- WITH MANUAL OVERRIDE CONTROL (IF NOTED)

## LIGHTING PLAN GENERAL NOTES:

1. SEE E500 & E600 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
2. OCCUPANCY / VACANCY SENSOR QUANTITIES AND GENERAL LOCATIONS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE AND INSTALL SENSOR WITH SPACING PER MANUFACTURER SPECIFICATIONS AND INCLUDE ADDITIONAL SENSORS IF NECESSARY. CEILING-MOUNTED SENSORS SHALL BE INSTALLED WITHIN MANUFACTURE'S ACCEPTABLE MOUNTING HEIGHT RANGE.
3. REFER TO ARCHITECTURAL RCP'S FOR EXACT FIXTURE LOCATIONS & REQUIREMENTS.
4. VERIFY FIXTURE LOCATIONS WITH BRAND/GC PRIOR TO ROUGH-IN.

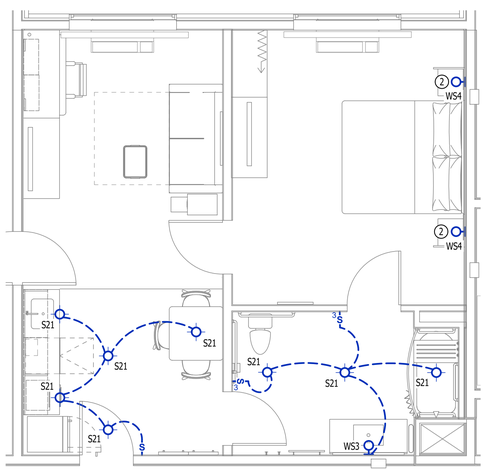
## LIGHTING PLAN KEY NOTES:

1. IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH NIGHTLIGHT MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F
2. PLUG IN FIXTURE WITH INTEGRAL ON/OFF SWITCH.
3. FF&E IN-LINE CLOSET LIGHT SWITCH ATTACHED AT INSIDE CLOSET PANEL TO CONTROL PLUG-IN FIXTURE MOUNTED INSIDE OF CLOSET (ACCESSIBLE UNITS ONLY).



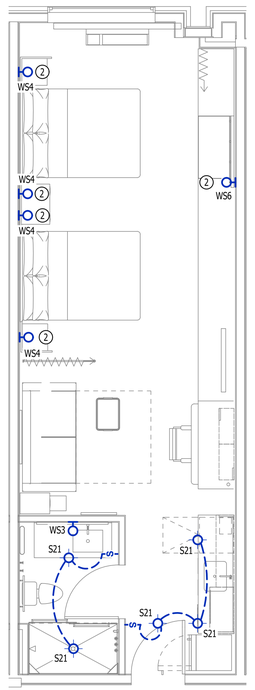

**LIGHTING PLAN - ONE BEDROOM SUITE**

SCALE: 1/4" = 1'-0"



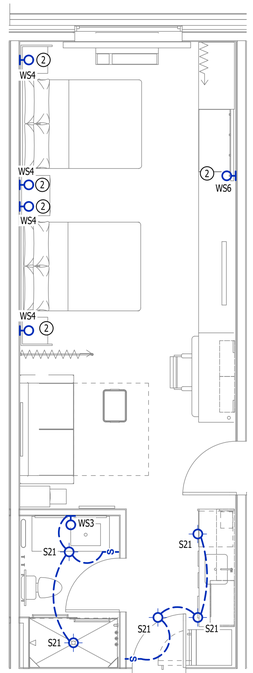

**LIGHTING PLAN - ONE BEDROOM SUITE - ACCESSIBLE**

SCALE: 1/4" = 1'-0"



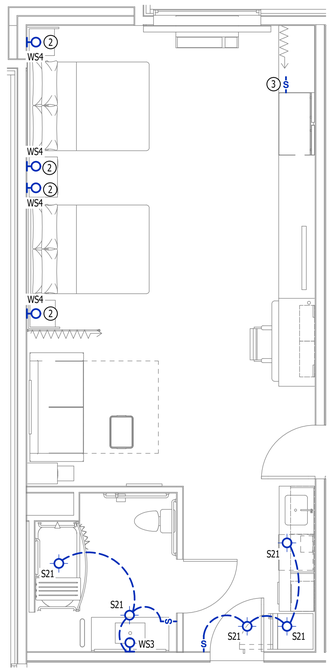

**LIGHTING PLAN - QUEEN QUEEN STUDIO**

SCALE: 1/4" = 1'-0"




**LIGHTING PLAN - QUEEN QUEEN STUDIO - CONNECTOR**

SCALE: 1/4" = 1'-0"




**LIGHTING PLAN - QUEEN QUEEN STUDIO - ACCESSIBLE**

SCALE: 1/4" = 1'-0"


STATE OF MISSOURI
JAMES P. WATSON
NUMBER PE-2015017071
PROFESSIONAL ENGINEER

James Watson, P.E. June 14, 2024
PE-2015017071
MO Certificate of Authority # 2018029680

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| | |
|---|---|
| J2 PROJECT No: | J21005 |
| J2 DESIGN: | ACW |

| ISSUE TITLE | DATE |
|---|---|
| CITY SUBMISSION | 04 / 17 / 2024 |
| CITY & BRAND RESPONSE | 06 / 14 / 2024 |
| | |
| | |
| | |

2

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**ENLARGED LIGHTING PLAN - GUEST ROOMS**

SHEET NUMBER

**EL401**

## ELECTRICAL SPECIFICATIONS

**1. GENERAL**

1.1. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY PIECES AND COMPONENTS TO PROVIDE A COMPLETE AND COMPLIANT ELECTRICAL SYSTEM UNLESS OTHERWISE NOTED ON PLANS.
1.2. THE ENTIRE ELECTRICAL SYSTEM SHALL BE CONTINUOUSLY GROUNDED. EVERY BRANCH CONDUIT SHALL INCLUDE A GREEN GROUND CONDUCTOR SIZED PER NEC.
1.3. ARC-FAULT CIRCUITS SHALL BE RUN WITH A DEDICATED NEUTRAL AS REQUIRED BY MANUFACTURER.
1.4. PROVIDE PERMANENT ARC-FLASH LABEL AFFIXED TO EVERY DISCONNECT AND PANEL.
1.5. PROVIDE TYPE WRITTEN PANEL SCHEDULE FOR EACH PANEL.

**2. WORKMANSHIP**

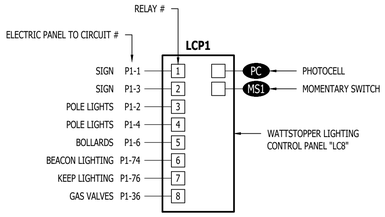
2.1. ALL ELECTRICAL SYSTEM COMPONENTS SHALL BE INSTALLED LEVEL, PLUMB, AND PARALLEL/PERPENDICULAR TO BUILDING ORIENTATION WHERE POSSIBLE.
2.2. ALL ELECTRICAL DEVICES AND LIGHT FIXTURES SHALL BE INSTALLED IN A SAFE, FIRST-CLASS MANNER WITH ATTENTION GIVEN TO OVERALL AESTHETICS. CARE SHOULD BE TAKEN TO ALLOW FOR FUTURE REPLACEMENT AND ACCESS FOR SERVICE.

**3. MATERIALS**

3.1. CONDUIT & CONDUCTORS
3.1.1. ALL CONDUCTORS SIZES INDICATED ARE COPPER UNLESS NOTED OTHERWISE ON PLANS.
3.1.2. ABOVE GRADE CONDUCTORS SHALL BE TYPE THHN. BELOW GRADE CONDUCTORS SHALL BE TYPE XHHW-2.
3.1.3. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE. 120-VOLT, 20-AMP CIRCUITS WITH CONDUCTOR LENGTHS GREATER THAN 100' SHALL BE #10 AWG MINIMUM. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MEASURING ACTUAL CONDUCTOR LENGTH AND INCREASING CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP AS REQUIRED BY NEC.
3.1.4. RIGID GALVANIZED OR SCHEDULE 40 PVC CONDUIT SHALL BE USED FOR SERVICE WIRING, BELOW GRADE INSTALLATIONS, OR WHERE EXPOSED TO WEATHER.
3.1.5. IN APPLICATIONS OTHER THAN THOSE LISTED IN 3.1.4, EMT OR MC CABLE IS ACCEPTABLE. WHERE CONDUCTORS ARE PROTECTED FROM DAMAGE, ENCLOSED IN BUILDING MATERIALS, AND CONSTRUCTION IS OF A PERMITTED TYPE, NM CABLE MAY BE USED.
3.1.6. FOR CAST-IN-PLACE CONCRETE, TILT-UP WALL CONSTRUCTION, OR PRE-MANUFACTURED WALL SYSTEMS, COORDINATE EXACT LOCATIONS OF ALL DEVICES WITHIN WALLS WITH WALL SUPPLIER. CONDUIT EMBEDDED IN WALLS SHALL BE SCHEDULE 80 PVC OR LFMC, OR OTHER SYSTEM APPROVED BY WALL MANUFACTURER.
3.1.7. EXPOSED CONDUIT SHALL BE PAINTED TO MATCH ADJACENT SURFACES, VERIFY COLOR WITH ARCHITECT/OWNER.
3.2. DEVICES
3.2.1. CONTRACTOR TO PROVIDE J-BOXES, COVER PLATES, AND ANY ACCESSORIES REQUIRED TO PROVIDE A COMPLETE SYSTEM. SEE ARCHITECTURAL PLANS FOR DEVICE COLORS.
3.2.1. DUPLEX RECEPTACLES SHALL BE TAMPER RESISTANT, 20-AMP, EQUAL TO LEVITON #TBR-20.
3.2.2. SINGLE POLE TOGGLE WALL SWITCHES SHALL BE EQUAL TO LEVITON CS120-2. THREE-WAY TOGGLE WALL SWITCHES SHALL BE EQUAL TO LEVITON CS320-2.
3.2.3. DIMMER SWITCHES SHALL BE TESTED WITH FIXTURES AND LAMPS FOR COMPATIBILITY. SEE LIGHTING PLANS FOR DETAILS.
3.2.4. WHERE GFCI PROTECTION IS SHOWN ON PLANS AND UNLESS OTHERWISE NOTED, PROVIDE A LISTED GFCI-PROTECTED RECEPTACLE WHERE THE RECEPTACLE IS ACCESSIBLE ON PLANS. IF THE RECEPTACLE LOCATION IS NOT ACCESSIBLE AS DEFINED BY NEC, PROVIDE GFCI PROTECTION AT CIRCUIT BREAKER.
3.2.5. DO NOT INSTALL OCCUPANCY/VACANCY SENSORS WITH 48" OF HVAC DIFFUSERS/GRILLES OR SIMILAR OBSTRUCTION THAT MAY AFFECT SENSOR FUNCTIONALITY. ALL SENSORS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
3.2.6. ALL APPLICABLE SWITCHES, RECEPTACLES, CONTROLS, ETC. SHALL BE MOUNTED AT ADA-ACCESSIBLE HEIGHTS.
3.2.7. WIRING DEVICES SHOWN ON PLANS NEXT TO ONE ANOTHER SHALL UTILIZE A SINGLE COVER PLATE UNLESS NOTED OTHERWISE.
3.2.8. WIRING DEVICES SHOWN BACK-TO-BACK ON EACH SIDE OF A WALL SHALL BE OFFSET TO REDUCE SOUND TRANSMISSION.
3.2.9. EACH RECEPTACLE COVER SHALL BE NEATLY AND LEGIBLY LABELED WITH CORRESPONDING PANEL AND CIRCUIT NUMBER FOR CIRCUIT IDENTIFICATION.

**4. EMERGENCY LIGHTING**

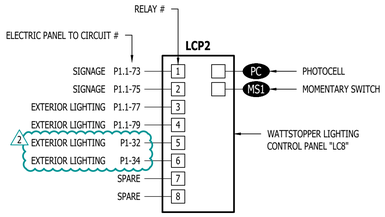
4.1. BRANCH CIRCUIT FEEDING EMERGENCY FIXTURE(S) SHALL BE SAME BRANCH CIRCUIT AS THAT SERVING NORMAL LIGHTING IN SAME AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES.
4.2. EMERGENCY LIGHTING SYSTEM SHALL PROVIDE 1FC AVERAGE AND 0.1FC MINIMUM ALONG EGRESS PATHS. ADJUST ANY EMERGENCY FIXTURES AS NECESSARY TO PROVIDE PROPER ILLUMINATION WITHOUT OBSTRUCTION FROM FURNITURE OR OBSTACLES.




**LIGHTING CONTROL PANEL SCHEDULE**

| RELAY # | OVERRIDE SWITCH | OPERATIONAL SCHEDULE |
|---|---|---|
| 1 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 2 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 3 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 4 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 5 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 6 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 7 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 8 | YES | ON DURING OCCUPIED HOURS |

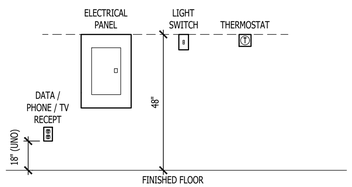
**LIGHTING CONTROL PANEL**




**LIGHTING CONTROL PANEL SCHEDULE**

| RELAY # | OVERRIDE SWITCH | OPERATIONAL SCHEDULE |
|---|---|---|
| 1 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 2 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 3 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 4 | YES | ON DURING NIGHT HOURS (PHOTOCELL) |
| 5 | YES | ON DURING EVENING HOURS (PHOTOCELL + TIMER) |
| 6 | YES | ON DURING EVENING HOURS (PHOTOCELL + TIMER) |
| 8 | - | - |

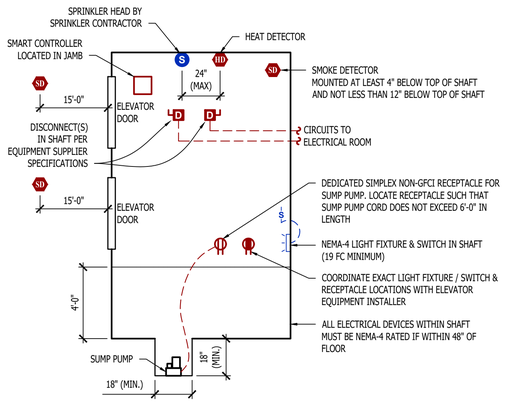
**LIGHTING CONTROL PANEL**



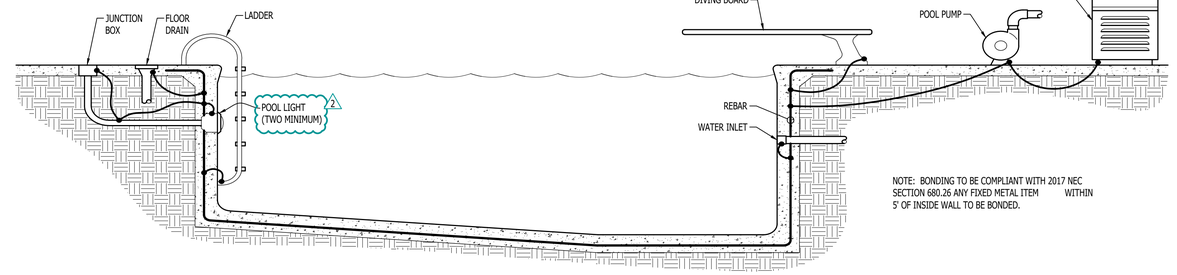

**TYPICAL ADA MOUNTING HEIGHTS DETAIL**

**NOTES:**

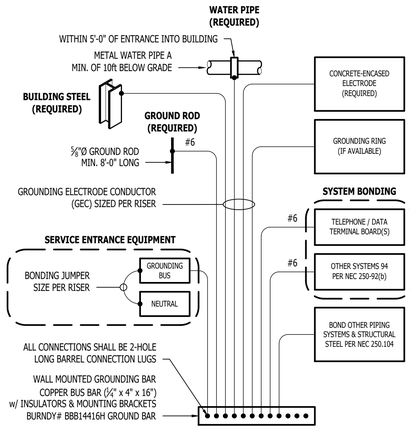
1. ALL ELECTRICAL CONDUCTORS WITHIN ELEVATOR PIT MUST COMPLY WITH NEC 620.21.
2. SUMP PUMP RECEPTACLE, SHAFT / PIT RECEPTACLES, & SHAFT LIGHTING TO ALL BE ON EMERGENCY POWER IF ELEVATOR IS ON EMERGENCY POWER.
3. ADDITIONAL SMOKE DETECTOR REQUIRED IN ELEVATOR MACHINE ROOM (IF APPLICABLE).
4. IN CASES WHERE ELEVATOR IS NOT SHUNT-TRIP PROTECTED, A LABELED SPRINKLER SHUT-OFF MUST BE LOCATED OUTSIDE THE ELEVATOR HOISTWAY AND/OR EQUIPMENT ROOM.
5. PERMANENTLY LABEL ALL CIRCUITS AND FEEDERS.
6. SUMP PUMP DISCHARGE LINE SHALL BE HARD PIPED (NO PVC).




**MACHINE - ROOM - LESS ELEVATOR DETAIL**



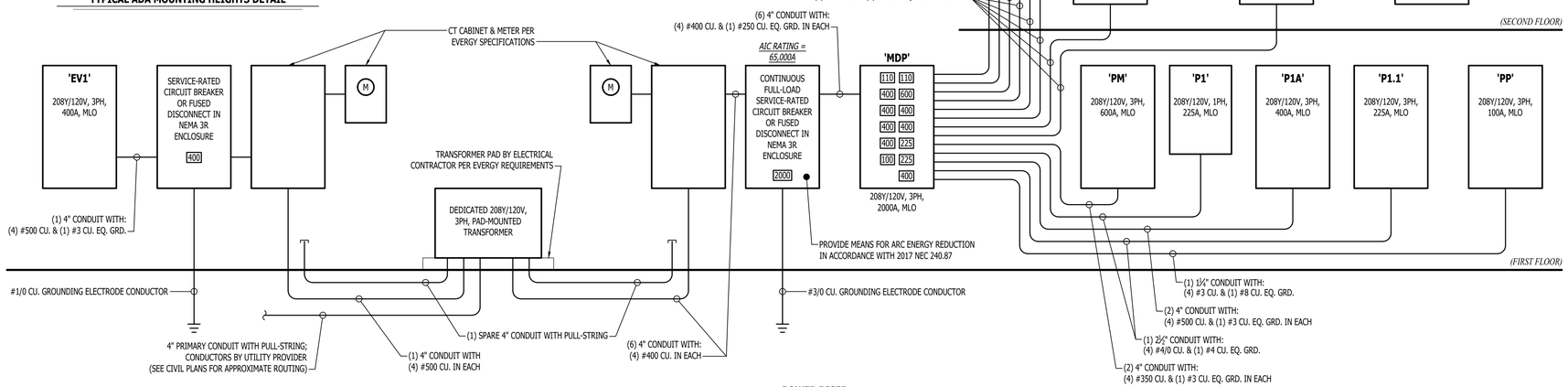

**POOL AREA EQUIPOTENTIAL BONDING DETAIL**




**TYPICAL GROUNDING & BONDING DETAIL**

**POWER RISER GENERAL NOTES:**

1. SEE MEP SITE PLAN FOR APPROXIMATE TRANSFORMER & SERVICE ENTRANCE LOCATIONS.
2. COORDINATE ALL DETAILS OF NEW ELECTRIC SERVICE WITH EVERGY.
3. CONTRACTOR SHALL PROVIDE A SHORT-CIRCUIT AND COORDINATION STUDY INCLUDING ARC FAULT ANALYSIS AND EQUIPMENT LABELING ON ALL SERVICE SWITCHBOARDS AND DISTRIBUTION BOARDS.
4. AIC-RATINGS ARE BASED ON THE FOLLOWING:
   4.1. TRANSFORMER LOCATED APPROXIMATELY WHERE SHOWN ON PLANS.
   4.2. 750 kVA TRANSFORMER, 100% PF, 5.75% Z.
   4.3. ELECTRICAL CONTRACTOR TO RECALCULATE REQUIRED AIC-RATINGS IF FIELD CONDITIONS VARY FROM THOSE SHOWN ON PLANS.
5. PERMANENTLY LABEL SERVICE DISCONNECTS AS "1 OF 2" & "2 OF 2".
6. ELECTRICAL CONTRACTOR TO PERFORM SHORT CIRCUIT COORDINATION STUDY INCLUDING ARC FAULT ANALYSIS & INCLUDE EQUIPMENT LABELING ON ALL SWITCHBOARDS & DISTRIBUTION PANELS.
7. ALL DEVICES IN MAIN DISTRIBUTION SHALL BE 100% CONTINUOUSLY RATED.
8. PROVIDE SURGE PROTECTION & LIGHTING ARRESTORS ON EACH MAIN ELECTRICAL SERVICE.
9. PROVIDE MEANS FOR ARC-ENERGY REDUCTION ON MAIN ELECTRIC SERVICE PER NEC 240.87.
10. PROVIDE GFI PROTECTION ON MAIN ELECTRICAL SERVICE PER NEC 215.10.




**POWER RISER**


STATE OF MISSOURI
JAMES P. WATSON
NUMBER PE-2015017071
PROFESSIONAL ENGINEER

James Watson, P.E. June 14, 2024
PE-2015017071
MO Certificate of Authority # 2018029680

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| | |
|---|---|
| J2 PROJECT NO: | J21005 |
| J2 DESIGN: | ACW |

| ISSUE TITLE | DATE |
|---|---|
| CITY SUBMISSION | 04 / 17 / 2024 |
| CITY & BRAND RESPONSE | 06 / 14 / 2024 |
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| | |
| | |

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**ELECTRICAL DETAILS & SCHEDULES**

SHEET NUMBER

**E501**

rec

## ELECTRICAL PANEL 'P1.1' SCHEDULE

| PANEL SPECIFICATIONS | | | TOTAL CONNECTED LOAD | |
|---|---|---|---|---|
| **VOLTAGE:** 120/208V 3-PH | **NEMA RATING:** 1 | | **PHASE "A" LOAD:** | 182.5 AMPS |
| **AMPACITY:** 225A MLO | **PANEL MOUNTING:** RECESSED | | **PHASE "B" LOAD:** | 170 AMPS |
| **AIC-RATING:** 35kA | | | **PHASE "C" LOAD:** | 170.5 AMPS |

| CIRCUIT NUMBER | DESCRIPTION | BREAKER SIZE | AMPS | PHASE | AMPS | BREAKER SIZE | DESCRIPTION | CIRCUIT NUMBER |
|---|---|---|---|---|---|---|---|---|
| 1 | LOBBY SEATING QUAD | 20-1 | 3 | A | 5 | 15-3 | LAUNDRY WASHER | 2 |
| 3 | LOBBY SEATING QUAD | 20-1 | 3 | B | 5 | - | - | 4 |
| 5 | LOBBY FLOOR RECEPTS. | 20-1 | 6 | C | 5 | - | - | 6 |
| 7 | LOBBY FLOOR RECEPTS. | 20-1 | 6 | A | 5 | 15-3 | LAUNDRY WASHER | 8 |
| 9 | HYDRATION AREA RECEPTS. | 20-1 | 3 | B | 5 | - | - | 10 |
| 11 | HYDRATION AREA RECEPTS. | 20-1 | 3 | C | 5 | - | - | 12 |
| 13 | HYDRATION AREA RECEPTS. | 20-1 | 3 | A | 5 | 15-3 | LAUNDRY DRYER | 14 |
| 15 | HYDRATION AREA RECEPTS. | 20-1 | 3 | B | 5 | - | - | 16 |
| 17 | HYDRATION AREA RECEPTS. | 20-1 | 3 | C | 5 | - | - | 18 |
| 19 | HYDRATION AREA RECEPTS. | 20-1 | 3 | A | 5 | 15-3 | LAUNDRY DRYER | 20 |
| 21 | RESTROOM RECEPTS. | 20-1 | 3 | B | 5 | - | - | 22 |
| 23 | RESTROOM RECEPTS. | 20-1 | 3 | C | 5 | - | - | 24 |
| 25 | EMPLOYEE BREAKROOM RECEPTS. | 20-1 | 7.5 | A | 28 | 40-2 | FOOD PREP OVEN | 26 |
| 27 | EMPLOYEE BREA ROOM MW | 20-1 | 8 | B | 28 | - | - | 28 |
| 29 | EMPLOYEE BREAKROOM MW | 20-1 | 8 | C | 28 | 40-2 | FOOD PREP OVEN | 30 |
| 31 | EMPLOYEE BREAKROOM REF | 20-1 | 8 | A | 28 | - | - | 32 |
| 33 | FOOD PREP REF BASE | 20-1 | 5 | B | 23 | 30-2 | FOOD PREP COFFEE MAKER | 34 |
| 35 | FOOD PREP MW | 20-1 | 12 | C | 23 | - | - | 36 |
| 37 | FOOD PREP RECEPTS. | 20-1 | 3 | A | 17 | 30-2 | FOOD PREP DISPOSAL | 38 |
| 39 | FOOD PREP RECEPTS. | 20-1 | 3 | B | 17 | - | - | 40 |
| 41 | CORRIDOR RECEPTS. | 20-1 | 4.5 | C | 29 | 35-3 | FOOD PREP DISHWASHER | 42 |
| 43 | PBX RECEPTS. | 20-1 | 3 | A | 29 | - | - | 44 |
| 45 | PBX RECEPTS. | 20-1 | 3 | B | 29 | - | - | 46 |
| 47 | PBX RECEPTS. | 20-1 | 3 | C | 8 | 20-1 | WATER SOFTENER | 48 |
| 49 | PBX RECEPTS. | 20-1 | 3 | A | 3 | 20-2 | 208V RECEPT. (MAINTENANCE) | 50 |
| 51 | PBX RECEPTS. | 20-1 | 3 | B | 3 | - | - | 52 |
| 53 | PBX RECEPTS. | 201 | 3 | C | 5 | 20-1 | INTERIOR LIGHTING | 54 |
| 55 | PBX RECEPTS. | 20-1 | 3 | A | 10 | 20-1 | INTERIOR LIGHTING | 56 |
| 57 | PBX RECEPTS. | 20-1 | 3 | B | 8 | 20-1 | INTERIOR LIGHTING | 58 |
| 59 | PBX RECEPTS. | 20-1 | 3 | C | 10 | 20-1 | INTERIOR LIGHTING | 60 |
| 61 | MECH ROOM RECEPTS. | 20-1 | 3 | A | 8 | 20-1 | STAIR LIGHTING | 62 |
| 63 | ENGINEER RECEPTS. | 20-1 | 6 | B | 2 | 20-1 | FIRE/SMOKE DAMPERS | 64 |
| 65 | ENGINEER QUAD | 20-1 | 3 | C | 2 | 20-1 | FIRE/SMOKE DAMPERS | 66 |
| 67 | ENGINEER QUAD | 20-1 | 3 | A | 3 | 20-1 | WELCOME DESK RECEPTS. | 68 |
| 69 | VENDING MACHINE | 20-1 | 8 | B | 3 | 20-1 | WELCOME DESK RECEPTS. | 70 |
| 71 | SALES RECEPTS. | 20-1 | 9 | C | 3 | 20-1 | WELCOME DESK RECEPTS. | 72 |
| 73 | EXTERIOR SIGNAGE | 20-1 | 3 | A | 5 | 20-1 | MAG-HOLDS | 74 |
| 75 | EXTERIOR SIGNAGE | 20-1 | 3 | B | 5 | 20-1 | MAG-HOLDS | 76 |
| 77 | EXTERIOR LIGHTING | 20-1 | 4 | C | | | OPEN | 78 |
| 79 | EXTERIOR PATIO LIGHTING | 20-1 | 5 | A | | | OPEN | 80 |
| 81 | LIGHTING CONTROL PANELS | 20-1 | 3 | B | | | OPEN | 82 |
| 83 | TRASH ENCLOSURE STORAGE | 20-1 | 3 | C | | | OPEN | 84 |

**NOTES:**
A: PANEL SHALL BE EQUAL TO SQUARE D MODEL "QO"
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

## DISTRIBUTION PANEL 'P2A' SCHEDULE

| PANEL SPECIFICATIONS | | TOTAL CONNECTED LOAD | | TOTAL DIVERSIFIED LOAD | |
|---|---|---|---|---|---|
| **VOLTAGE:** 208Y/120V 3-PH | **NEMA RATING:** 1 | **PHASE "A" LOAD:** | 522 AMPS | **PHASE "A" LOAD:** | 203 AMPS |
| **AMPACITY:** 400A MLO | **PANEL MOUNTING:** RECESSED | **PHASE "B" LOAD:** | 523 AMPS | **PHASE "B" LOAD:** | 198 AMPS |
| **AIC-RATING:** 22kA | | **PHASE "C" LOAD:** | 474 AMPS | **PHASE "C" LOAD:** | 134 AMPS |

| CIRCUIT NUMBER | DESCRIPTION | BREAKER SIZE | AMPS | PHASE | AMPS | BREAKER SIZE | DESCRIPTION | CIRCUIT NUMBER |
|---|---|---|---|---|---|---|---|---|
| 1 | GUESTROOM 201 PANEL | 60-2 | 47 | A | 47 | 60-2 | GUESTROOM 211 PANEL | 2 |
| 3 | - | - | 48 | B | 48 | - | - | 4 |
| 5 | GUESTROOM 202 PANEL | 60-2 | 47 | C | 47 | 60-2 | GUESTROOM 212 PANEL | 6 |
| 7 | - | - | 48 | A | 48 | - | - | 8 |
| 9 | GUESTROOM 203 PANEL | 60-2 | 47 | B | 47 | 60-2 | GUESTROOM 213 PANEL | 10 |
| 11 | - | - | 48 | C | 48 | - | - | 12 |
| 13 | GUESTROOM 204 PANEL | 60-2 | 47 | A | 47 | 60-2 | GUESTROOM 214 PANEL | 14 |
| 15 | - | - | 48 | B | 48 | - | - | 16 |
| 17 | GUESTROOM 205 PANEL | 60-2 | 47 | C | 47 | 60-2 | GUESTROOM 215 PANEL | 18 |
| 19 | - | - | 48 | A | 48 | - | - | 20 |
| 21 | GUESTROOM 206 PANEL | 60-2 | 47 | B | 47 | 60-2 | GUESTROOM 216 PANEL | 22 |
| 23 | - | - | 48 | C | 48 | - | - | 24 |
| 25 | GUESTROOM 207 PANEL | 60-2 | 47 | A | 69 | 100-2 | PANEL 'P2' | 26 |
| 27 | - | - | 48 | B | 64 | - | - | 28 |
| 29 | GUESTROOM 208 PANEL | 60-2 | 47 | C | | | OPEN | 30 |
| 31 | - | - | 48 | A | | | OPEN | 32 |
| 33 | GUESTROOM 209 PANEL | 60-2 | 47 | B | | | OPEN | 34 |
| 35 | - | - | 48 | C | | | OPEN | 36 |
| 37 | GUESTROOM 210 PANEL | 60-2 | 47 | A | | | OPEN | 38 |
| 39 | - | - | 48 | B | | | OPEN | 40 |
| 41 | OPEN | | | C | | | OPEN | 42 |

**NOTES:**
A: PANEL SHALL BE EQUAL TO SQUARE D "I-LINE" SERIES
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.
D: GUESTROOM PANEL & DISTRIBUTION PANEL DIVERSIFIED LOADS HAVE BEEN CALCULATED IN ACCORDANCE WITH NEC 220.84.

## PANEL 'P2' SCHEDULE

| PANEL SPECIFICATIONS | | | TOTAL CONNECTED LOAD | |
|---|---|---|---|---|
| **VOLTAGE:** 120/208V 1-PH | **NEMA RATING:** 1 | | **PHASE "A" LOAD:** | 69 AMPS |
| **AMPACITY:** 100A MLO | **PANEL MOUNTING:** RECESSED | | **PHASE "B" LOAD:** | 64 AMPS |
| **AIC-RATING:** 10kA | | | | |

| CIRCUIT NUMBER | DESCRIPTION | BREAKER SIZE | AMPS | PHASE | AMPS | BREAKER SIZE | DESCRIPTION | CIRCUIT NUMBER |
|---|---|---|---|---|---|---|---|---|
| 1 | CORRIDOR RECEPTS. | 20-1 | 9 | A | 35 | 45-2 | AHU-10 | 2 |
| 3 | ICE MACHINE | 20-1 | 8 | B | 35 | - | - | 4 |
| 5 | HOUSEKEEPING RECEPTS. | 20-1 | 6 | A | 12 | 20-2 | CU-10 | 6 |
| 7 | I.T. QUAD | 20-1 | 3 | B | 12 | - | - | 8 |
| 9 | I.T. QUAD | 20-1 | 3 | A | | 20-1 | SPARE | 10 |
| 11 | MAG HOLDS | 20-1 | 3 | B | | 20-1 | SPARE | 12 |
| 13 | CORRIDOR SCONCES | 20-1 | 2 | A | | 20-1 | SPARE | 14 |
| 15 | CORRIDOR DOWNLIGHTS | 20-1 | 3 | B | | | OPEN | 16 |
| 17 | LOBBY / LAUNDRY LIGHTING | 20-1 | 2 | A | | | OPEN | 18 |
| 19 | FIRE/SMOKE DAMPERS | 20-1 | | B | | | OPEN | 20 |
| 21 | FIRE/SMOKE DAMPERS | 20-1 | | A | | | OPEN | 22 |
| 23 | SPARE | 20-1 | | B | | | OPEN | 24 |

**NOTES:**
A: PANEL SHALL BE EQUAL TO SQUARE D MODEL "QO"
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

## DISTRIBUTION PANEL 'P2B' SCHEDULE

| PANEL SPECIFICATIONS | | TOTAL CONNECTED LOAD | | TOTAL DIVERSIFIED LOAD | |
|---|---|---|---|---|---|
| **VOLTAGE:** 208Y/120V 3-PH | **NEMA RATING:** 1 | **PHASE "A" LOAD:** | 554 AMPS | **PHASE "A" LOAD:** | 144 AMPS |
| **AMPACITY:** 400A MLO | **PANEL MOUNTING:** RECESSED | **PHASE "B" LOAD:** | 539 AMPS | **PHASE "B" LOAD:** | 144 AMPS |
| **AIC-RATING:** 22kA | | **PHASE "C" LOAD:** | 491 AMPS | **PHASE "C" LOAD:** | 144 AMPS |

| CIRCUIT NUMBER | DESCRIPTION | BREAKER SIZE | AMPS | PHASE | AMPS | BREAKER SIZE | DESCRIPTION | CIRCUIT NUMBER |
|---|---|---|---|---|---|---|---|---|
| 1 | GUESTROOM 217 PANEL | 60-2 | 47 | A | 47 | 60-2 | GUESTROOM 227 PANEL | 2 |
| 3 | - | - | 48 | B | 48 | - | - | 4 |
| 5 | GUESTROOM 218 PANEL | 60-2 | 47 | C | 47 | 60-2 | GUESTROOM 228 PANEL | 6 |
| 7 | - | - | 48 | A | 48 | - | - | 8 |
| 9 | GUESTROOM 219 PANEL | 60-2 | 47 | B | 47 | 60-2 | GUESTROOM 229 PANEL | 10 |
| 11 | - | - | 48 | C | 48 | - | - | 12 |
| 13 | GUESTROOM 220 PANEL | 100-2 | 63 | A | 47 | 60-2 | GUESTROOM 230 PANEL | 14 |
| 15 | - | - | 64 | B | 48 | - | - | 16 |
| 17 | GUESTROOM 221 PANEL | 60-2 | 47 | C | 63 | 100-2 | GUESTROOM 231 PANEL | 18 |
| 19 | - | - | 48 | A | 64 | - | - | 20 |
| 21 | GUESTROOM 222 PANEL | 60-2 | 47 | B | 47 | 60-2 | GUESTROOM 232 PANEL | 22 |
| 23 | - | - | 48 | C | 48 | - | - | 24 |
| 25 | GUESTROOM 223 PANEL | 60-2 | 47 | A | | | OPEN | 26 |
| 27 | - | - | 48 | B | | | OPEN | 28 |
| 29 | GUESTROOM 224 PANEL | 60-2 | 47 | C | | | OPEN | 30 |
| 31 | - | - | 48 | A | | | OPEN | 32 |
| 33 | GUESTROOM 225 PANEL | 60-2 | 47 | B | | | OPEN | 34 |
| 35 | - | - | 48 | C | | | OPEN | 36 |
| 37 | GUESTROOM 226 PANEL | 60-2 | 47 | A | | | OPEN | 38 |
| 39 | - | - | 48 | B | | | OPEN | 40 |
| 41 | OPEN | | | C | | | OPEN | 42 |

**NOTES:**
A: PANEL SHALL BE EQUAL TO SQUARE D "I-LINE" SERIES
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.
D: GUESTROOM PANEL & DISTRIBUTION PANEL DIVERSIFIED LOADS HAVE BEEN CALCULATED IN ACCORDANCE WITH NEC 220.84.

## PANEL 'P3' SCHEDULE

| PANEL SPECIFICATIONS | | | TOTAL CONNECTED LOAD | |
|---|---|---|---|---|
| **VOLTAGE:** 120/208V 1-PH | **NEMA RATING:** 1 | | **PHASE "A" LOAD:** | 71 AMPS |
| **AMPACITY:** 100A MLO | **PANEL MOUNTING:** RECESSED | | **PHASE "B" LOAD:** | 66 AMPS |
| **AIC-RATING:** 10kA | | | | |

| CIRCUIT NUMBER | DESCRIPTION | BREAKER SIZE | AMPS | PHASE | AMPS | BREAKER SIZE | DESCRIPTION | CIRCUIT NUMBER |
|---|---|---|---|---|---|---|---|---|
| 1 | CORRIDOR RECEPTS. | 20-1 | 9 | A | 35 | 45-2 | AHU-11 | 2 |
| 3 | ICE MACHINE | 20-1 | 8 | B | 35 | - | - | 4 |
| 5 | HOUSEKEEPING RECEPTS. | 20-1 | 6 | A | 12 | 20-2 | CU-11 | 6 |
| 7 | I.T. QUAD | 20-1 | 3 | B | 12 | - | - | 8 |
| 9 | I.T. QUAD | 20-1 | 3 | A | | 20-1 | SPARE | 10 |
| 11 | MAG HOLDS | 20-1 | 3 | B | | 20-1 | SPARE | 12 |
| 13 | CORRIDOR SCONCES | 20-1 | 2 | A | | 20-1 | SPARE | 14 |
| 15 | CORRIDOR DOWNLIGHTS | 20-1 | 3 | B | | | OPEN | 16 |
| 17 | LOBBY / LAUNDRY LIGHTING | 20-1 | 2 | A | | | OPEN | 18 |
| 19 | FIRE/SMOKE DAMPERS | 20-1 | 2 | B | | | OPEN | 20 |
| 21 | FIRE/SMOKE DAMPERS | 20-1 | 2 | A | | | OPEN | 22 |
| 23 | SPARE | 20-1 | | B | | | OPEN | 24 |

**NOTES:**
A: PANEL SHALL BE EQUAL TO SQUARE D MODEL "QO"
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.

STATE OF MISSOURI
JAMES P. WATSON
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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:
# Home 2 Suites By Hilton
Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE
**ELECTRICAL SCHEDULES**

SHEET NUMBER
**E602**

## SANITARY SEWER PLAN SYMBOL LEGEND

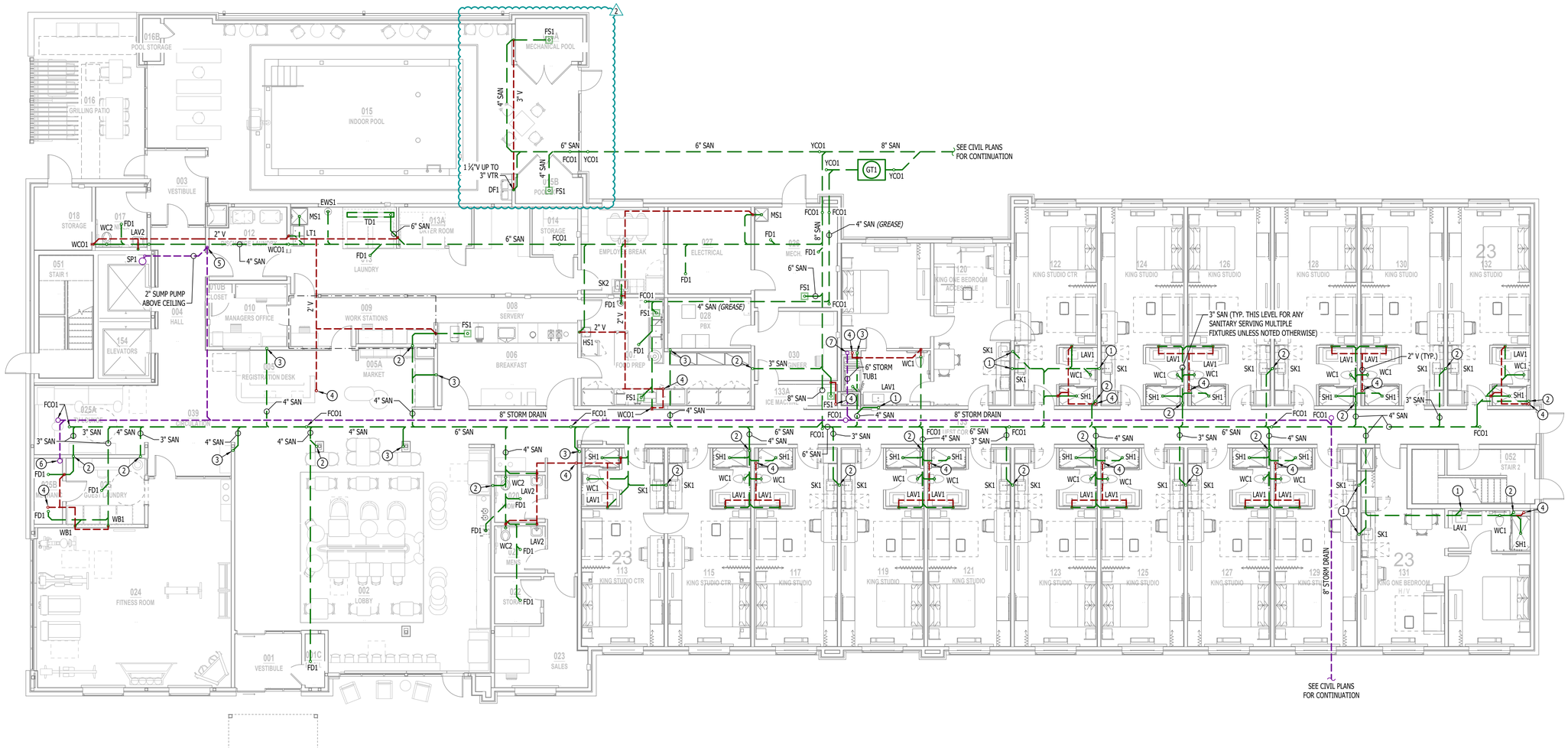
- SANITARY SEWER PIPING
- VENT PIPING
- STORM DRAIN PIPING
- PIPING TURNED DOWN / TURNED UP
- TIE INTO EXISTING

## SANITARY SEWER PLAN GENERAL NOTES:

1. SEE SHEET P501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, & SCHEDULES.

## SANITARY SEWER PLAN KEY NOTES:

1. 2" SAN DOWN FROM SECOND FLOOR.
2. 3" SAN DOWN FROM SECOND FLOOR.
3. 4" SAN DOWN FROM SECOND FLOOR.
4. 2" VENT UP TO SECOND FLOOR
5. 2" SUMP PUMP INDIRECT DISCHARGE TO HUB DRAIN ACCESSIBLE ABOVE LAY IN CEILING IN DISCHARGE LAUNDRY ROOM 012.
6. 8" PRIMARY STORM DRAIN DOWN FROM ROOF.
7. 6" PRIMARY STORM DRAIN DOWN FROM ROOF.




## SANITARY SEWER PLAN - FIRST FLOOR

SCALE: 1/8" = 1'-0"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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHU APPROVAL STAMP

SHEET TITLE

**SANITARY SEWER PLAN - FIRST FLOOR**

SHEET NUMBER

# PS101

## SANITARY SEWER PLAN SYMBOL LEGEND

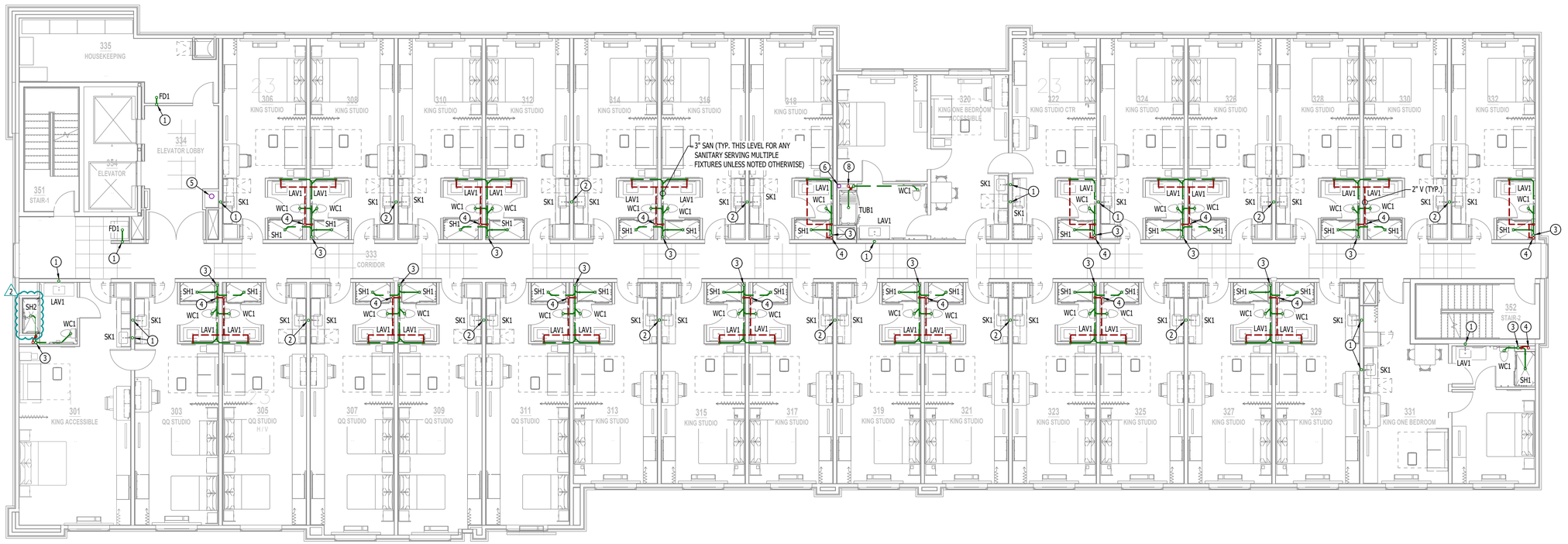
- SANITARY SEWER PIPING
- VENT PIPING
- STORM DRAIN PIPING
- PIPING TURNED DOWN / TURNED UP
- TIE INTO EXISTING

## SANITARY SEWER PLAN GENERAL NOTES:

1. SEE SHEET P501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, & SCHEDULES.

## SANITARY SEWER PLAN KEY NOTES:

1. 2" WASTE STACK VENT DOWN FROM FOURTH FLOOR; CONTINUES DOWN TO SECOND FLOOR.
2. 2" WASTE STACK VENT DOWN FROM FOURTH FLOOR; 3" CONTINUES DOWN TO SECOND FLOOR.
3. 3" SAN DOWN FROM FOURTH FLOOR; CONTINUES DOWN TO SECOND FLOOR.
4. 3" VENT UP FROM FIRST FLOOR; 3" VENT CONTINUES UP TO THIRD FLOOR.
5. 8" PRIMARY STORM DRAIN PIPING DOWN FROM ROOF.
6. 6" PRIMARY STORM DRAIN PIPING DOWN FROM ROOF.




**SANITARY SEWER PLAN - THIRD FLOOR**

SCALE: 1/8" = 1'-0"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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**SANITARY SEWER PLAN - THIRD FLOOR**

SHEET NUMBER

**PS103**

## SANITARY SEWER PLAN SYMBOL LEGEND

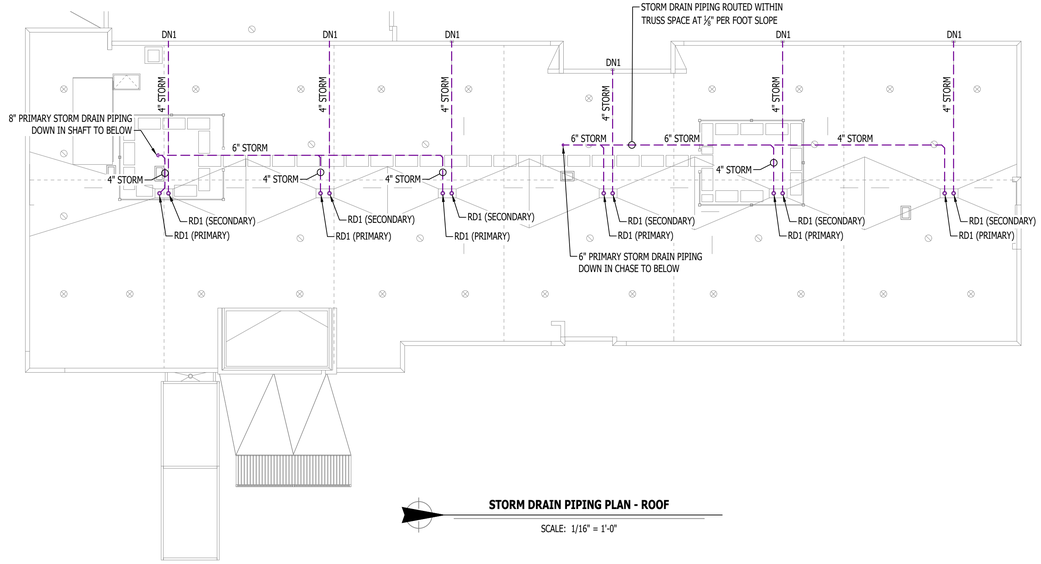
- SANITARY SEWER PIPING
- VENT PIPING
- STORM DRAIN PIPING
- PIPING TURNED DOWN / TURNED UP
- TIE INTO EXISTING

## SANITARY SEWER PLAN GENERAL NOTES:

1. SEE SHEET PS01 FOR ADDITIONAL PLUMBING NOTES, DETAILS, & SCHEDULES.
2. OFFSET VENT PIPING AS NECESSARY TO MAINTAIN 10' SEPARATION (MIN.) BETWEEN VENT LOCATION & MECHANICAL FRESH AIR INTAKES.

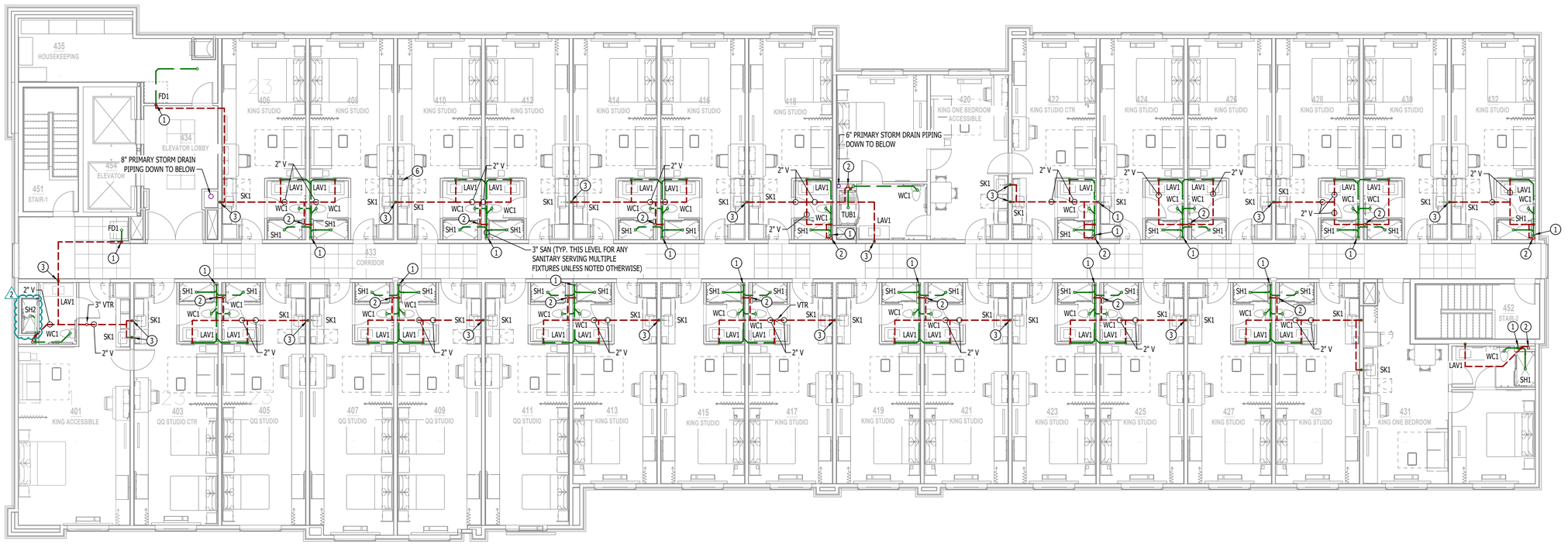
## SANITARY SEWER PLAN KEY NOTES:

1. 3" SAN DOWN TO THIRD FLOOR.
2. 3" VENT UP FROM THIRD FLOOR; CONTINUES UP THRU ROOF TO 3" VTR.
3. 2" WASTE STACK VENT DOWN TO THIRD FLOOR.




**STORM DRAIN PIPING PLAN - ROOF**

SCALE: 1/16" = 1'-0"




**SANITARY SEWER PLAN - FOURTH FLOOR**

SCALE: 1/8" = 1'-0"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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**SANITARY SEWER PLAN - FOURTH FLOOR**

SHEET NUMBER

**PS104**

## WATER & GAS PLAN SYMBOL LEGEND

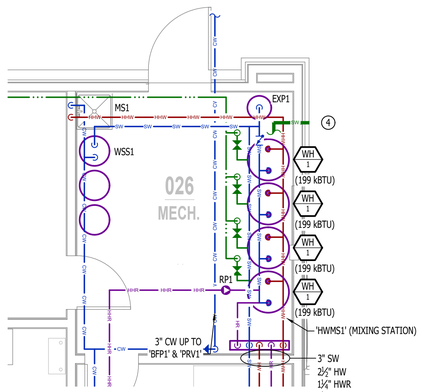
- COLD HARD WATER LINE (CW)
- COLD SOFT WATER LINE (SW)
- HOT WATER LINE (HW) (110°F)
- HOT WATER RECIRCULATION LINE (HR)
- HOT HOT WATER LINE (HHW) (140°F)
- HOT HOT WATER RECIRCULATION LINE (HHR)
- WATER METER
- VALVE
- PUMP
- GAS LINE
- GAS METER
- PIPING TURNED DOWN / TURNED UP

## WATER & GAS PLAN GENERAL NOTES:

1. SEE SHEET P501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, & SCHEDULES.

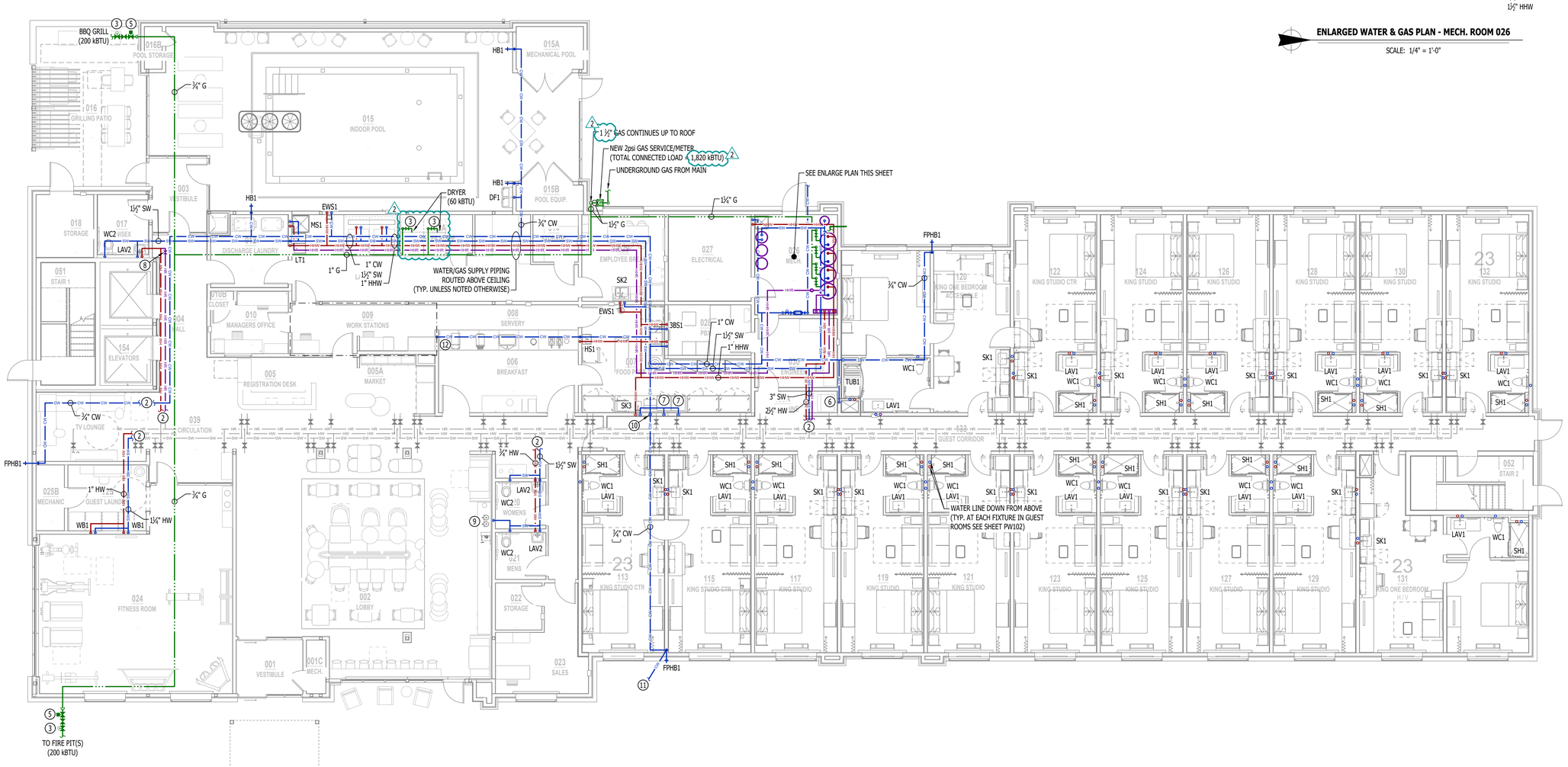
## WATER & GAS PLAN KEY NOTES:

1. CW UP TO ICE MAKER ON SECOND THRU FOURTH FLOORS.
2. SEE SHEET PW102 FOR CONTINUATION
3. 2 PSI TO 11" W.C. VENTLESS REGULATOR AT APPLIANCE CONNECTION.
4. WATER HEATER VENT & COMBUSTION AIR TO CONCENTRIC VENT THRU WALL; INSTALL PER MANUFACTURER SPECIFICATIONS.
5. PROVIDE & INSTALL 120V ELECTRICALLY HELD (NORMALLY CLOSED) SOLENOID ON GAS LINE FOR EMERGENCY SHUT-OFF; COORDINATE WITH ELECTRICAL CONTRACTOR.
6. ½" CW TO ICE MAKER WITH 'BFP3' A EQUIPMENT CONNECTION.
7. ½" CW TO CONVECTION OVEN WITH 'BFP3' A EQUIPMENT CONNECTION.
8. PROVIDE & INSTALL AUTOMATIC FLOW BALANCING VALVE EQUAL TO WATTS #LFIDROSET IN HWR LINE IN ACCESSIBLE LOCATION IN CORRIDOR; SET FLOW TO 0.5 GPM.
9. CW STUBBED DOWN TO HYDRATION STATION. COORDINATE EXACT LOCATION & REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
10. ½" CW TO COFFEE MAKER WITH 'BFP3' A EQUIPMENT CONNECTION.
11. ¾" CW UNDERGROUND TO YARD HYDRANT AT DUMPSTER ENCLOSURE (SEE SHEET MEP2).
12. ½" CW DOWN IN WALL TO 'BFP3' IN CASEWORK FOR JUICE MACHINE CONNECTION. COORDINATE WITH CASEWORK SUPPLIER/INSTALLER.




**ENLARGED WATER & GAS PLAN - MECH. ROOM 026**

SCALE: 1/4" = 1'-0"




**WATER & GAS PLAN - FIRST FLOOR**

SCALE: 1/8" = 1'-0"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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**WATER & GAS PLAN - FIRST FLOOR**

SHEET NUMBER

# PW101

## WATER & GAS PLAN SYMBOL LEGEND

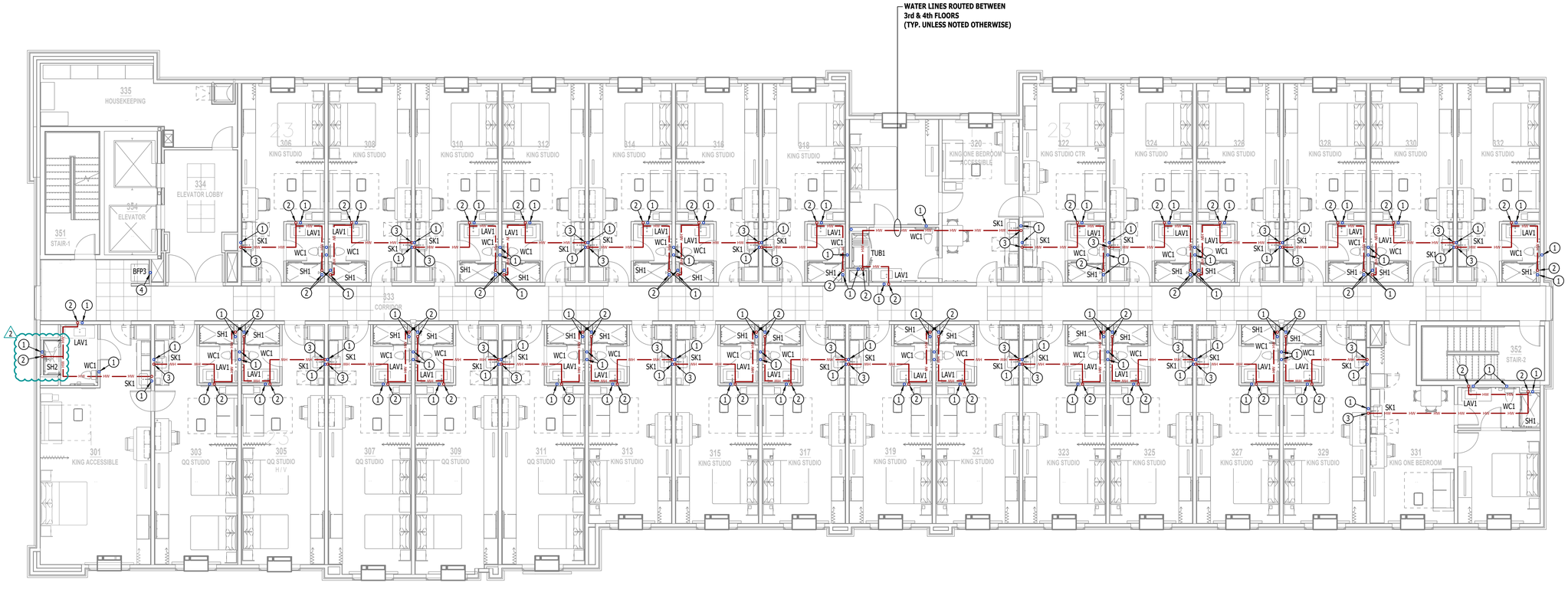
- COLD SOFT WATER LINE
- HOT WATER LINE
- HOT WATER RECIRCULATION LINE
- PIPING TURNED DOWN / TURNED UP

## WATER & GAS PLAN GENERAL NOTES:

1. SEE SHEET P501 FOR ADDITIONAL PLUMBING NOTES, DETAILS, & SCHEDULES.

## WATER & GAS PLAN KEY NOTES:

1. CW UP FROM BELOW.
2. HOT WATER TEES UP TO SERVE FIXTURE ON FOURTH FLOOR AND DOWN TO SERVE FIXTURES ON FLOORS BELOW AND CONNECTS IN TO HOT WATER RETURN ON SECOND FLOOR (SEE SHEET PW102)
3. HOT WATER UP FROM BELOW.
4. CW CONTINUES UP FROM FIRST FLOOR




**WATER & GAS PLAN - THIRD FLOOR**

SCALE: 1/8" = 1'-0"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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHU APPROVAL STAMP

SHEET TITLE

**WATER & GAS PLAN - THIRD FLOOR**

SHEET NUMBER

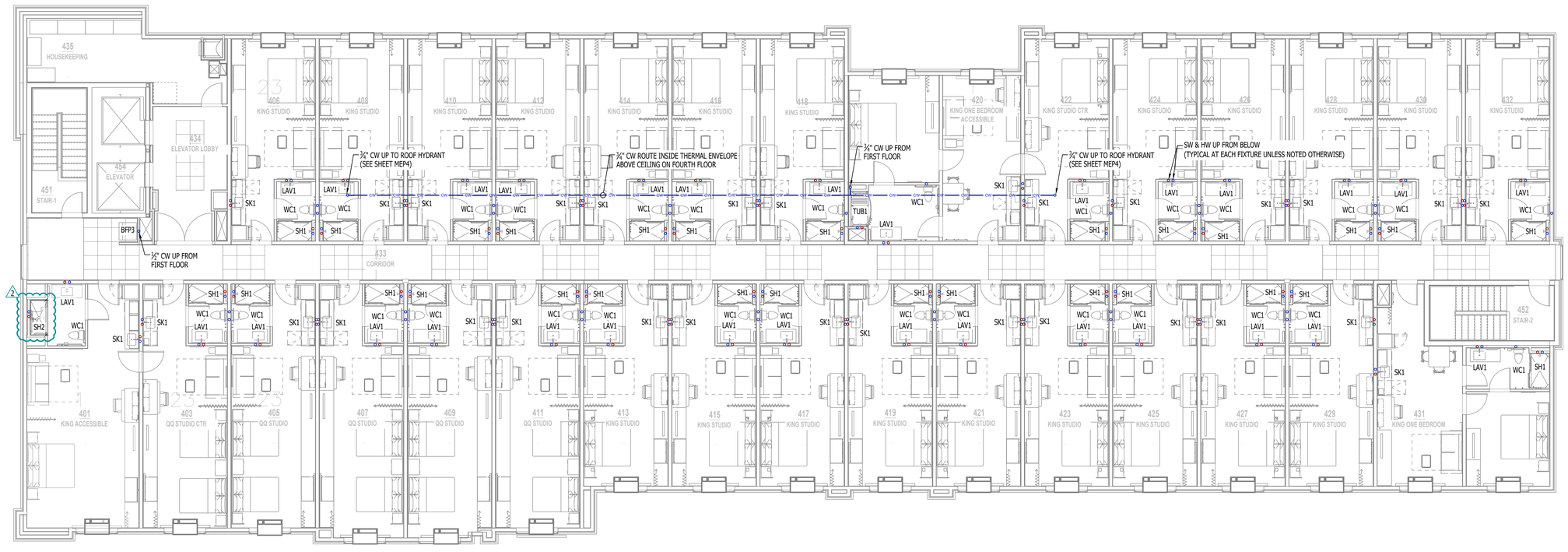
**PW103**

## WATER & GAS PLAN SYMBOL LEGEND

- SW — COLD SOFT WATER LINE
- HW — HOT WATER LINE
- HR — HOT WATER RECIRCULATION LINE
- PIPING TURNED DOWN / TURNED UP

## WATER & GAS PLAN GENERAL NOTES:

1. SEE SHEET PS01 FOR ADDITIONAL PLUMBING NOTES, DETAILS, & SCHEDULES.




**WATER & GAS PLAN - FOURTH FLOOR**

SCALE: 1/8" = 1'-0"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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHU APPROVAL STAMP

SHEET TITLE

**WATER & GAS PLAN - FOURTH FLOOR**

SHEET NUMBER

**PW104**

## PLUMBING CONNECTION SIZING SCHEDULE

| FIXTURE | | SANITARY PIPING | | SUPPLY PIPING | |
|---|---|---|---|---|---|
| TYPE | TYPICAL ABBREVIATION | WASTE CONNECTION | VENT CONNECTION | COLD WATER CONNECTION | HOT WATER CONNECTION |
| DRINKING FOUNTAIN | DF | 1-1/2" | 1-1/4" | 1/2" | - |
| FLOOR DRAIN | FD | 3" | 2" | - | - |
| HAND / HAIR SINK | HS / SK | 2" | 1-1/4" | 1/2" | 1/2" |
| HOSE BIBB | HB | - | - | 3/4" | - |
| LAVATORY | LAV | 1-1/2" | 1-1/4" | 1/2" | 1/2" |
| MOP SINK | MS | 3" | 1-1/2" | 1/2" | 1/2" |
| ICE MAKER OUTLET BOX | REF | - | - | 1/2" | - |
| SHOWER | SH | 3" | 1-1/2" | 1/2" | 1/2" |
| URINAL | UR | 2" | 1-1/4" | 3/4" | - |
| WATER CLOSET (FLUSH TANK) | WC | 3" | 2" | 1/2" | - |
| WATER CLOSET (FLUSH VALVE) | WC | 3" | 2" | 1" | - |
| | | | | | |

**NOTES:**
1. SIZES SHOWN ABOVE ARE TYPICAL UNLESS NOTED OTHERWISE ON PLANS

## PLUMBING FIXTURE SCHEDULE

| TAG | DESCRIPTION | MANUFACTURER (OR EQUAL) | MODEL (OR EQUAL) | NOTES |
|---|---|---|---|---|
| 3BS1 | THREE BASIN SINK | - | - | PROVIDED WITH FOOD SERVICE EQUIPMENT PACKAGE; PLUMBING CONTRACTOR TO INSTALL |
| BFP1 | BACKFLOW PREVENTER | WILKINS | 375 | RPZ - 3" |
| BFP2 | BACKFLOW PREVENTER | ZURN | 950XLT | 2" DOUBLE-CHECK FOR IRRIGATION |
| BFP3 | BACKFLOW PREVENTER | WATTS | LF9D | ICE MACHINE DUAL CHECK |
| DF1 | DRINKING FOUNTAIN (HIGH/LOW) | ELKAY | EZSTL8LC | |
| DN1 | DOWNSPOUT NOZZLE | ZURN | Z199 | |
| EWS1 | EMERGENCY EYEWASH STATION | GUARDIAN | G1814 | WITH G6020 THERMOSTATIC MIXING VALVE |
| EXP1 | EXPANSION TANK | WATTS | DETA-100 | |
| FCO1 | FLOOR CLEANOUT | ZURN | 1400 | |
| FD1 | FLOOR DRAIN | ZURN | Z415-BZ | WITH Z1072 TRAP SEAL |
| FPHB1 | FROST PROOF HOSE BIB | WOODFORD | MODEL 67 | |
| FS1 | FLOOR SINK | ZURN | FD2370 | WITH DOME STRAINER & HALF-GRATE |
| GT1 | GREASE TRAP | SCHIER | GB-75 | |
| HB1 | HOSE BIBB - INTERIOR | WOODFORD | 24P - 3/4" | WITH LOCKING KEY |
| HD1 | HUB DRAIN | - | - | WITH Z1072 TRAP SEAL |
| HS1 | HAND SINK | REGENCY | 600HS17 | |
| HWMS1 | HOT WATER MIXING STATION | WATTS | INTELLISTATION LFIS200 | 2.5" WITH 'RP1' RECIRCULATION PUMP |
| LAV1 | LAVATORY (UNDERMOUNT W/ MANUAL FAUCET) | AMERICAN STANDARD | 0614.000 | WITH ZURN Z831R1-XL FAUCET, 1/4 TURN STOPS, AND BRAIDED STAINLESS STEEL SUPPLIES |
| LAV2 | LAVATORY (WALL HUNG W/BATTERY SENSOR FAUCET) | AMERICAN STANDARD | 0355.012 | WITH ZURN Z6915-XL-L-TMV-1 FAUCET, 1/4 TURN STOPS, BRAIDED STAINLESS STEEL SUPPLIES, AND TRUBRO LAV GUARD 2 |
| LT1 | LAUNDRY TUB | SWAN | MF-2F | 24x46 DOUBLE BOWL; WITH ZURN Z812J4-XL FAUCET |
| MS1 | MOP SINK | FIAT | MSB2424 | WITH ZURN Z843M1 FAUCET WITH WALL HOOK |
| PRV1 | PRESSURE REDUCING VALVE | WATTS | LFF127W | |
| RH1 | ROOF HYDRANT | WOODFORD | SRH-MS | |
| RP1 | HOT WATER RECIRCULATION PUMP | GRUNDFOS | MAGNA 1 | ~16 GPM @ 20' TDH |
| SH1 | GUESTROOM SHOWER - 60"x 34" | STERLING | 72331100-0 | VIKRELL SHOWER PAN WITH SHOWER DRAIN, MOEN POSI-TEMP MIXING VALVE & TRIM KIT, WITH COMBINATION SHOWERED/HAND SHOWER WITH SINGLE SOURCE ARM, MAX FLOW 2.5GPM; SLIDE BAR KIT NOT PERMITTED |
| SH2 | ADA ROLL-IN SHOWER | STERLING | OC-S-63 | 63"x 39" ROLL-IN SHOWER WITH SEAT, GRAB BARS, MOEN POSI-TEMP MIXING VALVE & TRIM KIT; WITH ADA HAND-HELD SHOWER ASSEMBLY WITH SLIDE BAR (COORDINATE ROUGH-IN OPENING) |
| SK1 | GUESTROOM SINK - 16.5"x 16.5"x 5" | ELKAY | ECTRUAD151550 | WITH TWO HANDLED ZURN Z871C4-XL FAUCET |
| SK2 | DOUBLE COMPARTMENT SINK (33x22x7) | ELKAY | CR3322 | WITH TWO HANDLED ZURN Z871C4-XL FAUCET |
| SK3 | SINGLE COMPARTMENT SINK - FOOD PREP AREA | - | - | PROVIDED WITH FOOD SERVICE EQUIPMENT PACKAGE; PLUMBING CONTRACTOR TO INSTALL |
| SP1 | SUMP PUMP | ZOELLER | 153-0002 | 120V, 1/2 HP |
| TD1 | TRENCH DRAIN | JAY R SMITH | SQ-TD-0885 | FABRICATED 11-GAUGE 304 STAINLESS STEEL LINT TROUGH WITH LOOSE SET SS LIGHT DUTY BAR GRATE WITH 1" SPACING BETWEEN BARS; REMOVABLE FILTER SCREENS WITH 3/8" PERFORATED HOLES & 4" BOTTOM OUTLET WITH SS MESH COVER DOME BOTTOM STRAINER |
| TUB1 | ADA TRANSFER TUB - 60"x 30" | STERLING | 71240XXX-0 | VIKRELL TUB/SHOWER SURROUND WITH SEAT, GRAB BARS, MOEN POSI-TEMP MIXING VALVE & TRIM KIT, HANDHELD-SHOWER ASSEMBLY |
| WB1 | WASHER BOX | OATEY | 38529 | WASHER BOX W/ 1/4 TURN VALVES |
| WC1 | WATER CLOSET - TANK | AMERICAN STANDARD | 215AA.004 | WITH CHURCH 7200SLEC SEAT AND COVER, STAINLESS BRAIDED SUPPLY, AND 1/4 TURN SHUT-OFF. |
| WC2 | WATER CLOSET - ADA HEIGHT - BATTERY AUTO FLUSH VALVE | AMERICAN STANDARD | 3043.001 | WITH ZURN ZER6000AV-IS-WS1-CCP BATTERY FLUSH VALVE (1.6 GPM/FLUSH) AND CHURCH 9500SSCT SELF SUSTAINING SEAT |
| WCO1 | WALL CLEAN OUT | - | - | |
| WH1 | WATER HEATER - GAS | AO SMITH | BTH-199 | 199kBTU, 100 GALLON, WITH 'EXP1' |
| WSS1 | WATER SOFTENER SYSTEM | CULLIGAN | CTM-210 | TRIPLEX, 3", 155 GPM CONTINOUS, 217 GPM PEAK |
| YCO1 | YARD CLEAN OUT | ZURN | Z1400 | |
| YH1 | YARD HYDRANT | WOODFORD | Y34 | |
| | | | | |

**NOTES:**
1. VERIFY NECESSARY FIXTURES MEET ADA REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION.
2. VERIFY FIXTURE FINISHES WITH OWNER / ARCHITECT.
3. SUBMIT ALL PLUMBING FIXTURES FOR BRAND APPROVAL PRIOR TO PURCHASE & INSTALLATION


STATE OF MISSOURI
JAMES P. WATSON
NUMBER PE-2015017071
PROFESSIONAL ENGINEER

James Watson, P.E. June 14, 2024
PE-2015017071
MO Certificate of Authority # 2018029680

J-SQUARED ENGINEERING
2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com


| | |
|---|---|
| J2 PROJECT No: | J21005 |
| J2 DESIGN: | ACW |

| ISSUE TITLE | DATE |
|---|---|
| CITY SUBMISSION | 04 / 17 / 2024 |
| REVISION 1 - CITY RESPONSE | 05 / 17 / 2024 |
| 2 CITY & BRAND RESPONSE | 06 / 14 / 2024 |
| | |
| | |

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

# Home 2 Suites By Hilton

Village at Discovery Park Lot 2
Lee's Summit, MO

AHJ APPROVAL STAMP

SHEET TITLE

**PLUMBING SCHEDULES**

SHEET NUMBER

**P601**