TRAVEL DISTANCE SCHEDULE	
PATH ID	PER TABLE 1017.2 DISTANCE (FT) < 250'
T1	132
T2	140
T3	151
T4	163

ROOM MATRIX - 4TH FLOOR

Name	Count
GUEST ROOM - DBL QUEEN STUDIO	
DBL QUEEN STUDIO	3
DBL QUEEN STUDIO CONN	1
DBL QUEEN STUDIO LG	1
DBL QUEEN STUDIO LG CONN	1
6	
GUEST ROOM - KING STUDIO	
KING STUDIO	18
KING STUDIO CONN	3
KING STUDIO WIDE	1
22	
GUEST ROOM - KING SUITE	
KING SUITE	1
KING SUITE END UNIT	2
3	
31	

ROOM MATRIX - 3RD FLOOR

Name	Count
GUEST ROOM - ADA	
DBL QUEEN STUDIO ADA (TUB)	1
KING SUITE ADA (TUB)	1
2	
GUEST ROOM - DBL QUEEN STUDIO	
DBL QUEEN STUDIO	3
DBL QUEEN STUDIO CONN	1
DBL QUEEN STUDIO LG	1
5	
GUEST ROOM - KING STUDIO	
KING STUDIO	18
KING STUDIO CONN	3
KING STUDIO WIDE	1
22	
GUEST ROOM - KING SUITE	
KING SUITE END UNIT	2
2	
31	

ROOM MATRIX - 2ND FLOOR

Name	Count
GUEST ROOM - ADA	
DBL QUEEN STUDIO ADA (TUB)	1
KING STUDIO ADA (TUB)	1
KING SUITE ADA (TUB)	1
3	
GUEST ROOM - DBL QUEEN STUDIO	
DBL QUEEN STUDIO	3
DBL QUEEN STUDIO CONN	1
DBL QUEEN STUDIO LG	1
5	
GUEST ROOM - KING STUDIO	
KING STUDIO	18
KING STUDIO CONN	3
21	
GUEST ROOM - KING SUITE	
KING SUITE END UNIT	2
2	
31	

ROOM MATRIX - TOTAL

Name	Count
GUEST ROOM - ADA	
DBL QUEEN STUDIO ADA (TUB)	2
KING STUDIO ADA (R/S)	1
KING STUDIO ADA (TUB)	1
KING SUITE ADA (R/S)	1
KING SUITE ADA (TUB)	2
7	
GUEST ROOM - DBL QUEEN STUDIO	
DBL QUEEN STUDIO	9
DBL QUEEN STUDIO CONN	3
DBL QUEEN STUDIO LG	3
DBL QUEEN STUDIO LG CONN	1
16	
GUEST ROOM - KING STUDIO	
KING STUDIO	63
KING STUDIO CONN	10
KING STUDIO WIDE	2
75	
GUEST ROOM - KING SUITE	
KING SUITE	1
KING SUITE END UNIT	8
9	
197	

ADA ROOM SCHEDULE

INDICATES ADA ACCESSIBLE GUESTROOMS

LEVEL 1 = 2 LEVEL 2 = 3
LEVEL 3 = 2 LEVEL 4 = 0*

PER 2015 NCBC TABLE 1107.6.1.1:
TOTAL = (7) REQUIRED, (7) PROVIDED
(2) ROLL-IN SHOWERS REQUIRED, (2) PROVIDED

INDICATES COMMUNICATION FEATURES

LEVEL 1 = 2 LEVEL 2 = 5
LEVEL 3 = 5 LEVEL 4 = 0*

PER ADA 2010 TABLE 224.4
TOTAL = (12) REQUIRED, (12) PROVIDED

* PER 1009.2.1: IN BUILDINGS WHERE A REQUIRED ACCESSIBLE FLOOR IS FOUR OR MORE STORIES ABOVE OR BELOW A LEVEL OF EXIT DISCHARGE, NOT LESS THAN ONE REQUIRED ACCESSIBLE MEANS OF EGRESS SHALL BE AN ELEVATOR COMPLYING WITH SECTION 1009.4. ADA ROOMS ARE DISTRIBUTED ON FLOORS 1-3 ONLY; THEREFORE, SECTION 1009.2.1 AND 1009.4 IS NOT REQUIRED.

PER 3006.3.1, 708, 716.5.3, 717.5.4.1: AN ENCLOSED ELEVATOR LOBBY SHALL BE PROVIDED AT EACH FLOOR WHERE AN ELEVATOR SHAFT ENCLOSURE CONNECTS MORE THAN 3-STORIES. THE LOBBY ENCLOSURE SHALL BE SEPARATED BY 1-HR FIRE PARTITIONS AND DOORS SHALL BE RATED 1/3-HR AS REQUIRED FOR CORRIDOR WALLS.

ADA & HEARING IMPAIRED ROOMS: SYMBOLS DEPICTING ADA & HEARING IMPAIRED ROOMS SHOWN ON THIS PLAN ARE FOR THE 2ND FLOOR ONLY. REFER TO THE OVERALL FLOOR PLANS AND ROOM DISTRIBUTION MATRIX FOR LOCATIONS ON 1ST AND 2ND FLOOR (TYP.)

PER TABLE 601: FOR TYPE "VA" CONSTRUCTION, PRIMARY STRUCTURAL FRAME IS RATED 1-HR (TYP.). ALL STEEL TUBE COLUMNS TO BE RATED 1-HR PER UL DESIGN DETAIL XS28 (TYP.) AT COLUMN ENCLOSED IN WALL ENCLOSURES. SEE FIRE RATING TAG AND PLAN DETAILS (TYP.)

PER TABLE 1020.1: CORRIDORS IN SPRINKLERED "R" OCCUPANCY WITH GREATER THAN 10 OCCUPANTS ARE REQUIRED TO BE RATED 1/2-HR. NON-LOAD BEARING WALLS ARE 1/2-HR REQUIRED, 1-HR PROVIDED (TYP.)

PER 713.13.3: REFUSE AND LAUNDRY CHUTES ACCESS ROOMS SHALL BE SEPARATED BY 1-HR RATED CONSTRUCTION. DOORS SHALL BE RATED 3/4-HR.

PER 713.4: SHAFT ENCLOSURES CONNECTING 4-STORIES OR MORE SHALL BE RATED 2-HR (TYP.)

ELECTRICAL ROOM DOOR NOTE: DOOR TO SWING OUT WITH PANIC HARDWARE ON THE 3RD FLOOR. DOOR SWINGS THE 2ND AND 4TH FLOOR WITH NO PANIC HARDWARE REQUIRED.

PER 420.3 & 711.2.4.3: FLOORS/CEILINGS SEPARATING SLEEPING UNITS SHALL BE RATED 1-HR (TYP.)

PER 420.2, 708.1, & 708.3: WALLS SEPARATING SLEEPING UNITS SHALL BE RATED 1-HR (TYP.)

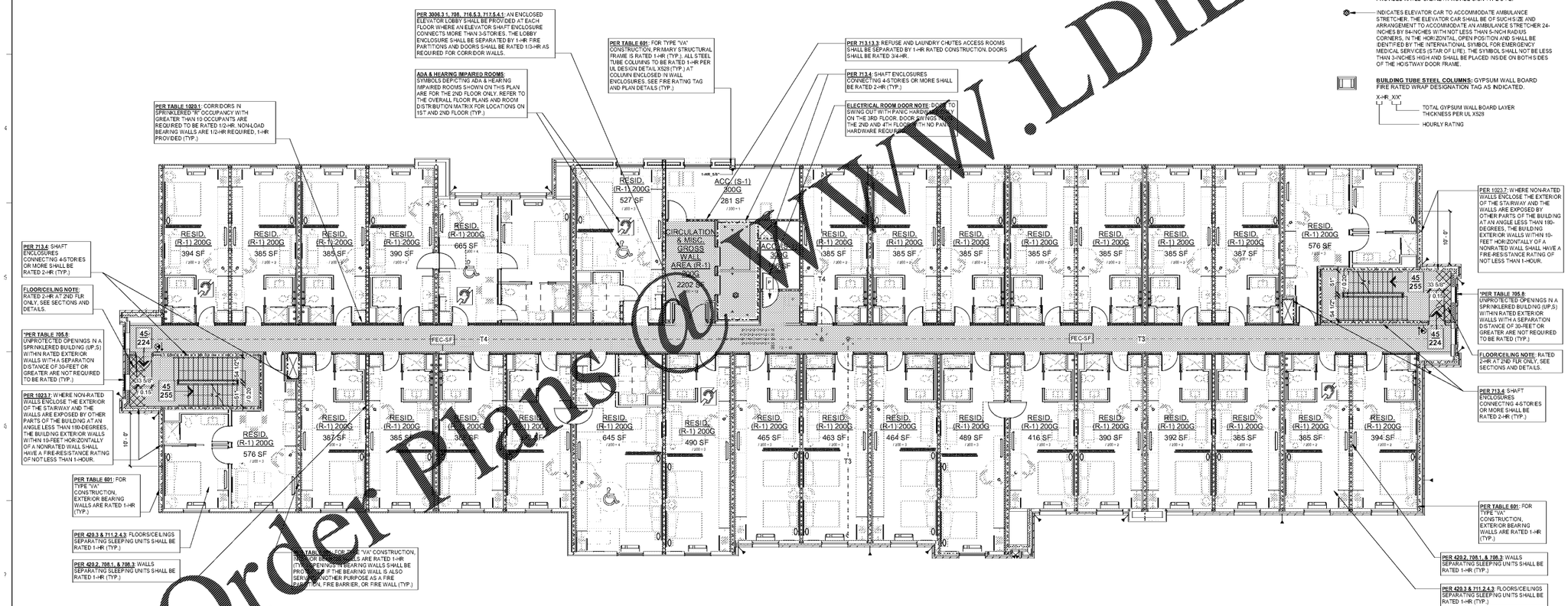
PER TABLE 601: FOR TYPE "VA" CONSTRUCTION, EXTERIOR BEARING WALLS ARE RATED 1-HR (TYP.). OPENINGS IN BEARING WALLS SHALL BE PROTECTED IF THE BEARING WALL IS ALSO SERVING ANOTHER PURPOSE AS A FIRE SEPARATION, FIRE BARRIER, OR FIRE WALL (TYP.)

PER 713.4: SHAFT ENCLOSURES CONNECTING 4-STORIES OR MORE SHALL BE RATED 2-HR (TYP.)

FLOOR/CEILING NOTE: RATED 2-HR AT 2ND FLR ONLY, SEE SECTIONS AND DETAILS.

***PER TABLE 705.8:** UNPROTECTED OPENINGS IN A SPRINKLERED BUILDING (UP,S) WITHIN RATED EXTERIOR WALLS WITH A SEPARATION DISTANCE OF 30-FEET OR GREATER ARE NOT REQUIRED TO BE RATED (TYP.)

PER 1023.7: WHERE NON-RATED WALLS ENCLOSE THE EXTERIOR OF THE STAIRWAY AND THE WALLS ARE EXPOSED BY OTHER PARTS OF THE BUILDING AT AN ANGLE LESS THAN 180-DEGREES, THE BUILDING EXTERIOR WALLS WITHIN 10-FEET HORIZONTALLY OF A NONRATED WALL SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1-HOUR.



PER 1023.7: WHERE NON-RATED WALLS ENCLOSE THE EXTERIOR OF THE STAIRWAY AND THE WALLS ARE EXPOSED BY OTHER PARTS OF THE BUILDING AT AN ANGLE LESS THAN 180-DEGREES, THE BUILDING EXTERIOR WALLS WITHIN 10-FEET HORIZONTALLY OF A NONRATED WALL SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1-HOUR.

***PER TABLE 705.8:** UNPROTECTED OPENINGS IN A SPRINKLERED BUILDING (UP,S) WITHIN RATED EXTERIOR WALLS WITH A SEPARATION DISTANCE OF 30-FEET OR GREATER ARE NOT REQUIRED TO BE RATED (TYP.)

FLOOR/CEILING NOTE: RATED 2-HR AT 2ND FLR ONLY, SEE SECTIONS AND DETAILS.

PER 713.4: SHAFT ENCLOSURES CONNECTING 4-STORIES OR MORE SHALL BE RATED 2-HR (TYP.)

PER TABLE 601: FOR TYPE "VA" CONSTRUCTION, EXTERIOR BEARING WALLS ARE RATED 1-HR (TYP.)

PER 420.2, 708.1, & 708.3: WALLS SEPARATING SLEEPING UNITS SHALL BE RATED 1-HR (TYP.)

PER 420.3 & 711.2.4.3: FLOORS/CEILINGS SEPARATING SLEEPING UNITS SHALL BE RATED 1-HR (TYP.)

1 UPPER FLOORS LIFE SAFETY PLAN

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

LIFE SAFETY LEGEND:

- SMOKE PARTITION, NO HOURLY RATING REQUIRED, OPENINGS REQUIRE PROTECTION: DOORS PER TABLE 716.5 AND WINDOWS PER TABLE 716.6.
- 1/2 HR RATED FIRE PARTITION REQUIRED, 1 HR PROVIDED, OPENINGS REQUIRE PROTECTION: DOORS PER TABLE 716.5 AND WINDOWS PER TABLE 716.6.
- 1 HR RATED FIRE BARRIER, OPENINGS REQUIRE PROTECTION: DOORS PER TABLE 716.5 AND WINDOWS PER TABLE 716.6.
- 1 HR RATED FIRE RATED STRUCTURE ONLY, OPENINGS DO NOT REQUIRE PROTECTION PER TABLE 705.8 AT EXTERIOR WALLS AND 602.1 WHICH STATES, "THE PROTECTION OF OPENINGS, DUCTS, AND AIR TRANSFER OPENINGS IN BUILDING ELEMENTS SHALL NOT BE REQUIRED UNLESS REQUIRED BY OTHER PROVISIONS OF THE CODE." OPENINGS IN BEARING WALLS SHALL BE PROTECTED IF THE BEARING WALL IS ALSO SERVING ANOTHER PURPOSE AS A FIRE PARTITION, FIRE BARRIER, OR FIRE WALL.
- 2 HR RATED FIRE BARRIER, OPENINGS REQUIRE PROTECTION: DOORS PER TABLE 716.5 AND WINDOWS PER TABLE 716.6.

NOTE: STENCIL THE FOLLOWING NOTE AT THE PLENUM SPACE ON BOTH SIDES OF THE RATED FIRE PARTITIONS, FIRE BARRIERS, AND FIRE WALLS WITH PERMANENT PAINT: "__-HR, PROTECT ALL OPENINGS BOTH SIDES OF WALL" NOTE SHOULD BE LOCATED AS NECESSARY FOR CLEAR VISIBILITY AND WITHIN 15 FEET OF THE ENDS OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION WITH 3-INCH HIGH LETTERS AND 1/2-INCH MINIMUM STROKES. BLANK WITH 1/2, 1, OR 2 AS INDICATED BY LIFE SAFETY PLANS.

- TRAVEL DISTANCE, SEE TABLE BELOW FOR TOTAL DISTANCES
- DIRECTION OF EGRESS
- XX" / XXX — NUMBER OF OCCUPANTS, "P" SUFFIX INDICATES "PANIC HARDWARE" REQUIRED PER SCHEDULE
- MAXIMUM NUMBER OF EGRESS OCCUPANTS PER EGRESS:

SPRINKLERED BUILDINGS:
0.15 INCH PER WIDTH OF DOOR EGRESS COMPONENT
0.2 INCH PER WIDTH AT STAIR COMPONENT

NON-SPRINKLERED AREAS:
0.2 INCH PER WIDTH OF DOOR EGRESS COMPONENT
0.3 INCH PER WIDTH AT STAIR COMPONENT

- SPECIAL CONDITION DOORS REQUIRING "PANIC HARDWARE".
- EXIT SIGN. SHADED AREA INDICATES VIEWABLE DIRECTION AND ARROW. IF SHOWN, INDICATES ADDITIONAL DIRECTIONAL SIGNAGE REQUIREMENT. FOR EACH EXIT SIGN REQUIRED, PROVIDE ONE SIGN AT THE CEILING OR MOUNTED HIGH ON THE WALL 84" A.F.F. MIN. AND ONE SIGN DOWN LOW BETWEEN 10" AND 12" A.F.F. FLUSH-MOUNTED AND WITHIN 4" OF LATCH SIDE OF DOOR.
- FEC-SF — FIRE EXTINGUISHER CABINET, SEMI-RECESSED 1/2-HR, 1-HR PROVIDED RATED CABINET. PROVIDE SIGN TYPE S-FE.
- INDICATES ELEVATOR CAR TO ACCOMMODATE AMBULANCE STRETCHER. THE ELEVATOR CAR SHALL BE OF SUCH SIZE AND ARRANGEMENT TO ACCOMMODATE AN AMBULANCE STRETCHER 24-INCHES BY 84-INCHES WITH NOT LESS THAN 5-INCH RADIUS CORNERS. IN THE HORIZONTAL, OPEN POSITION AND SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES (STAR OF LIFE). THE SYMBOL SHALL NOT BE LESS THAN 3-INCHES HIGH AND SHALL BE PLACED INSIDE ON BOTH SIDES OF THE HOISTWAY DOOR FRAME.

BUILDING TUBE STEEL COLUMNS: GYPSUM WALL BOARD FIRE RATED WRAP DESIGNATION TAG AS INDICATED.

X-HR_XX"
- TOTAL GYPSUM WALL BOARD LAYER THICKNESS PER UL XS28
- HOURLY RATING

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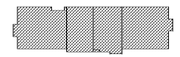
KEY PLAN



Revisions		
#	Date	Description

Project Number: 18021
Issued for: CONSTRUCTION
Issue Date: 2019-06-07

DRAWING TITLE
LIFE SAFETY PLAN - UPPER FLOORS

SHEET NUMBER
G.102

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