

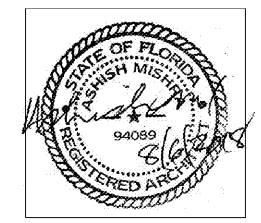
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REVISIONS		
No.	Date	Description

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KEY PLAN

VTM Hotels, LLC

Home2Suites

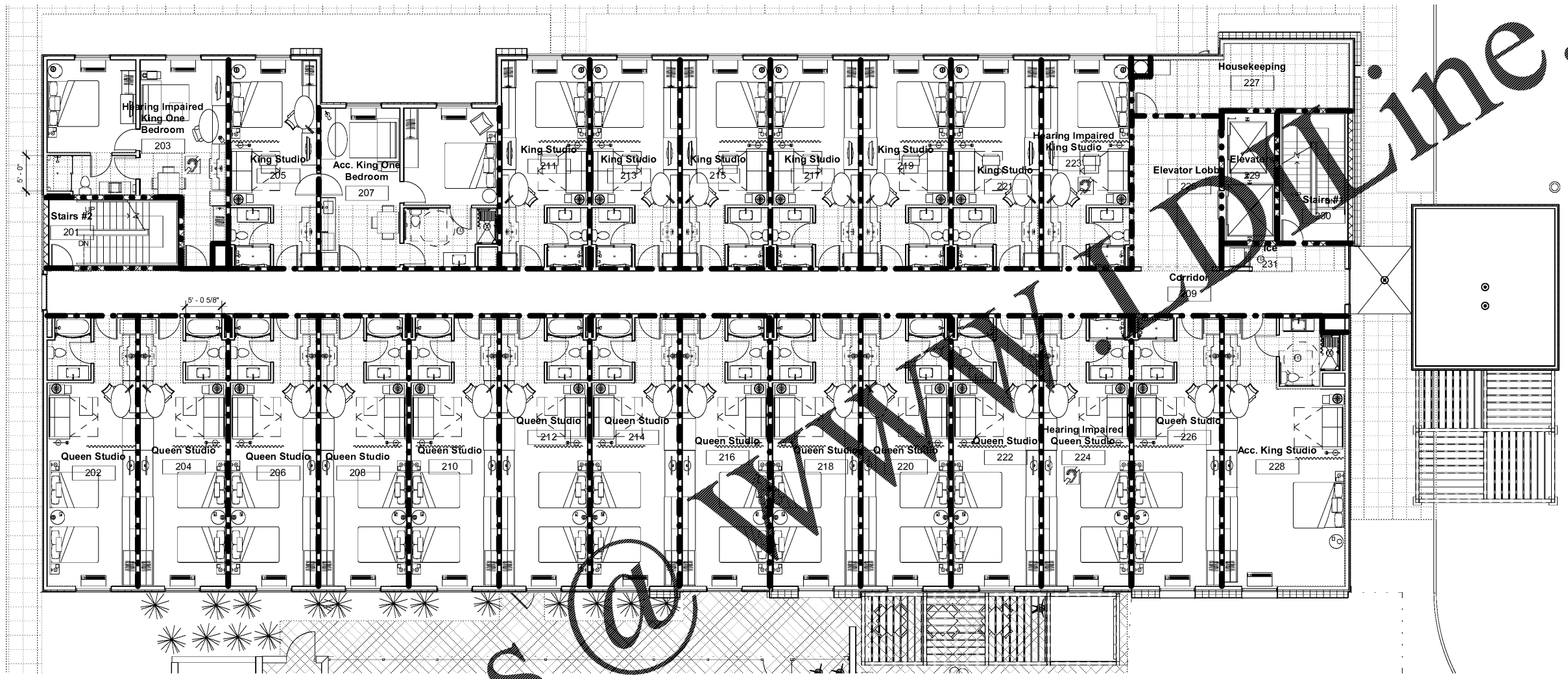
2630 Wilde Lake Blvd.
 Pensacola, FL 32526

Drawing Title
Second Floor Firewall Plan

Phase
 Construction Documents

Project No.	17-101	Sheet No.	A802
Prepared by	Author	Checked by	Checker
Date	Aug 06, 2018		

Review



OCCUPANT LOAD CALCULATIONS

Level	Space	Area Sq. Ft.	Occupancy Classification	Area/Occupant	Occupant Load
1ST	DINING	1,914	A-2	15	128
1ST	FITNESS/LOBBY OTHER ASSEMBLY	2,090	A-3	50	42
1ST	STORAGE/MECH.	1,098	S-2	300	4
1ST	LAUNDRY	435	S-2	100	4
1ST	OFFICE	1,098	F-1	100	4
1ST	RESTROOM	1,098	F-1	100	2
1ST	RESIDENTIAL	7,257	R-1	200	36
2ND	RESIDENTIAL	13,357	R-1	200	67
2ND	STORAGE/MECH.	1,098	S-2	300	1
3RD	RESIDENTIAL	13,357	R-1	200	67
3RD	STORAGE	248	S-2	300	1
4TH	RESIDENTIAL	13,357	R-1	200	67
4TH	STORAGE	248	S-2	300	1

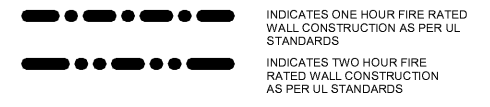
FIRST FLOOR OCCUPANT LOAD: 220
 SECOND FLOOR OCCUPANT LOAD: 68
 THIRD FLOOR OCCUPANT LOAD: 68
 FOURTH FLOOR OCCUPANT LOAD: 68
 TOTAL OCCUPANT LOAD ALL FLOORS: 423

① Level 2 Firewall Plan
 1/8" = 1'-0"

FIRE PROTECTION FEATURES:

STRUCTURAL ELEMENT	FIRE RATING REQD.	FIRE RATING PROVIDED
- STRUCTURAL FRAMING	1 HOUR	1 HOUR (UL X526)
- BEARING WALLS EXTERIOR	1 HOUR	1 HOUR (UL U356)
- BEARING WALLS INTERIOR	1 HOUR	1 HOUR (UL U337)
- FLOOR CONSTRUCTION	1 HOUR	1 HOUR (ER-3433; ESR 1153))
- ROOF CONSTRUCTION	1 HOUR	1 HOUR (P522)
FIRE BARRIER	FIRE RATING REQD.	FIRE RATING PROVIDED
- STAIR WALLS	2 HOUR	2 HOURS (UL U914,U906,U902)
- ELEVATOR SHAFT	2 HOUR	2 HOURS (UL U914,U906,U902)
FIRE PARTITION	FIRE RATING REQD.	FIRE RATING PROVIDED
- CORRIDOR	1 HOUR	1 HOUR (UL U337)
- GUESTROOM SEPARATION	1 HOUR	1 HOUR (UL U311)

FIRE WALL LEGEND



NOTE:
 1. ALL FIRE-RATED WALLS TO EXTEND TO STRUCTURE ABOVE AS PER FIRECODE.
 ALL OPENINGS NEED TO MEET REQUIREMENTS.
 2. ALL TOILET EXHAUST CHASE TO BE TWO-HOUR FIRE RATED WITH FIRE DAMPER AS PER CODE.
 3. ALL MECHANICAL ROOMS, ELEVATOR EQUIPMENT ROOM TO BE TWO-HOUR FIRE RATED AS PER CODE.

Order Plans