

**Wipe Sample Maps**  
**23 Business Park Drive**  
**NRC license number: 06-30480-01**

Wipes performed 22 February and 24  
February 2013

Square footage of floor space calculated using available  
floor plans with scale of 1/8 inch equaling 1 foot.

# Methodology

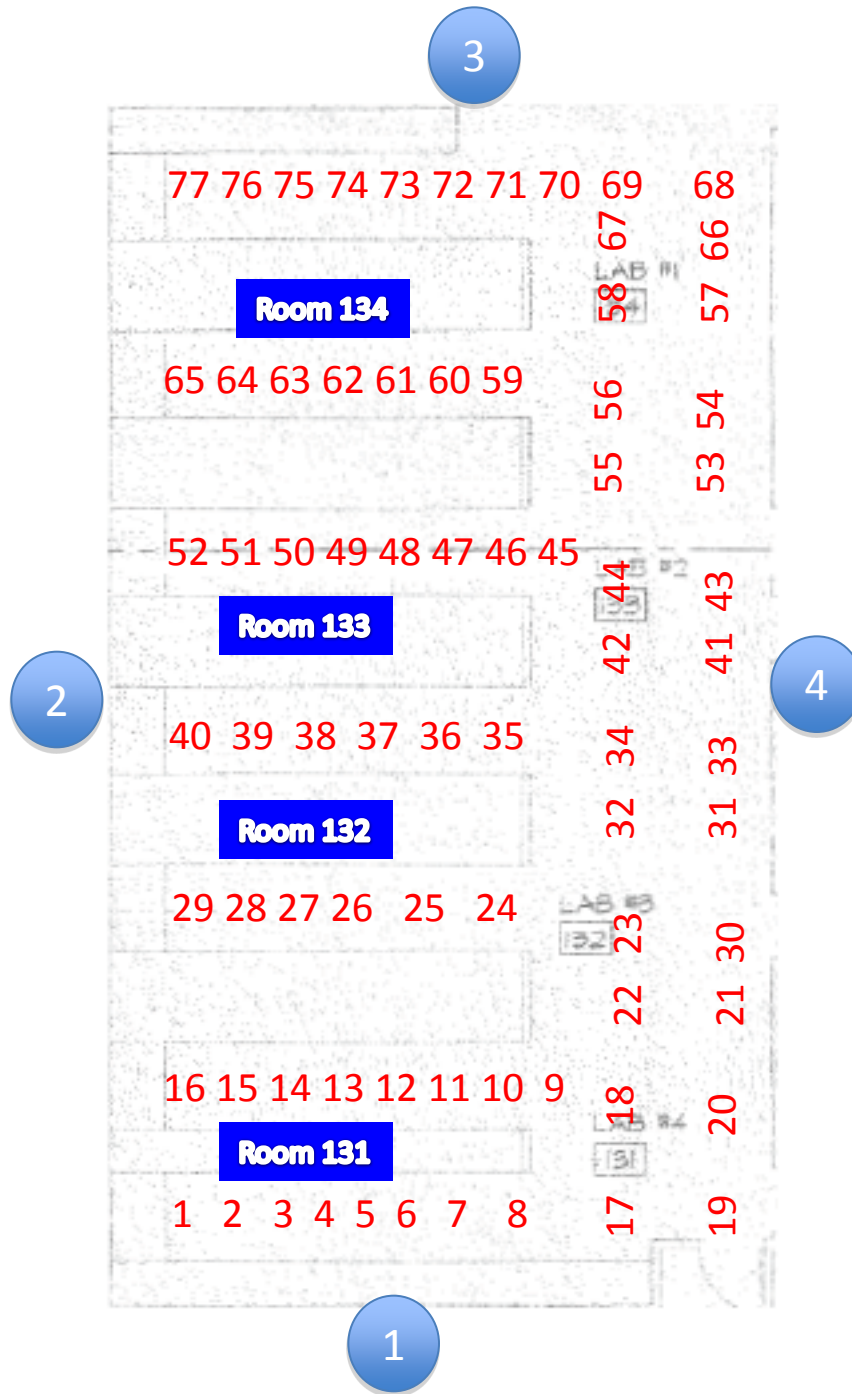
- Although the RSO and Management Representative believe to their best of their knowledge that isotopes were never used in rooms 131-134, room 174, room 427, room 309, room 310, RW2, and room 322, we proceeded with wipe sampling as though isotopes may have been used in these rooms. Under the simple survey plan group 2 in NUREG 1757, one wipe comprising 100 cm<sup>2</sup> per 300 ft<sup>2</sup> is required, or a sample size:survey area ratio of 0.00035\*. This standard would have yielded no more than one wipe of ~15 square inches per room, since most of the rooms were under 300 sq ft, except for rooms 131-134 and room 427. We felt a more rigorous approach would be more conservative. Our sample size:survey area ratio for floor spaces was considerably larger, covering more square inches/square feet per survey area than required.
- Wipes of floor surfaces were performed using a 3' x 3' template. Wall wipes were performed in 3' x 7' sections, where feasible and not impeded by book shelves and other obstacles. Any areas outside of the 3' x 3' perimeter, e.g., 6-8 inches either side of the template, were included in the wipe sampling.
- Having performed the wipes to these standards, the RSO and Management Representative are confident that 95% of all accessible areas in question was surveyed.

\*100 cm<sup>2</sup> = ~15 in<sup>2</sup> = 0.107 ft<sup>2</sup> for a sample size. 0.107 as ratio of 300 ft<sup>2</sup> = 0.00035

# Rooms 131-134

1,150 sq ft floor space

Avg sq ft/wipe: 14.9

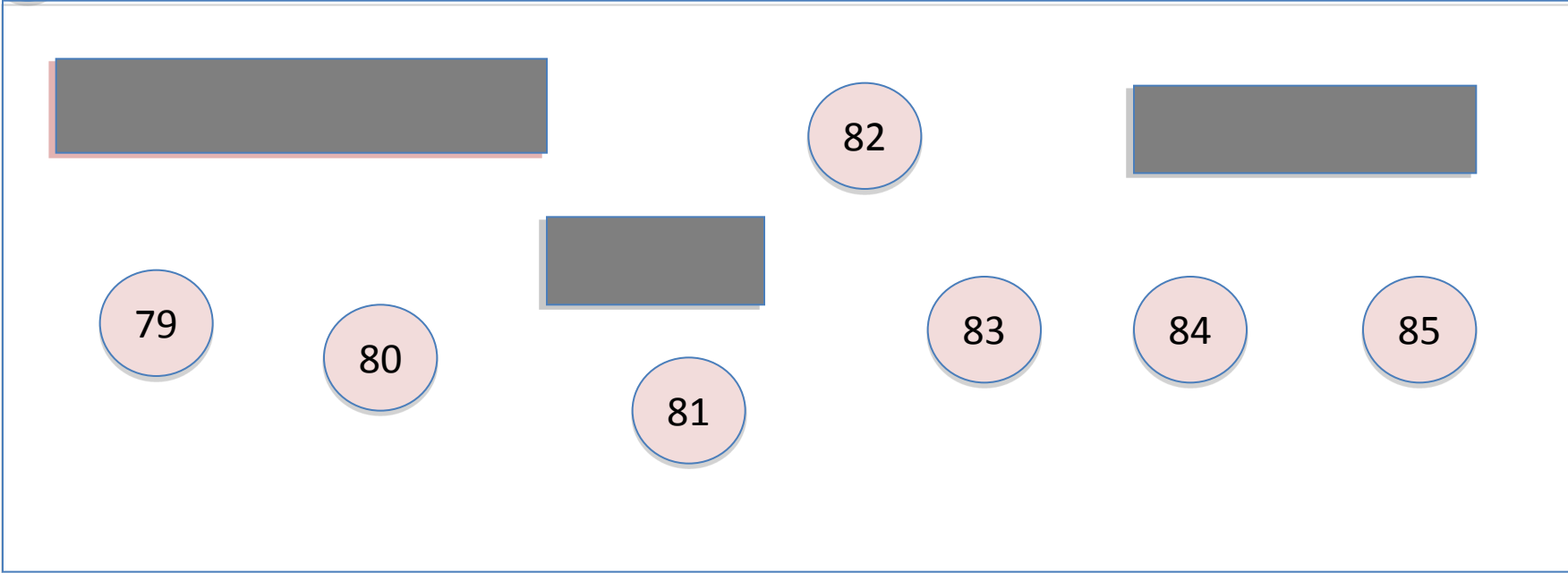


n = walls

Rooms 131-134

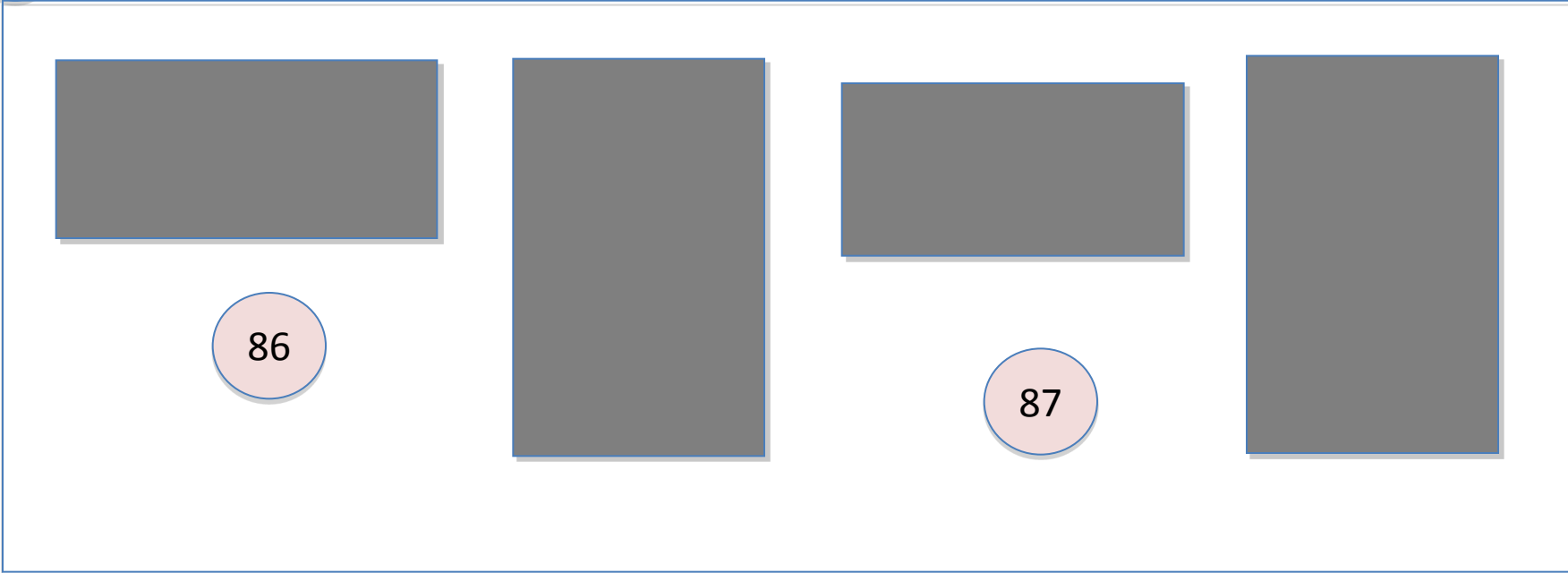
Walls 1-4

1



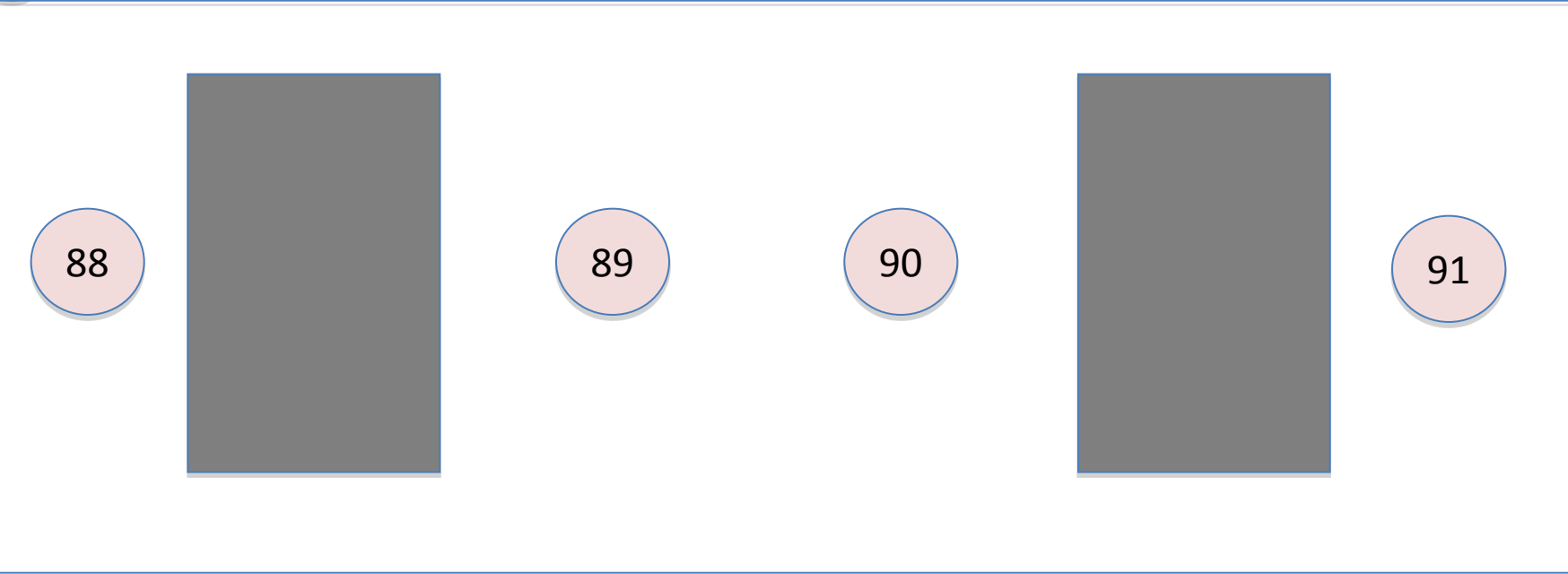
Rooms 131-134

2



Rooms 131-134

2



Rooms 131-134

2



92

93

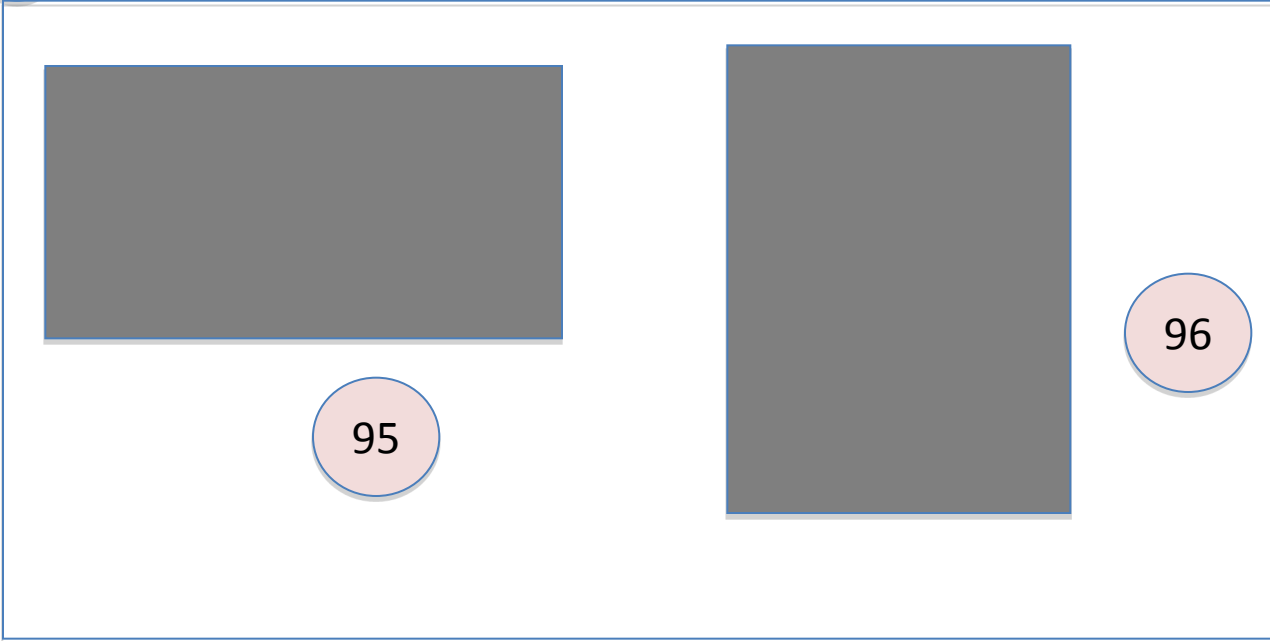


94



Rooms 131-134

2





Rooms 131-134

3



97



98



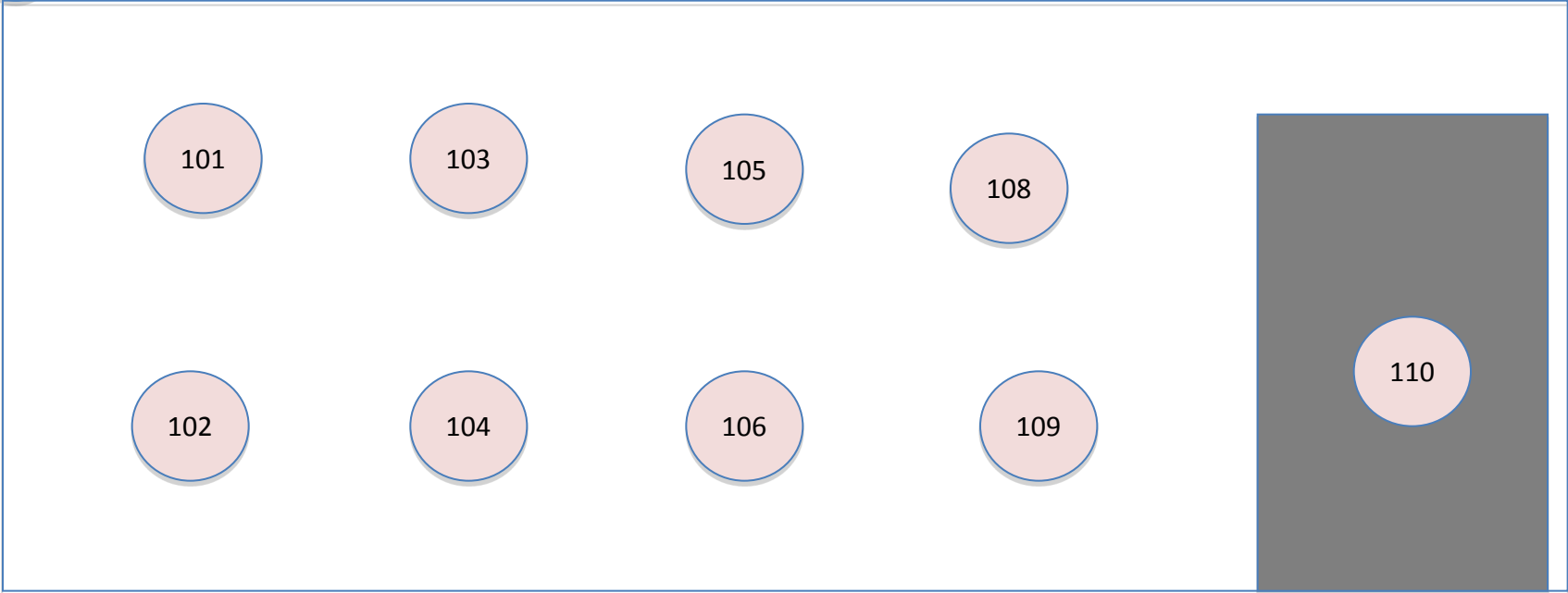
99



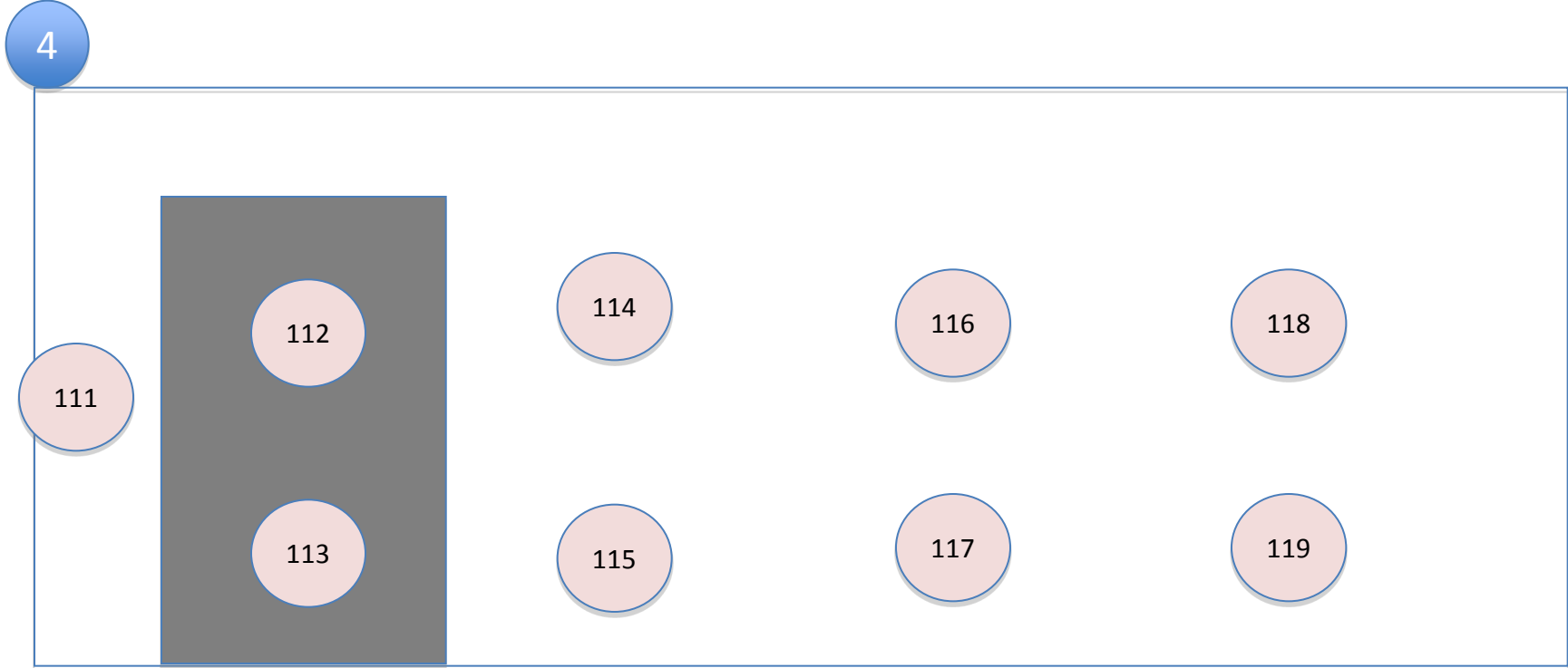
100

# Rooms 131-134

4

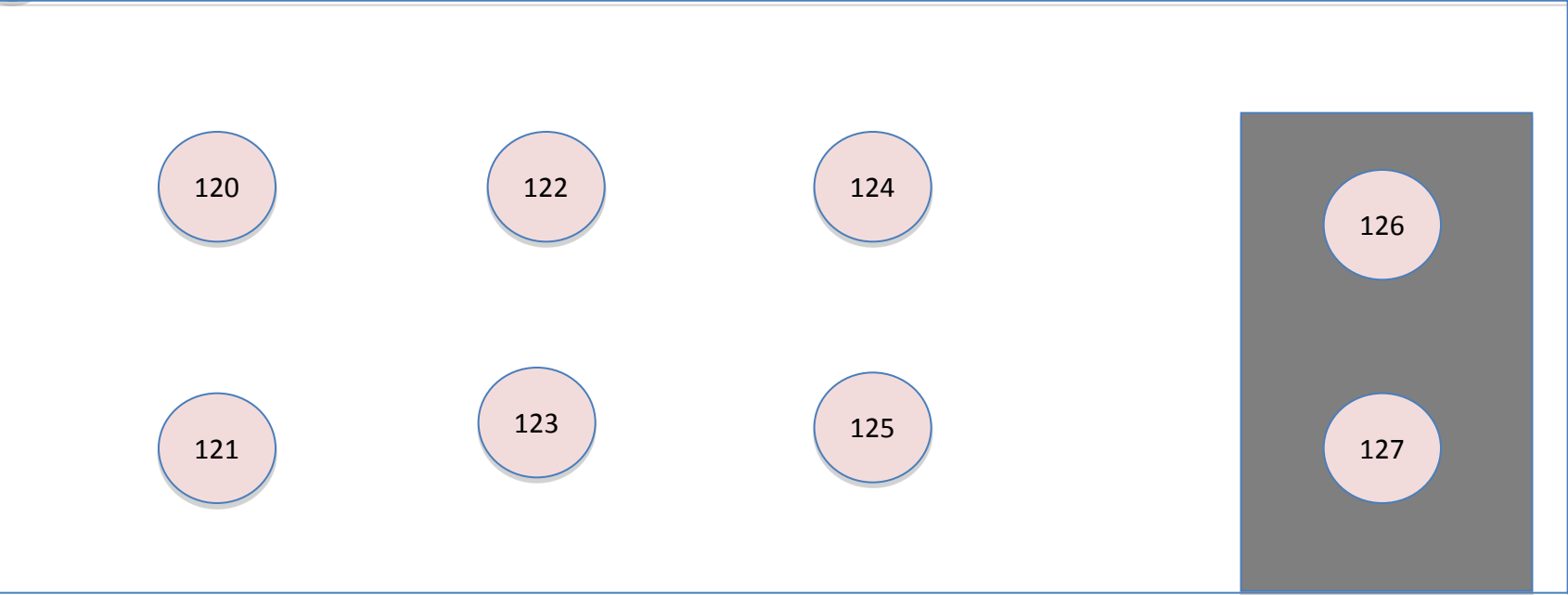


Rooms 131-134



# Rooms 131-134

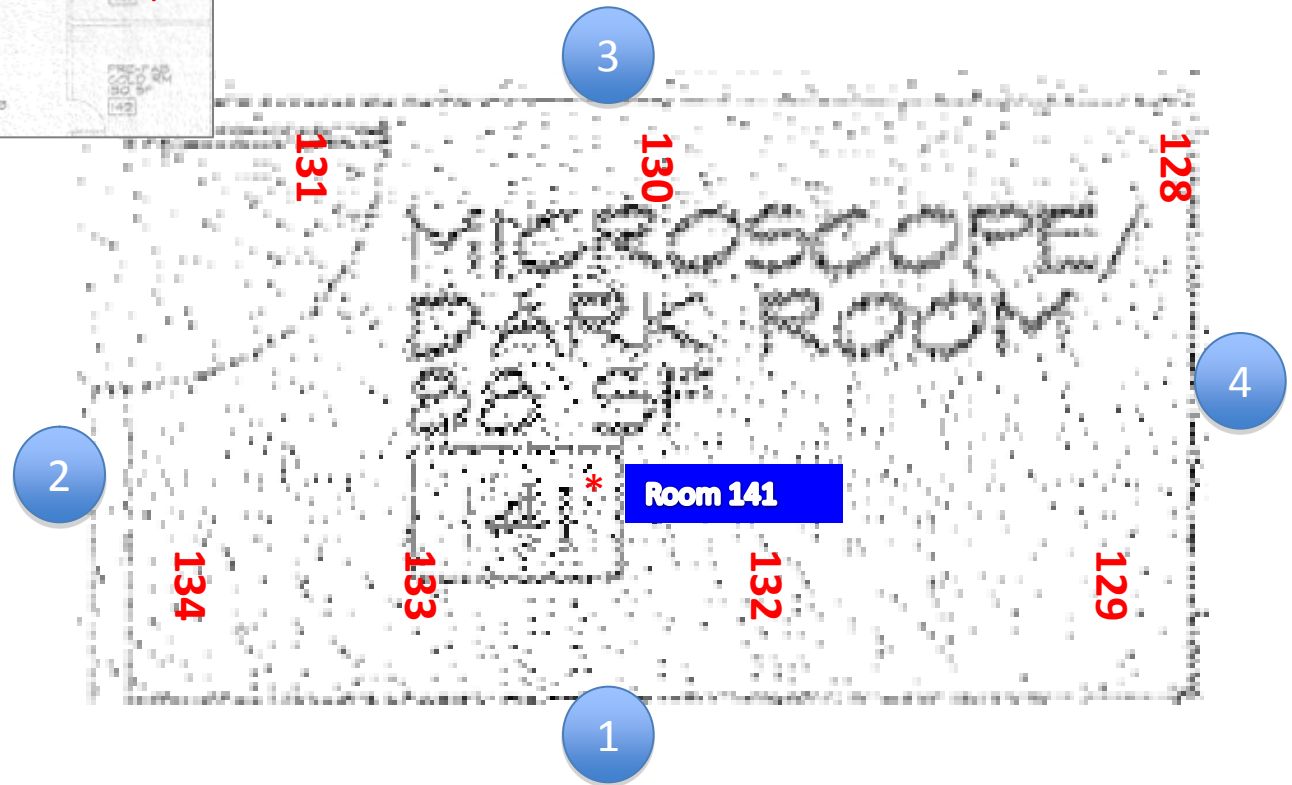
4



# Room 141

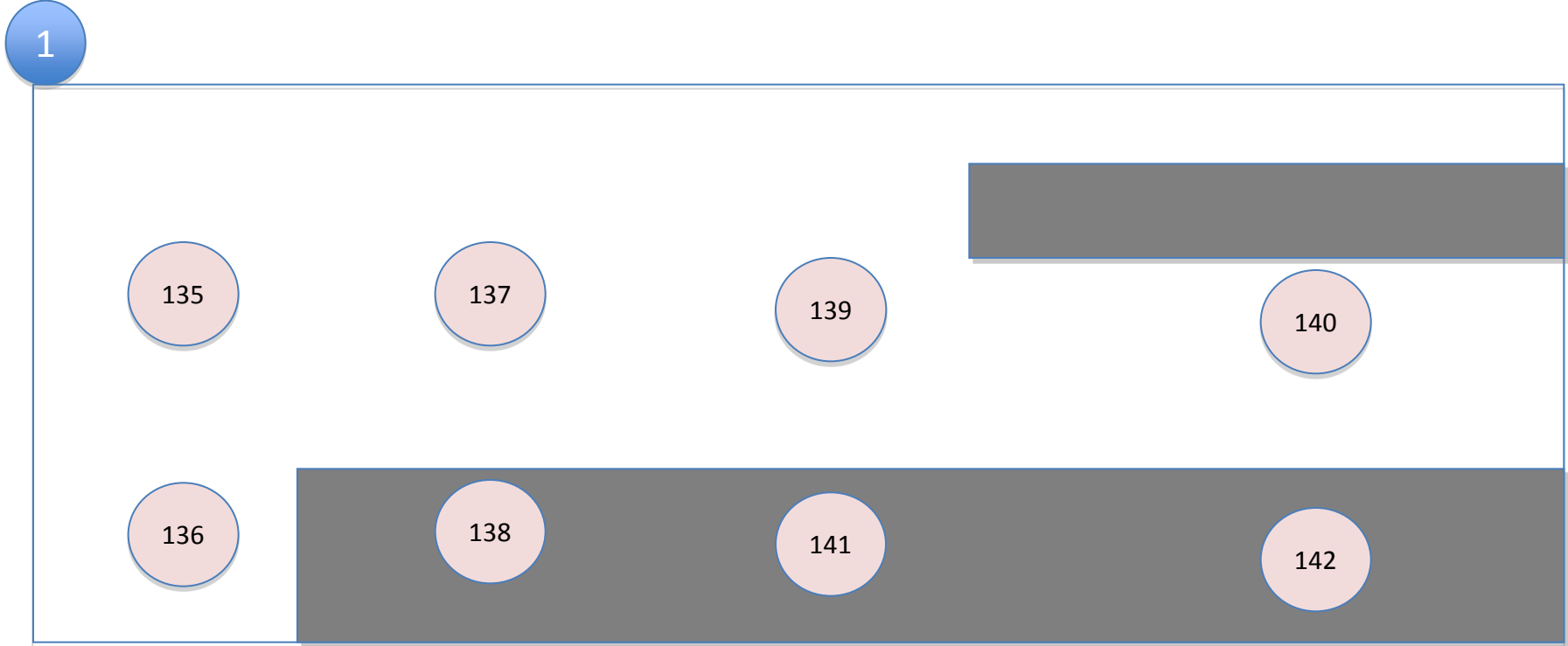
88 sq ft floor space

Avg sq ft/wipe: 12.6



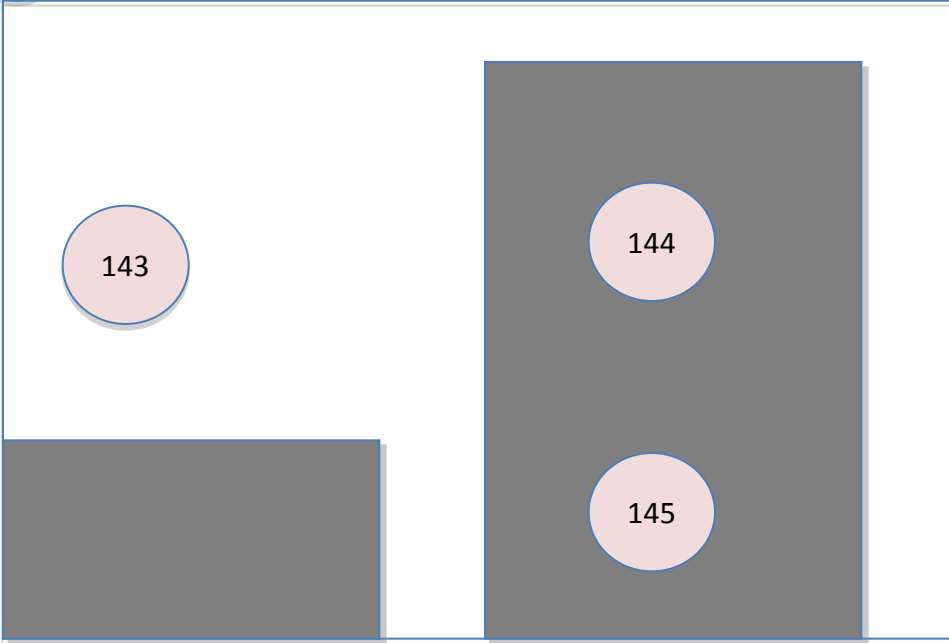
n = walls

Room 141  
Walls 1-4



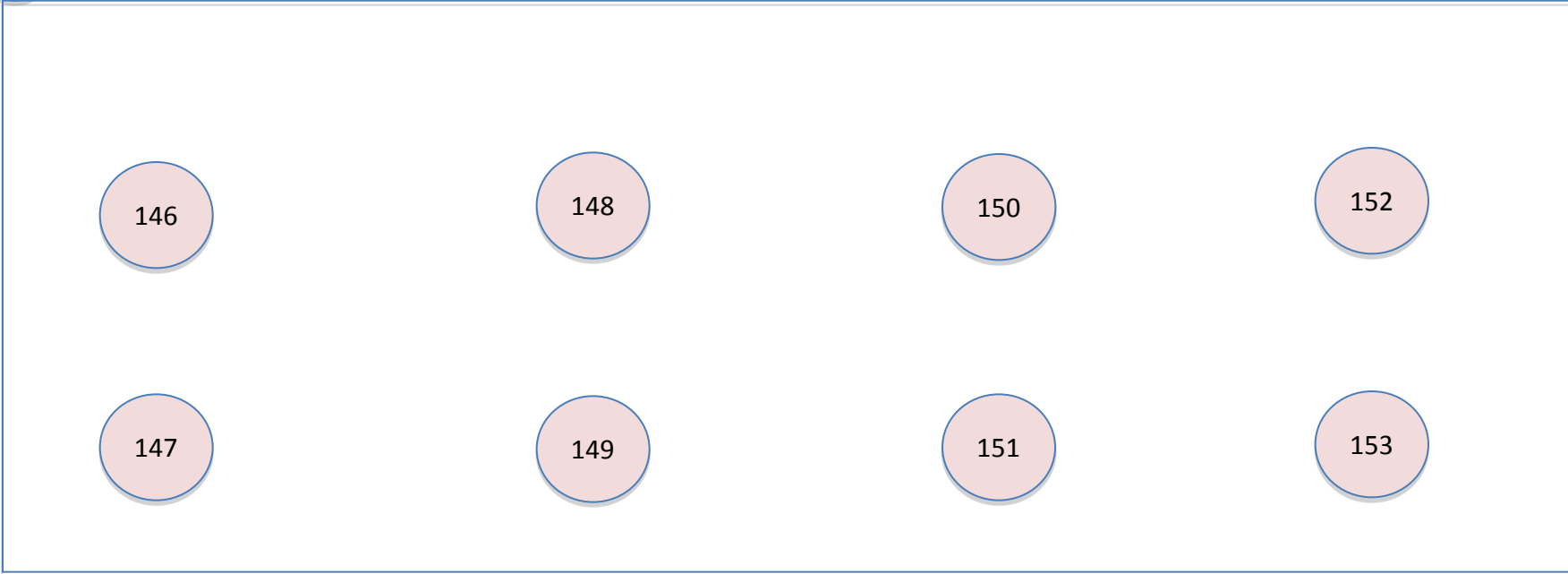
Room 141

2



Room 141

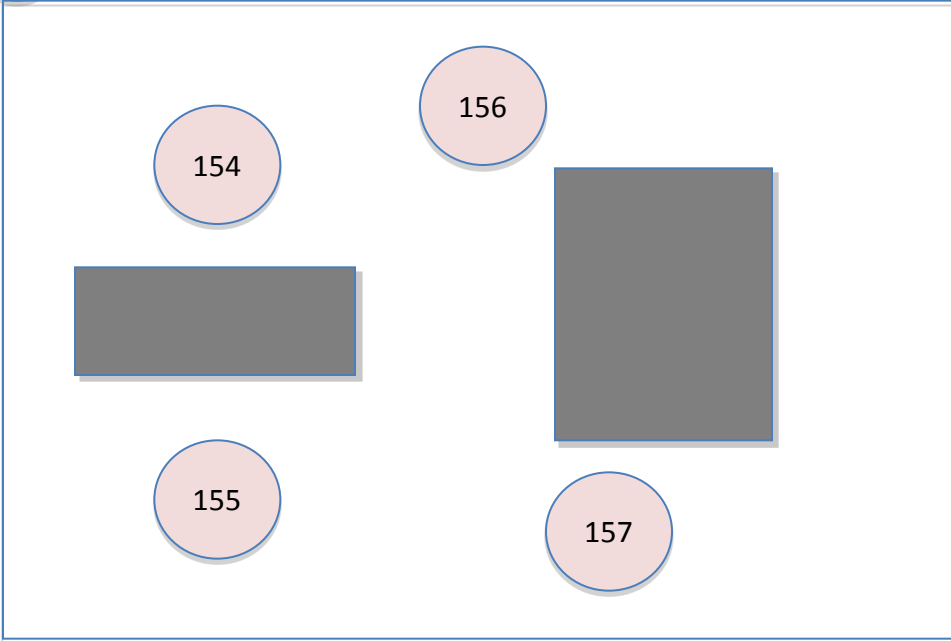
3





Room 141

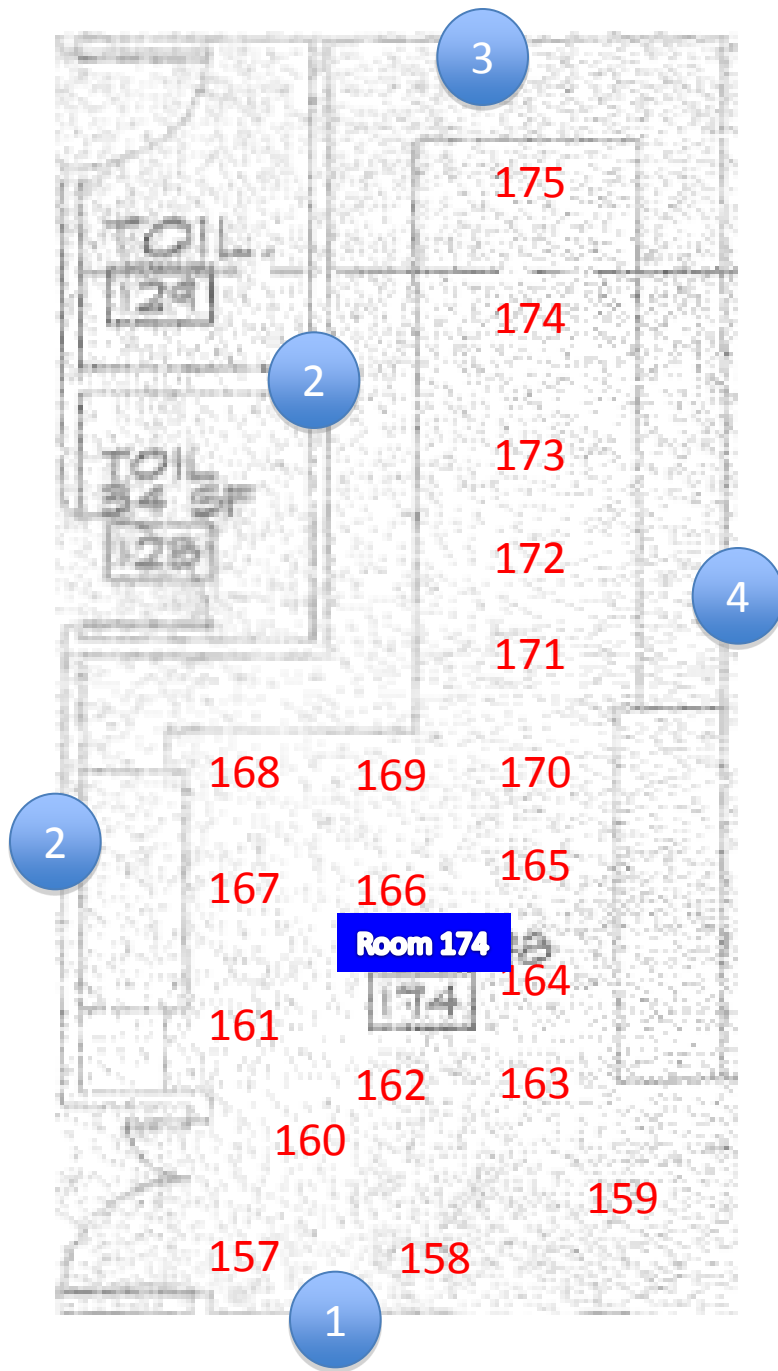
4



# Room 174

240 sq ft floor space

Avg sq ft/wipe: 12.6

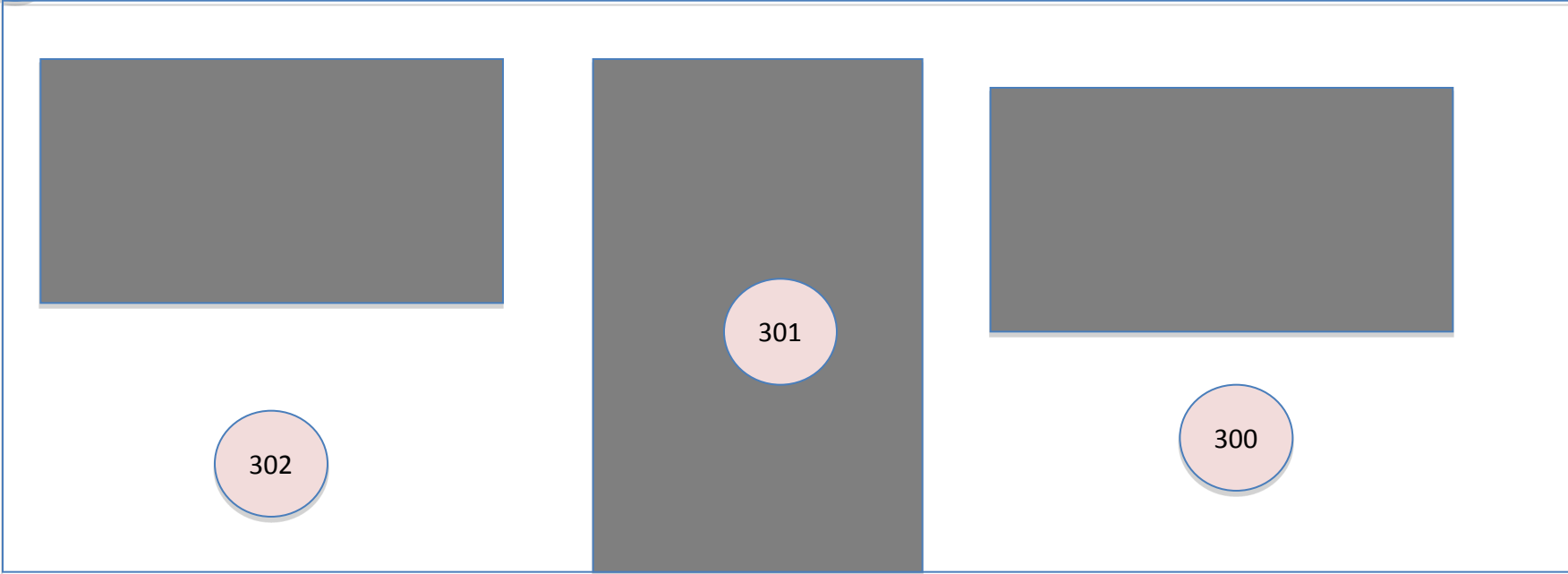


**n** = walls

Room 174

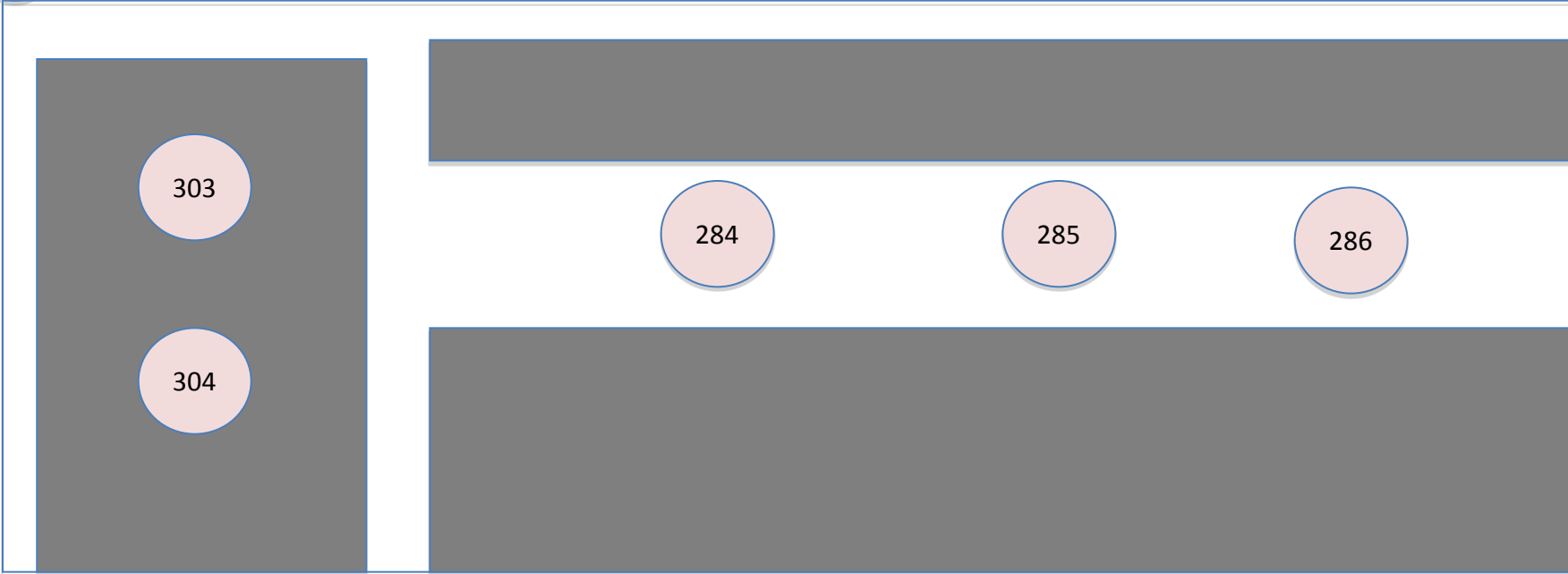
Walls 1-4

1



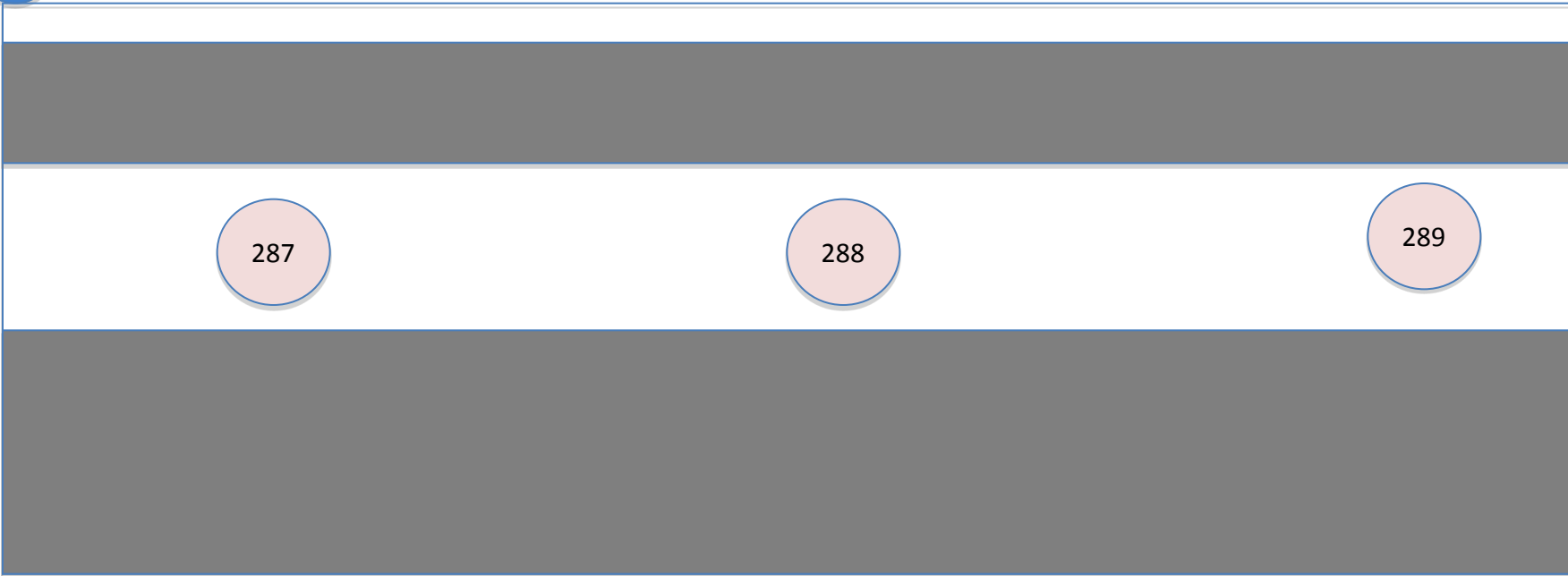
Room 174

2



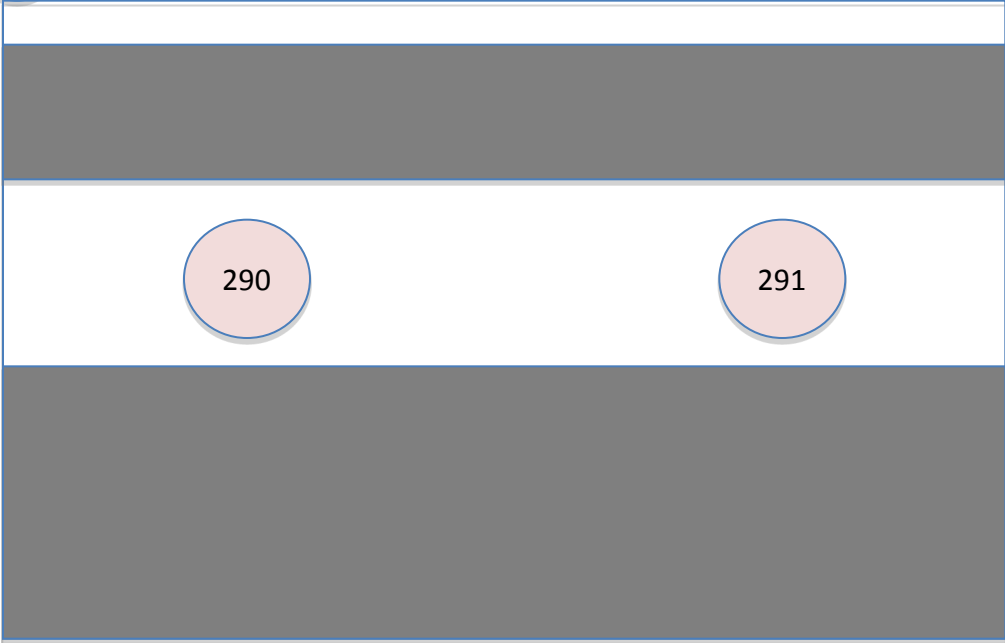
Room 174

2



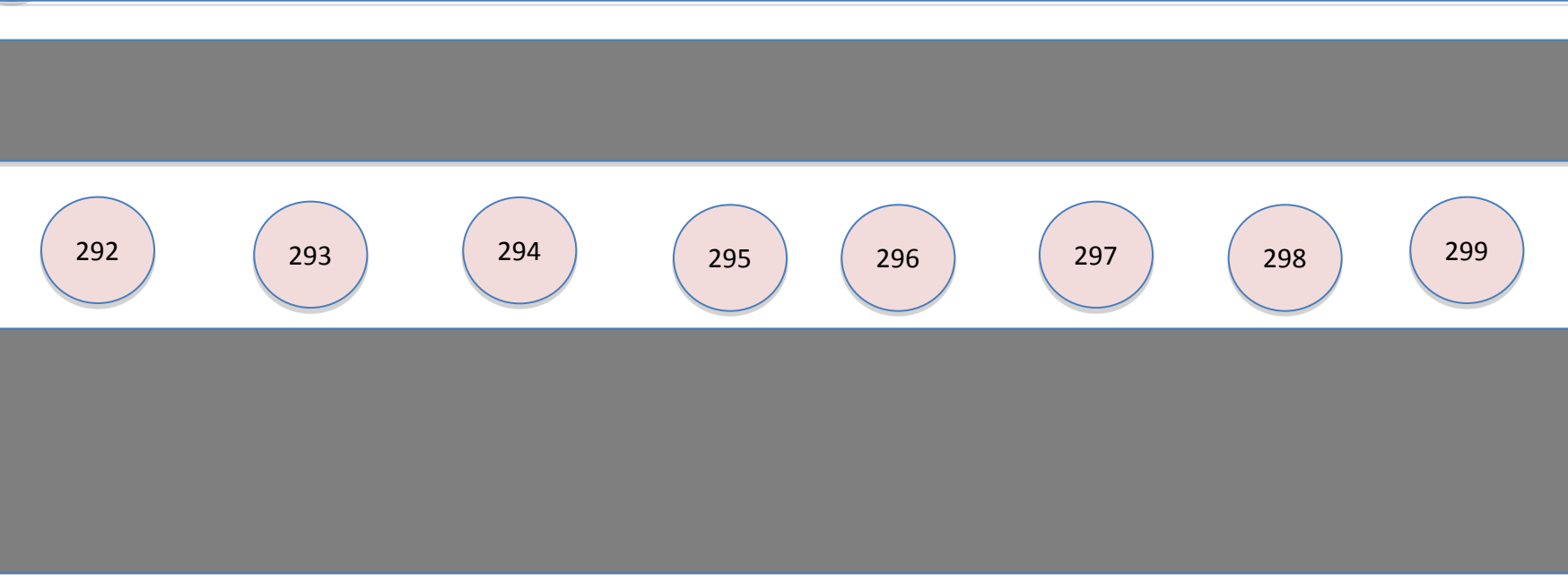
Room 174

3



Room 174

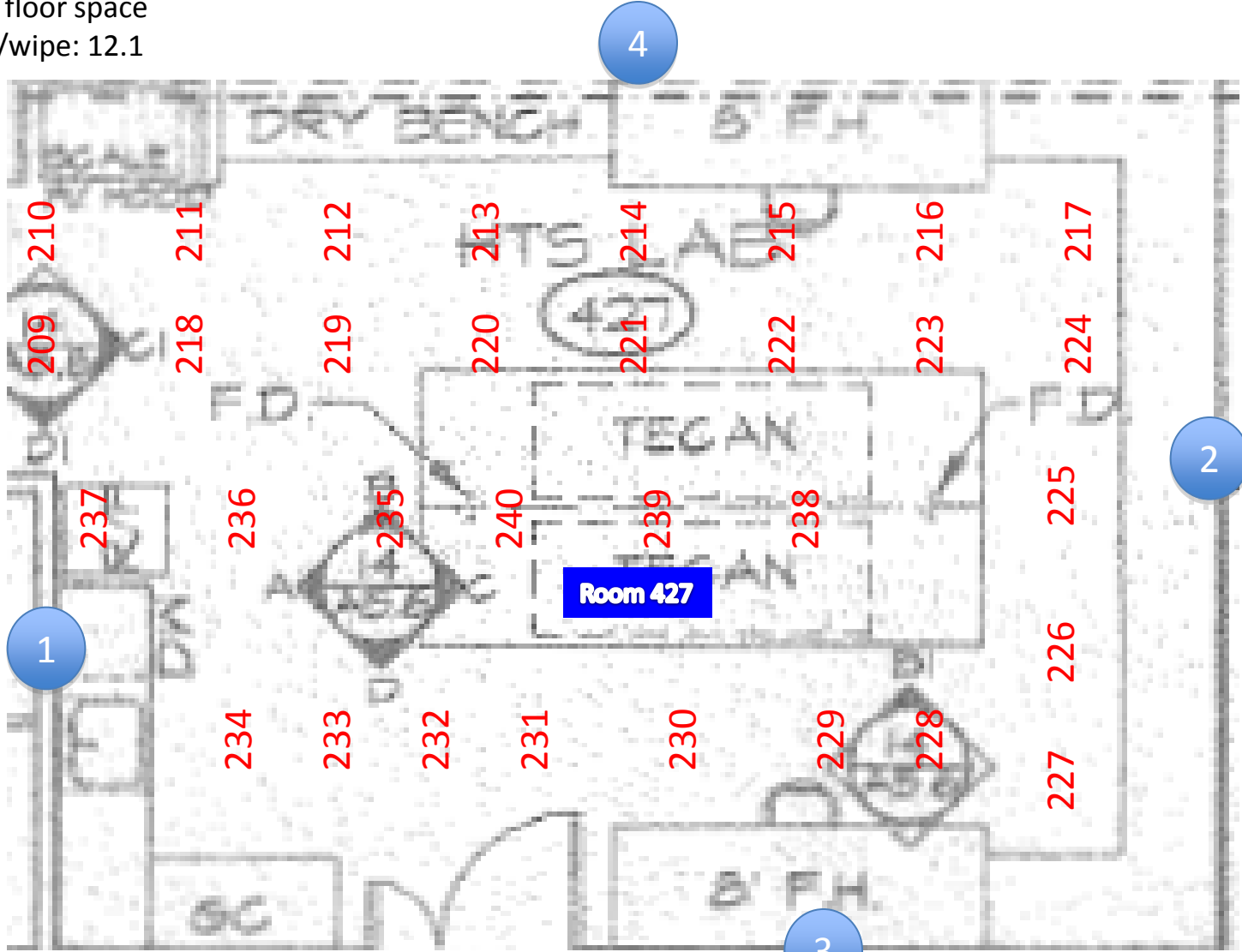
4



# Room 427

375 sq ft floor space

Avg sq ft/wipe: 12.1

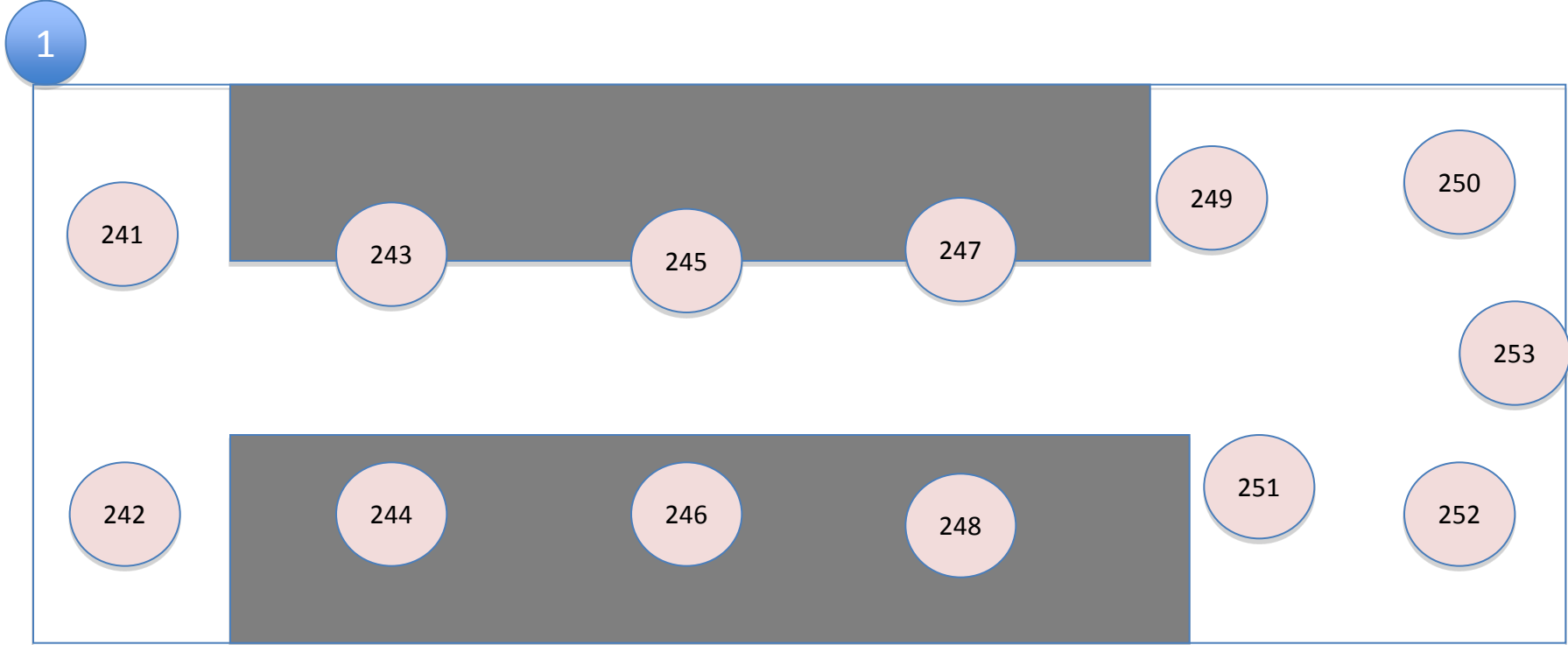


n = walls

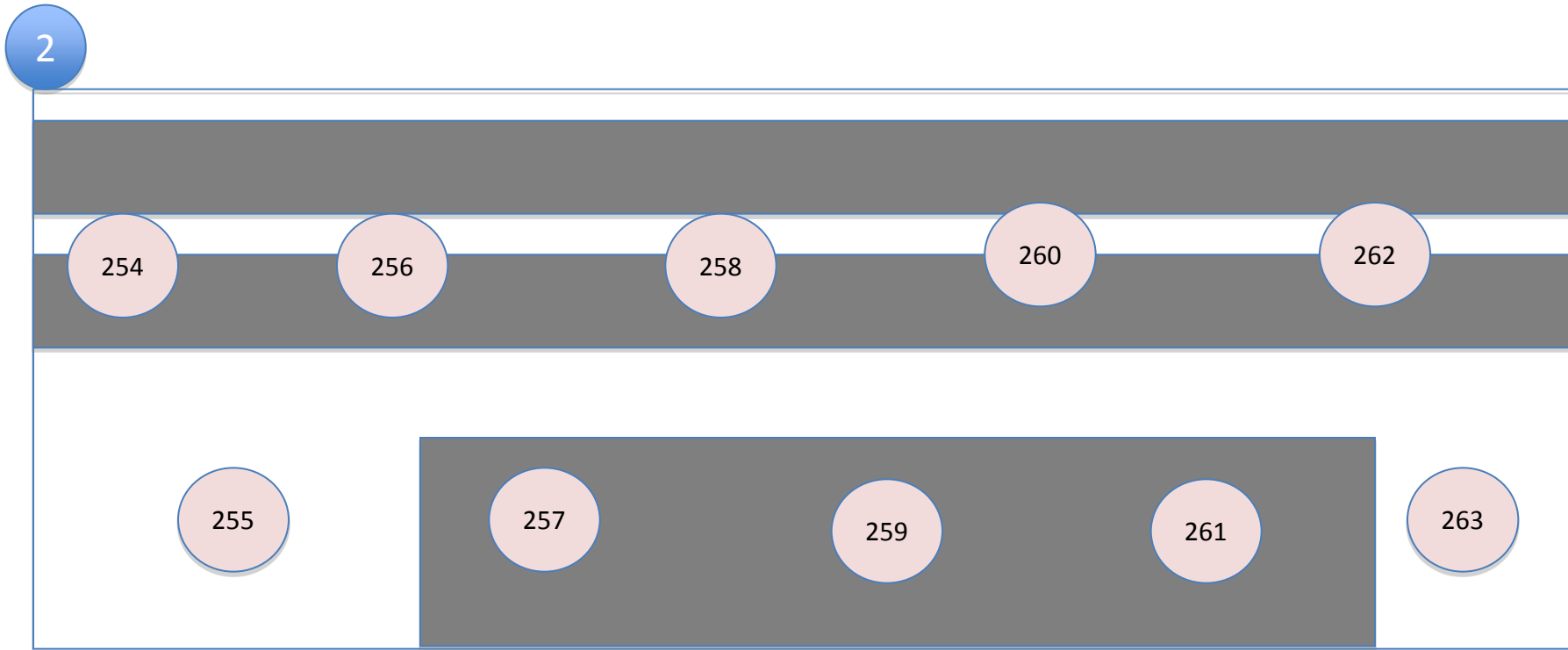


Room 427

Walls 1-4

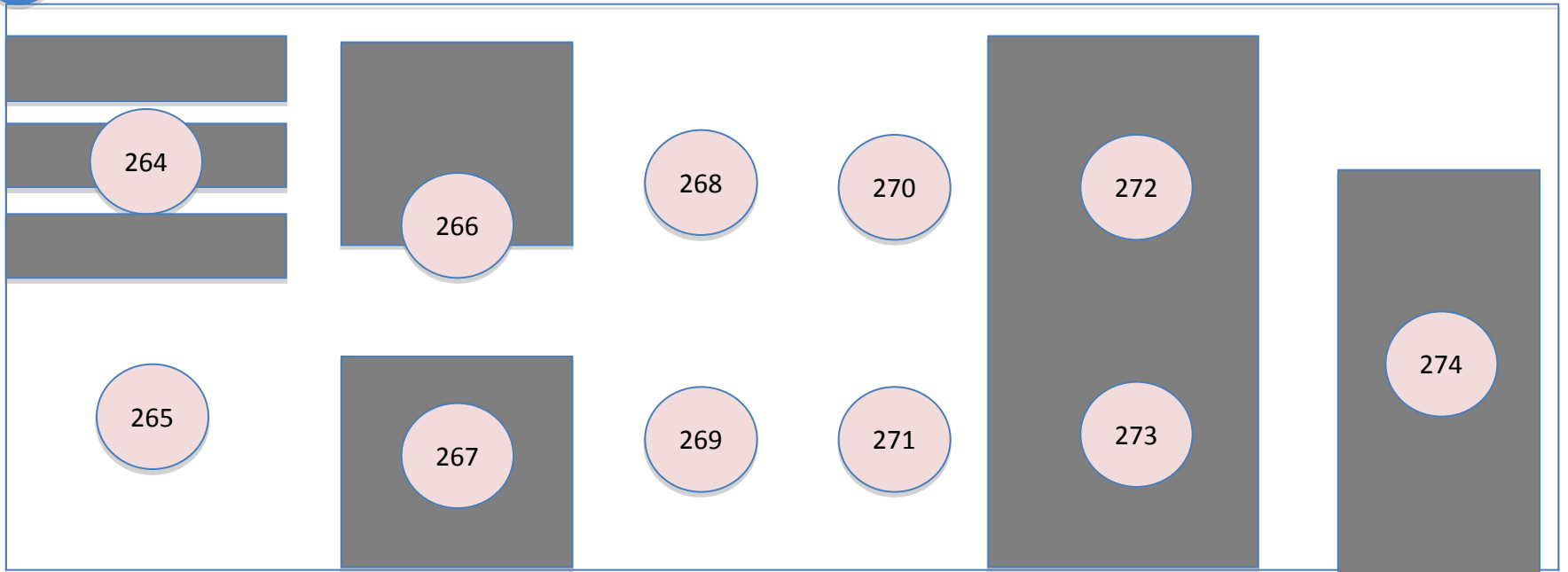


Room 427



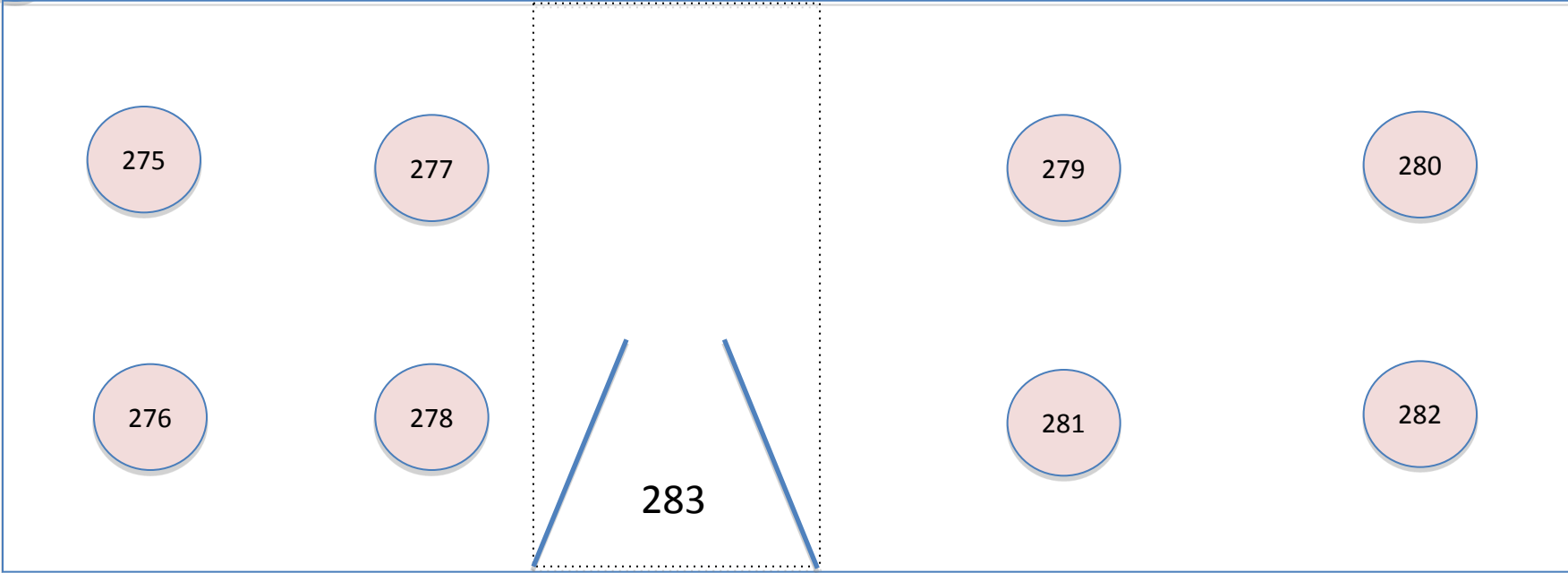
# Room 427

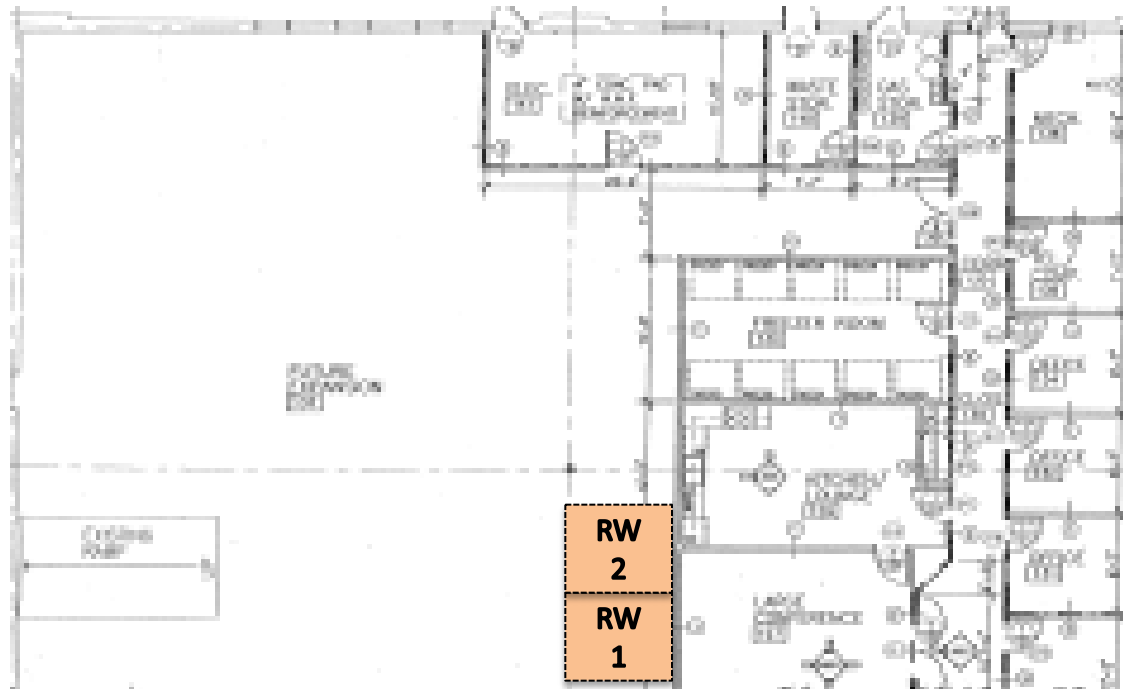
3



Room 427

4



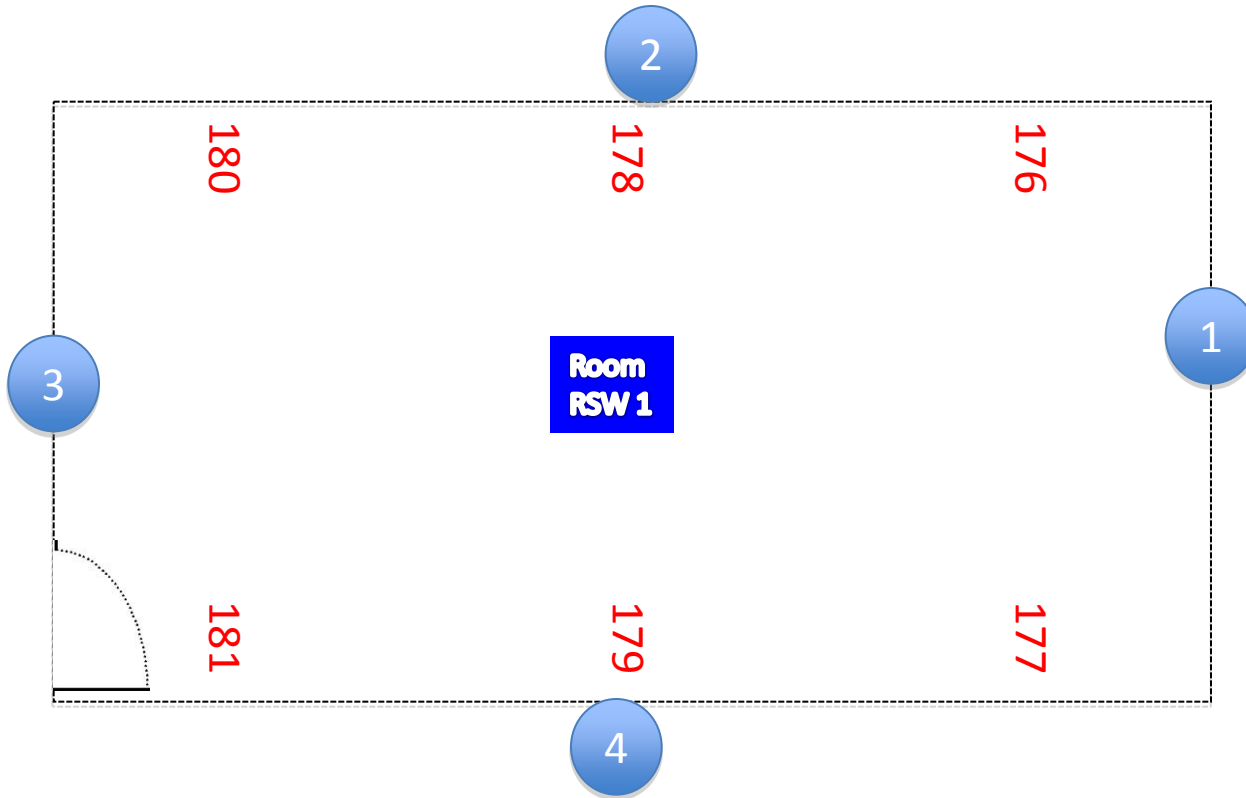


**RSW 1 and RSW 2 built after final floor plan; hence, square footage is an estimate**

# RW 1

70 sq ft floor space (est.)

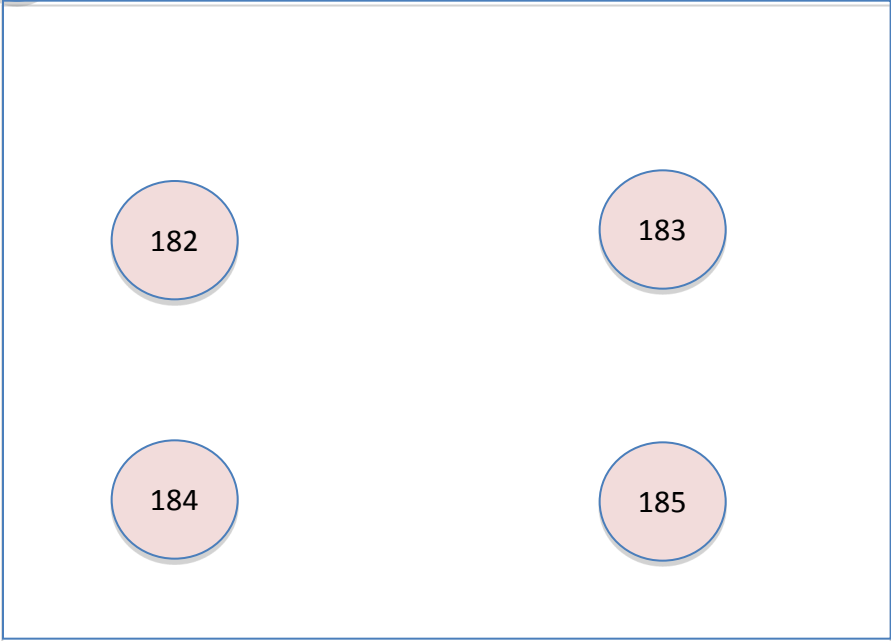
Avg sq ft/wipe: 11.7



**n** = walls

RW 1  
Walls 1-4

1



RW 1

2





RW 1

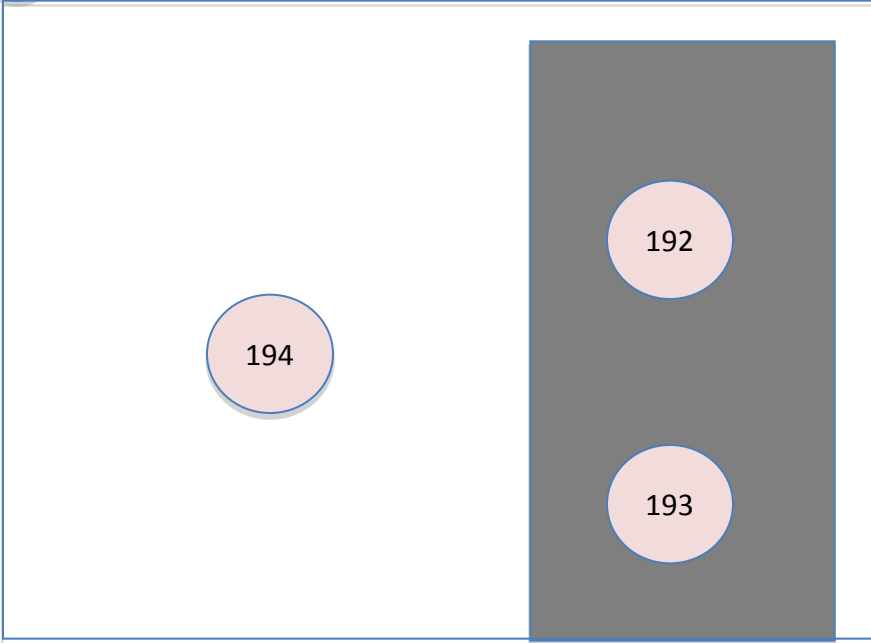
3

190

191

RW 1

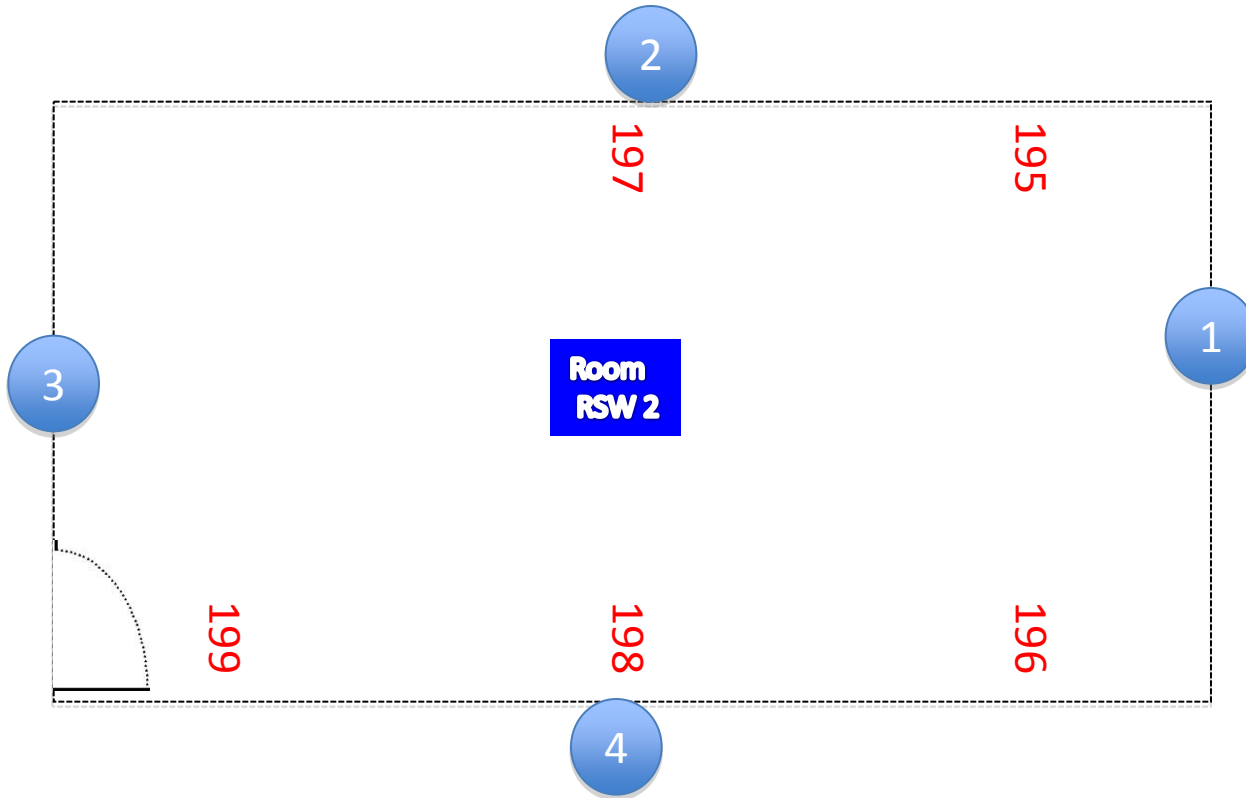
4



## RW 2

70 sq ft floor space(est.)

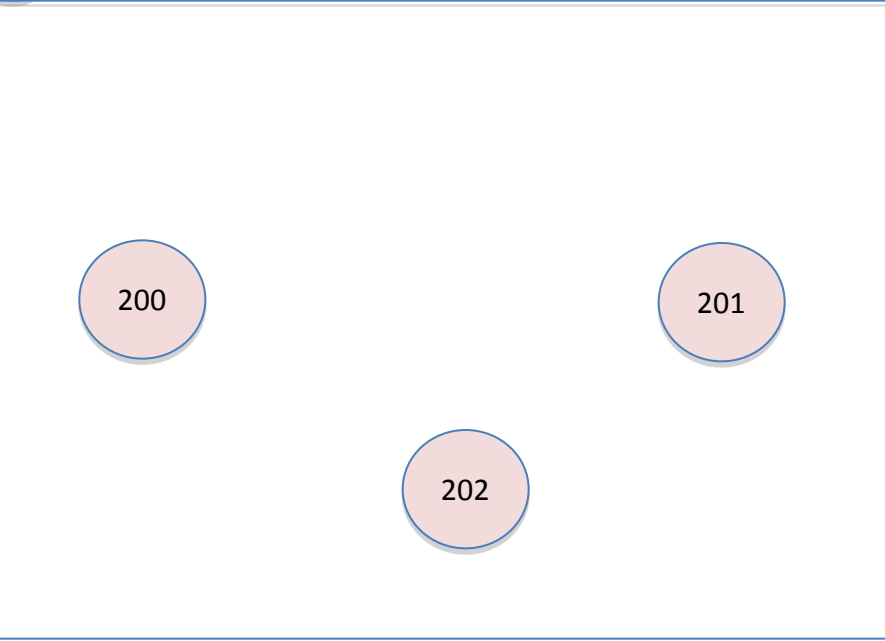
Avg sq ft/wipe: 14



**n** = walls

RW 2  
Walls 1-4

1



RW 2

2

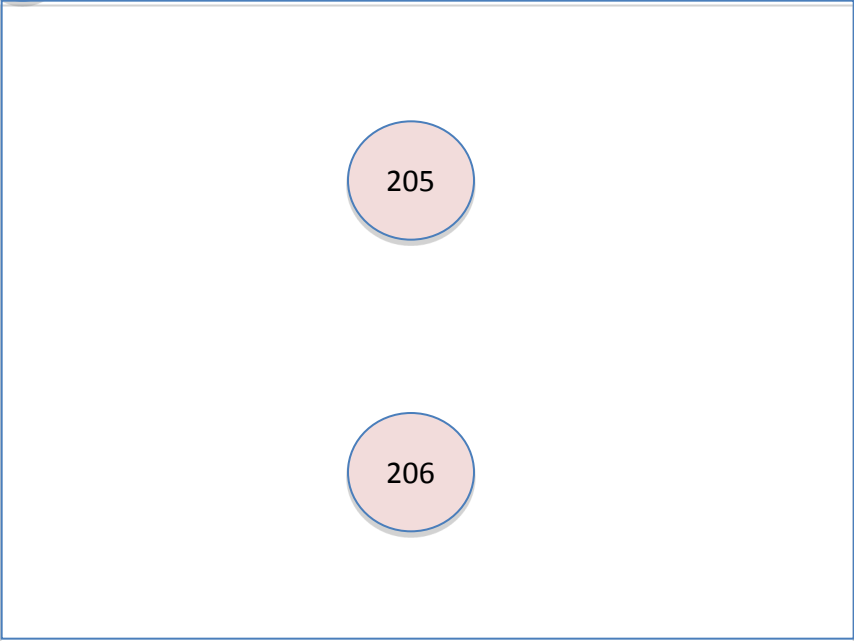


203

204

RW 2

3



RW 2

4

207

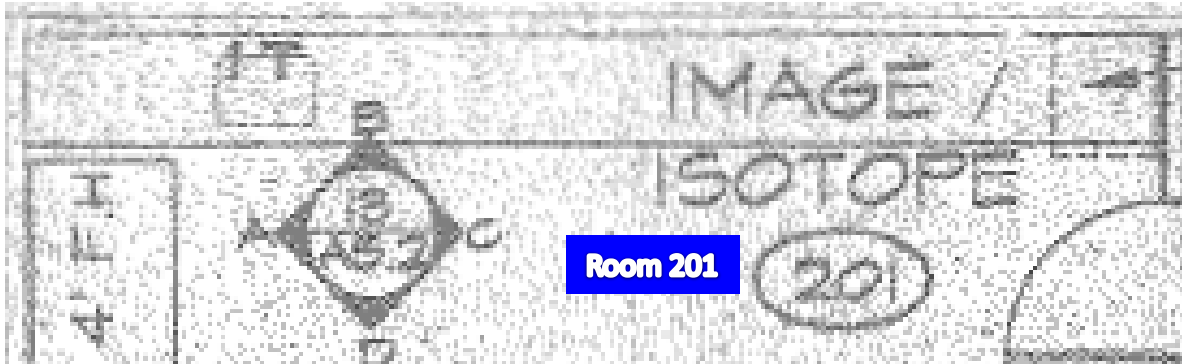
208

# Room 201

Wall Wipes (in red)

309

315



314

310

312

311

313

Ceiling Wipes (in red)

11	10	9	8	305	6	5	4	3	2	1
22	21	20	19	18	17	16	15	14	308	12
33	32	31	30	307	28	27	26	25	306	23

Each number in black represents a ceiling tile.

Background wipe: #304 from office area



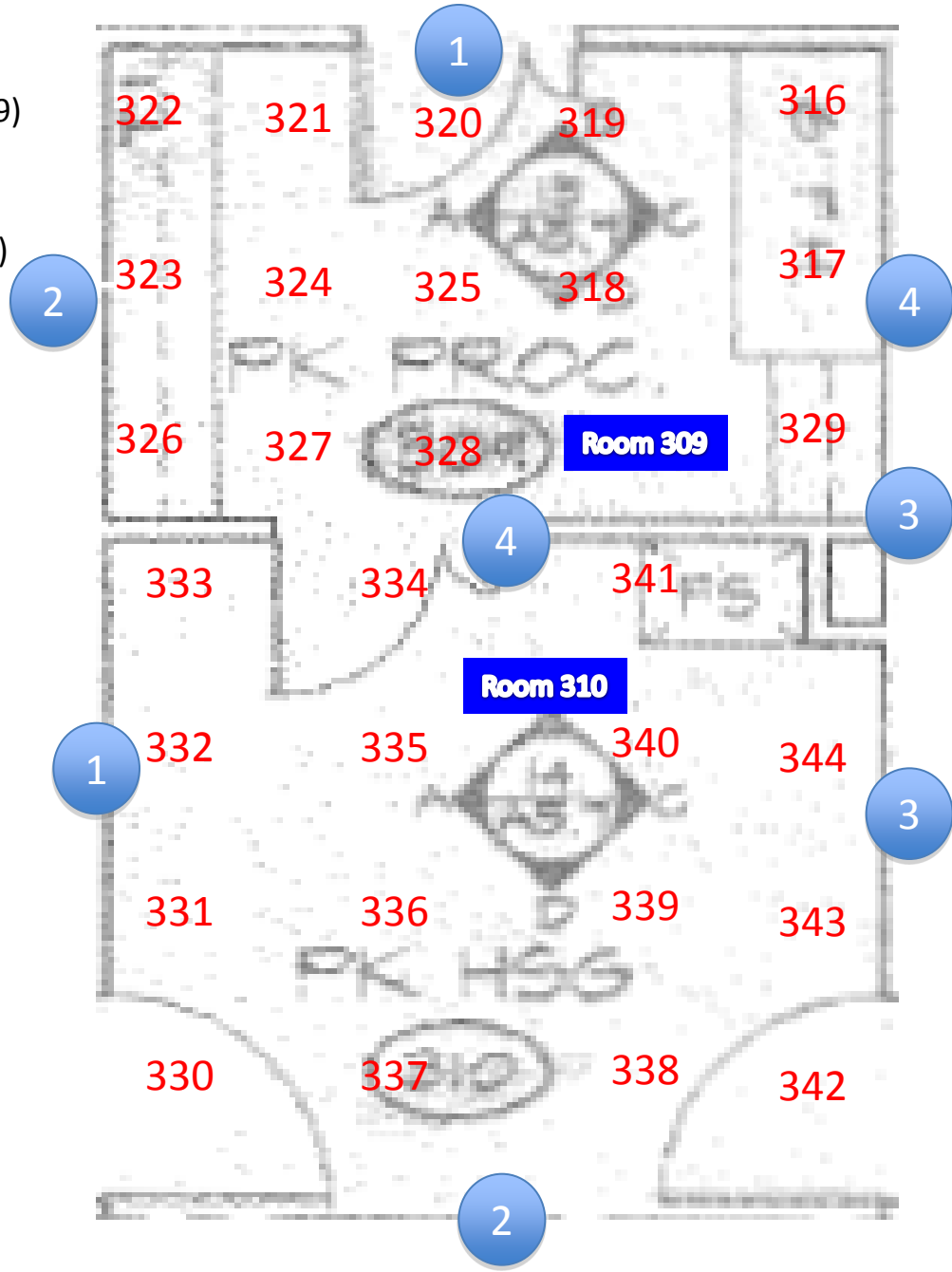
## Rooms 309 & 310

126 sq ft floors space (309)

Avg sq ft/wipe: 9

182 sq ft floor space (310)

Avg sq ft/wipe: 12.1

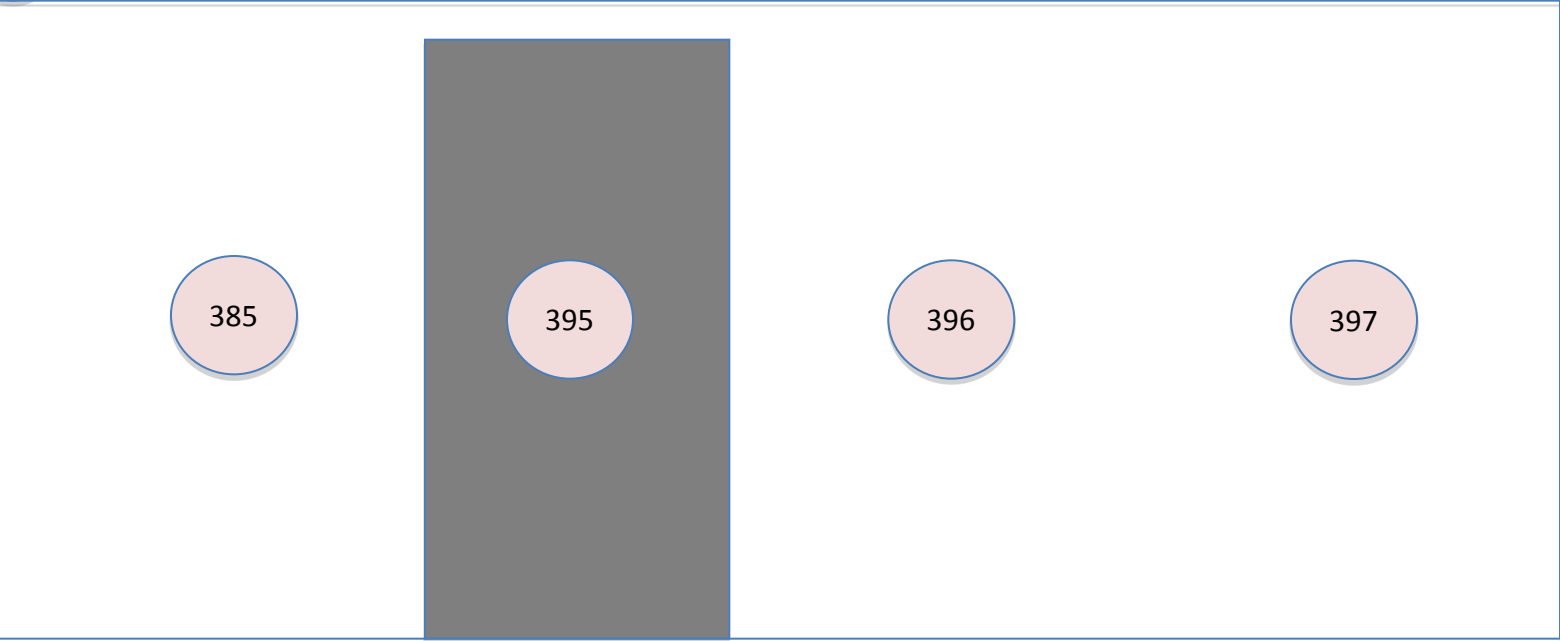


**n** = walls

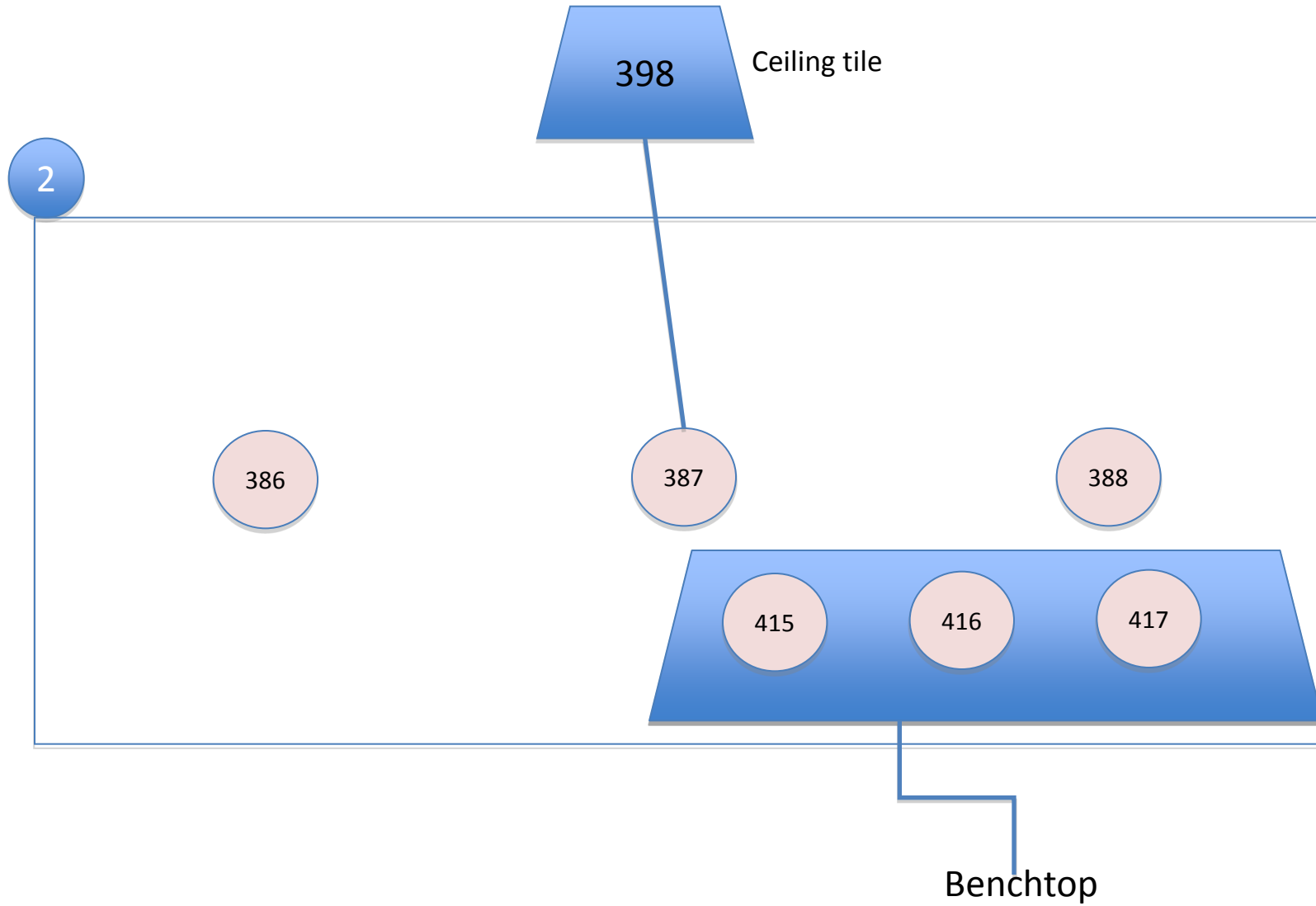
Room 309

Walls 1-4

1



# Room 309



Room 309

3

389

390

391

Room 309

4

392

393

394

Room 310

Walls 1-4

1

399

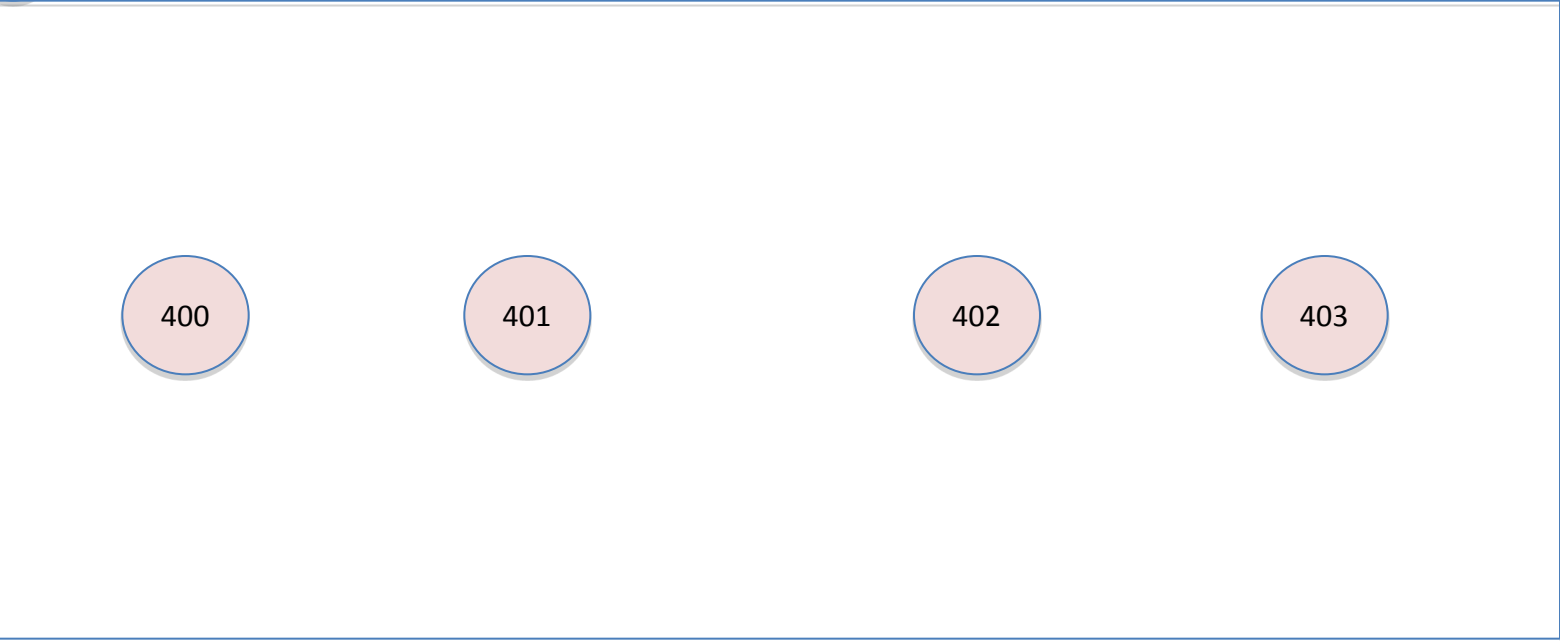
412

413

414

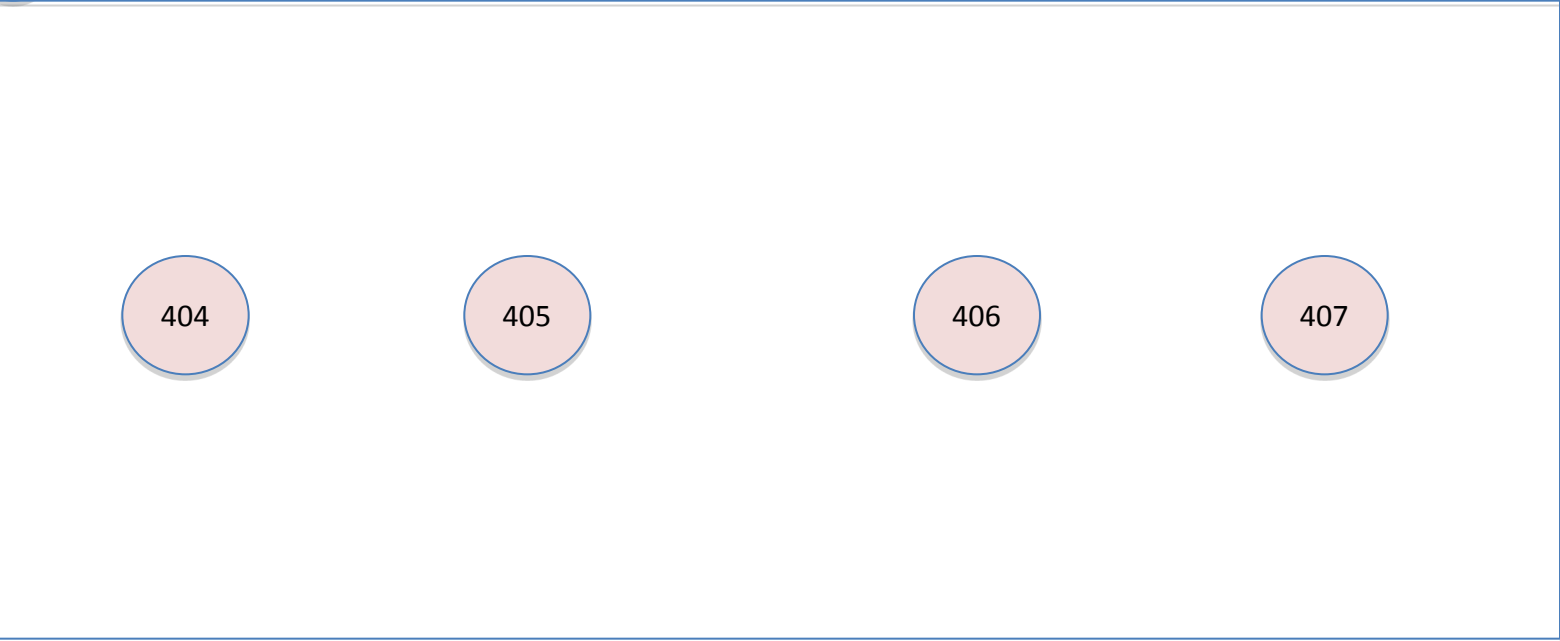
Room 310

2



Room 310

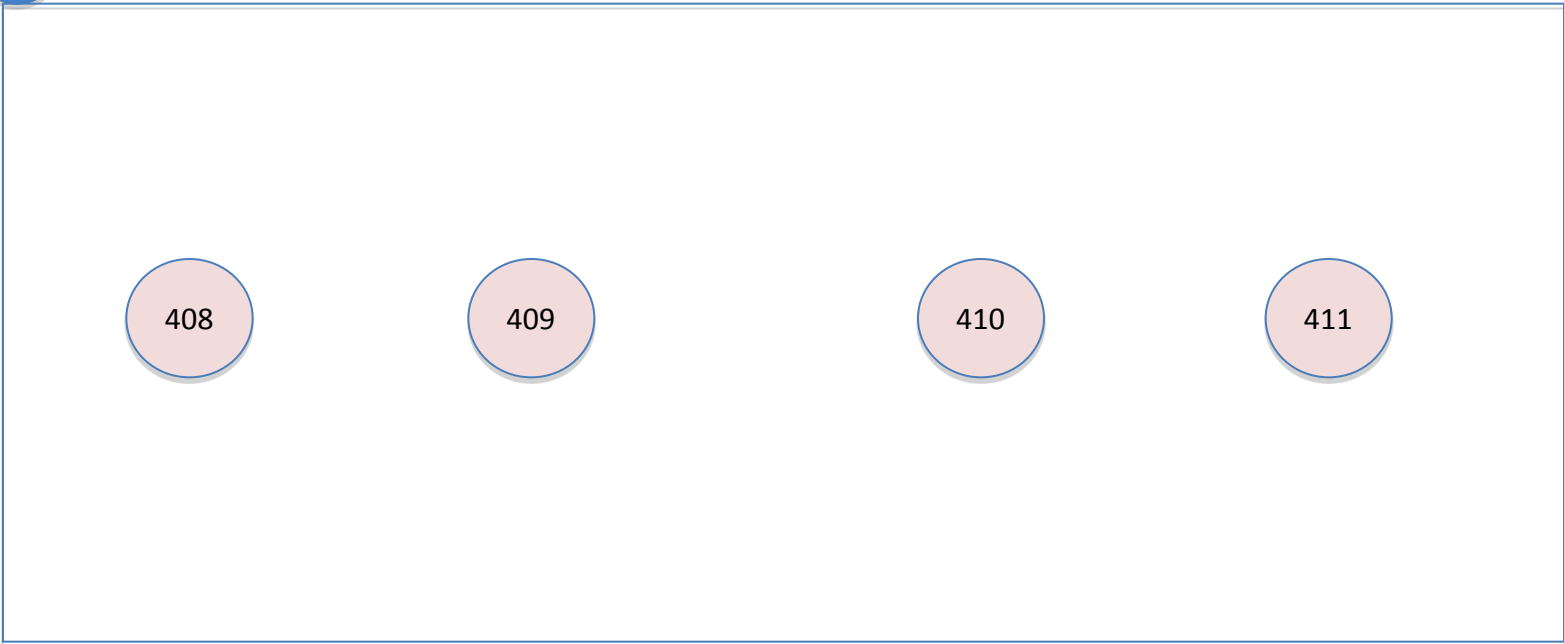
3





Room 310

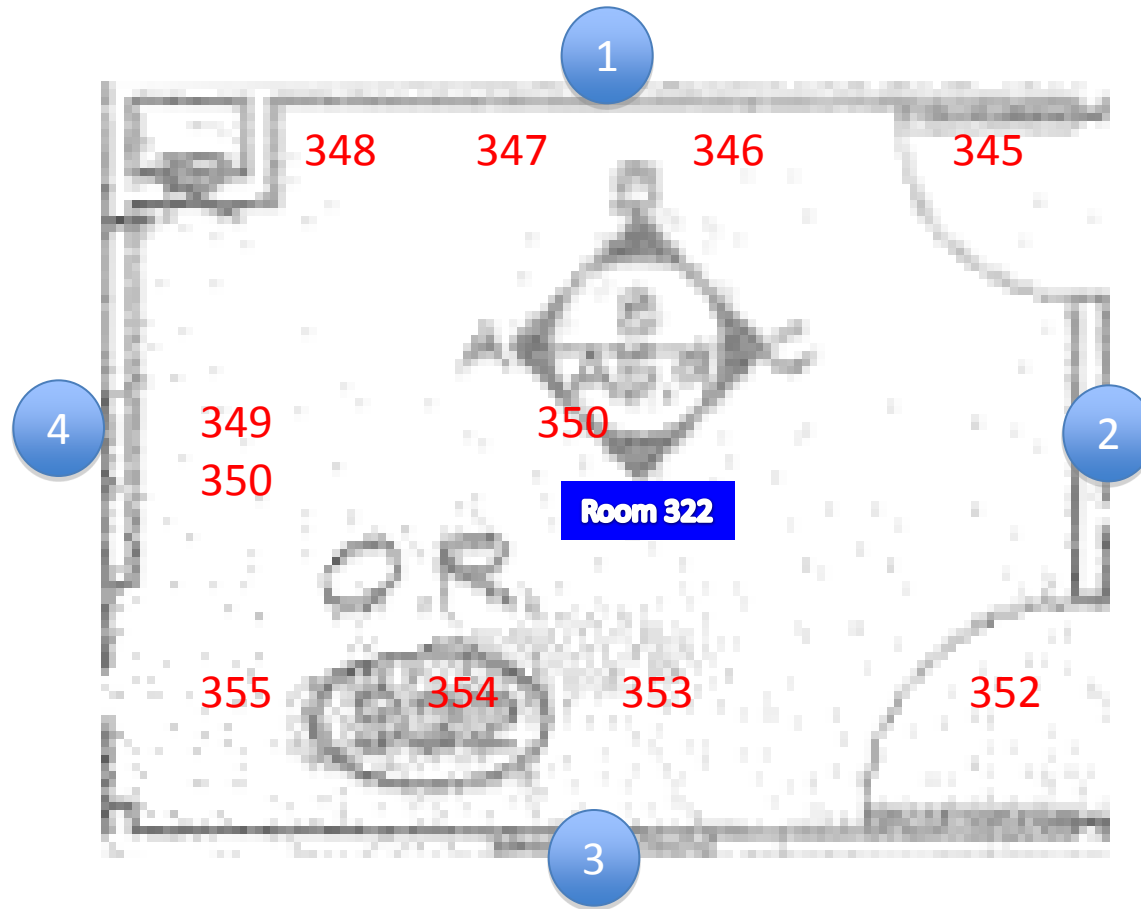
4



# Room 322

130 sq ft floor space

Avg sq ft/wipe: 11.8



n = walls

Room 322

Walls 1-4

1

356

357

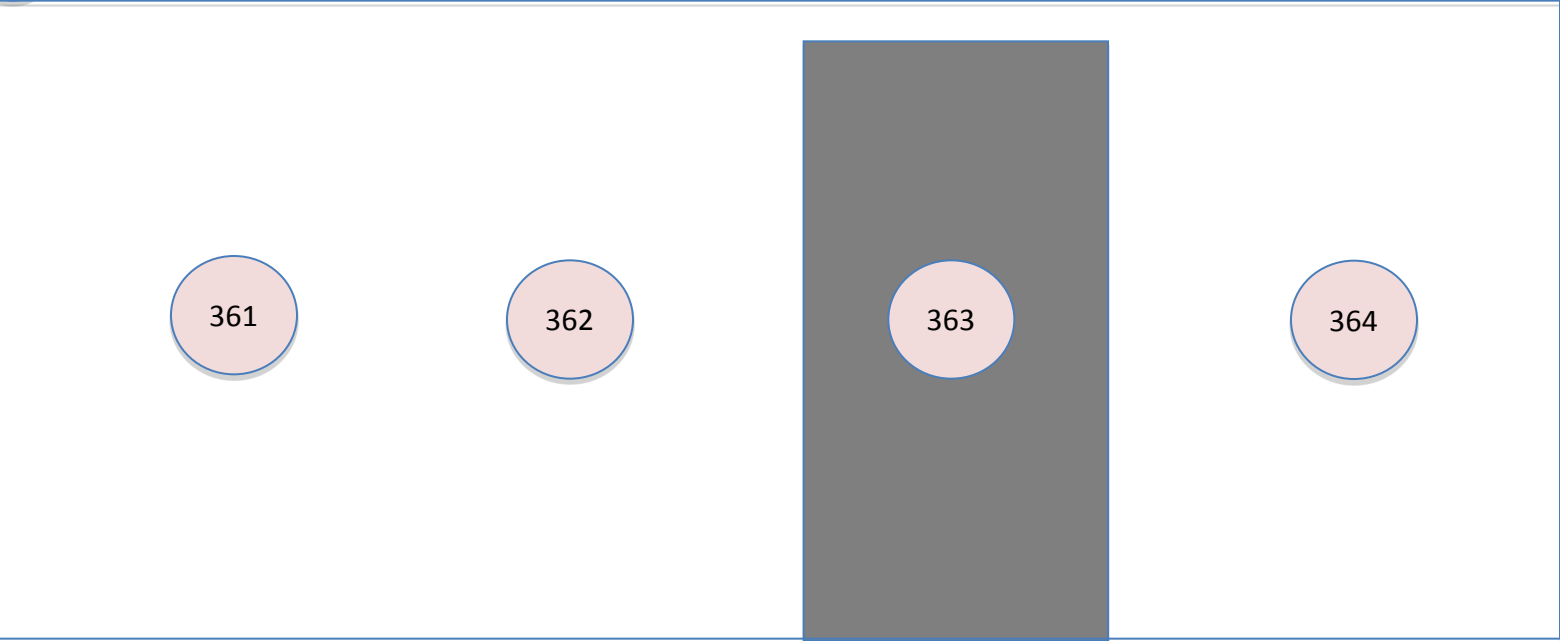
358

359

360

Room 322

2



Room 322

3

365

366

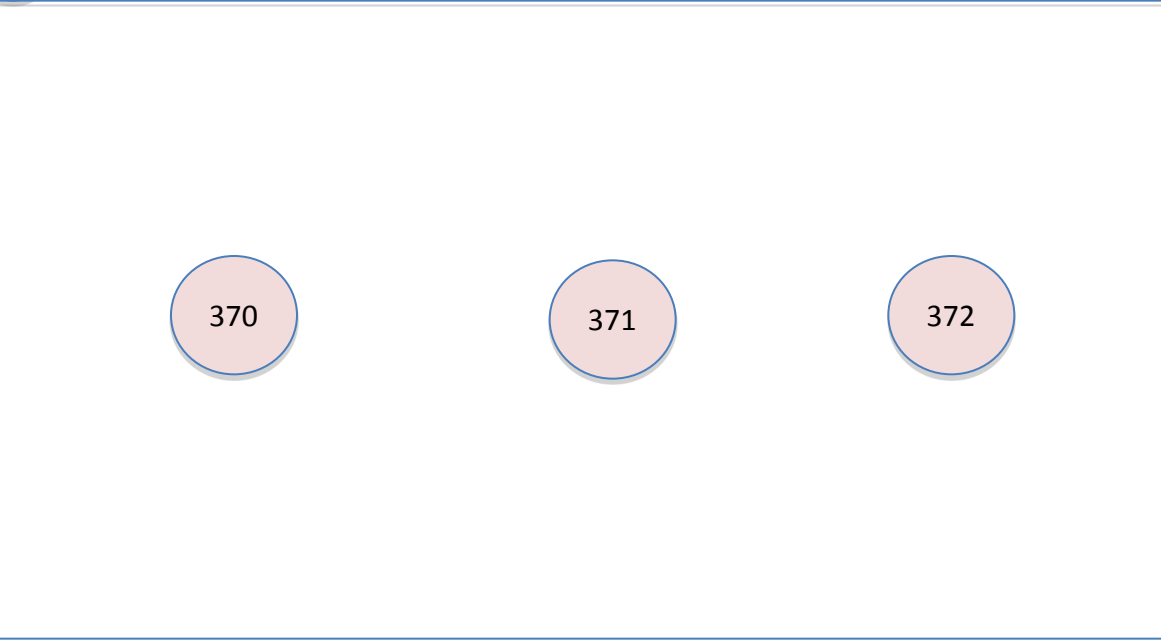
367

368

369

Room 322

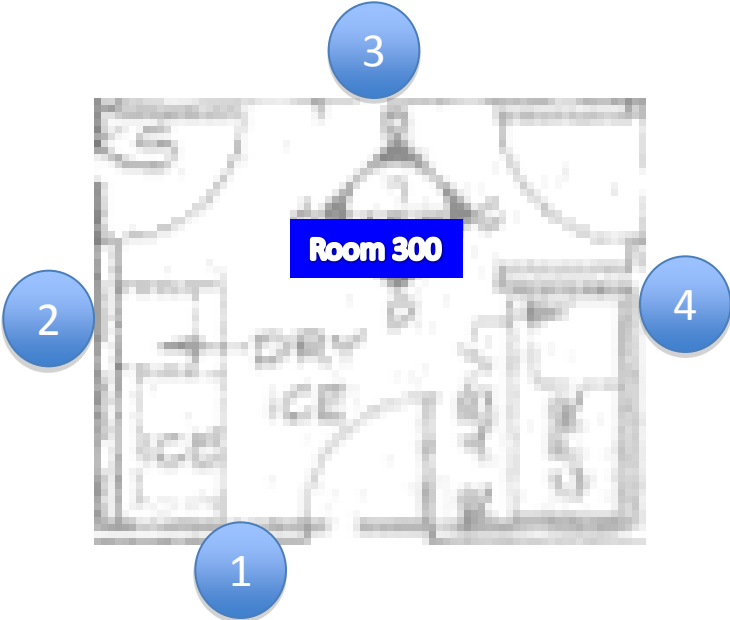
4



Room 300

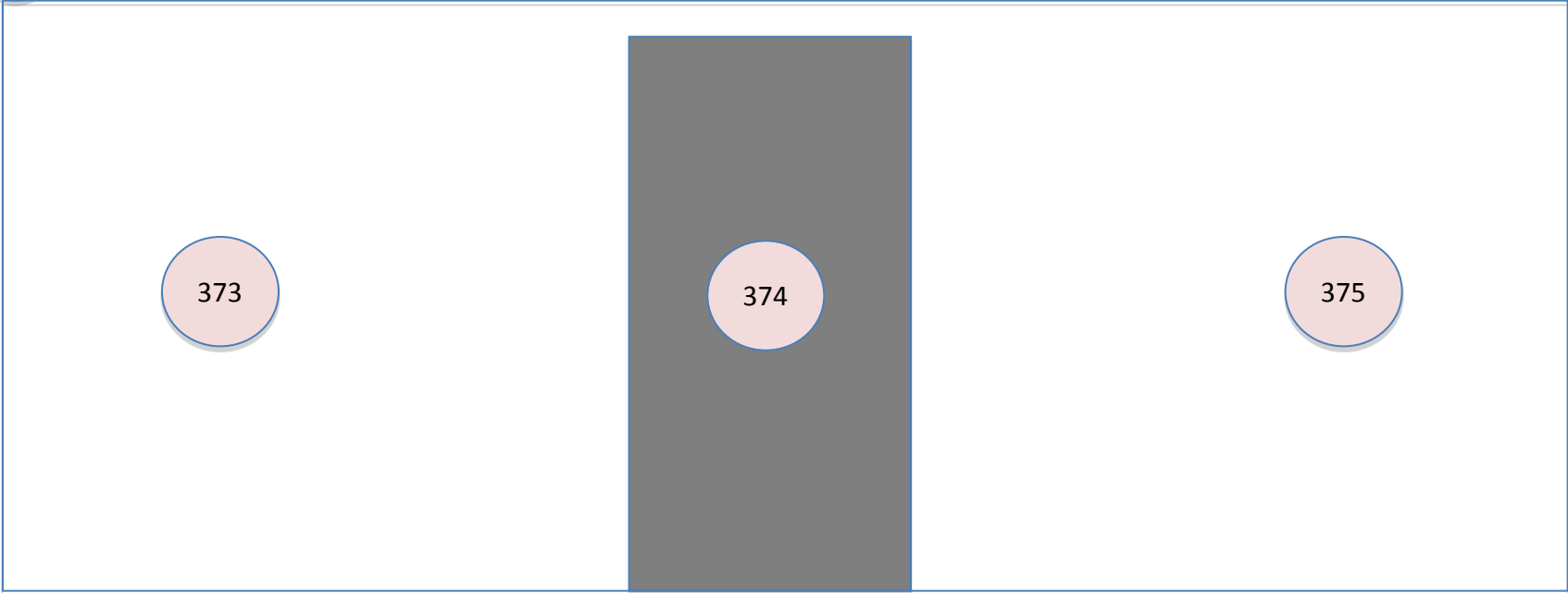
Walls only

120 sq ft floor space



Room 300  
Walls only

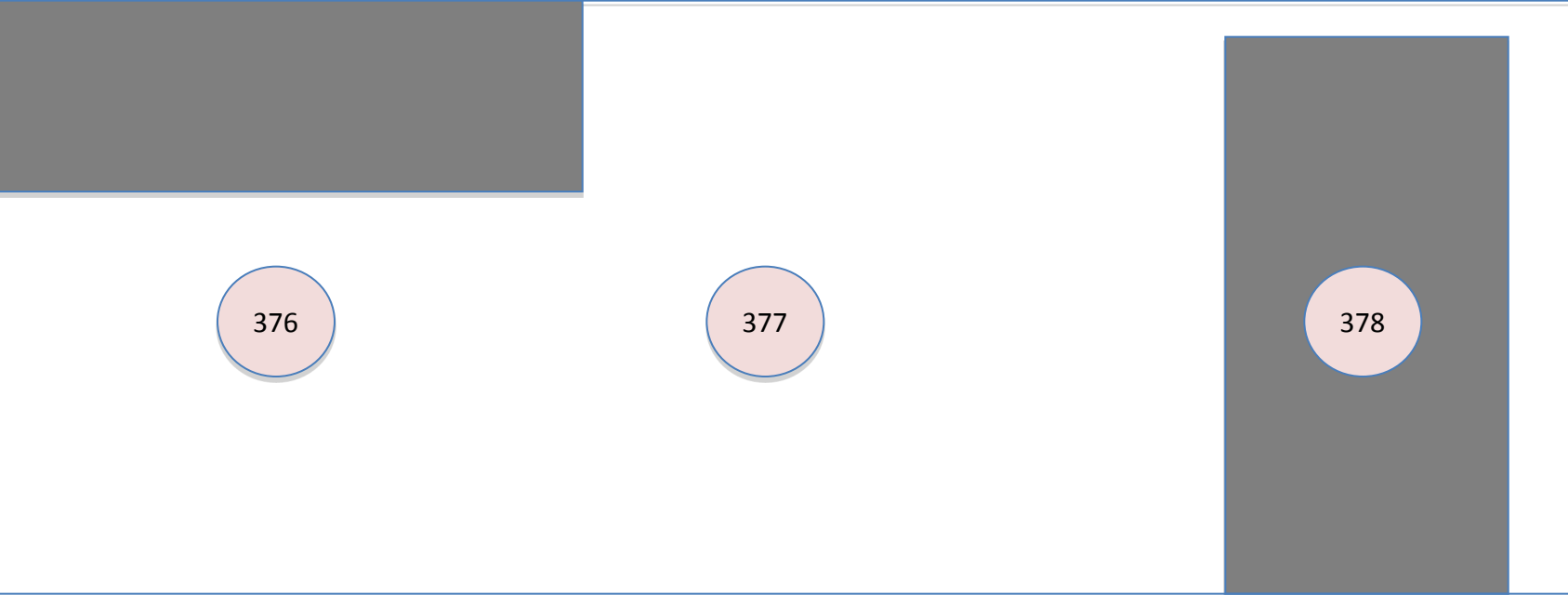
1





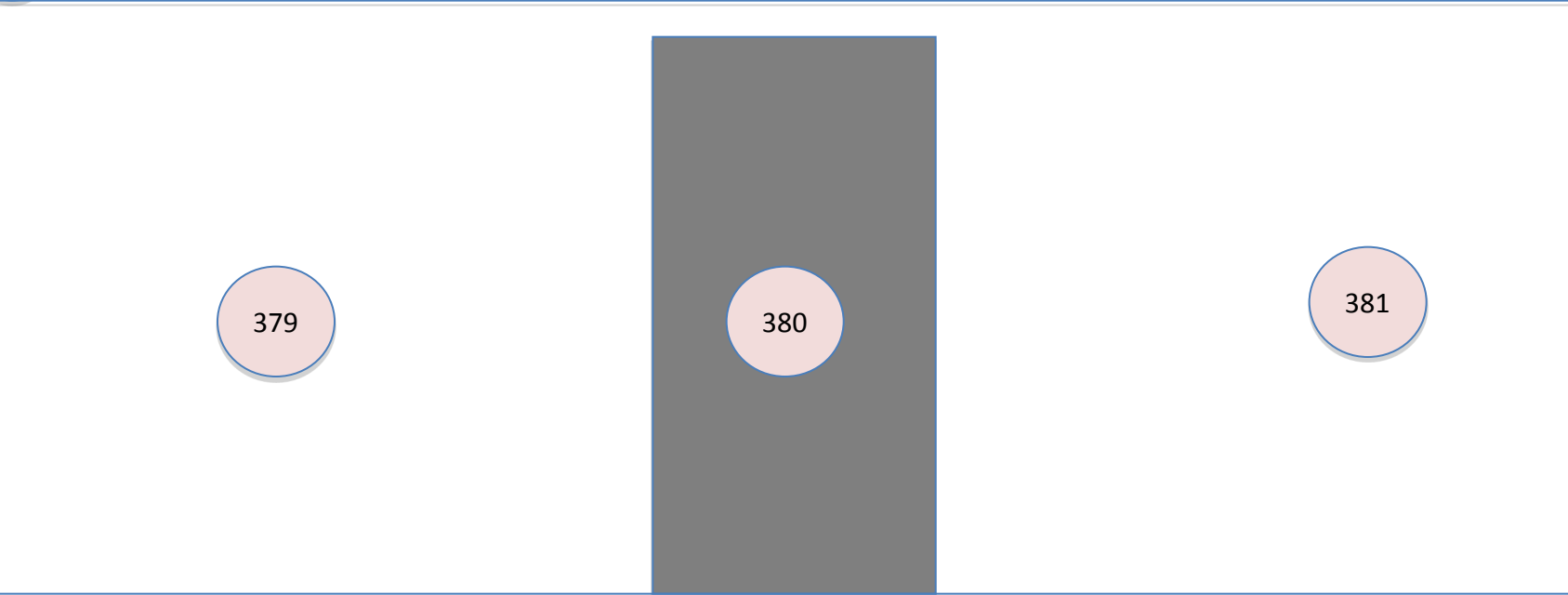
Room 300  
Walls only

1



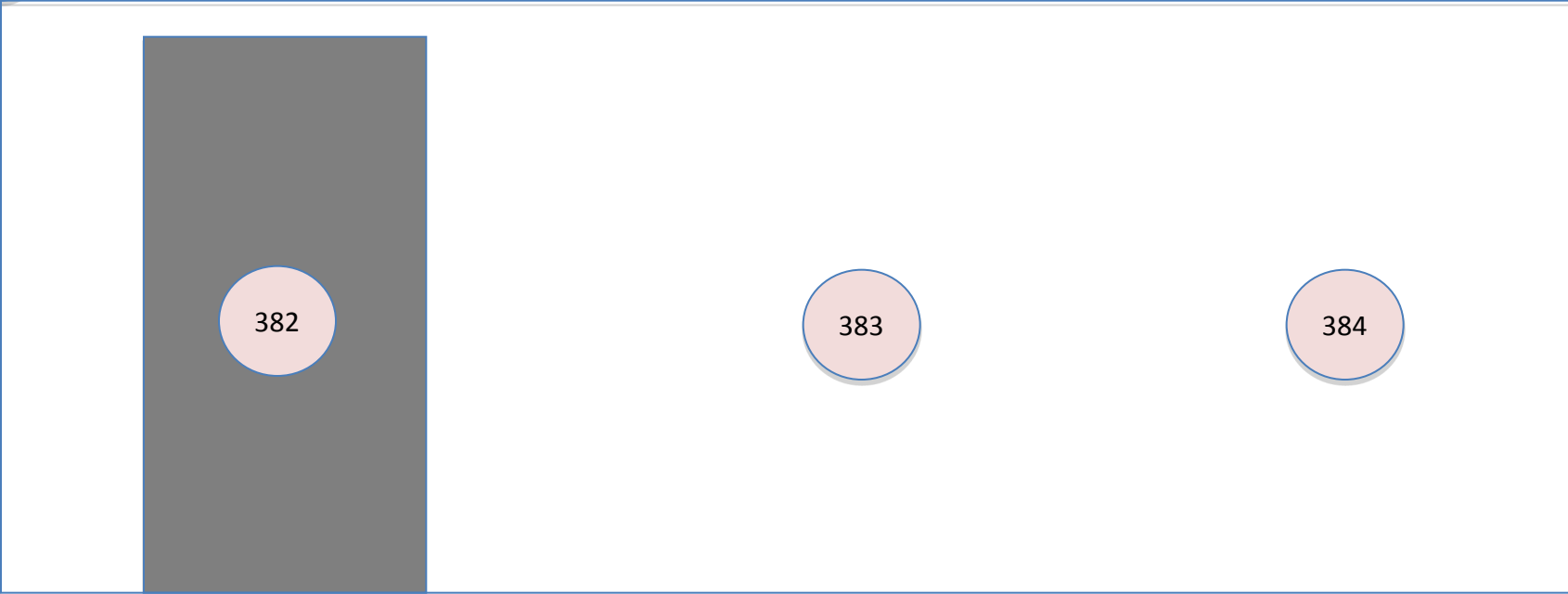
Room 300  
Walls only

3



Room 300  
Walls only

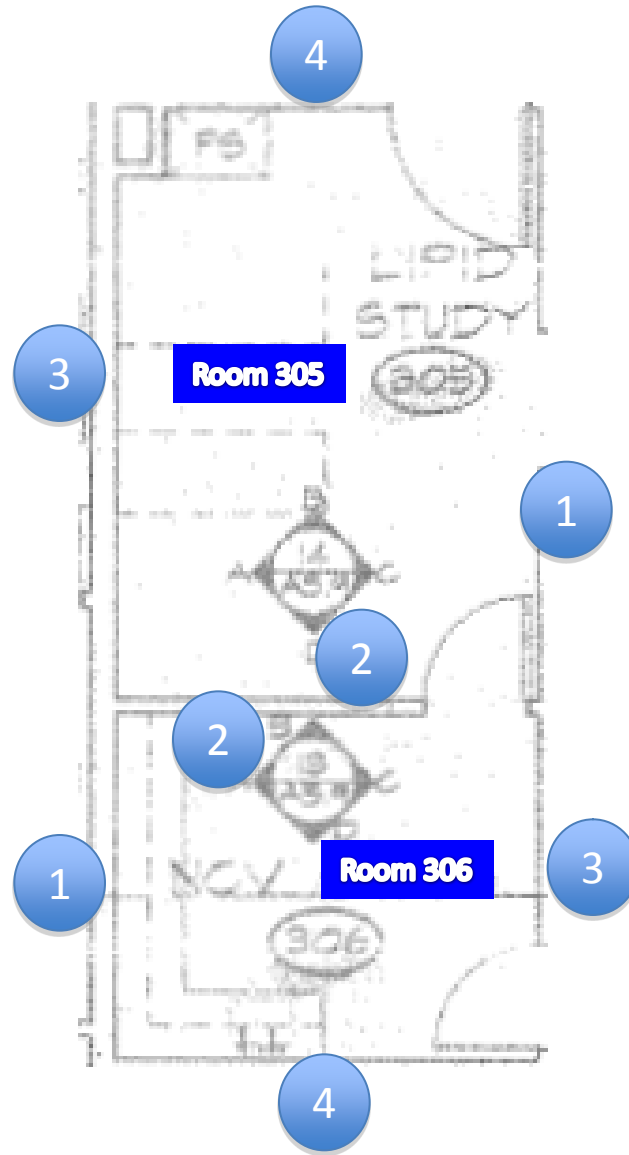
4



## Rooms 305 & 306

Walls 1-4 & ceiling sample

120 sq ft floor space



Room 306

Walls 1-4

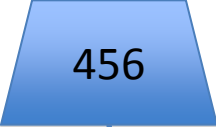
1

419

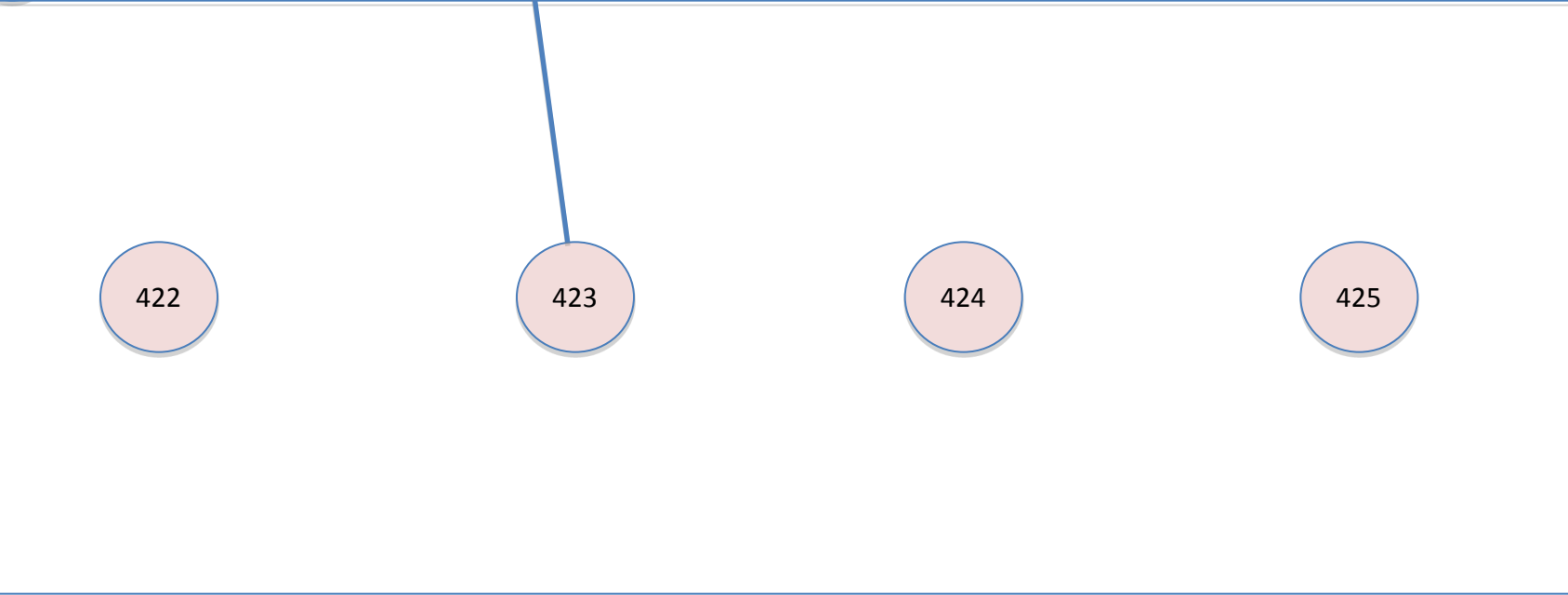
420

421

Room 306



Ceiling tile



Room 306

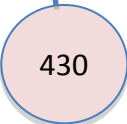
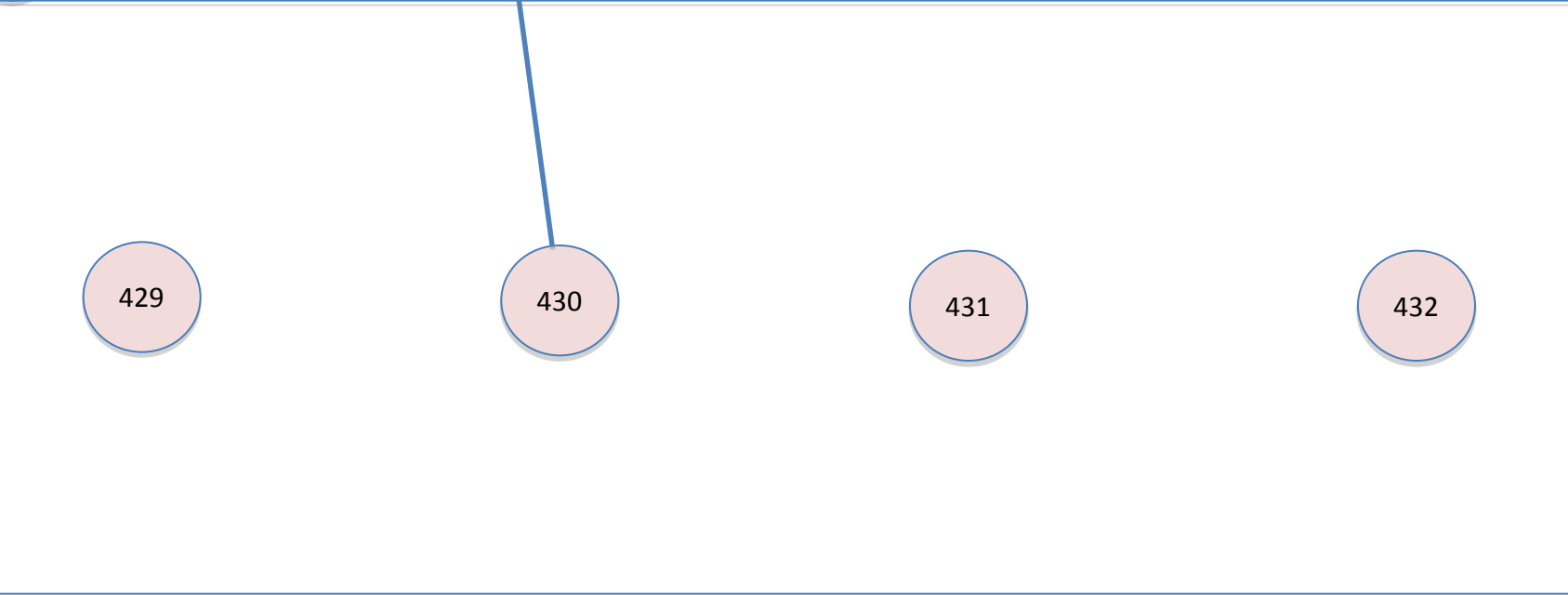
3

426

427

428

Room 306

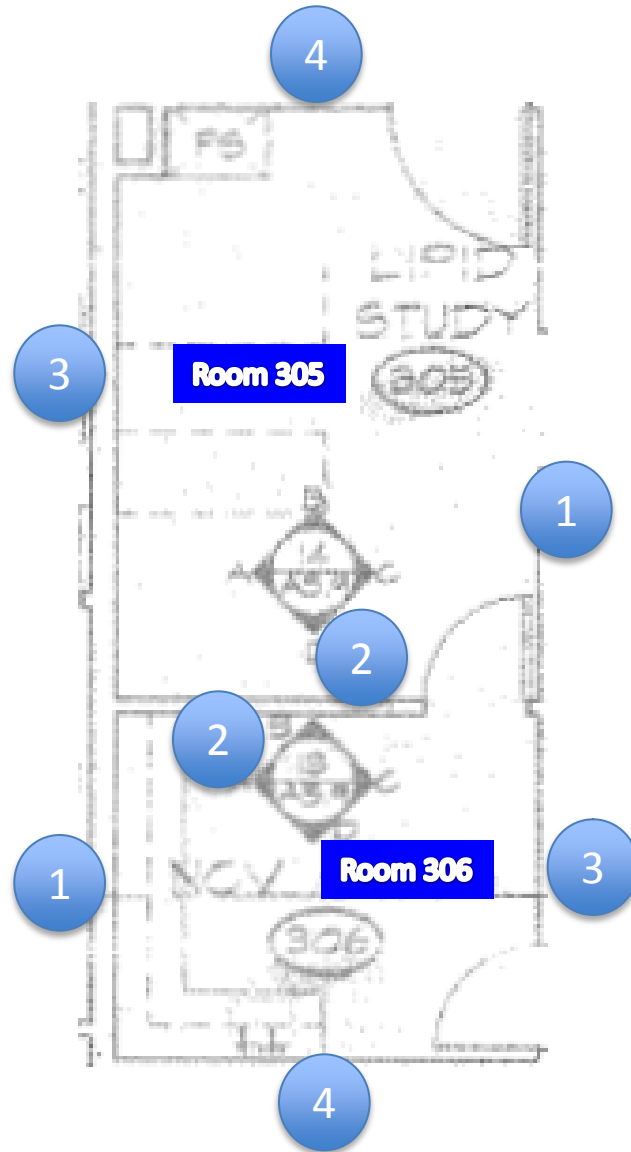




Rooms 305 & 306

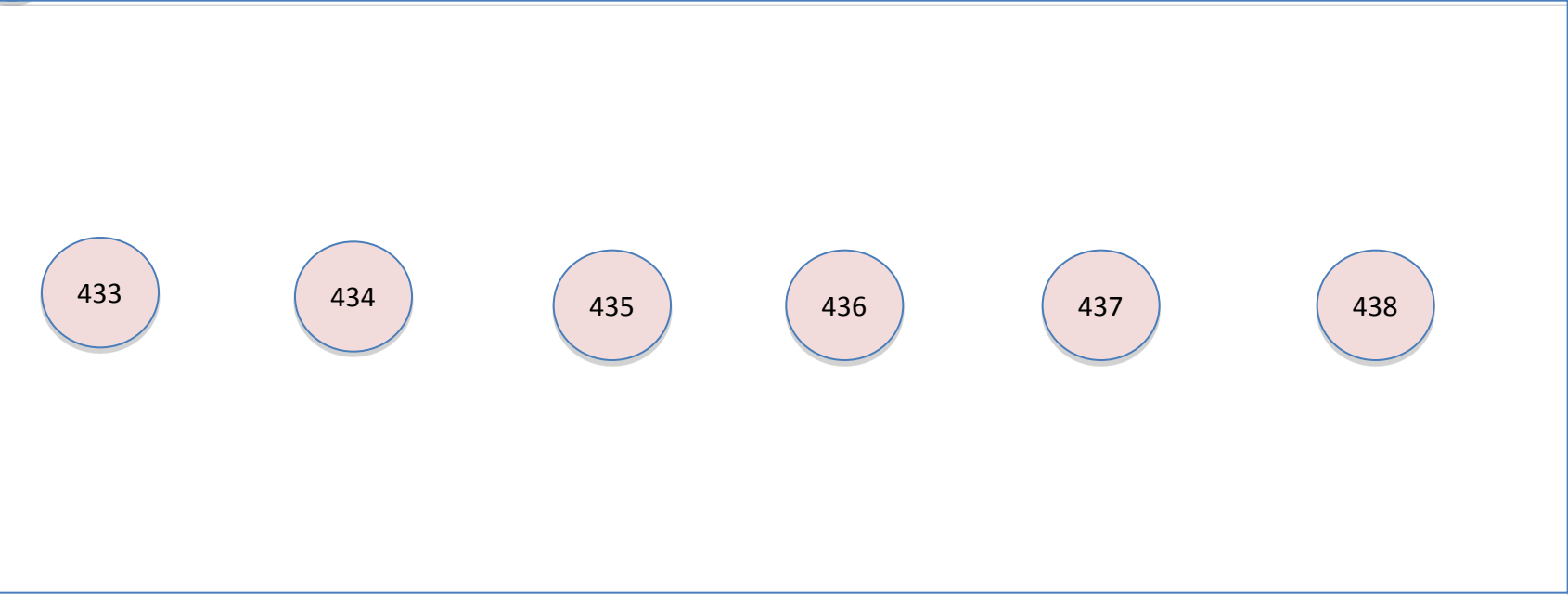
Walls 1-4

204 sq ft floor space



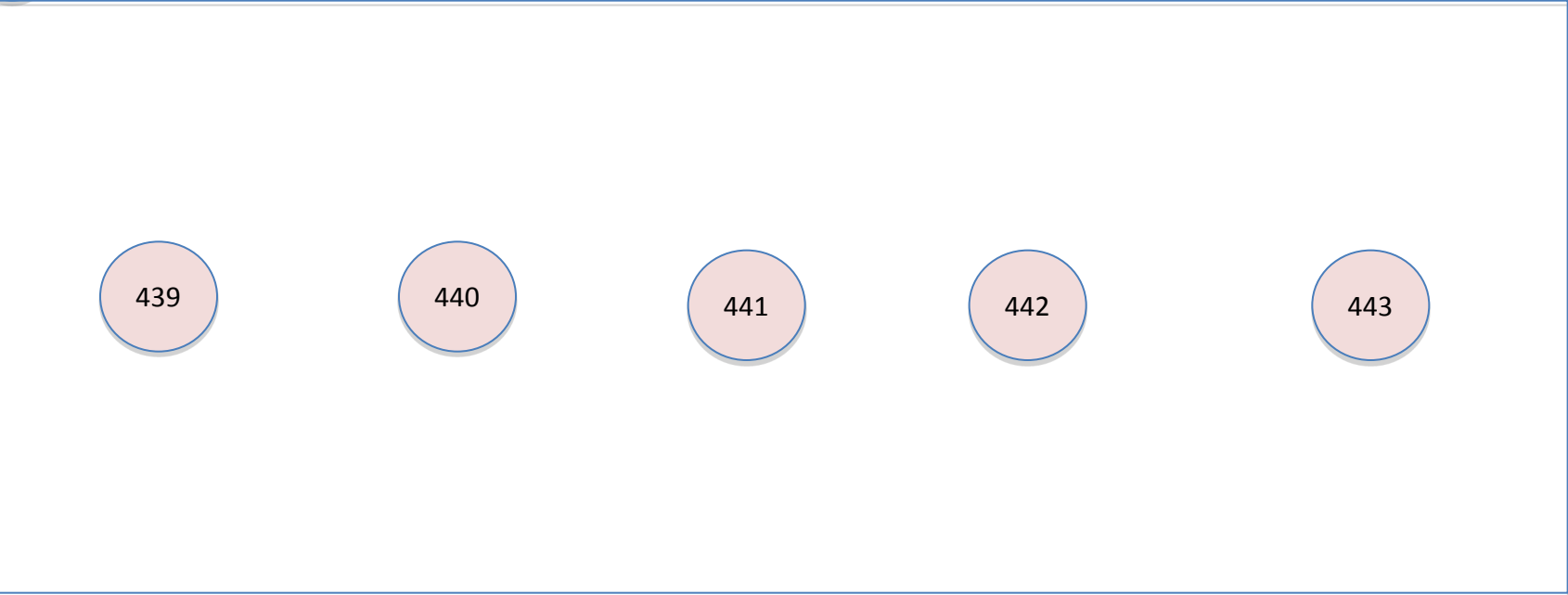
# Room 305

1



Room 305

2



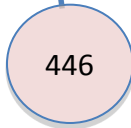
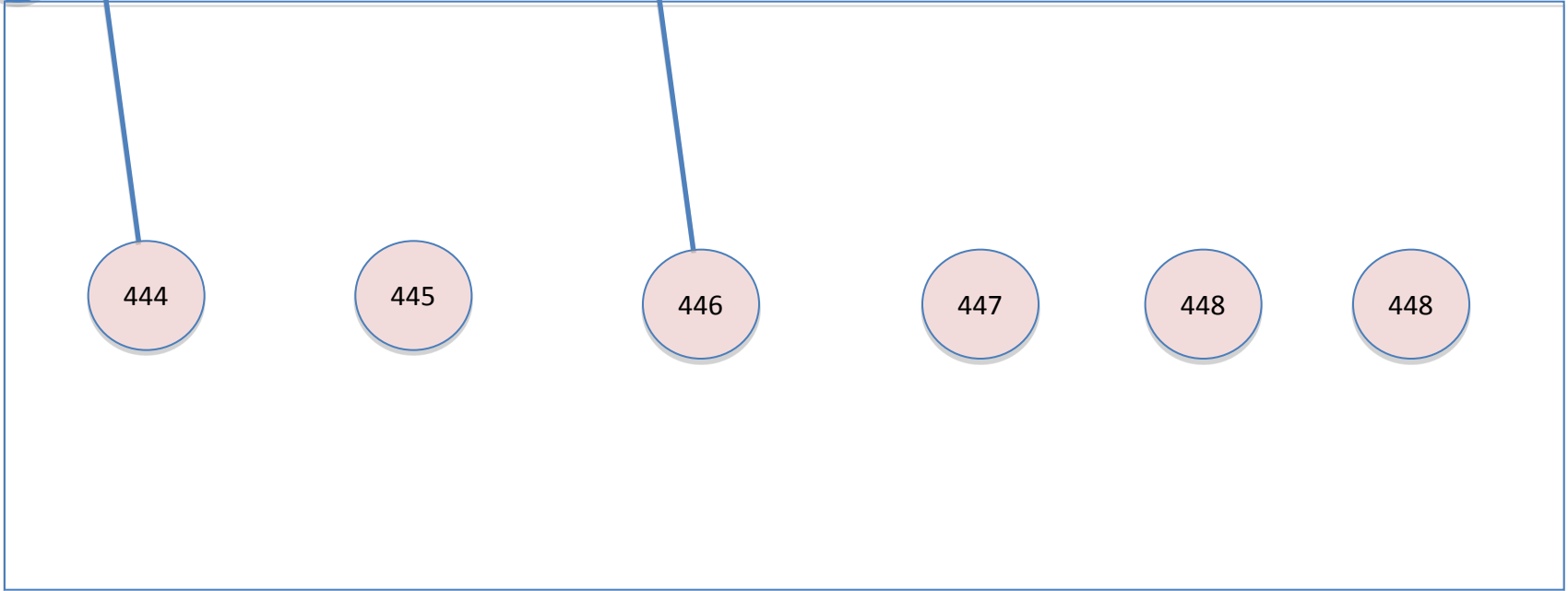
# Room 305



Ceiling tile



Ceiling tile



Room 305

4

