

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

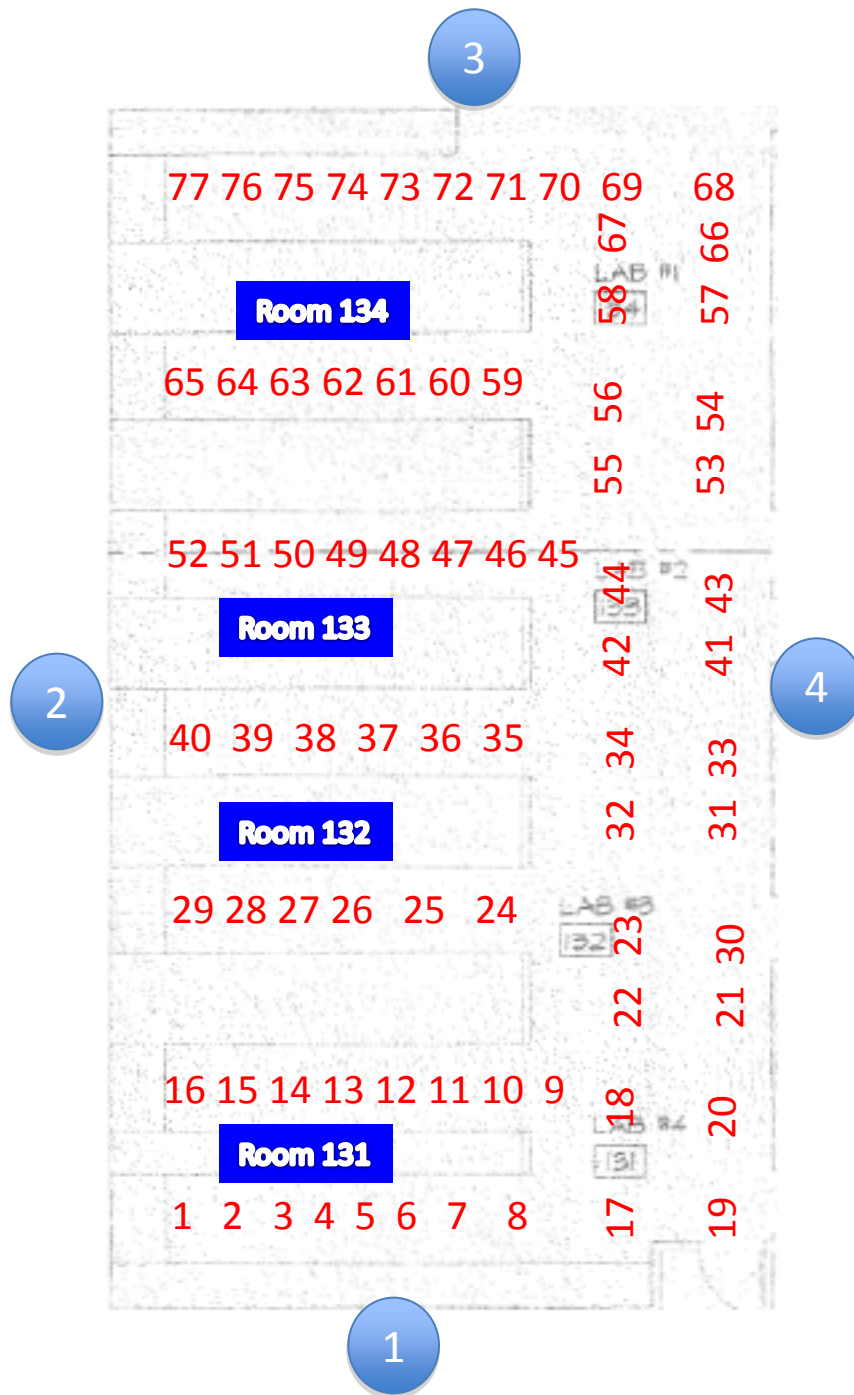
- Although the RSO and Management Representative believe to their best of their knowledge that isotopes were never used in rooms 131-134, room 174, room 427, room 309, room 310, RW2, and room 322, we proceeded with wipe sampling as though isotopes may have been used in these rooms. Under the simple survey plan group 2 in NUREG 1757, one wipe comprising 100 cm² per 300 ft² 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 cm² = ~15 in² = 0.107 ft² for a sample size. 0.107 as ratio of 300 ft² = 0.00035

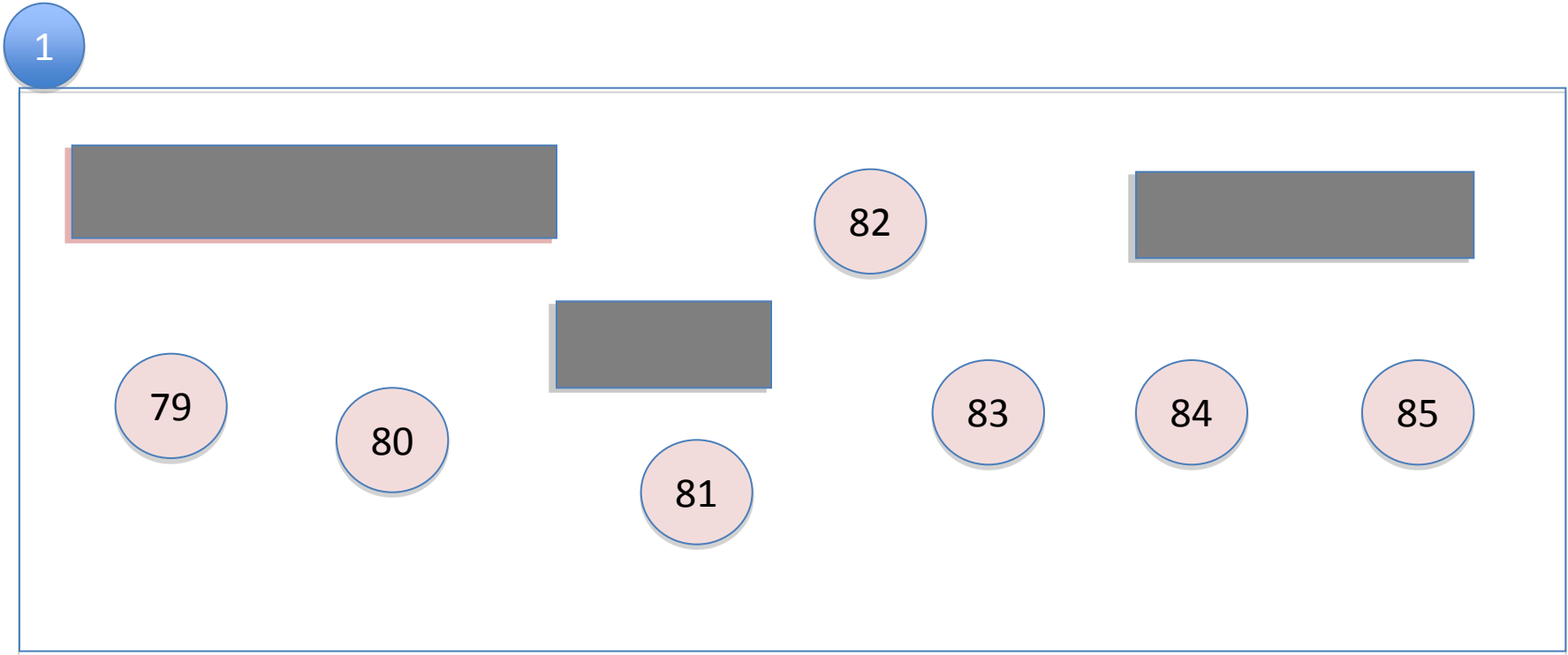
Rooms 131-134

1,150 sq ft floor space

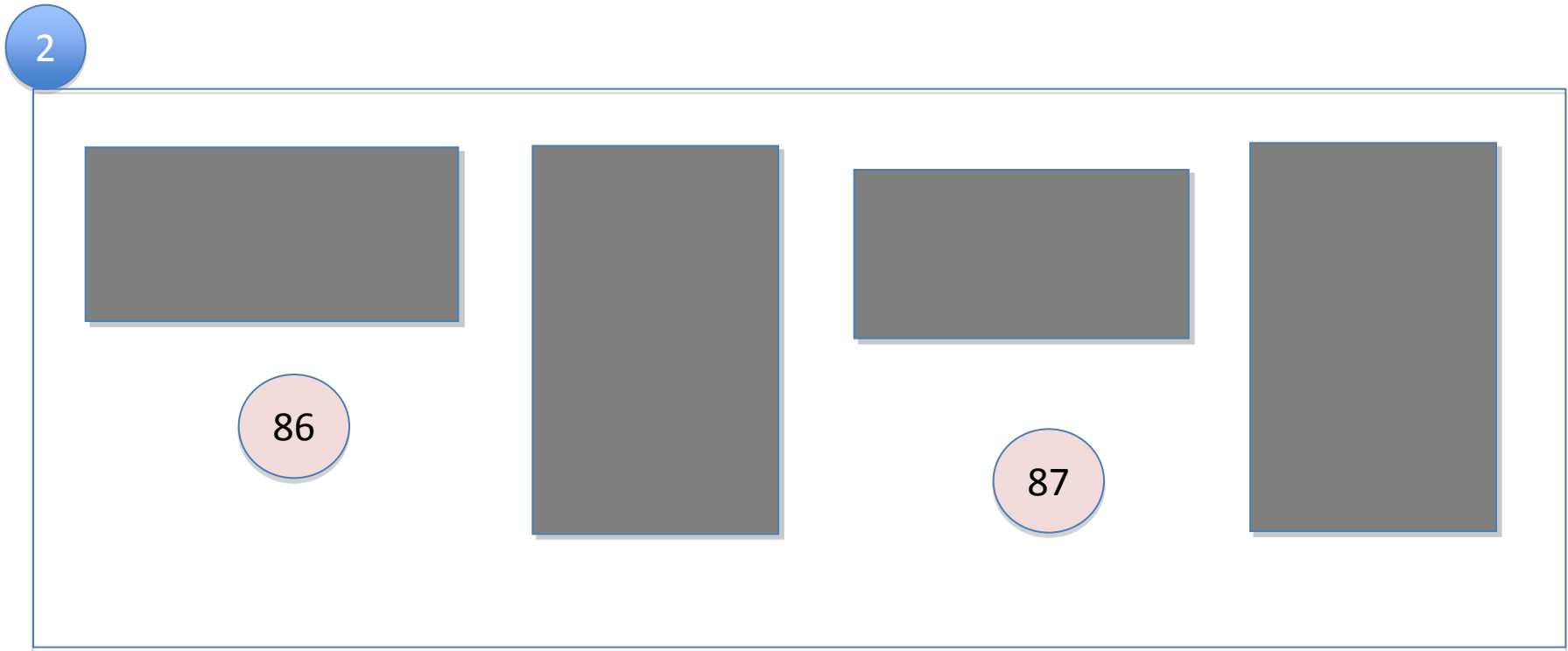
Avg sq ft/wipe: 14.9



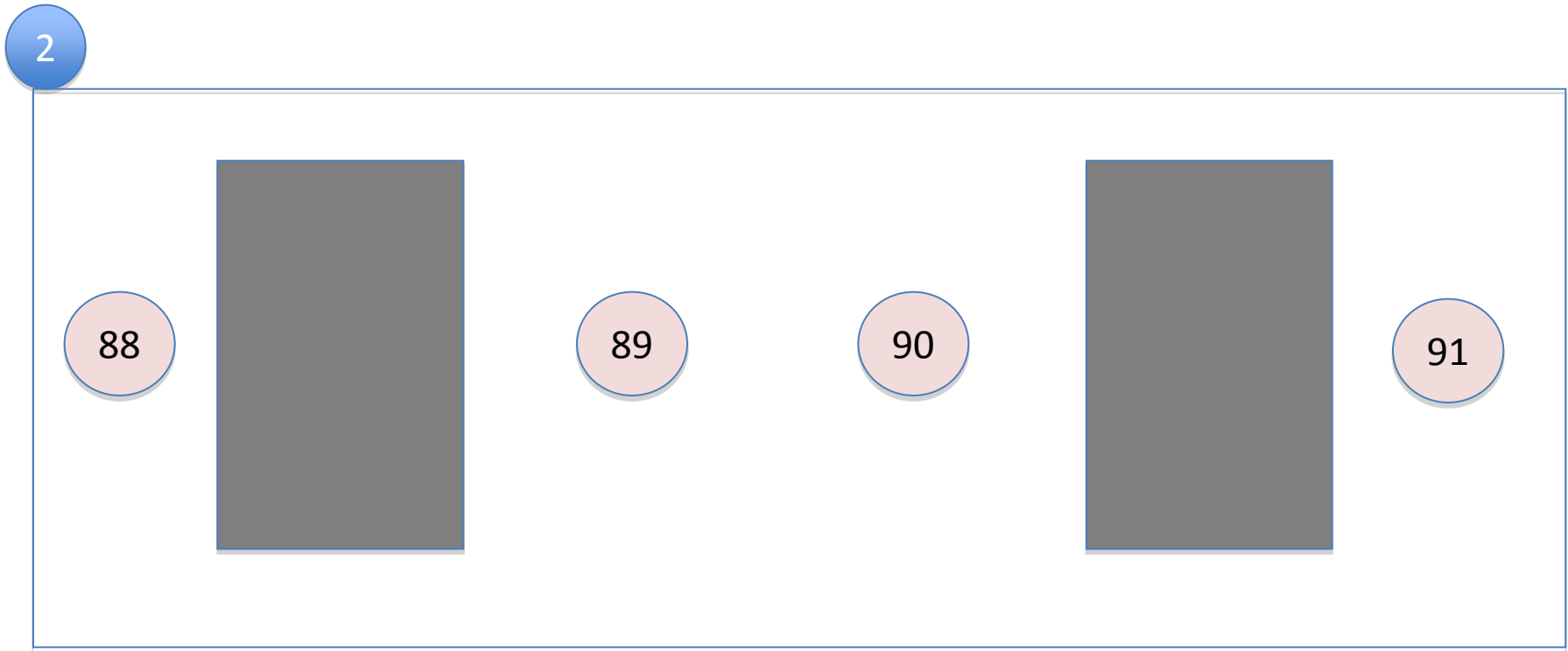
Rooms 131-134
Walls 1-4



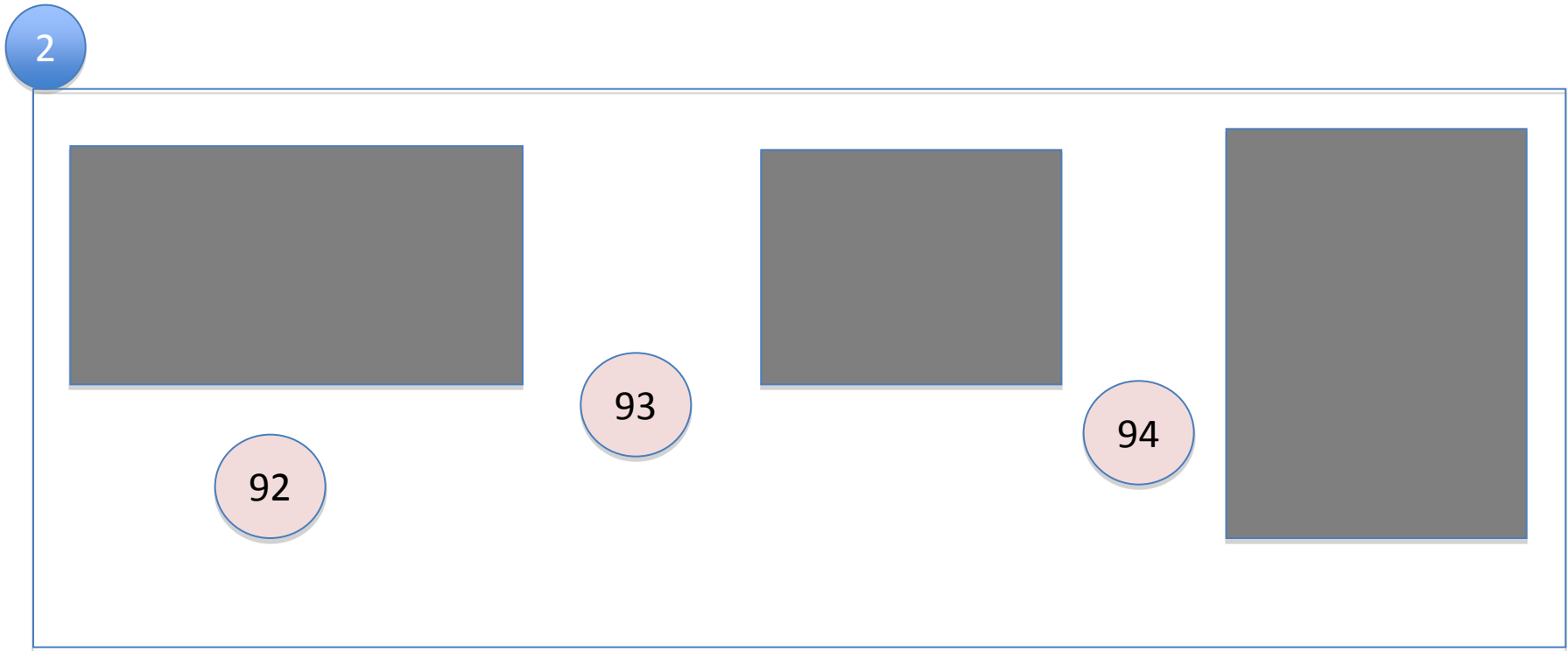
Rooms 131-134



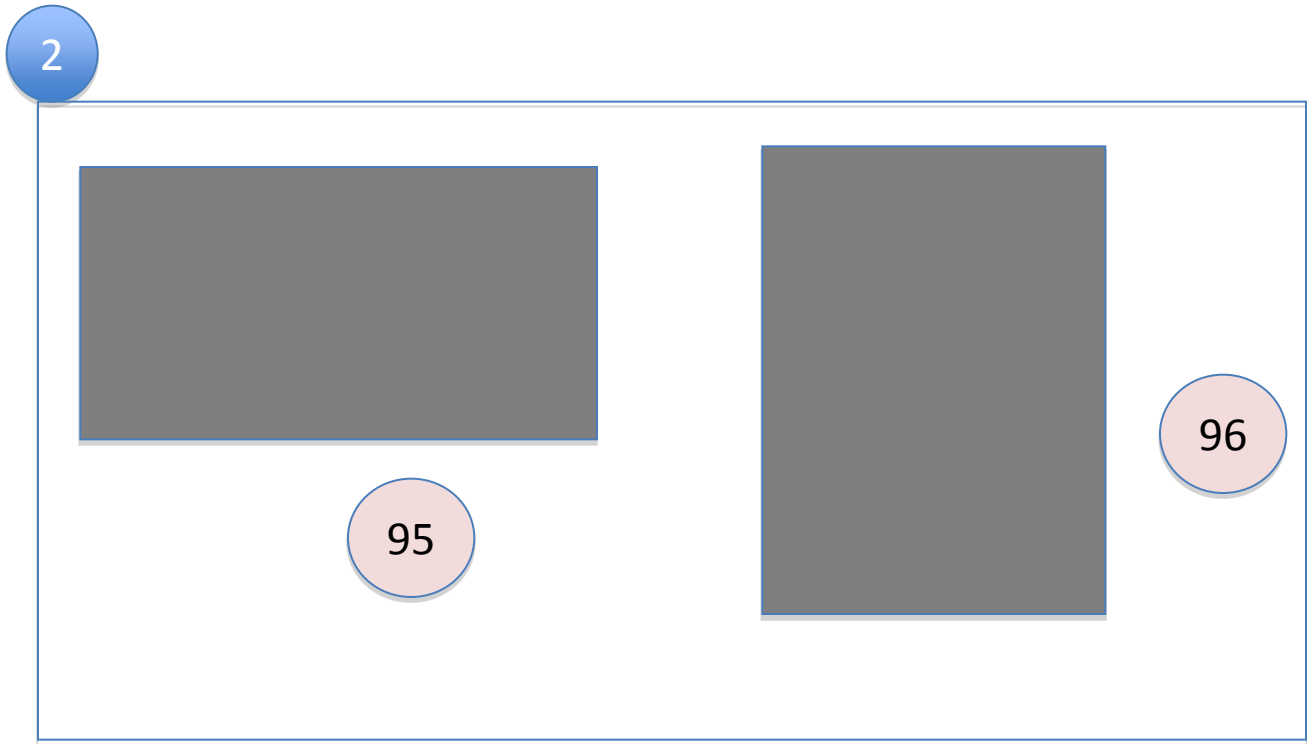
Rooms 131-134



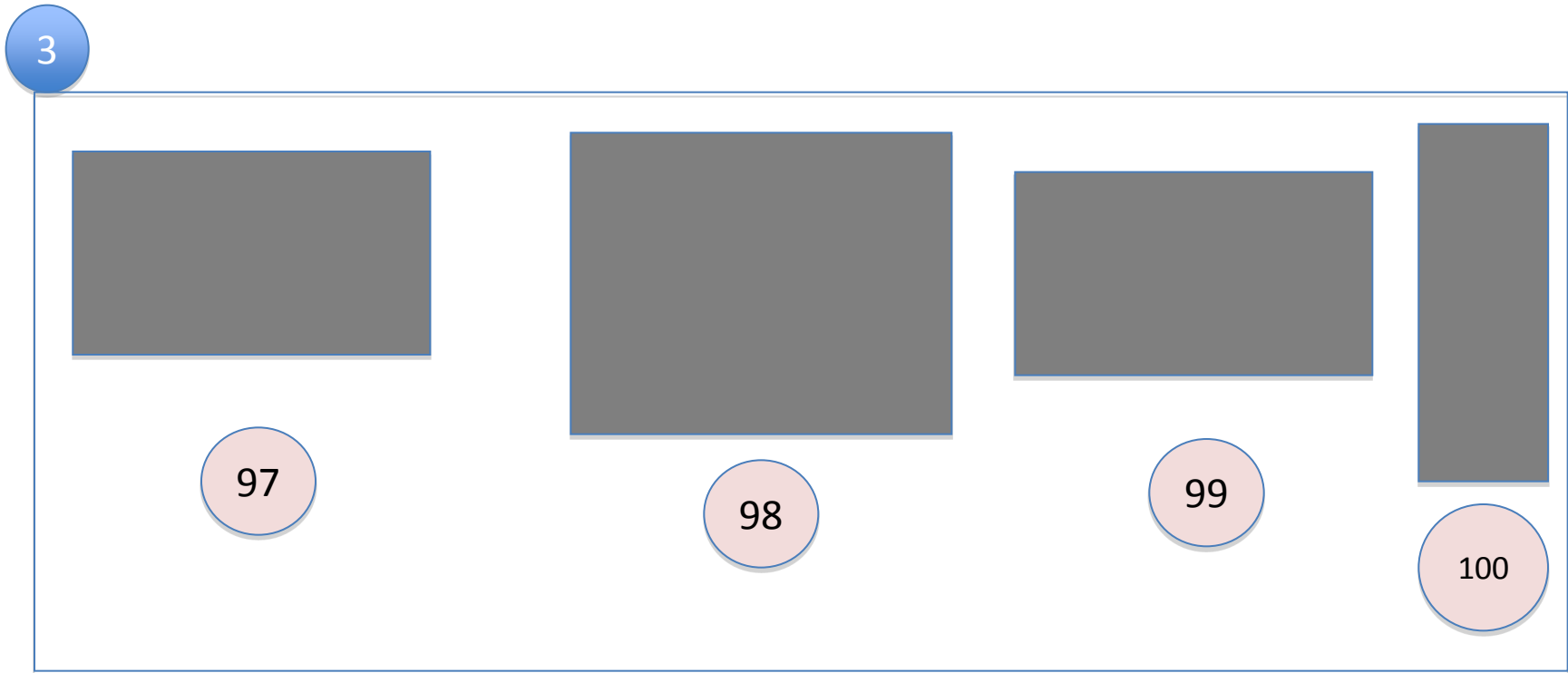
Rooms 131-134



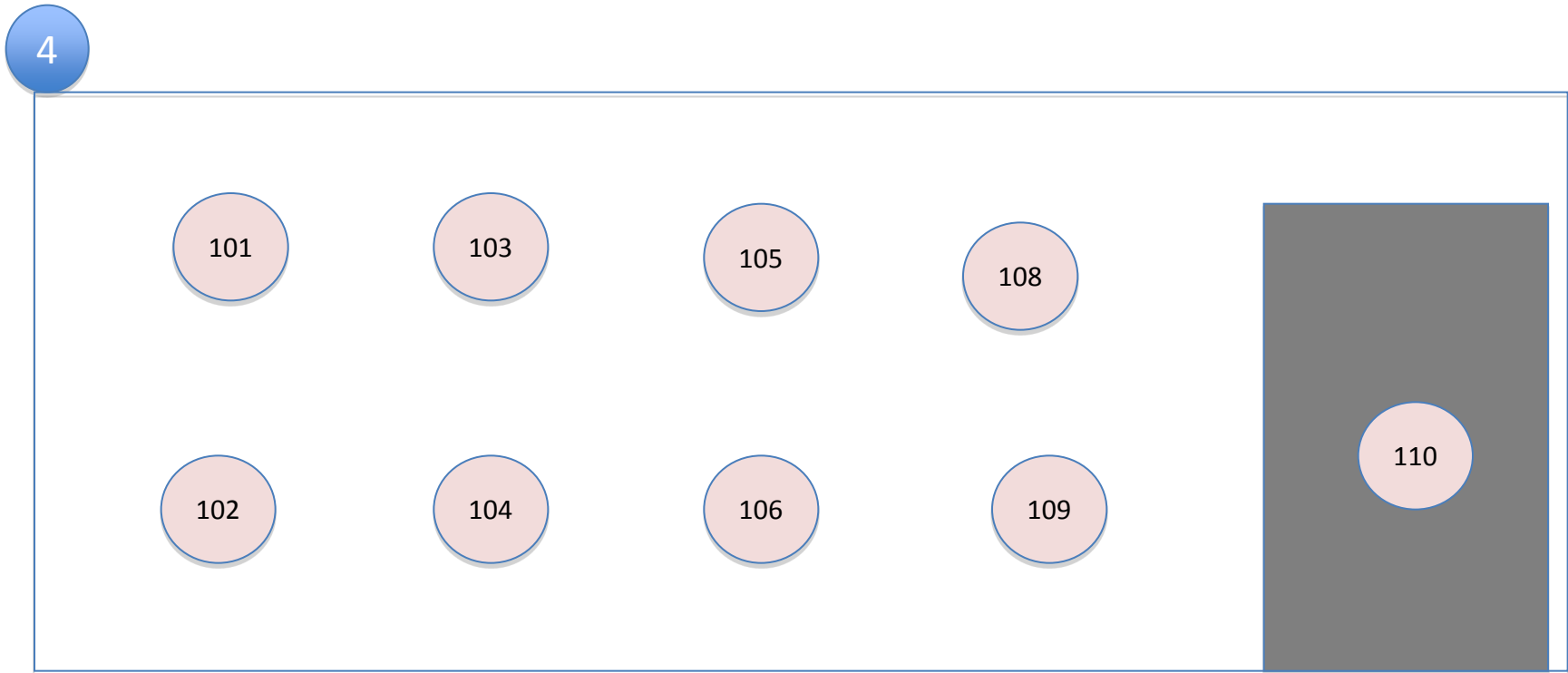
Rooms 131-134



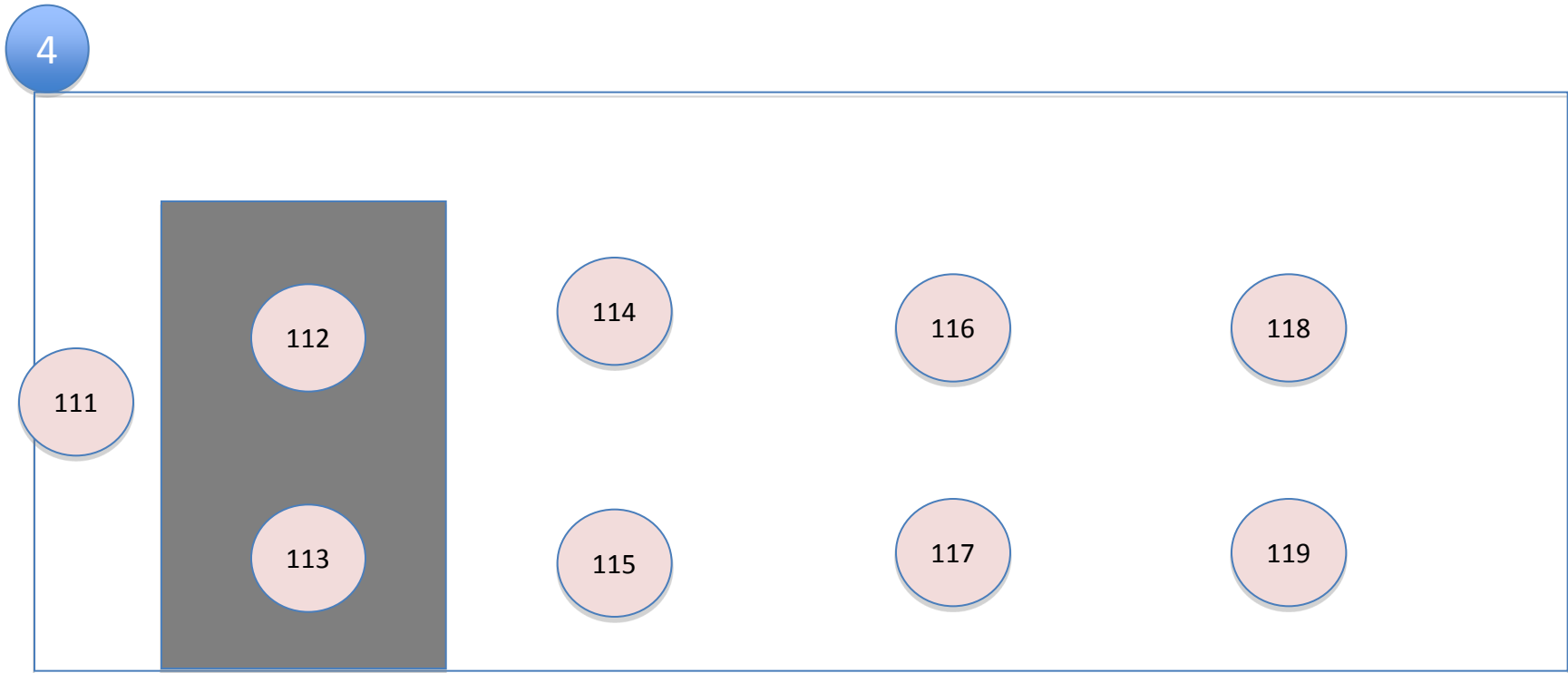
Rooms 131-134



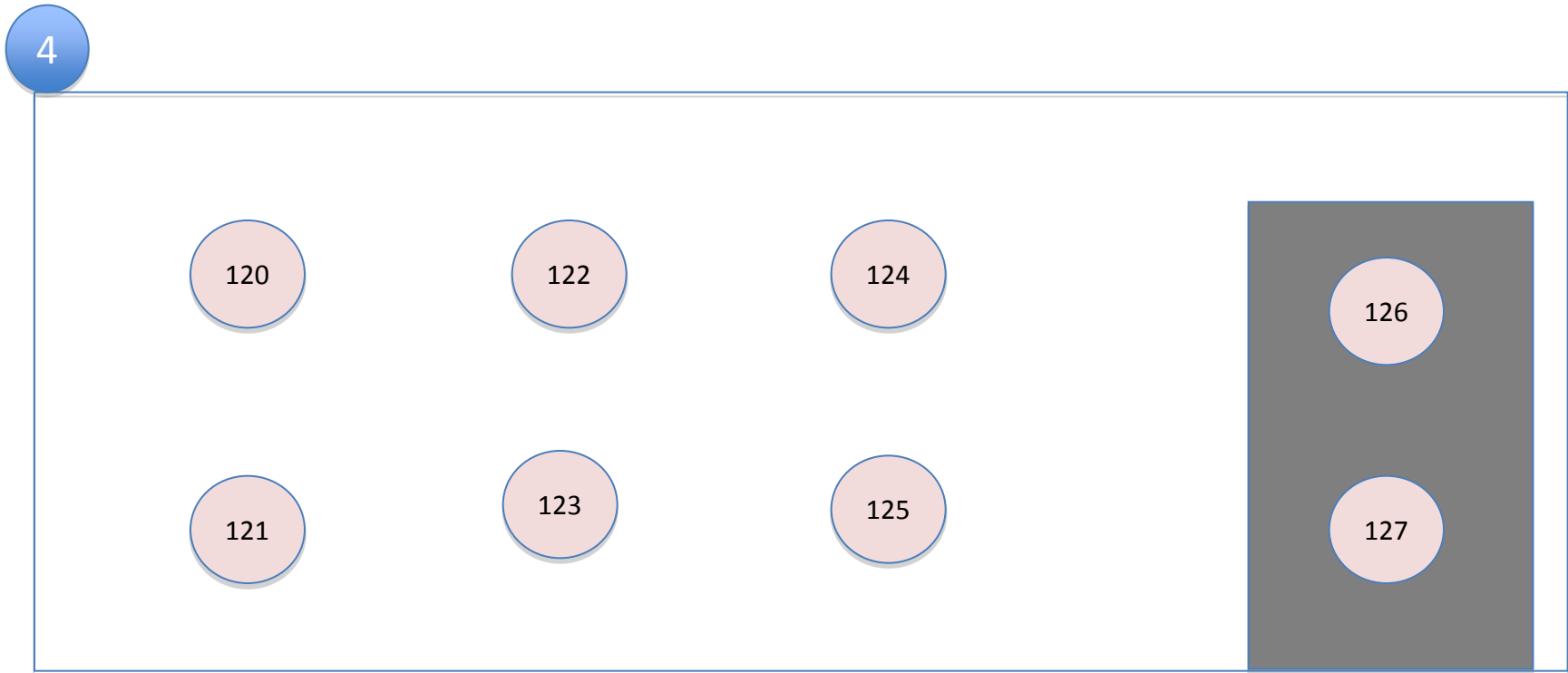
Rooms 131-134



Rooms 131-134



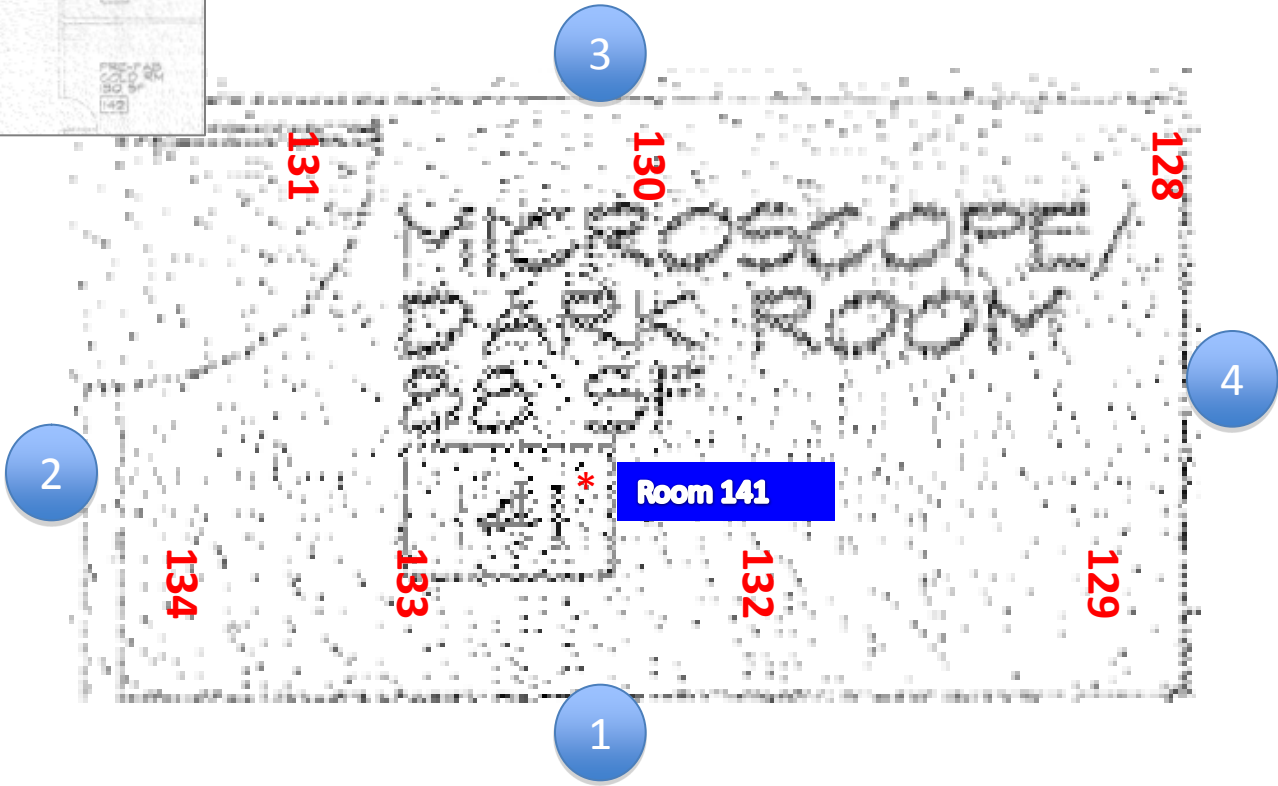
Rooms 131-134



Room 141

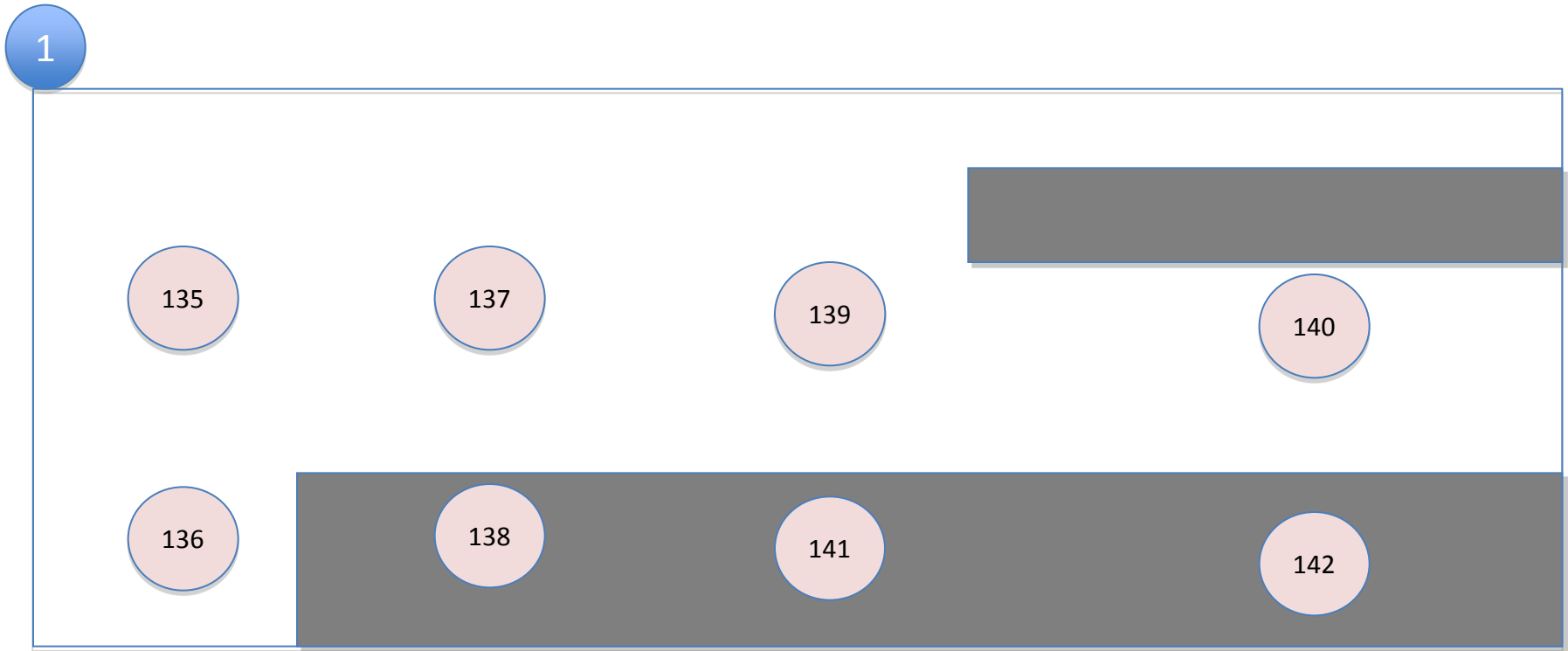
88 sq ft floor space

Avg sq ft/wipe: 12.6

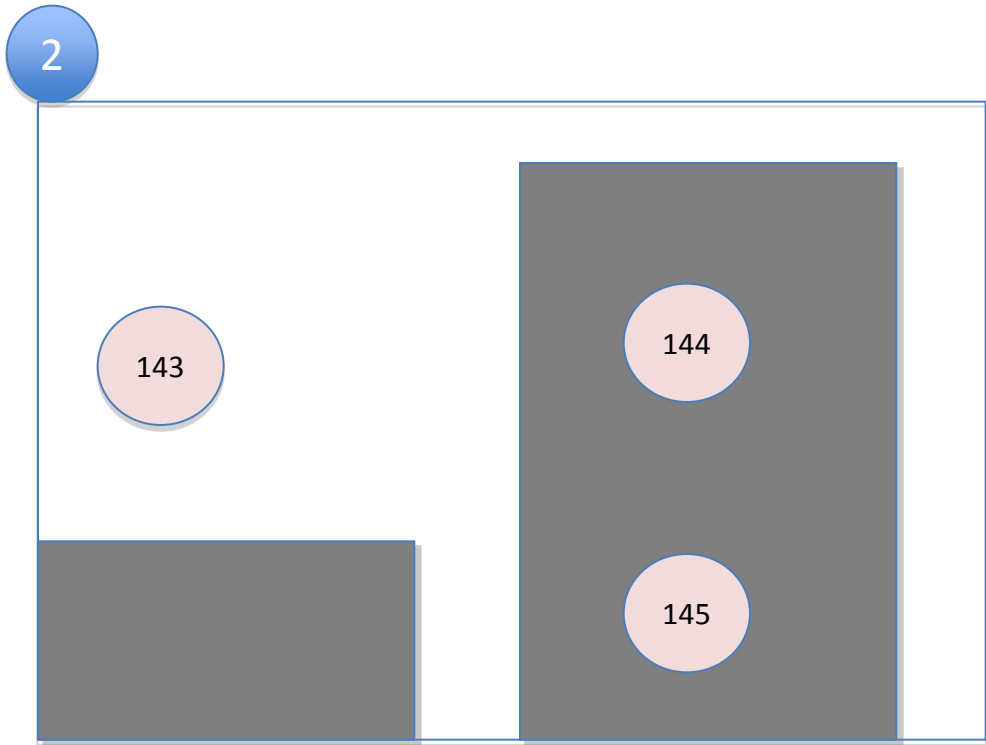


n = walls

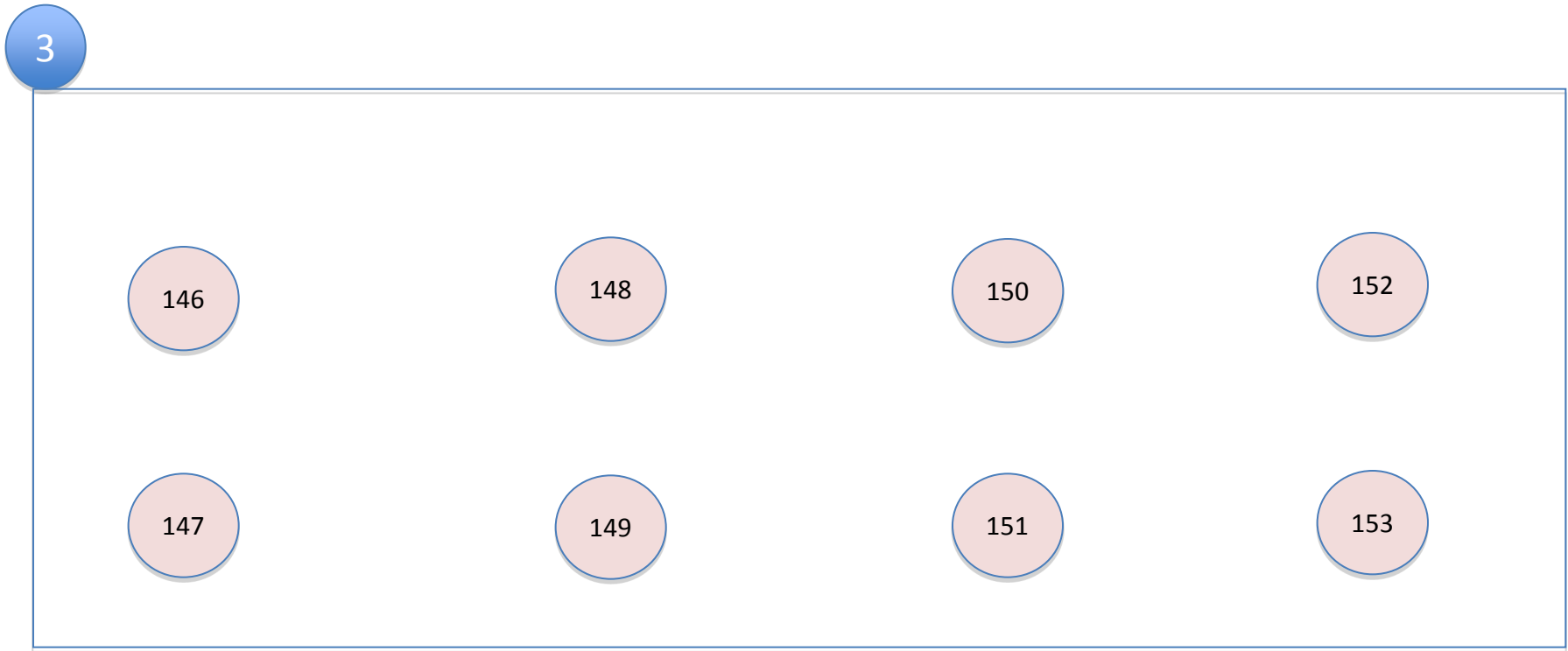
Room 141
Walls 1-4



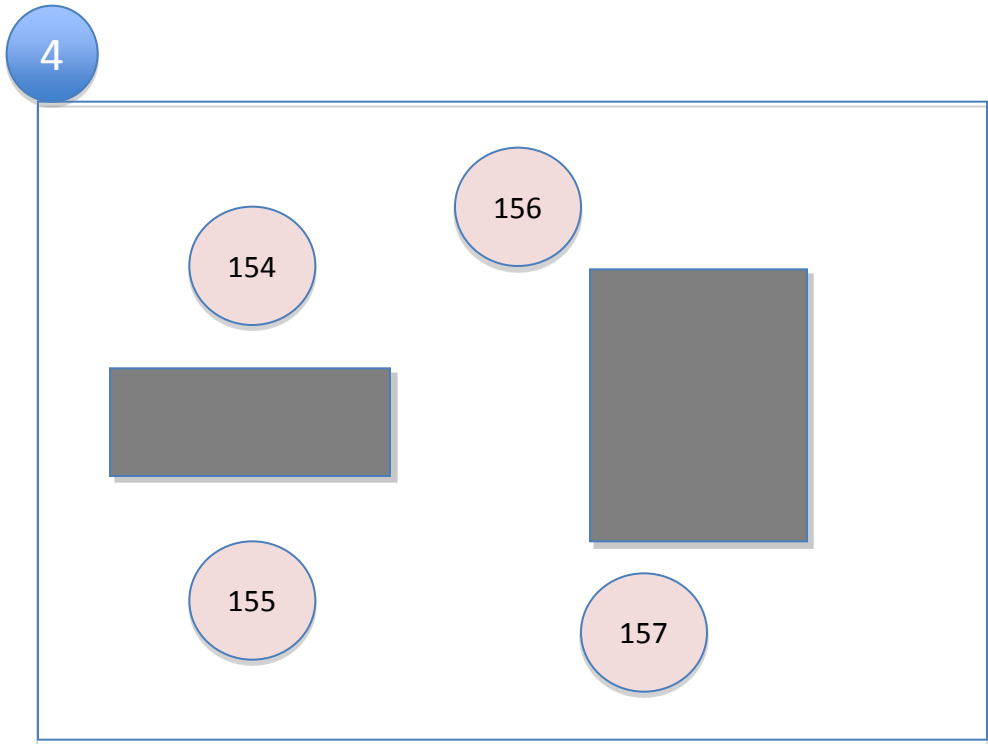
Room 141



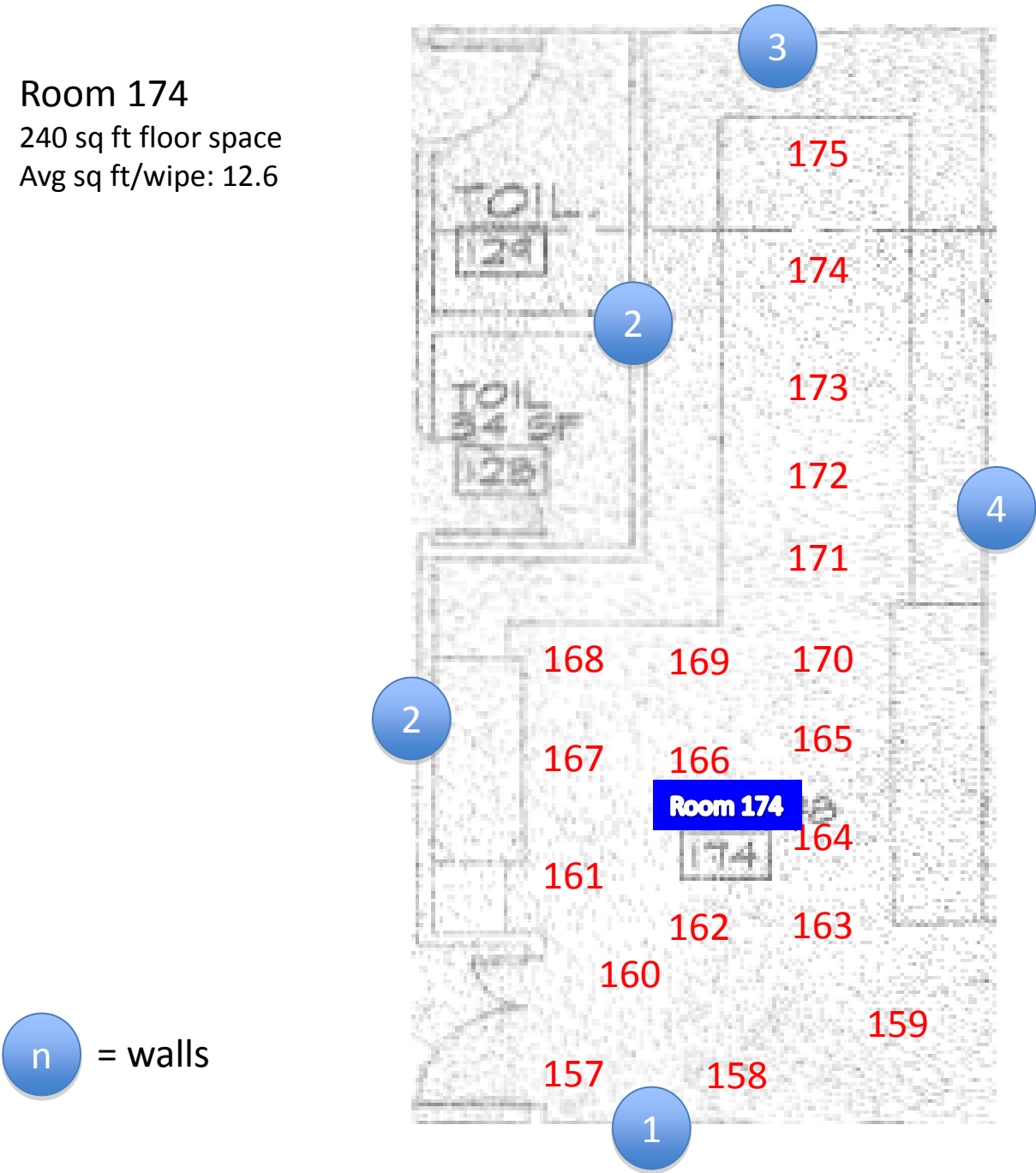
Room 141



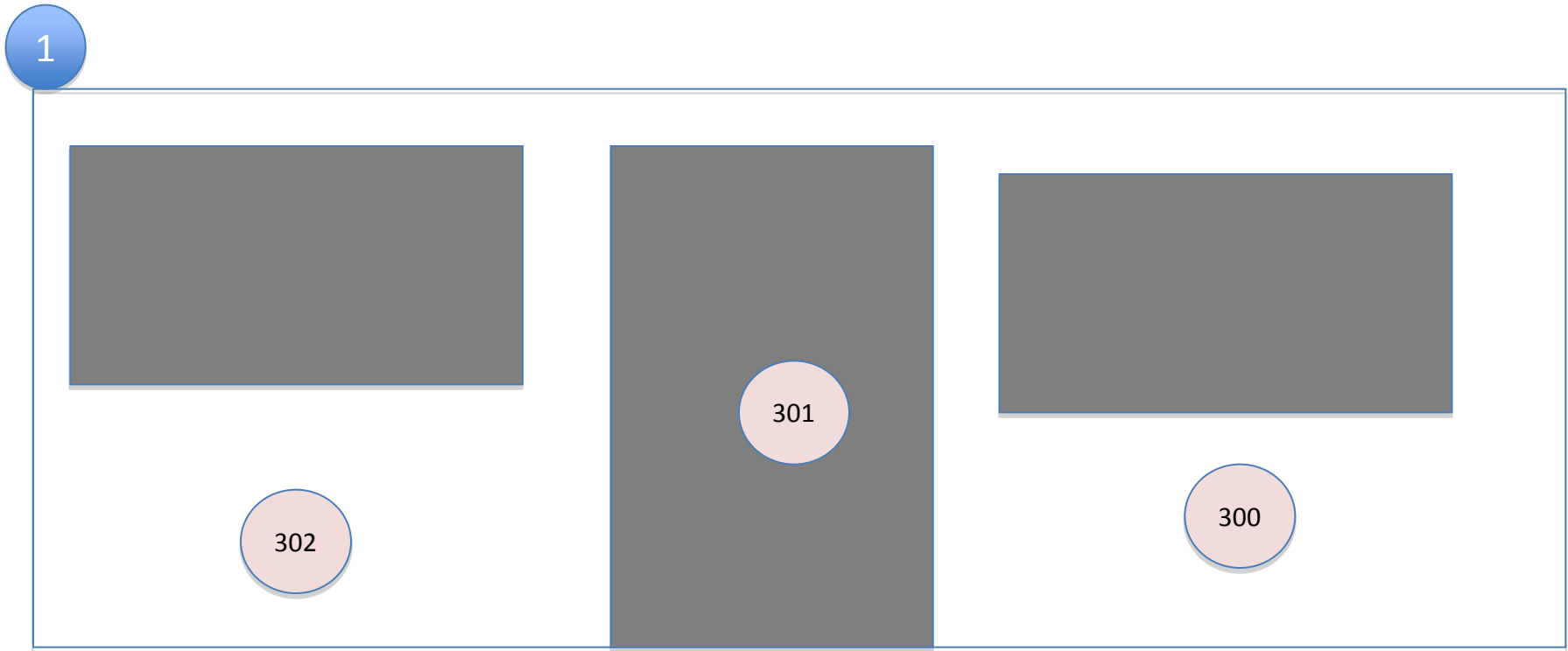
Room 141



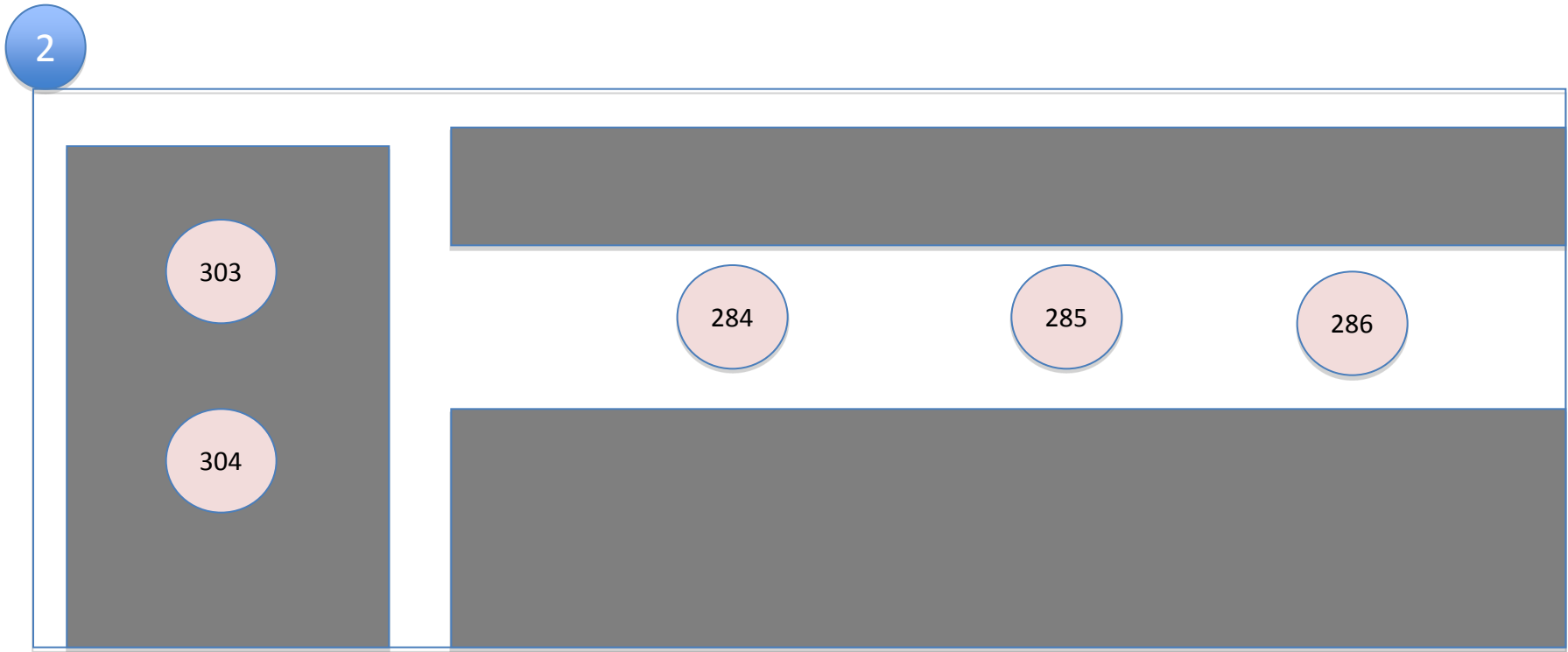
Room 174
240 sq ft floor space
Avg sq ft/wipe: 12.6



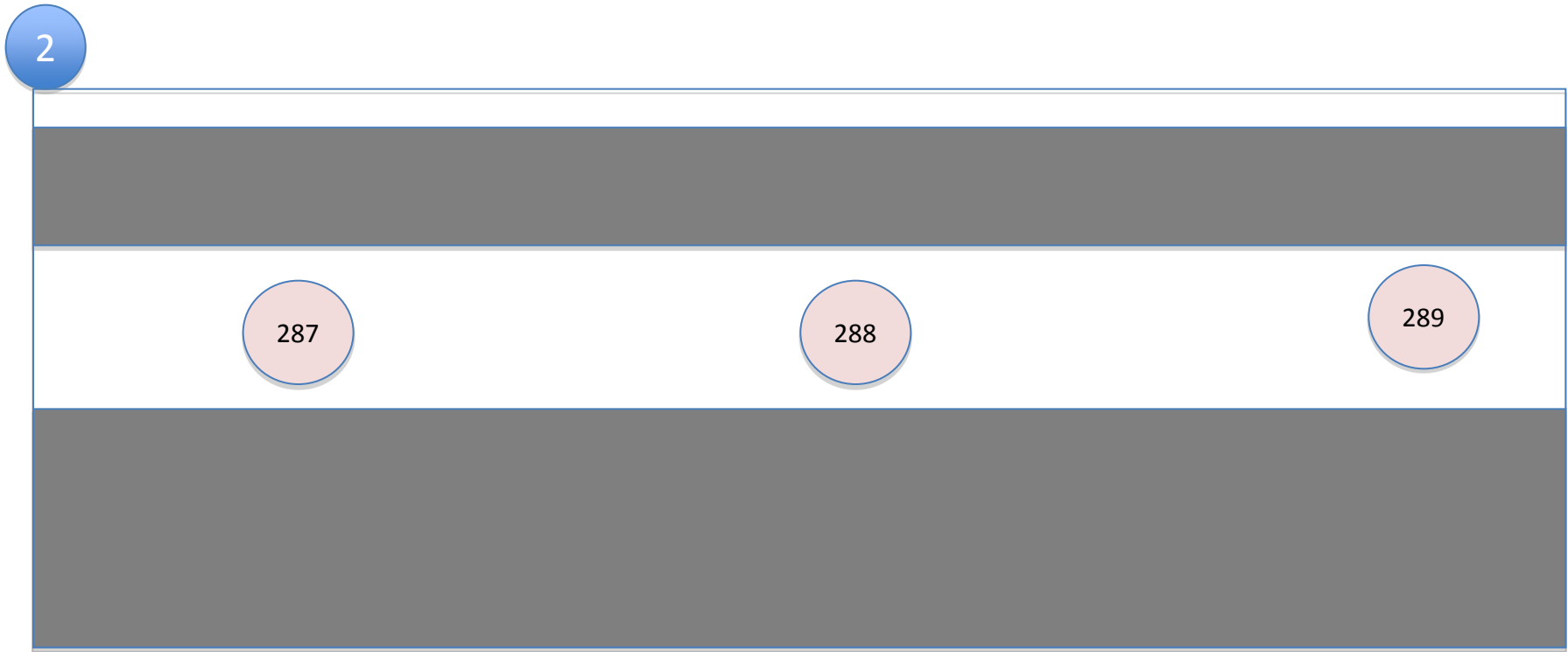
Room 174
Walls 1-4



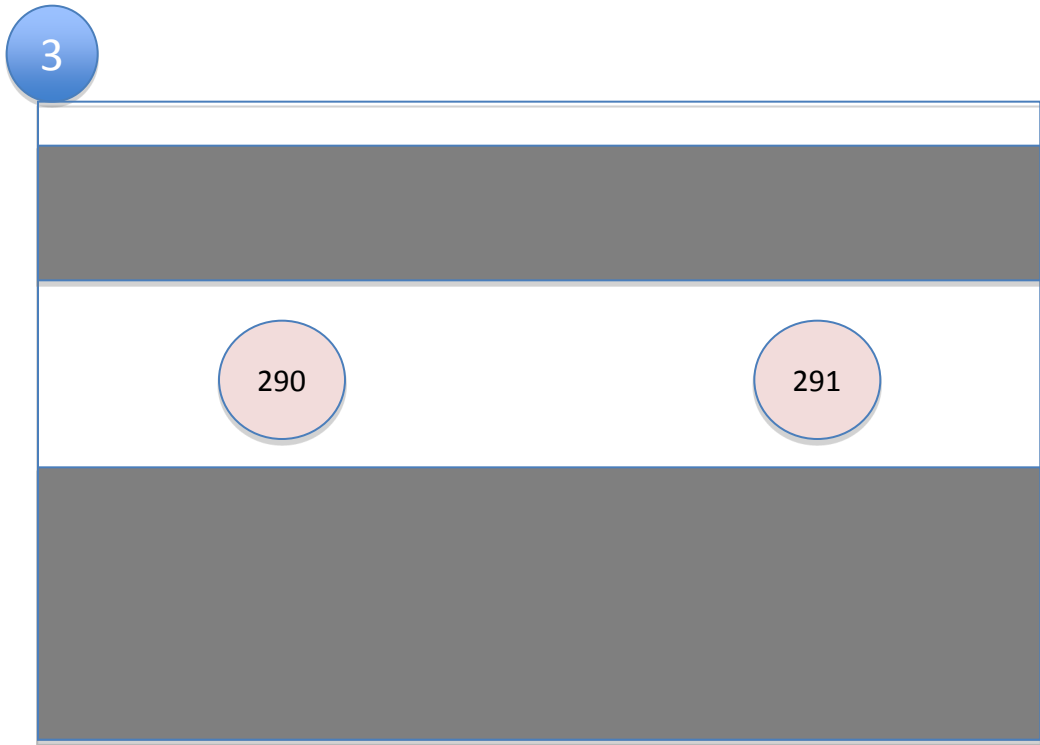
Room 174



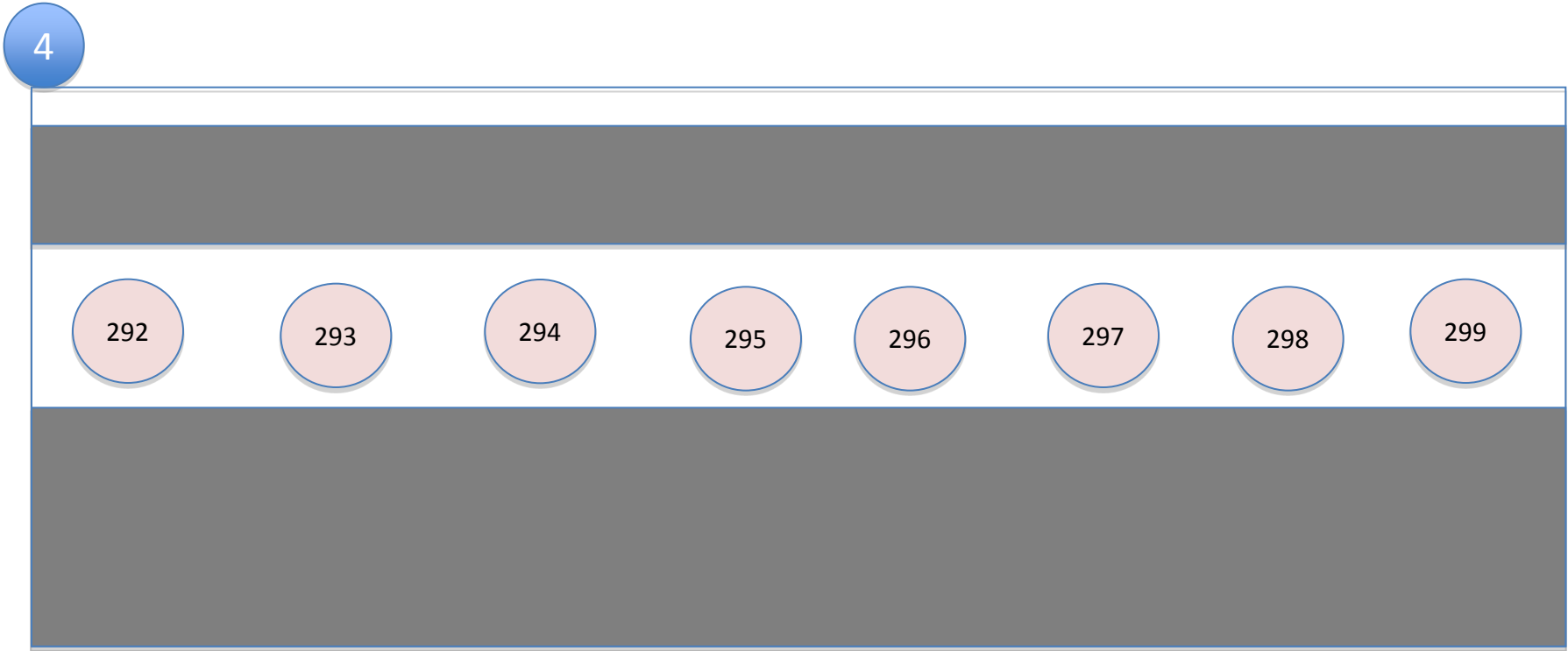
Room 174



Room 174



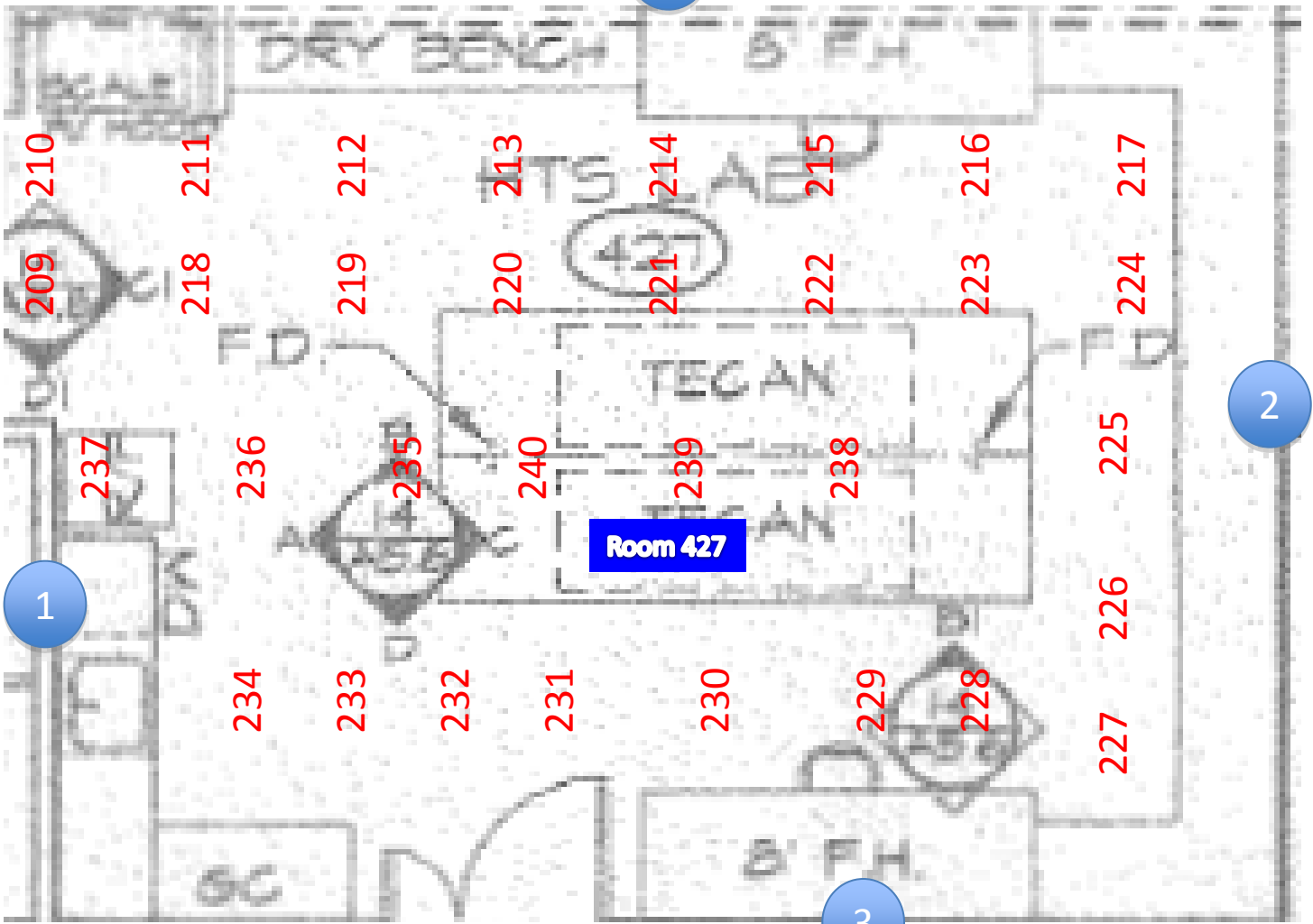
Room 174



Room 427

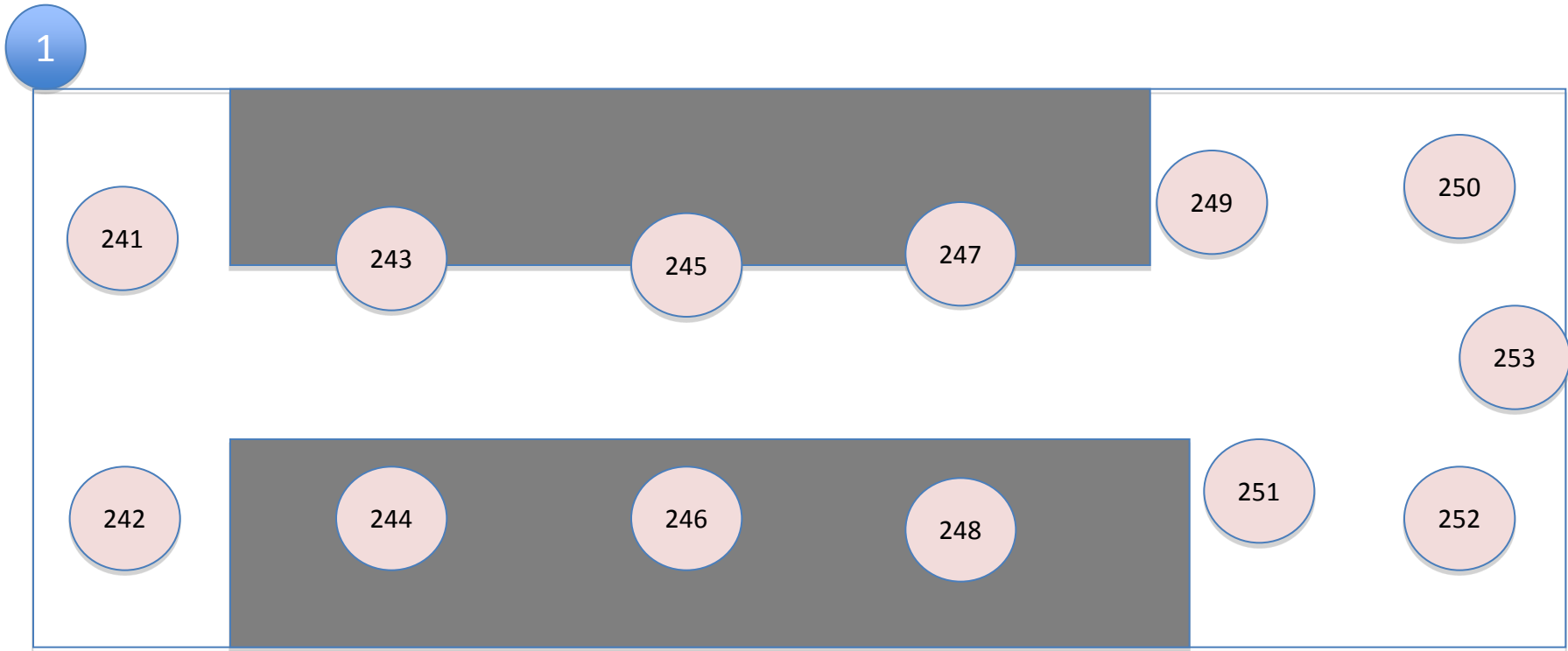
375 sq ft floor space

Avg sq ft/wipe: 12.1

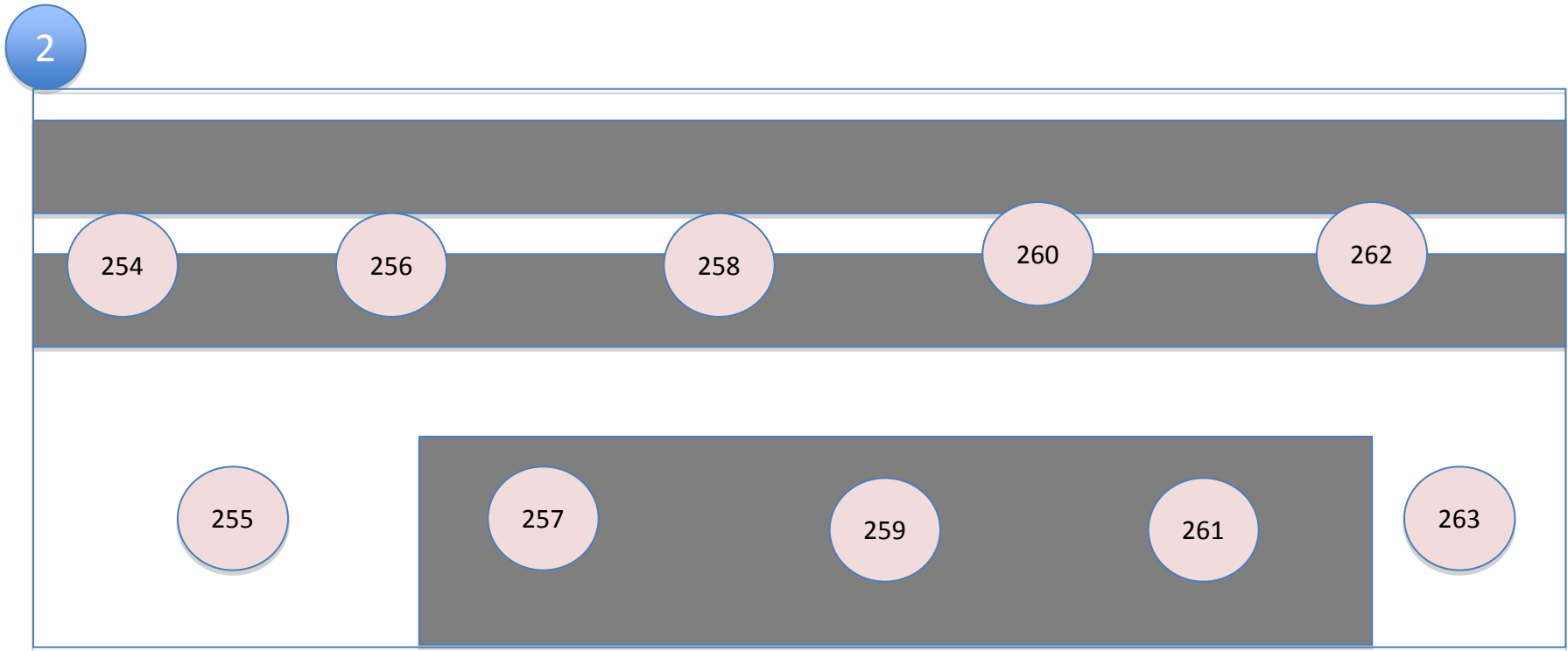


n = walls

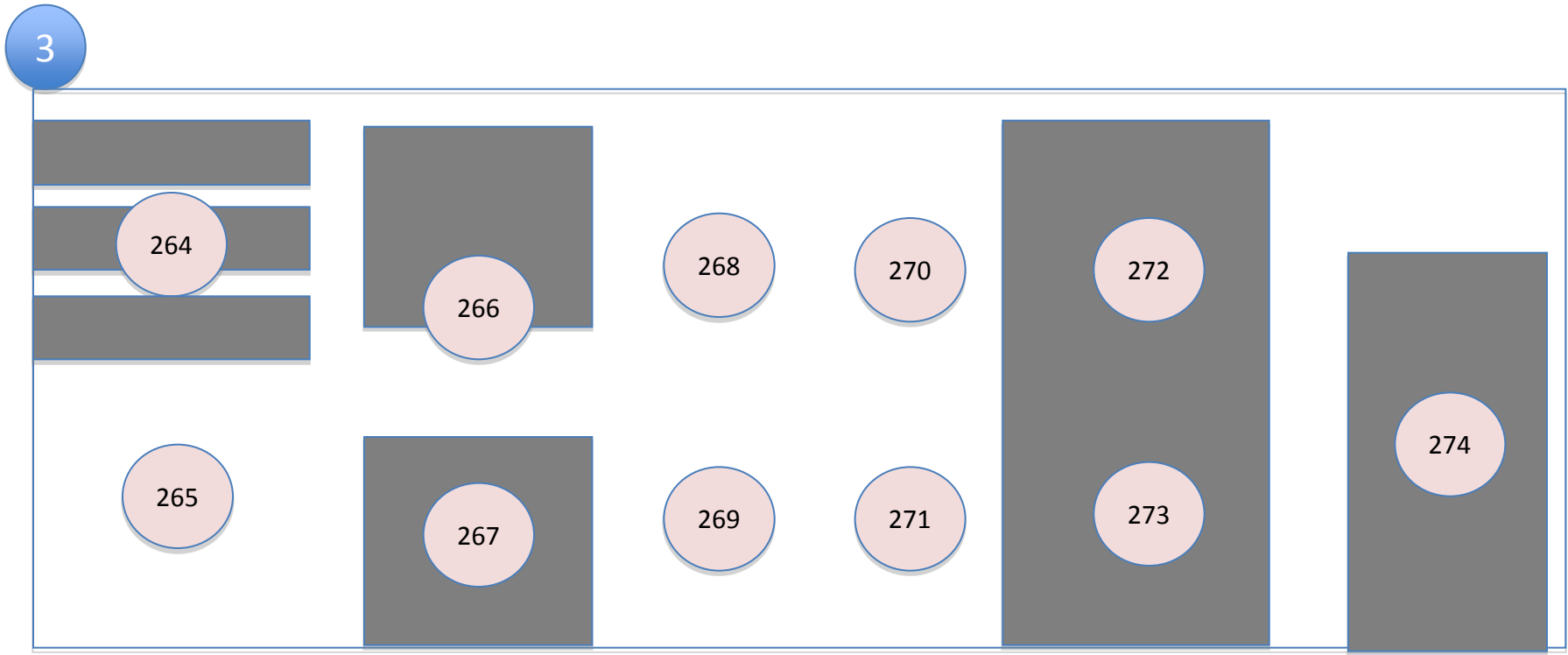
Room 427
Walls 1-4



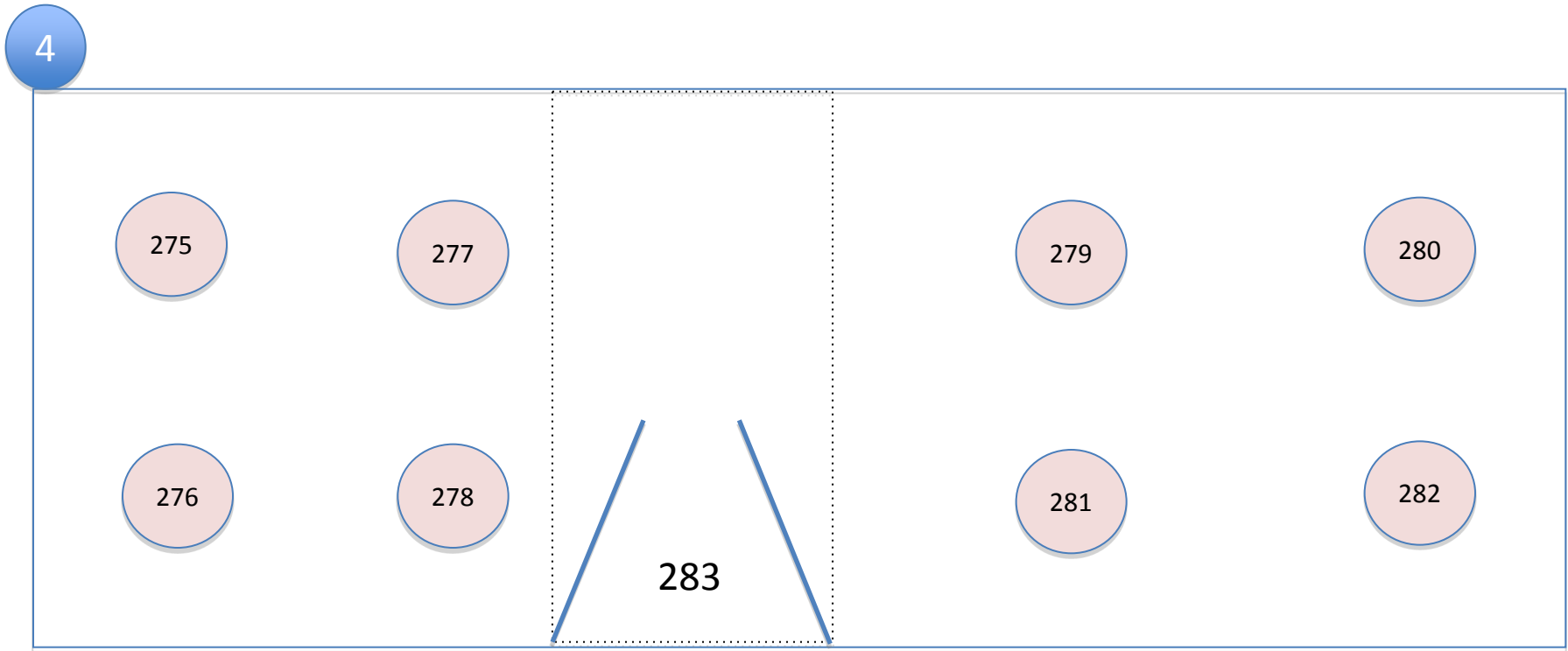
Room 427

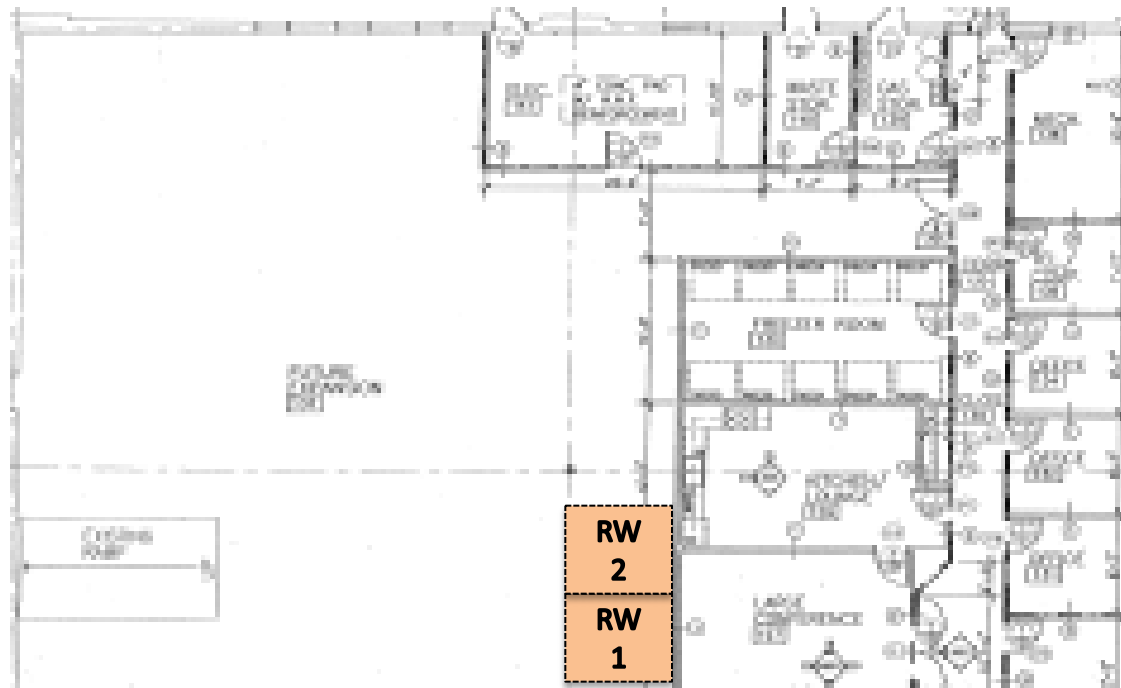


Room 427



Room 427



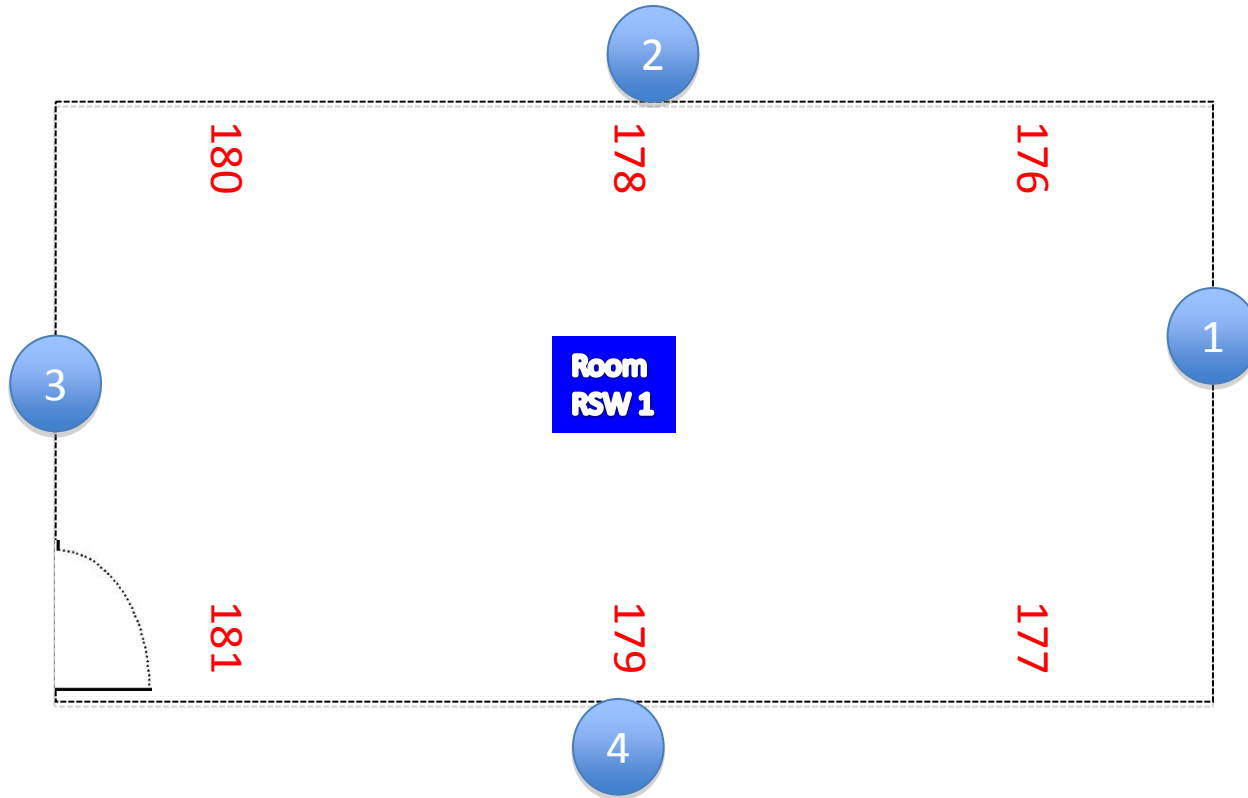


RSW 1 and RSW 2 built after final floor plan; hence, square footage is an estimate

RW 1

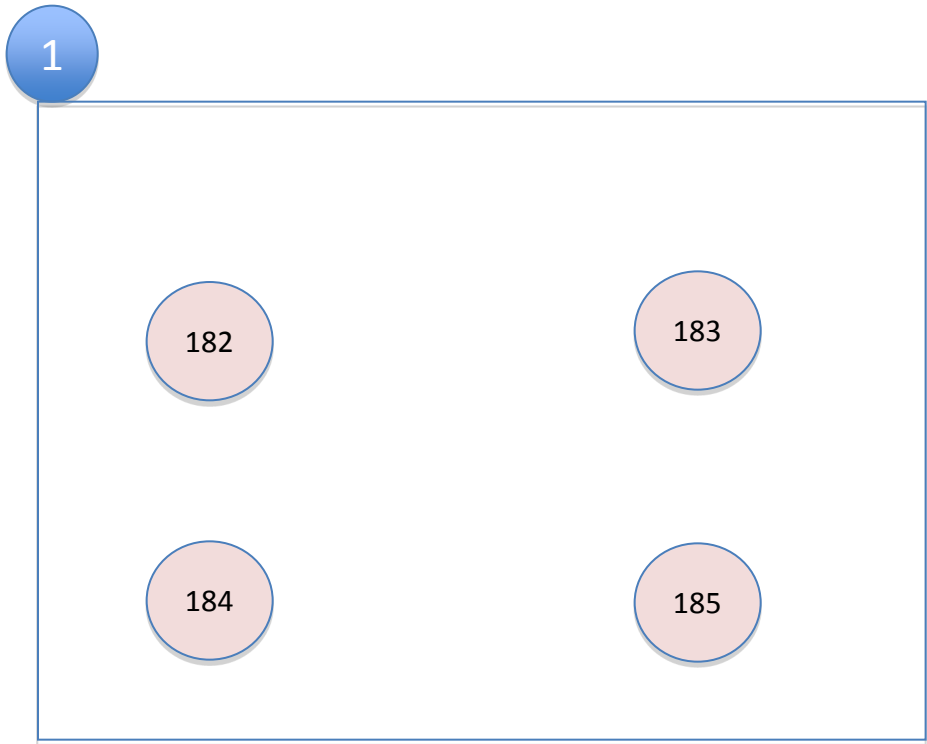
70 sq ft floor space (est.)

Avg sq ft/wipe: 11.7



n = walls

RW 1
Walls 1-4



RW 1

2

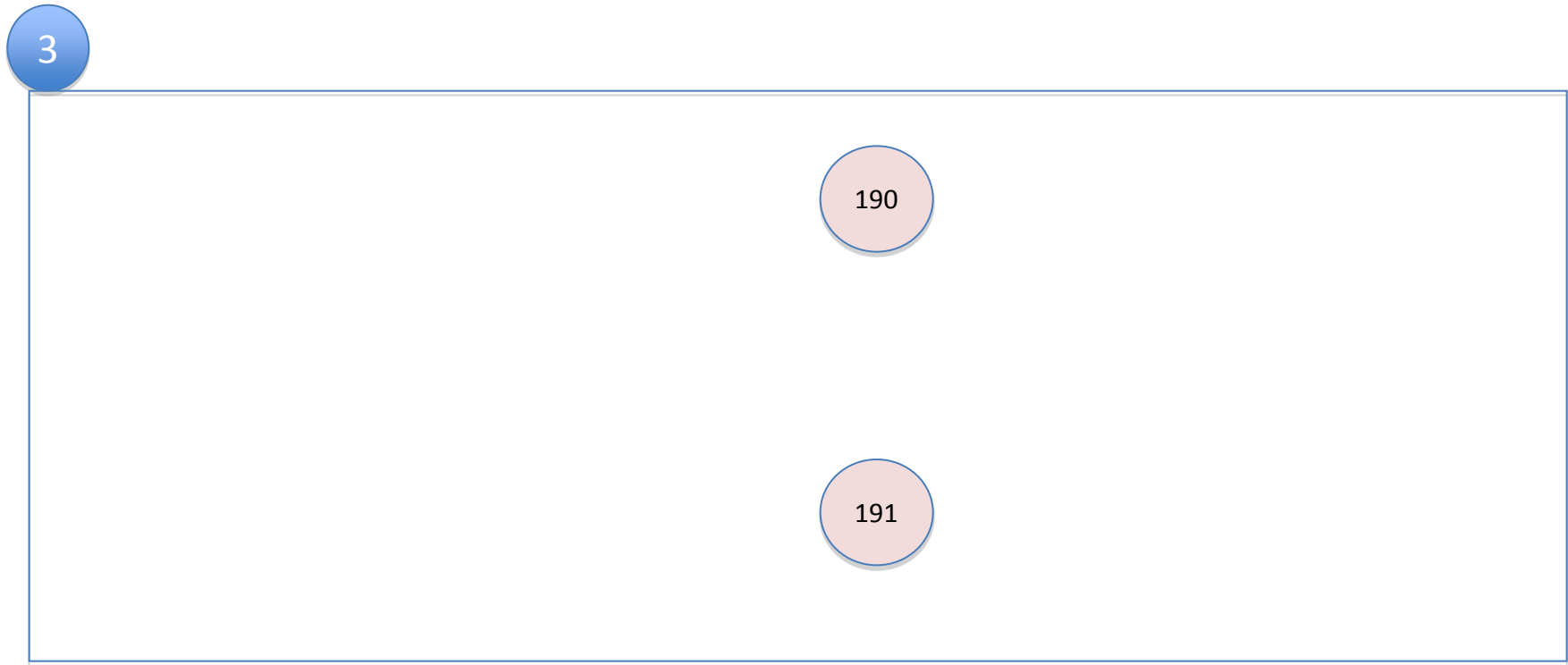
186

187

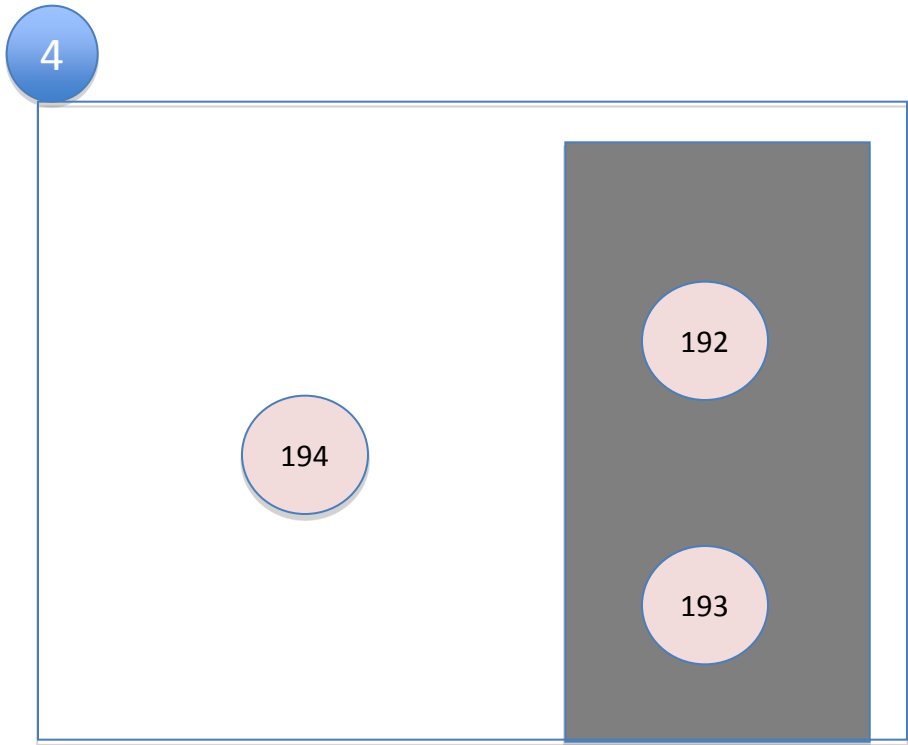
188

189

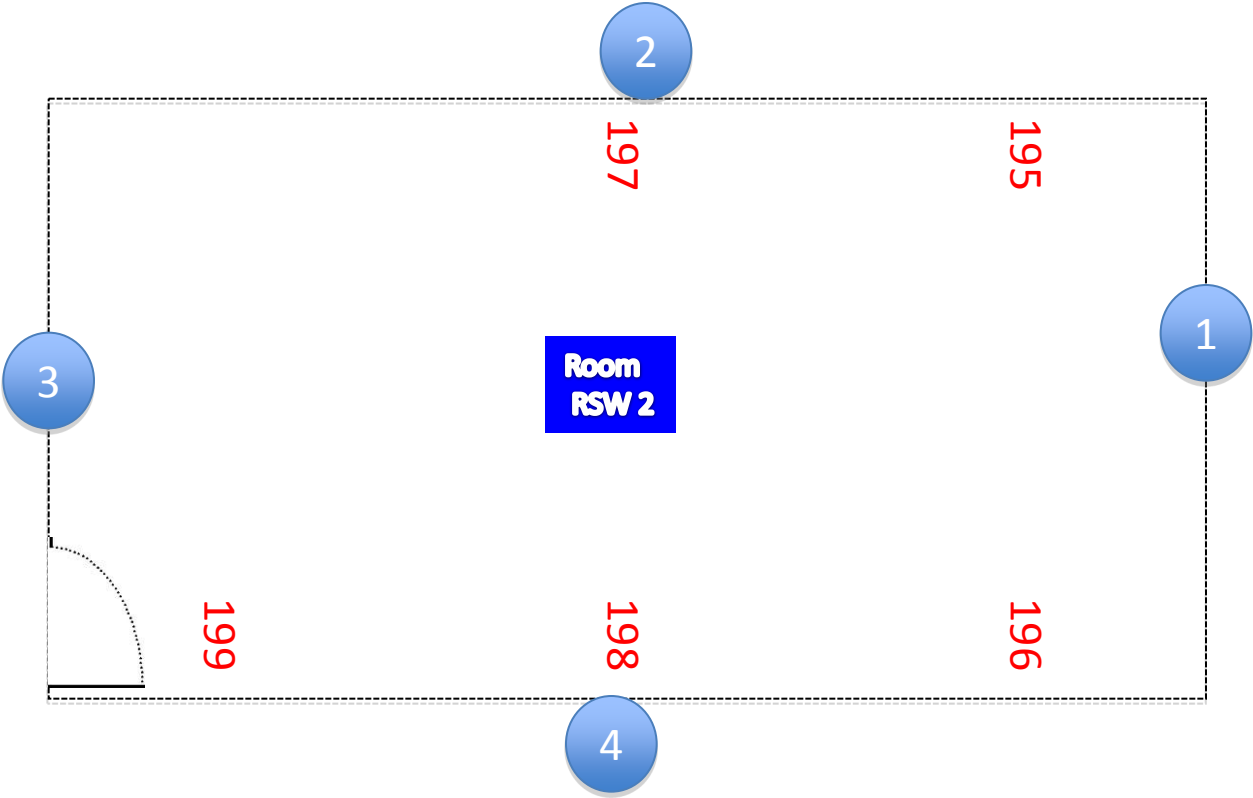
RW 1



RW 1

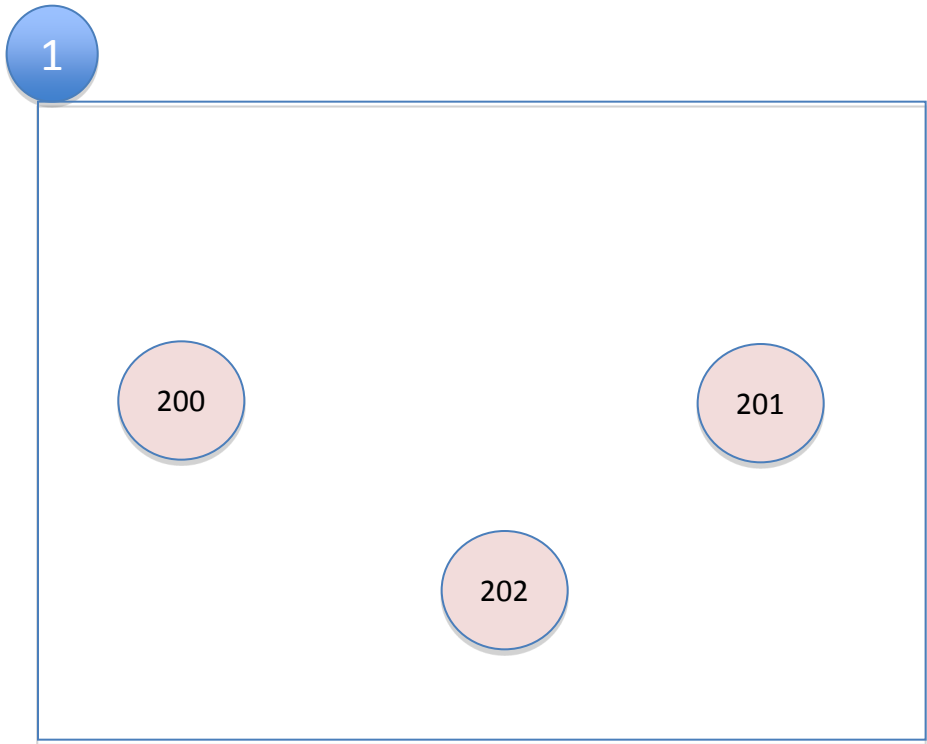


RW 2
70 sq ft floor space(est.)
Avg sq ft/wipe: 14

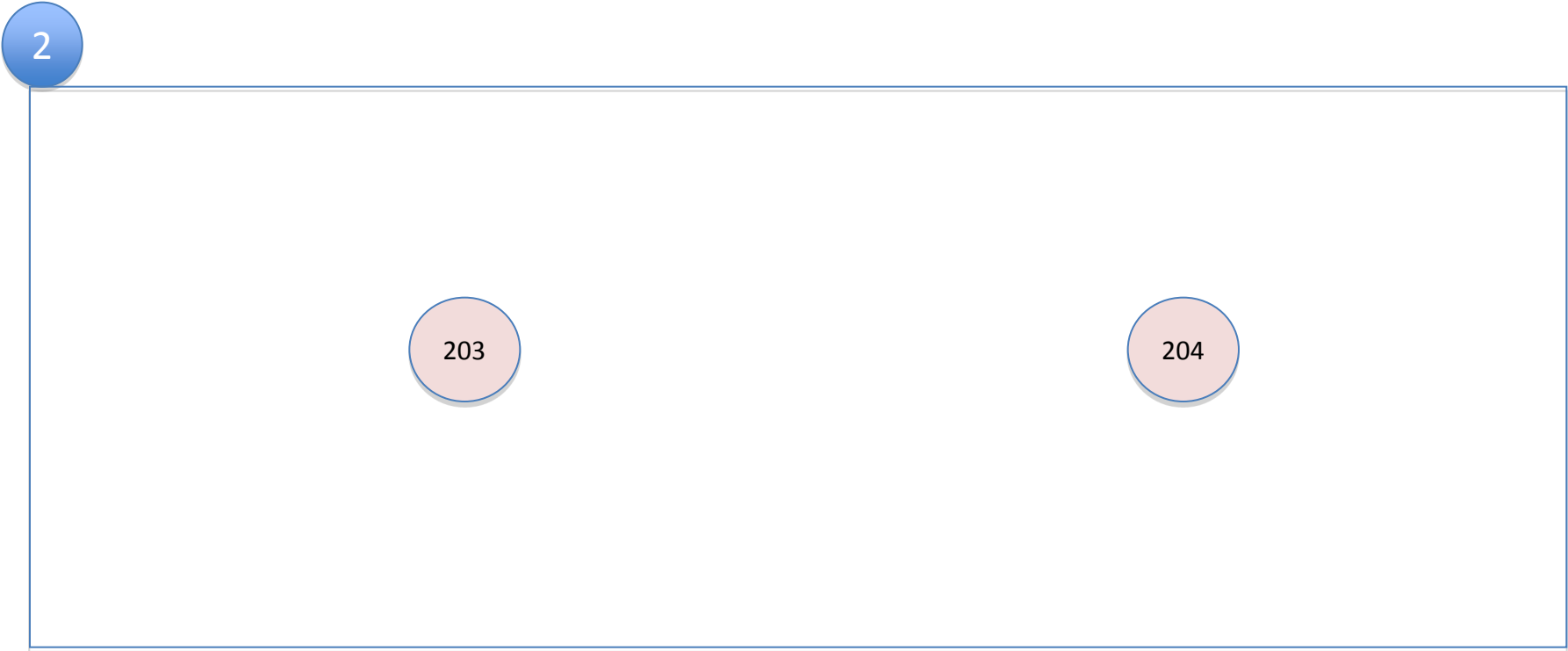


n = walls

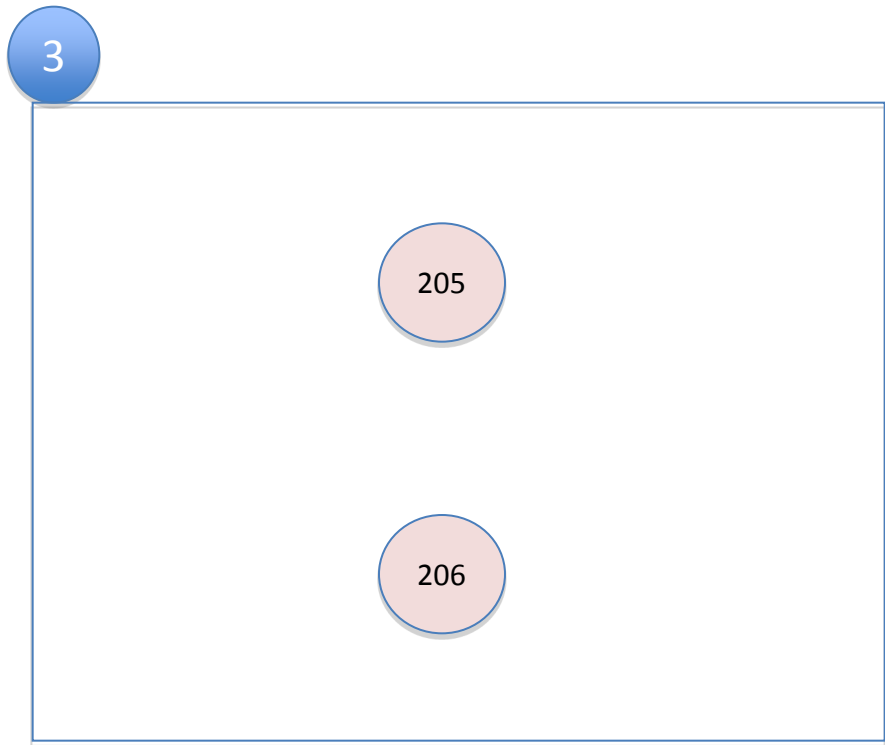
RW 2
Walls 1-4

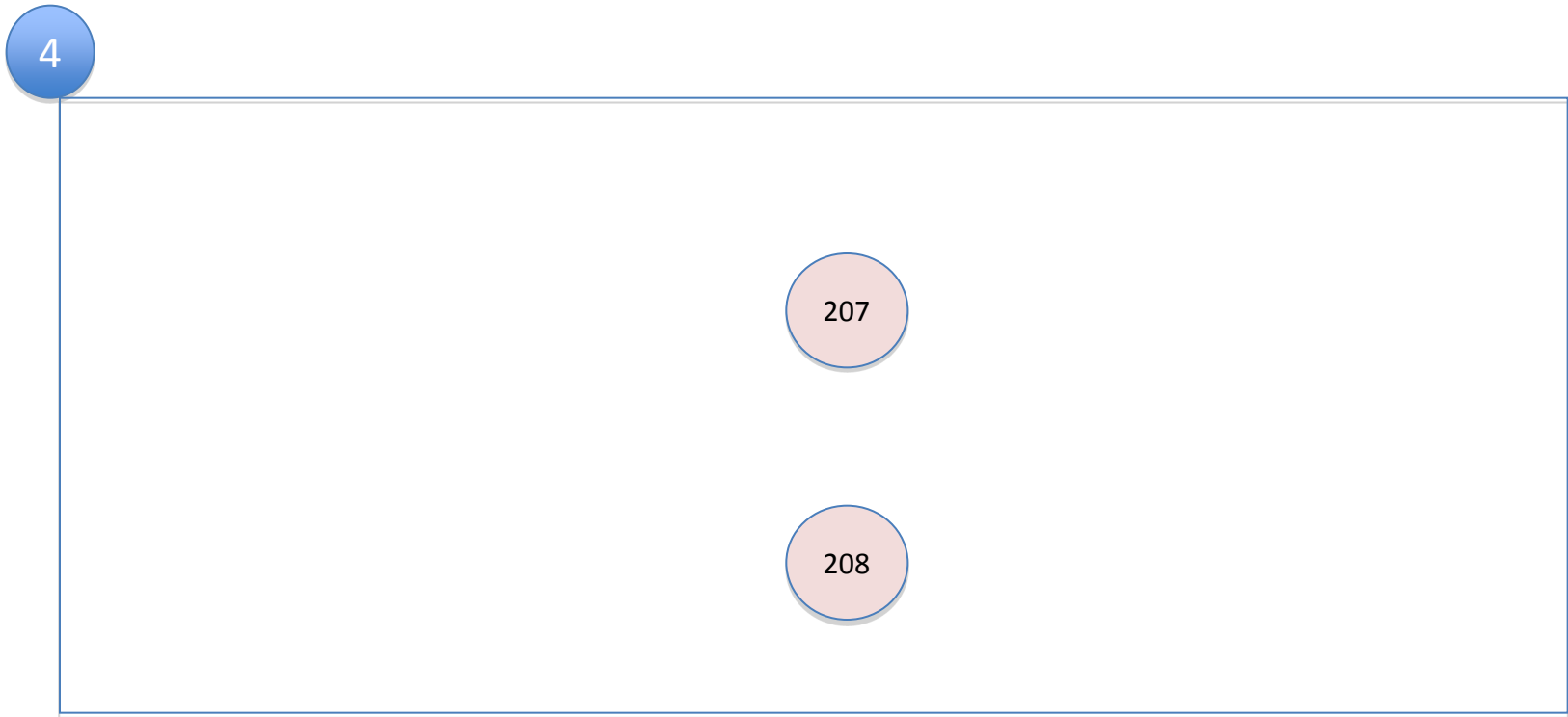


RW 2



RW 2



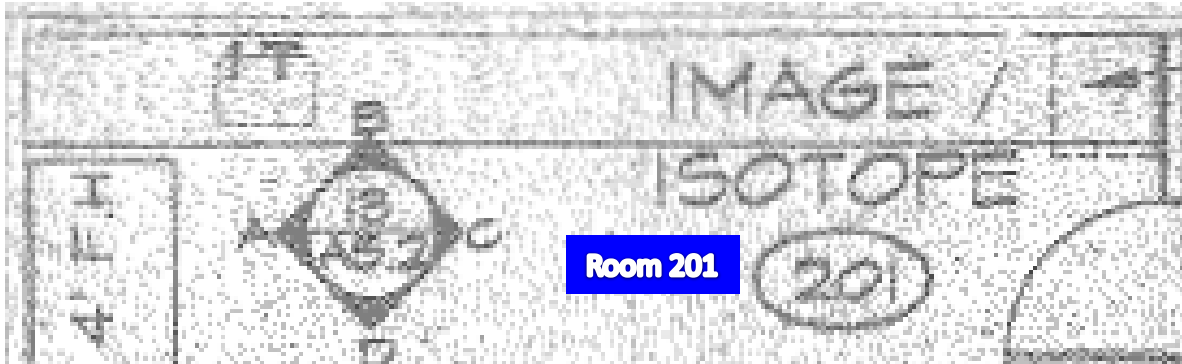


Room 201

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	13	12
33	32	31	30	307	28	27	26	25	306	23
				29					24	

Each number in black represents a ceiling tile.

Background wipe: #304 from office area

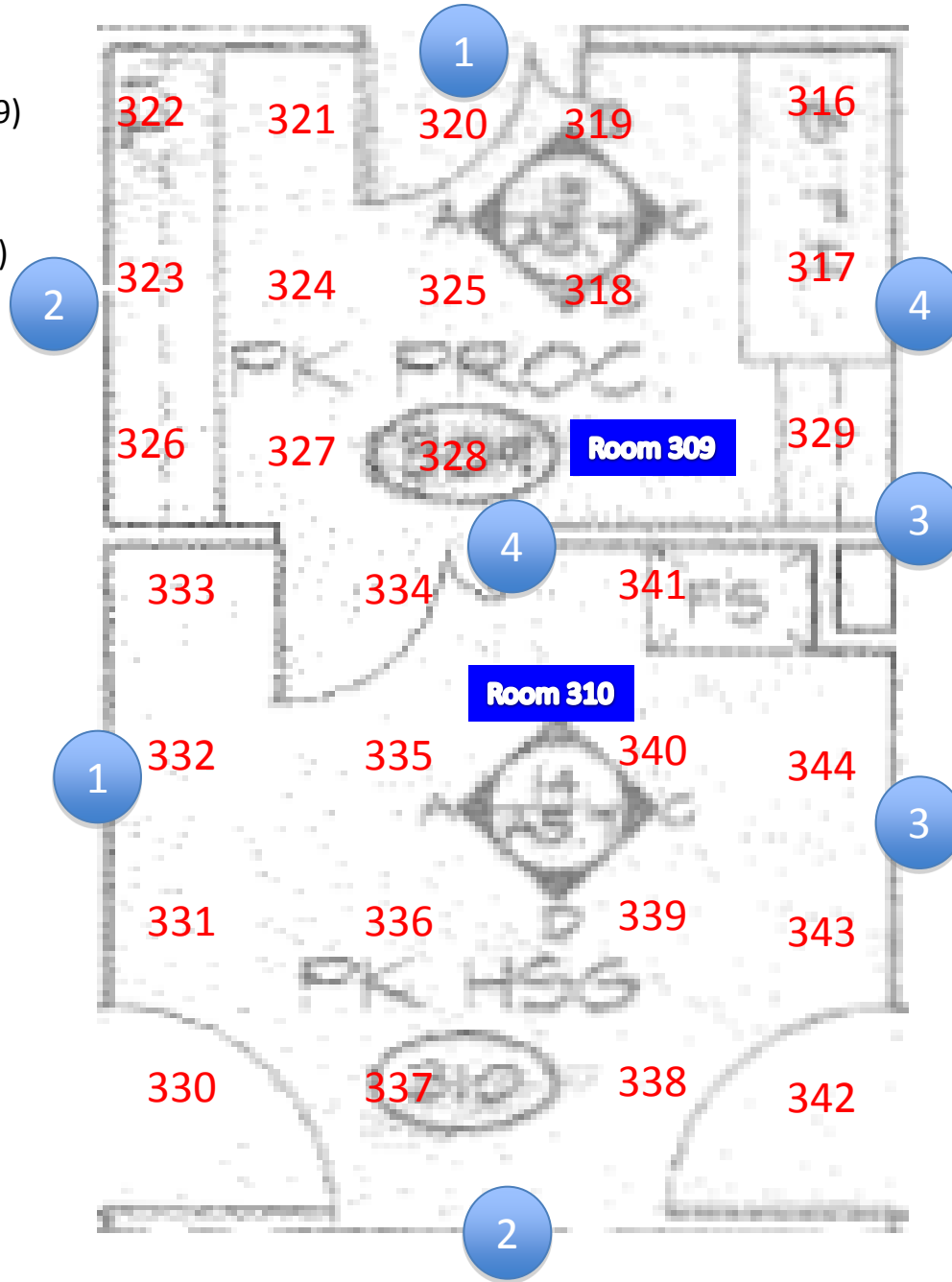
Rooms 309 & 310

126 sq ft floors space (309)

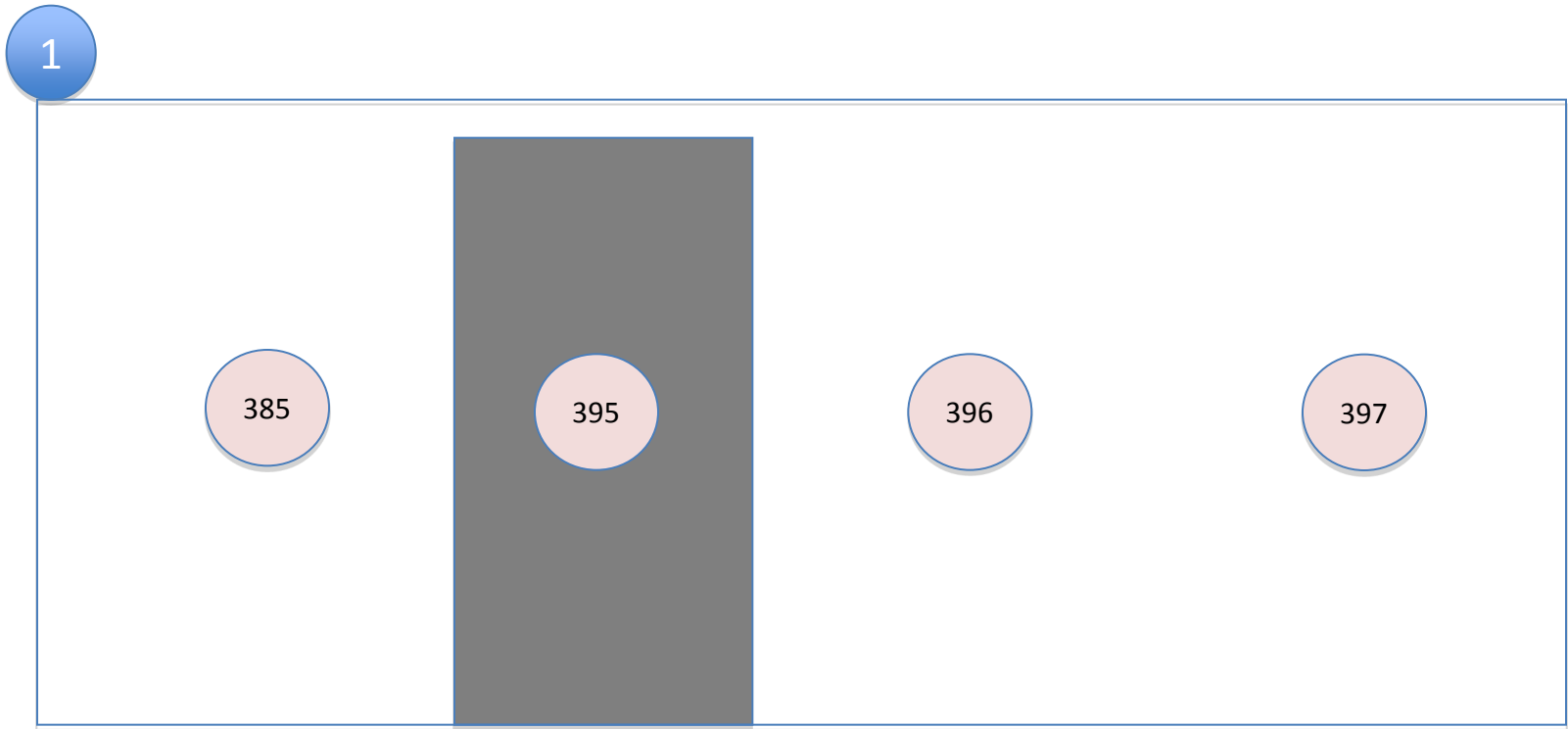
Avg sq ft/wipe: 9

182 sq ft floor space (310)

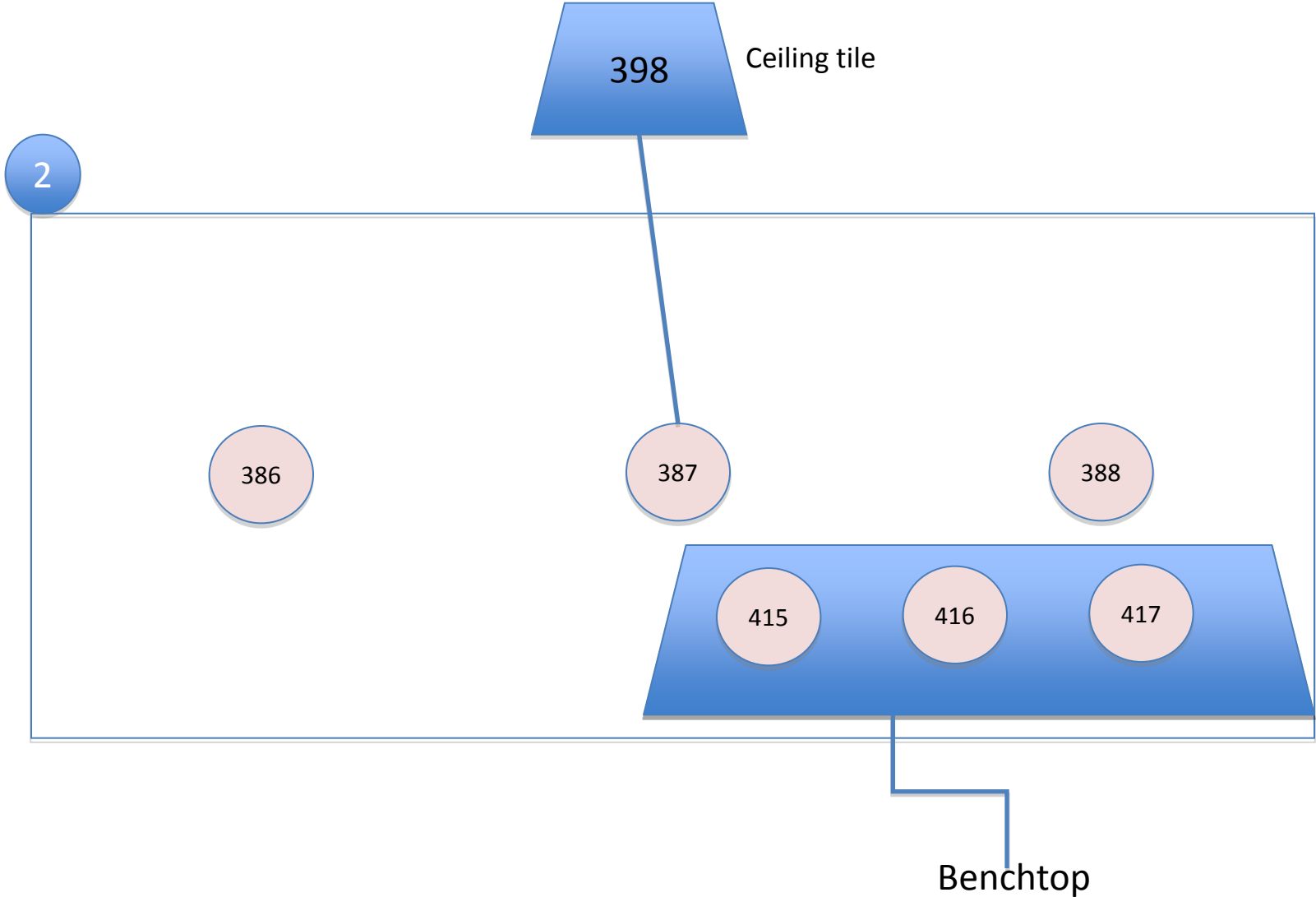
Avg sq ft/wipe: 12.1



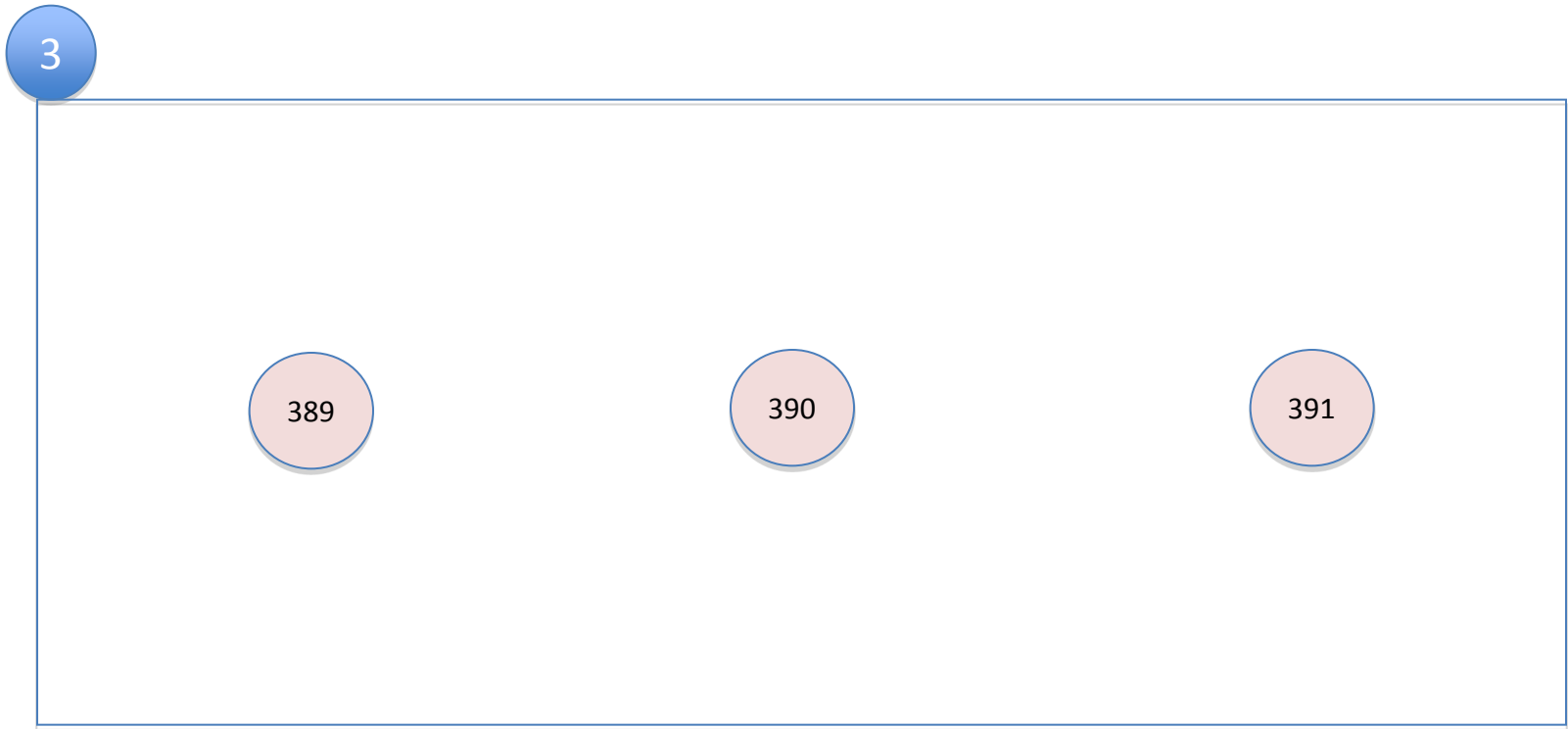
Room 309
Walls 1-4



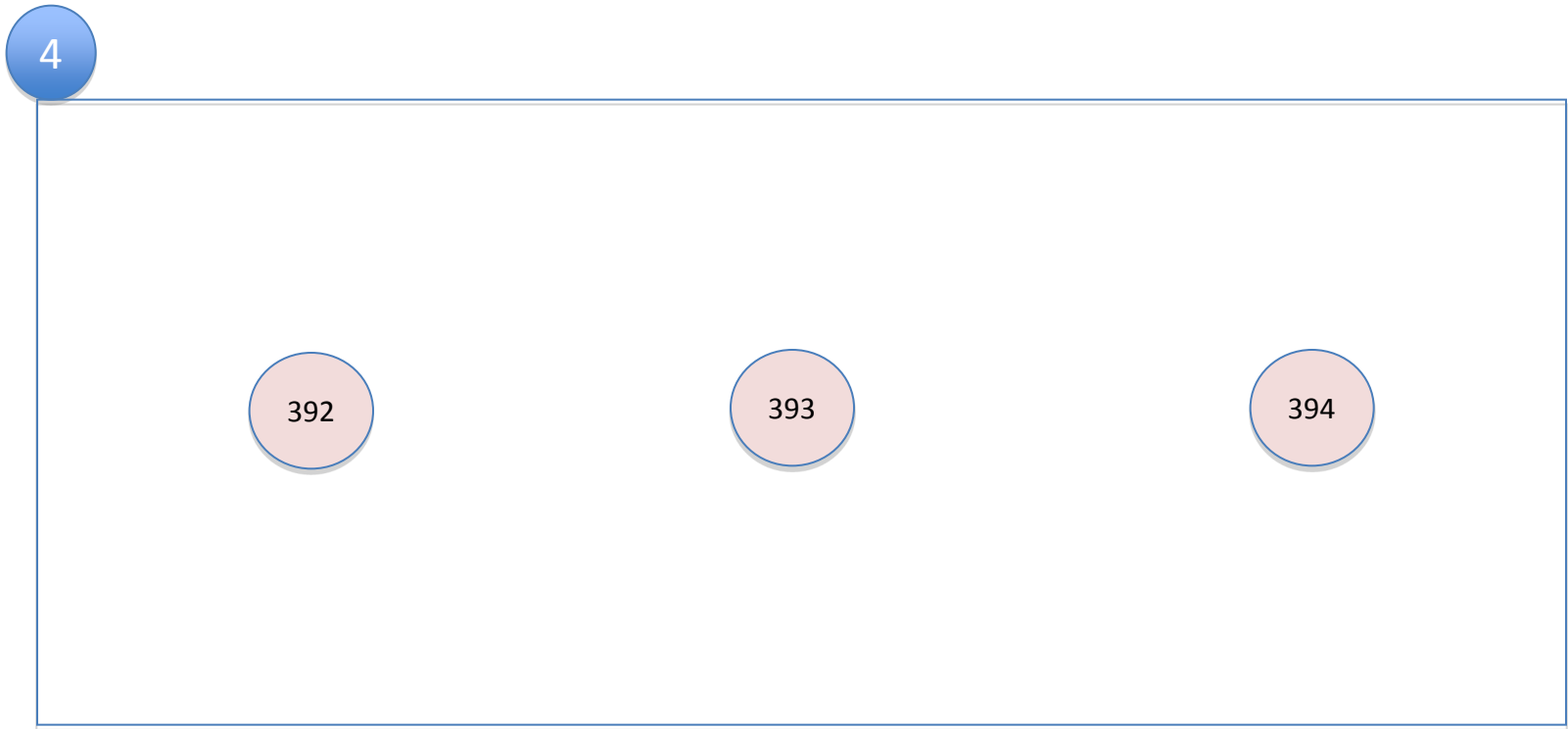
Room 309



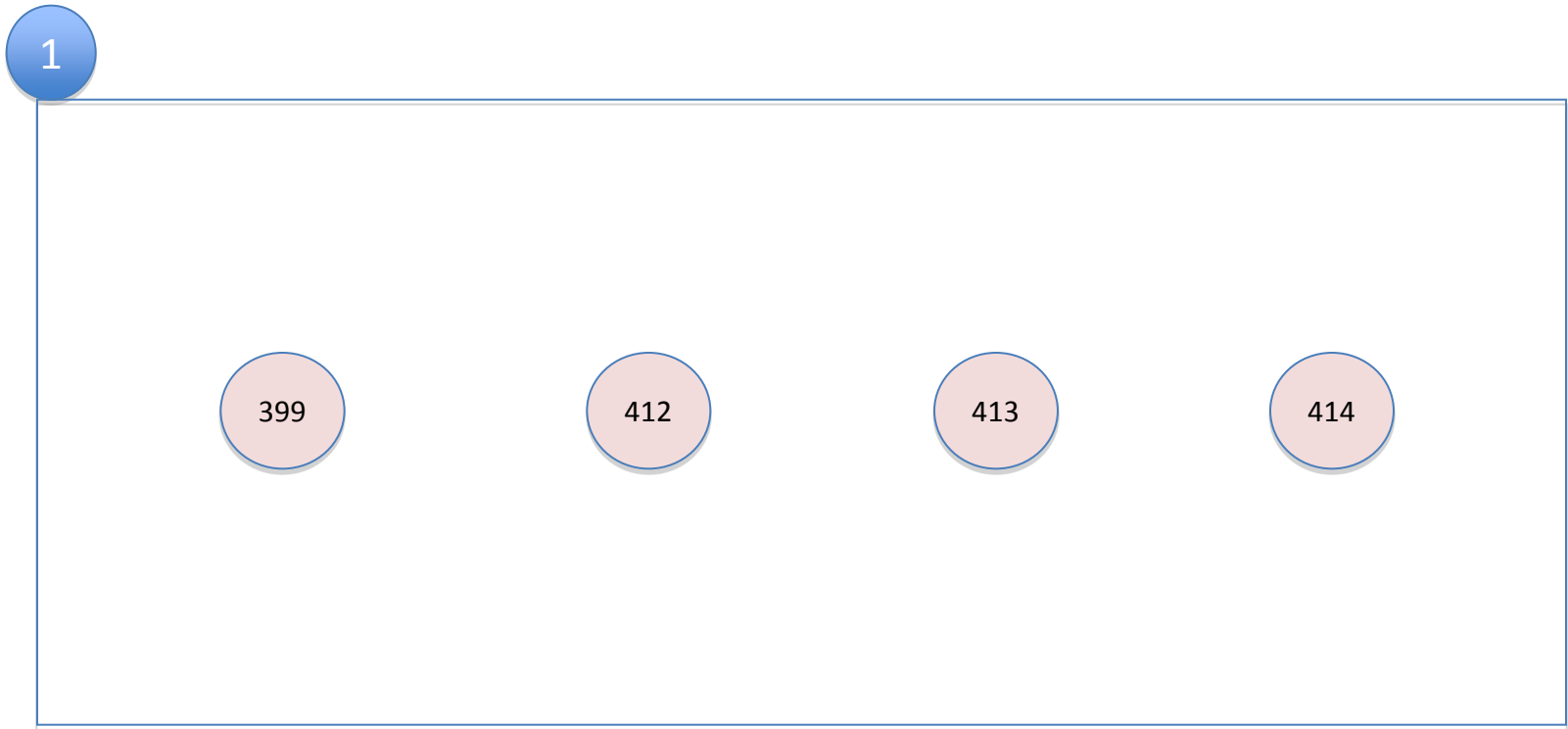
Room 309



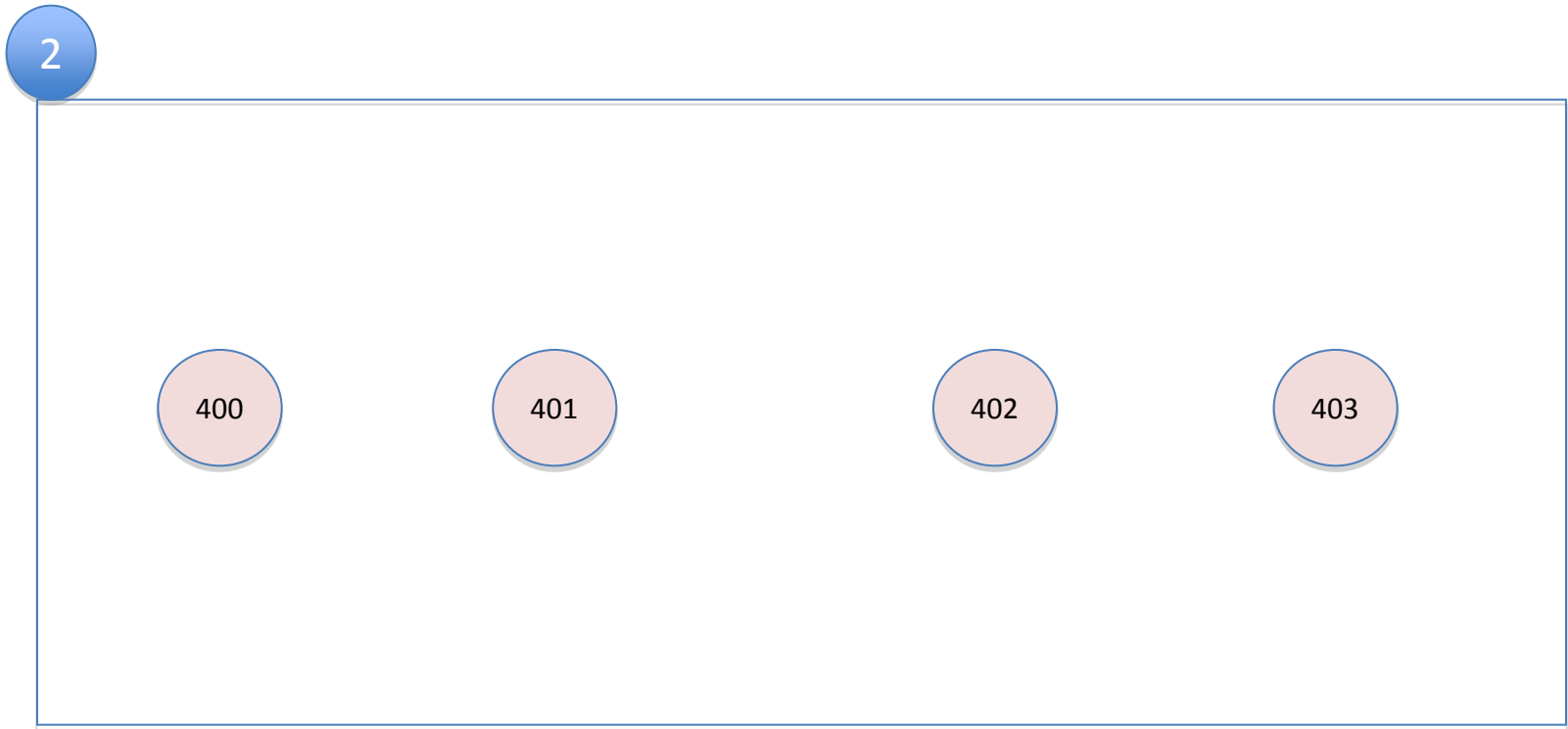
Room 309



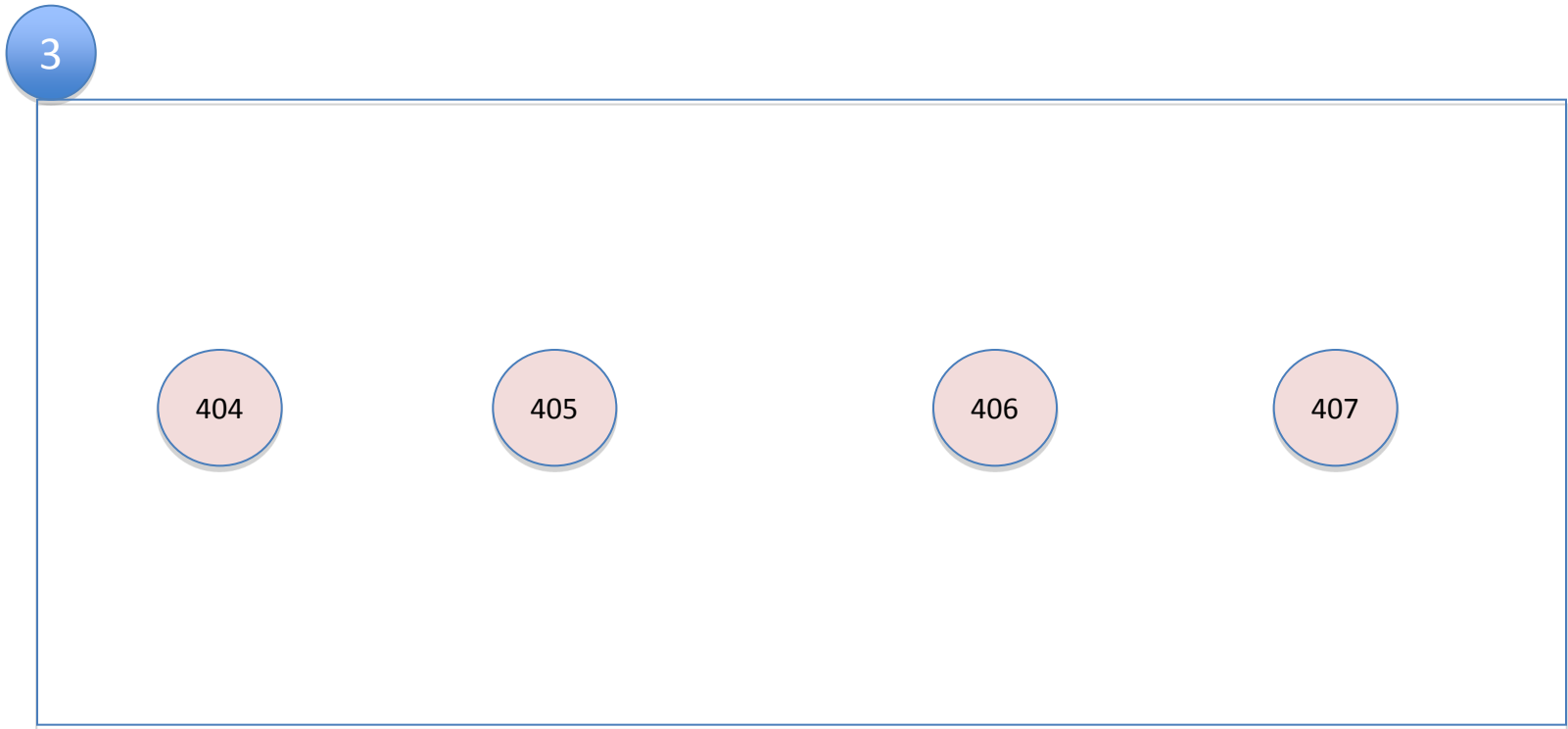
Room 310
Walls 1-4



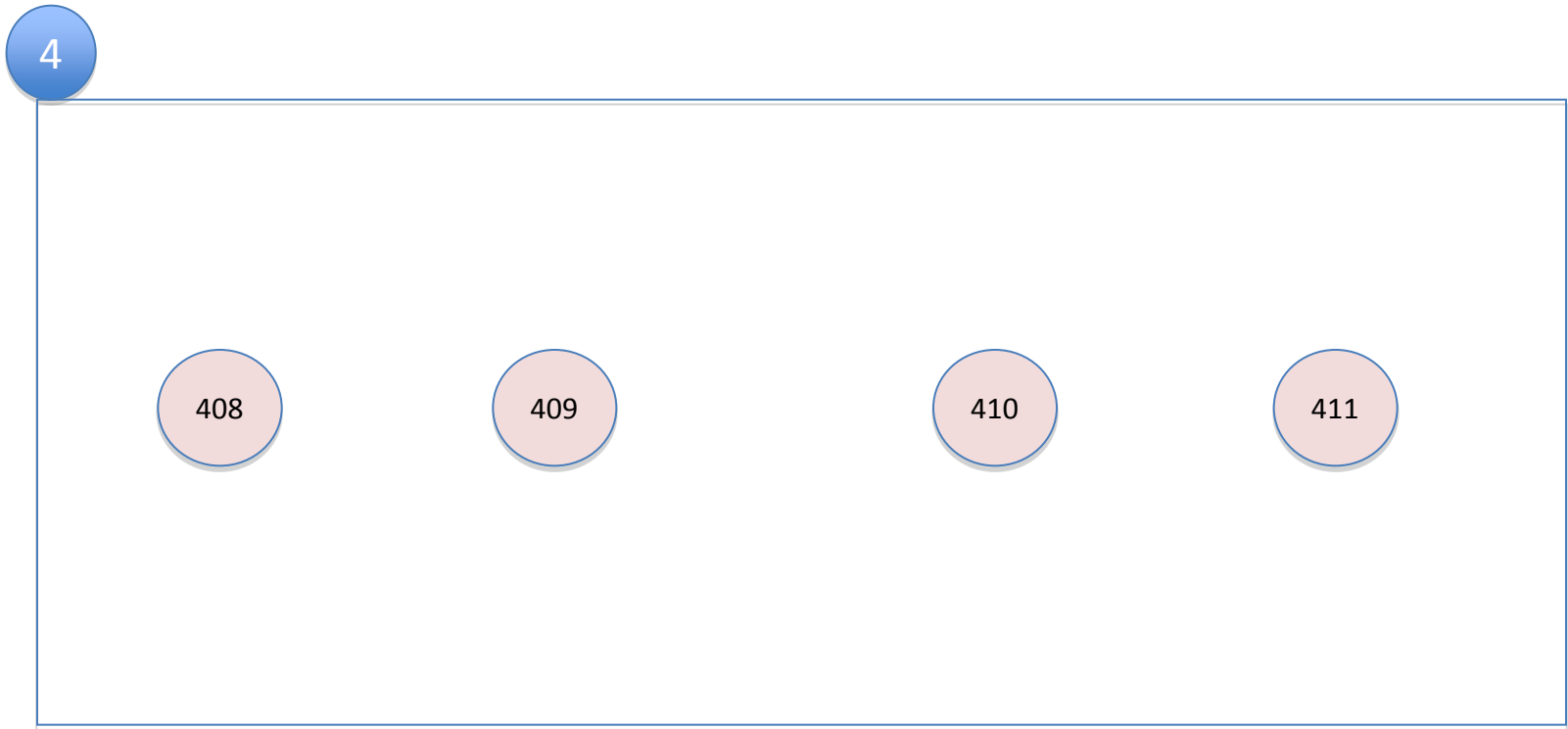
Room 310



Room 310



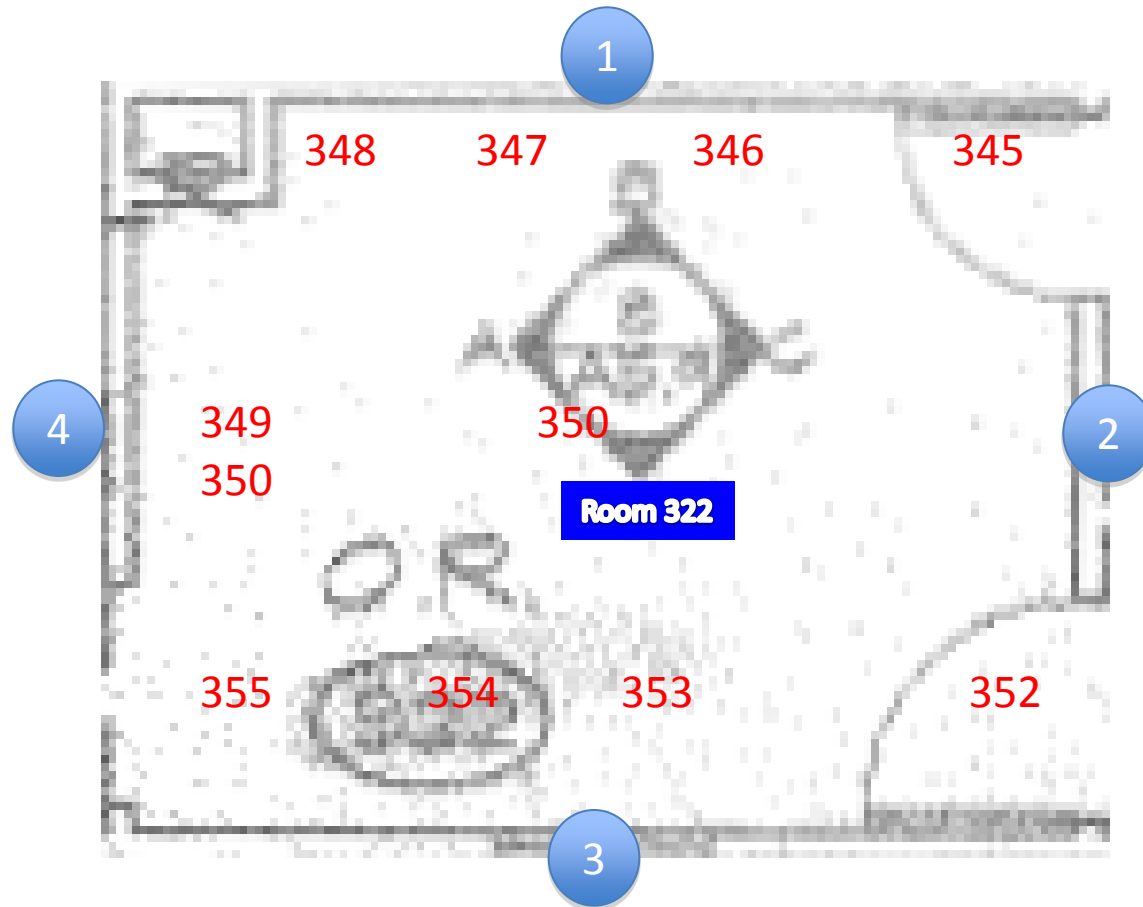
Room 310



Room 322

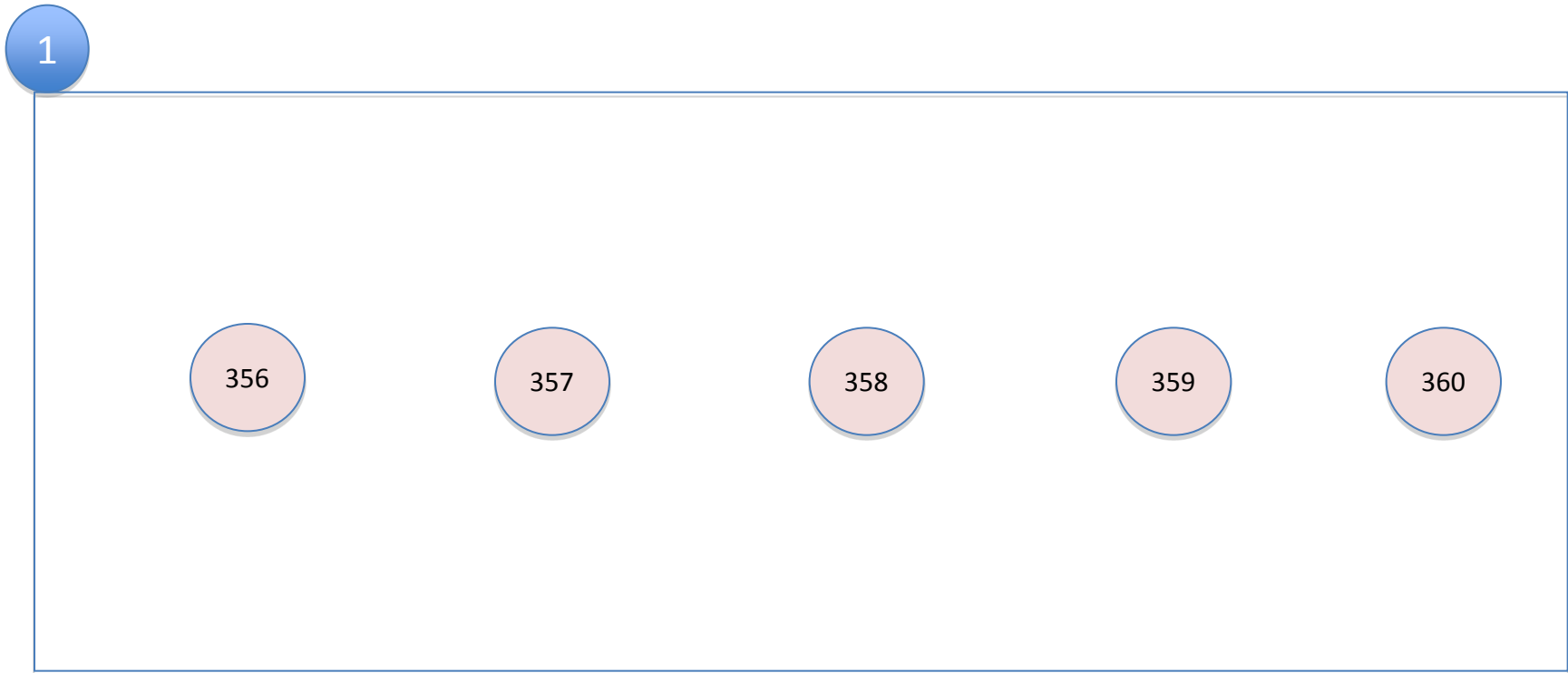
130 sq ft floor space

Avg sq ft/wipe: 11.8

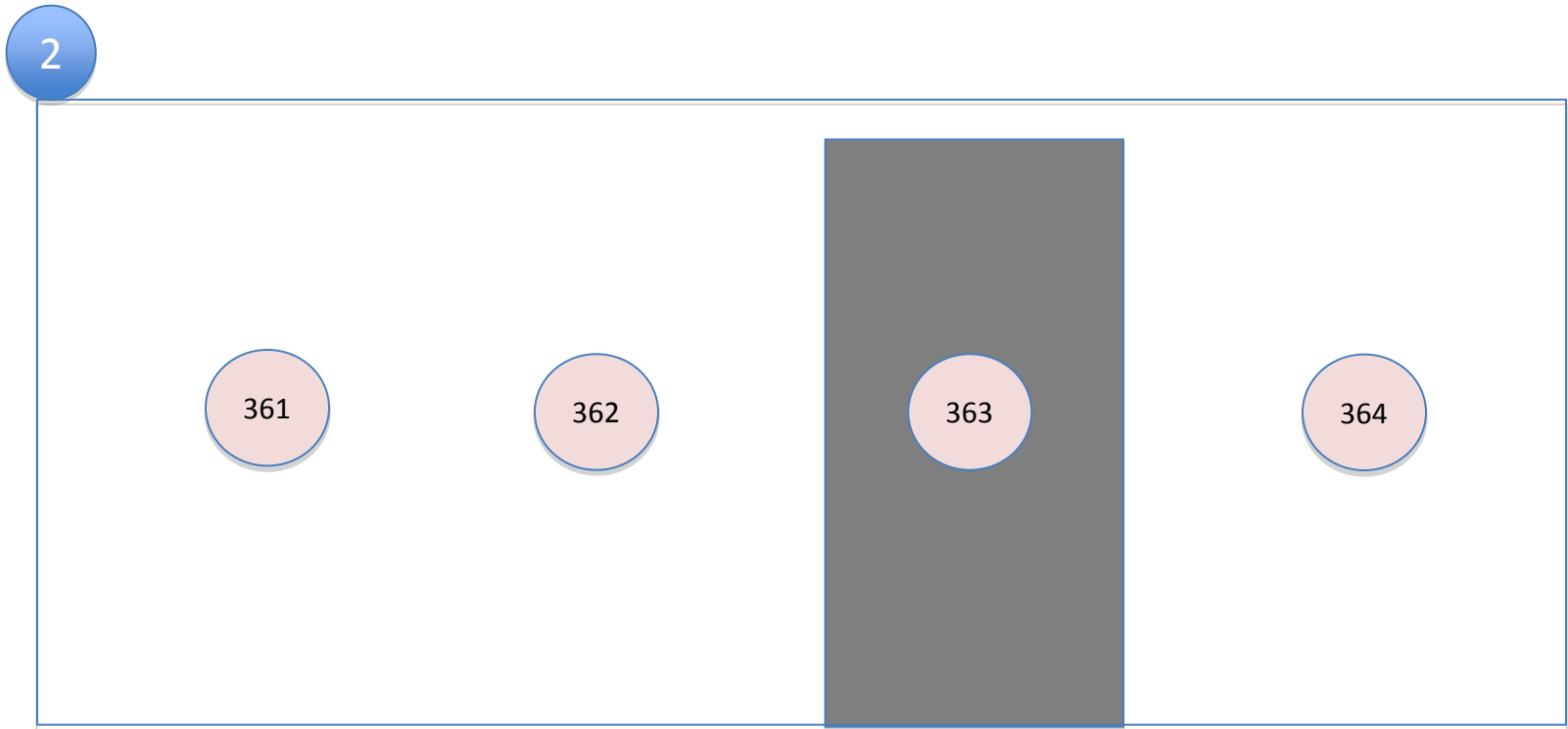


n = walls

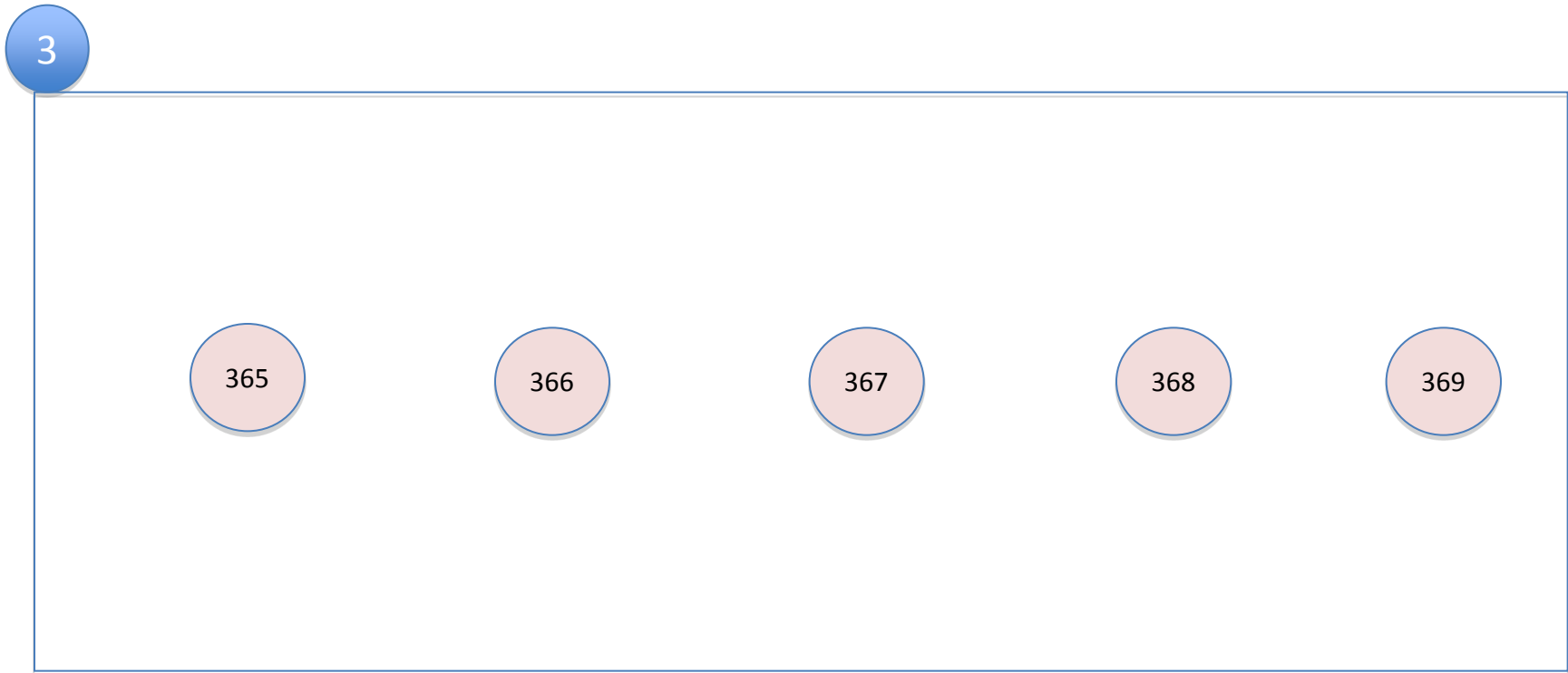
Room 322
Walls 1-4



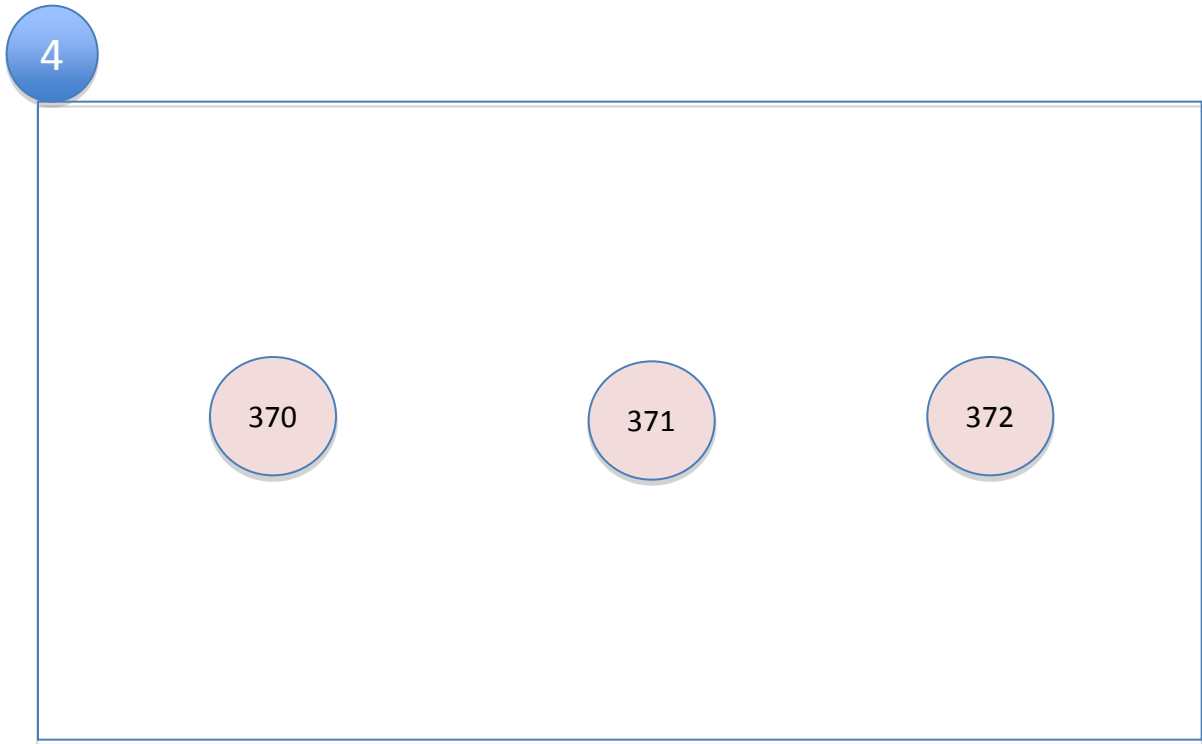
Room 322



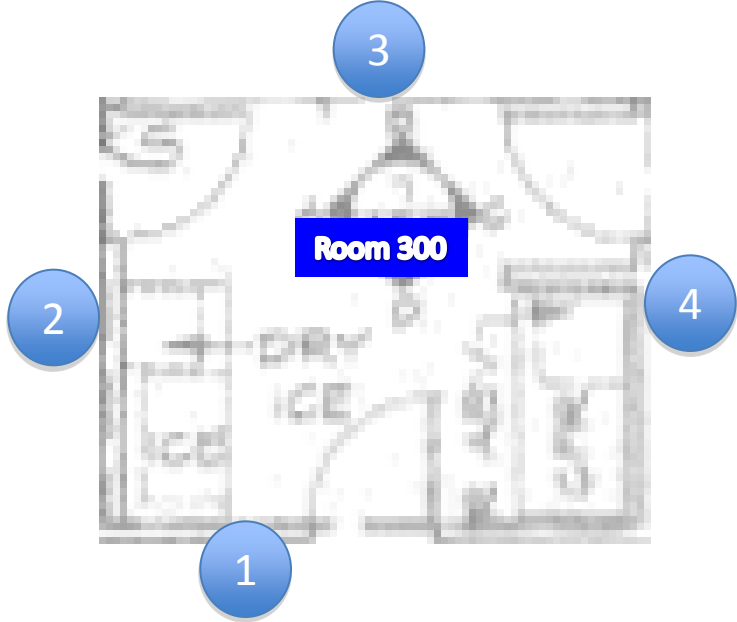
Room 322



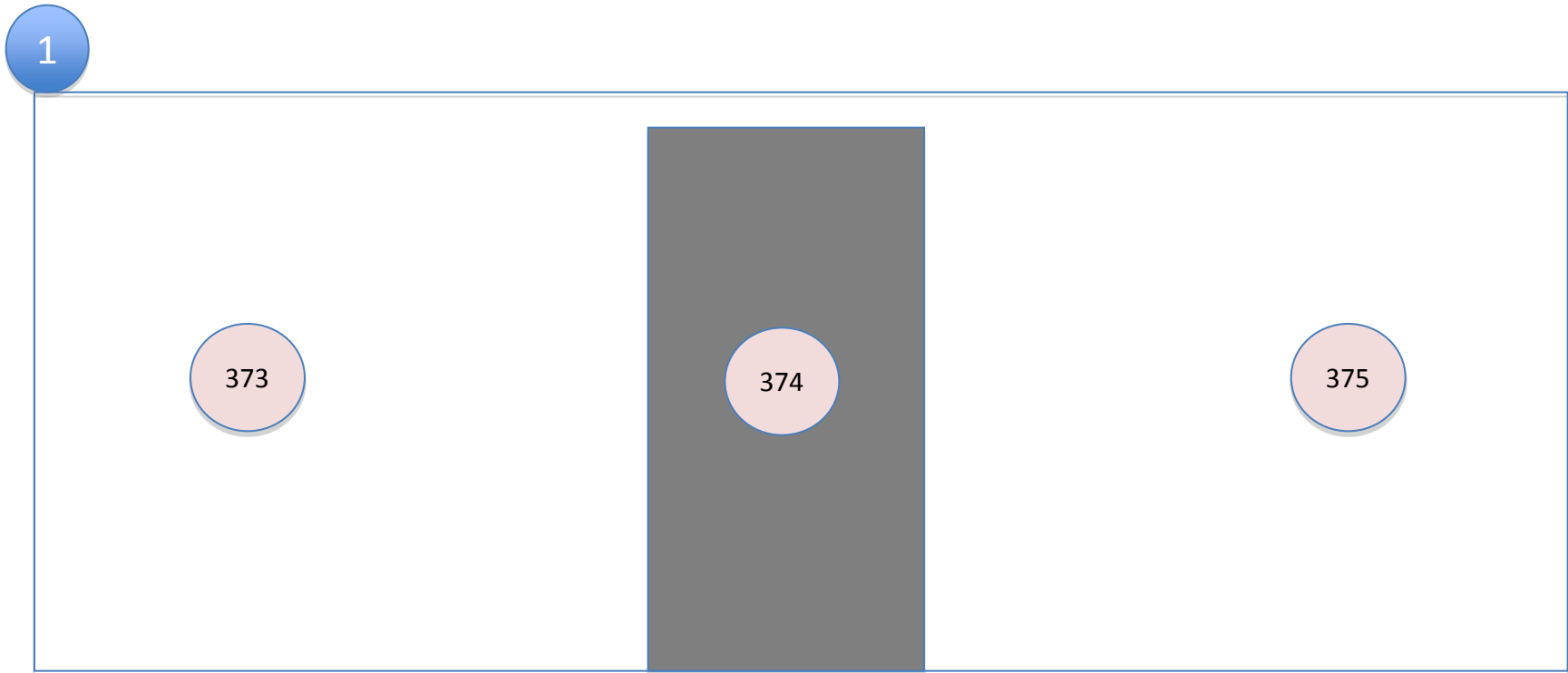
Room 322



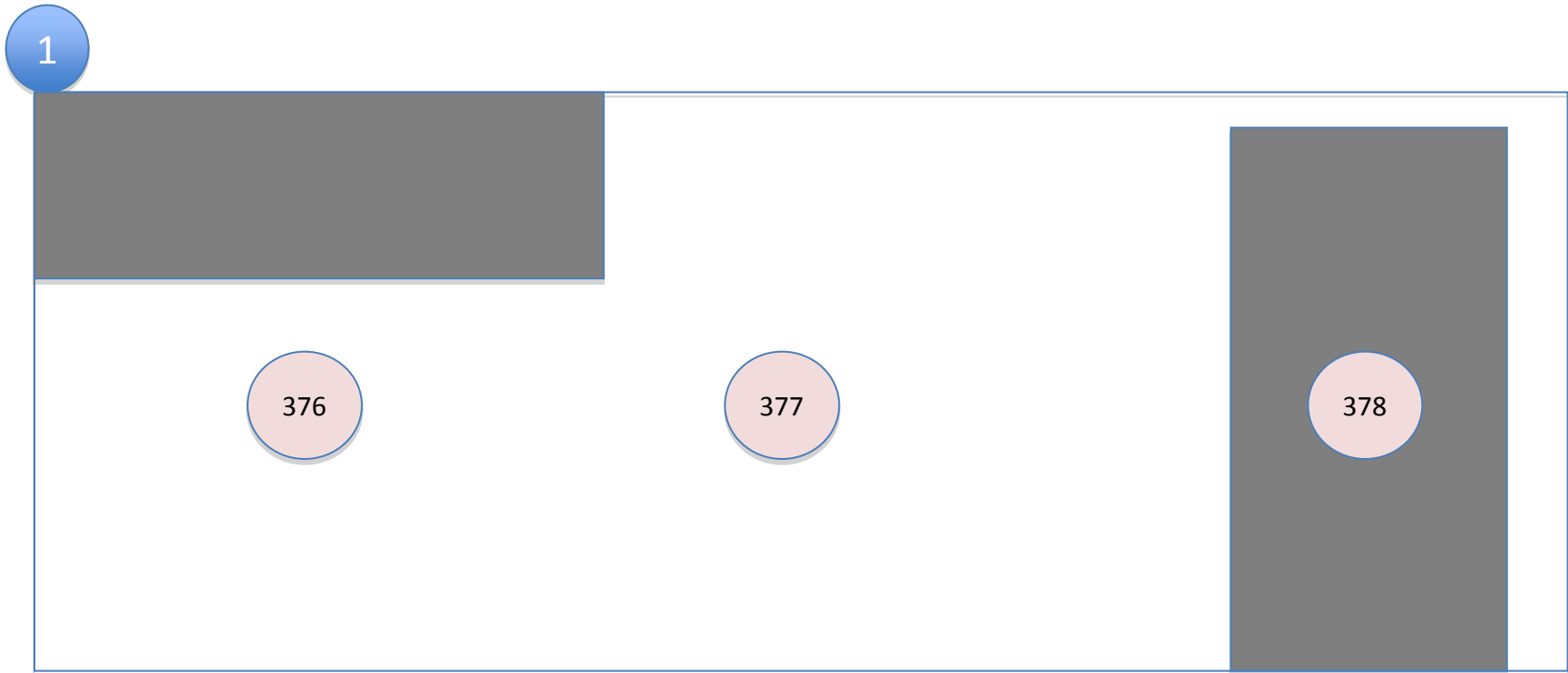
Room 300
Walls only
120 sq ft floor space



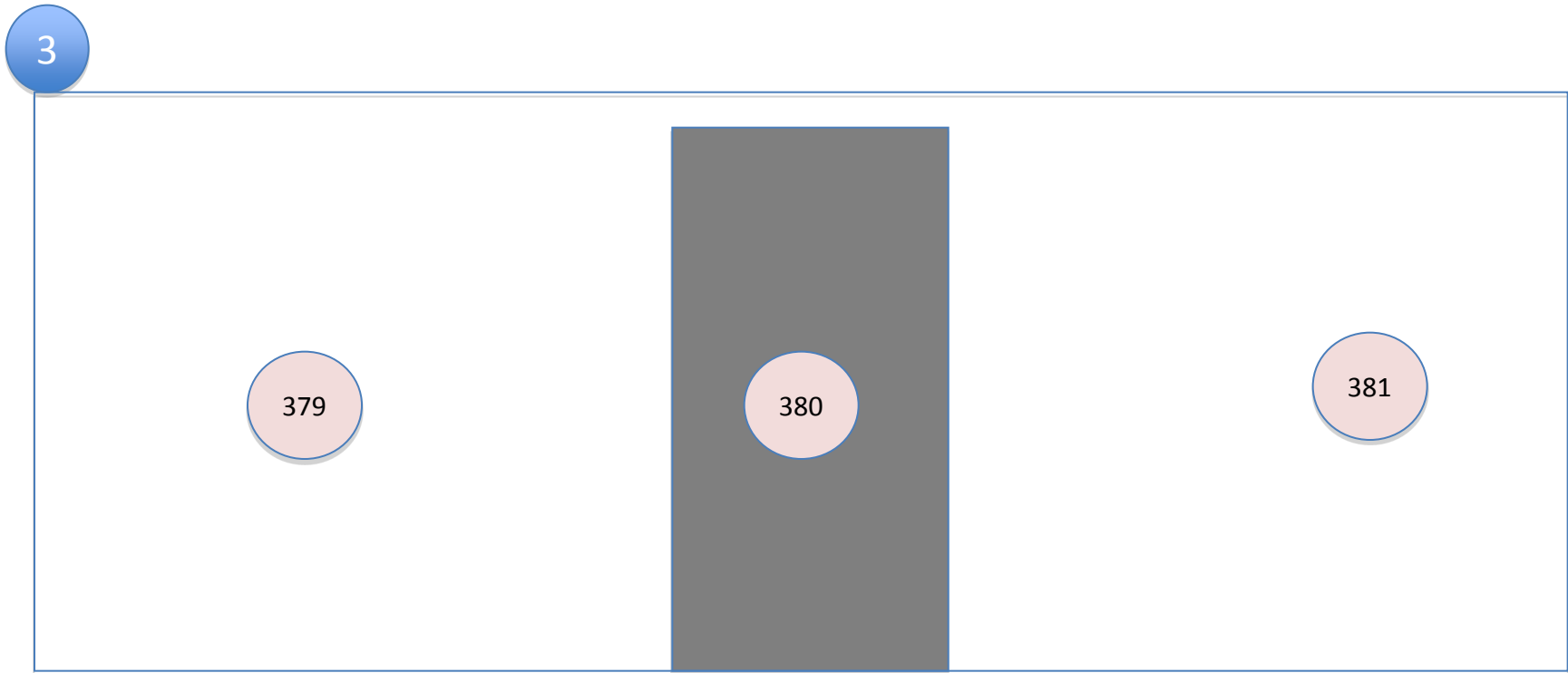
Room 300
Walls only



Room 300
Walls only

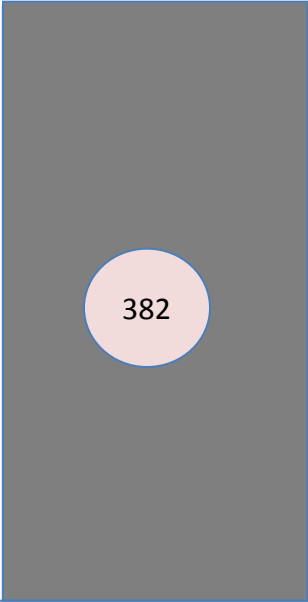


Room 300
Walls only



Room 300
Walls only

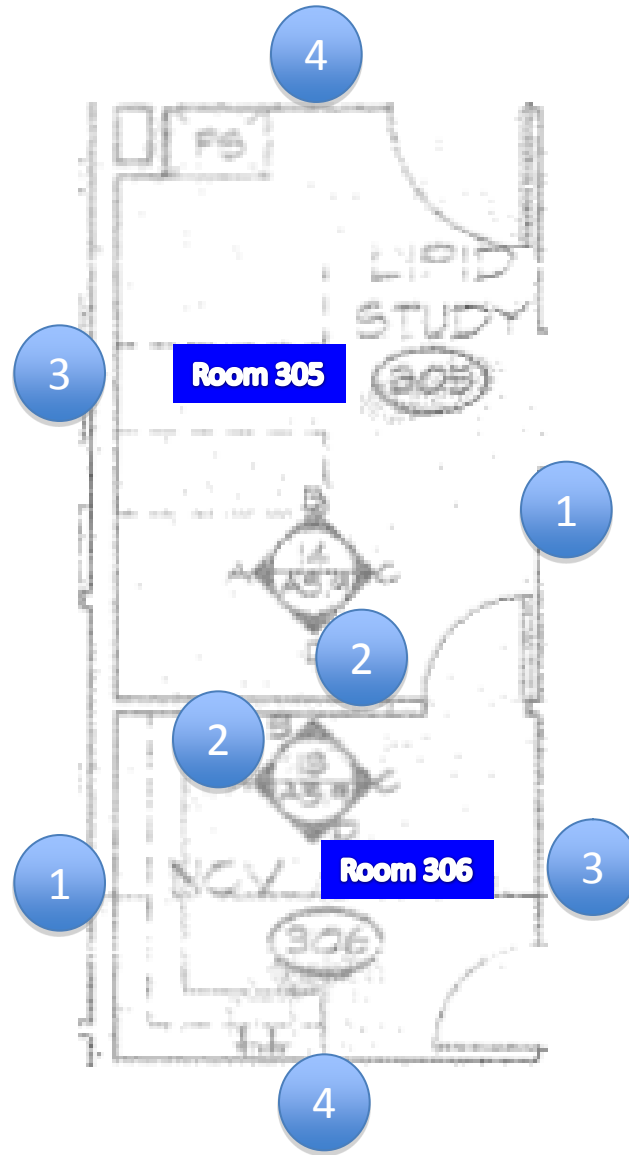
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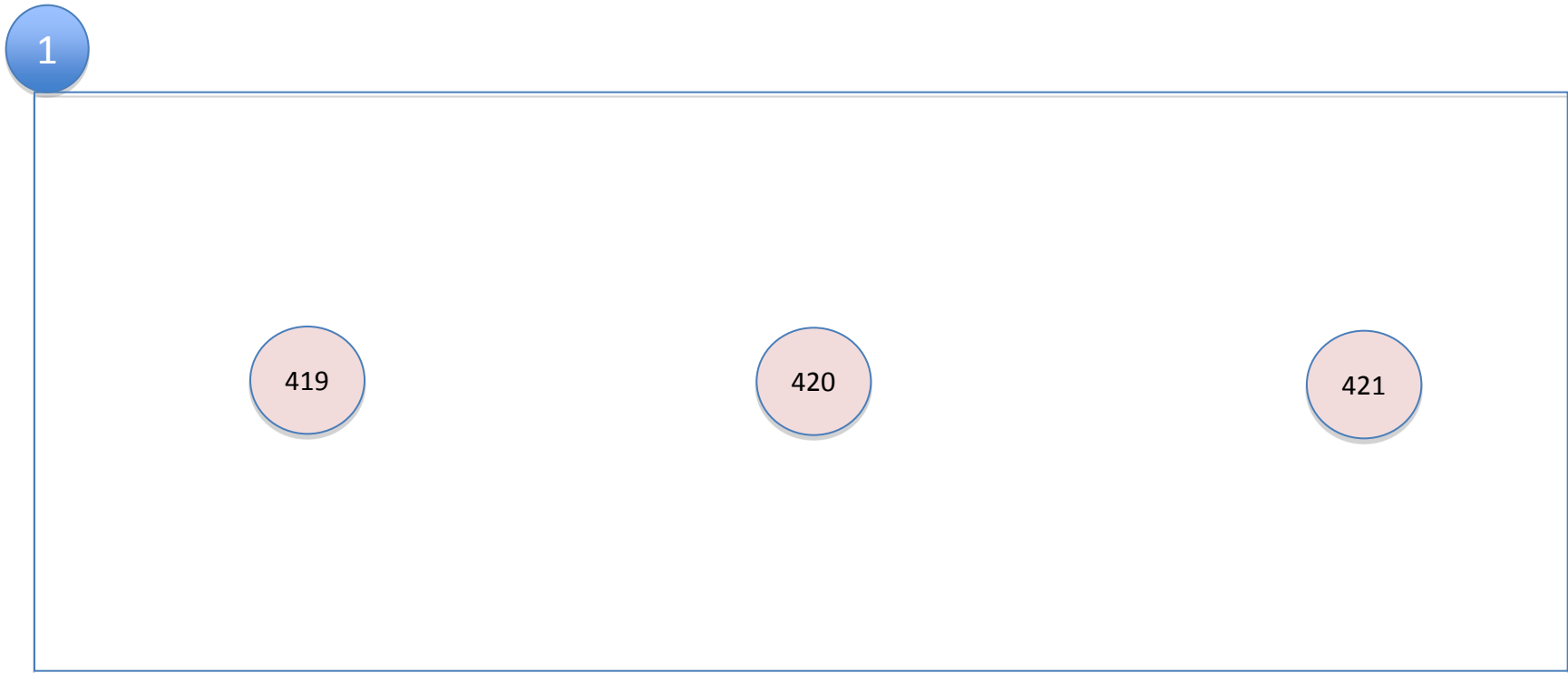
Rooms 305 & 306

Walls 1-4 & ceiling sample

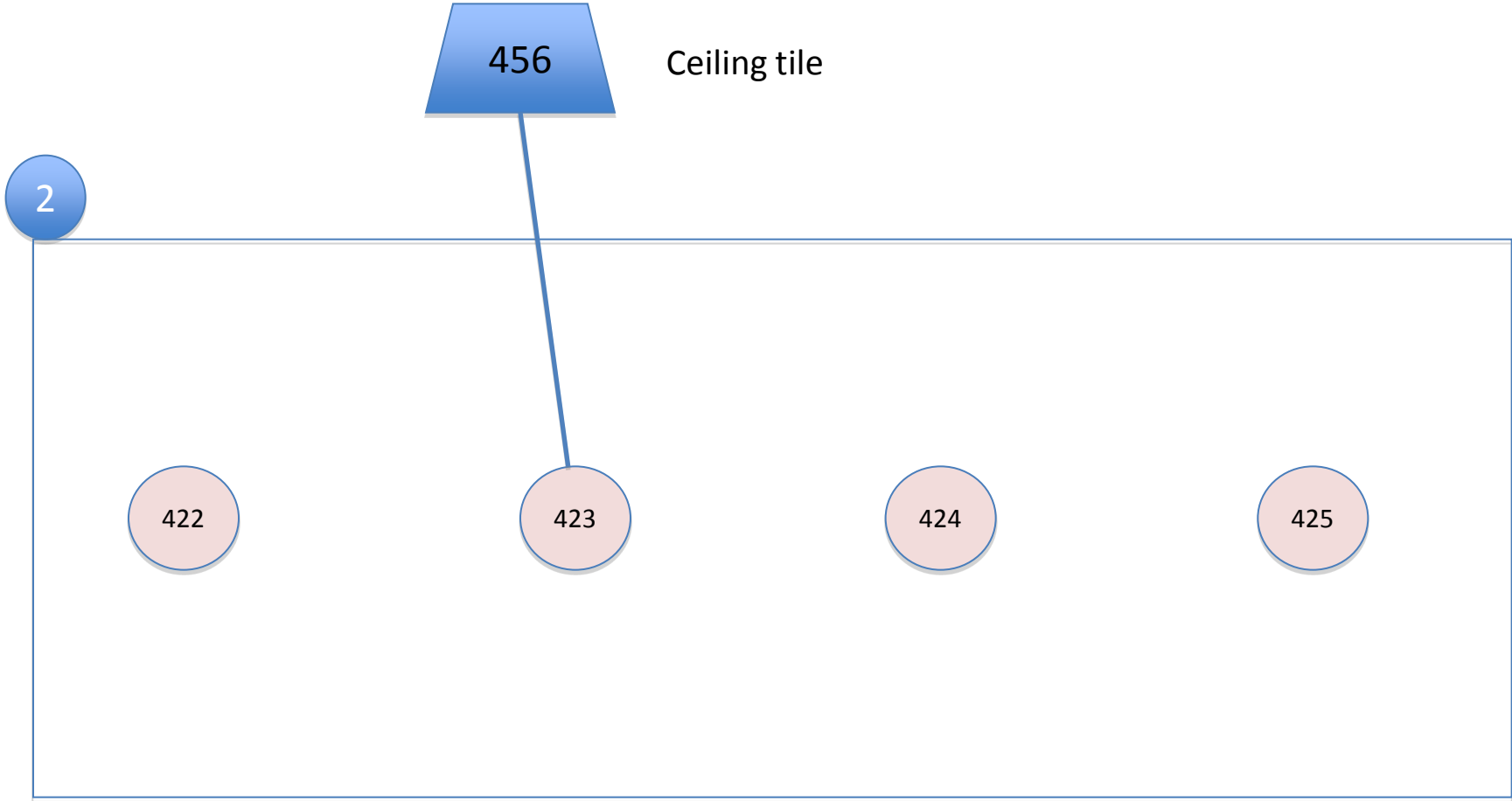
120 sq ft floor space



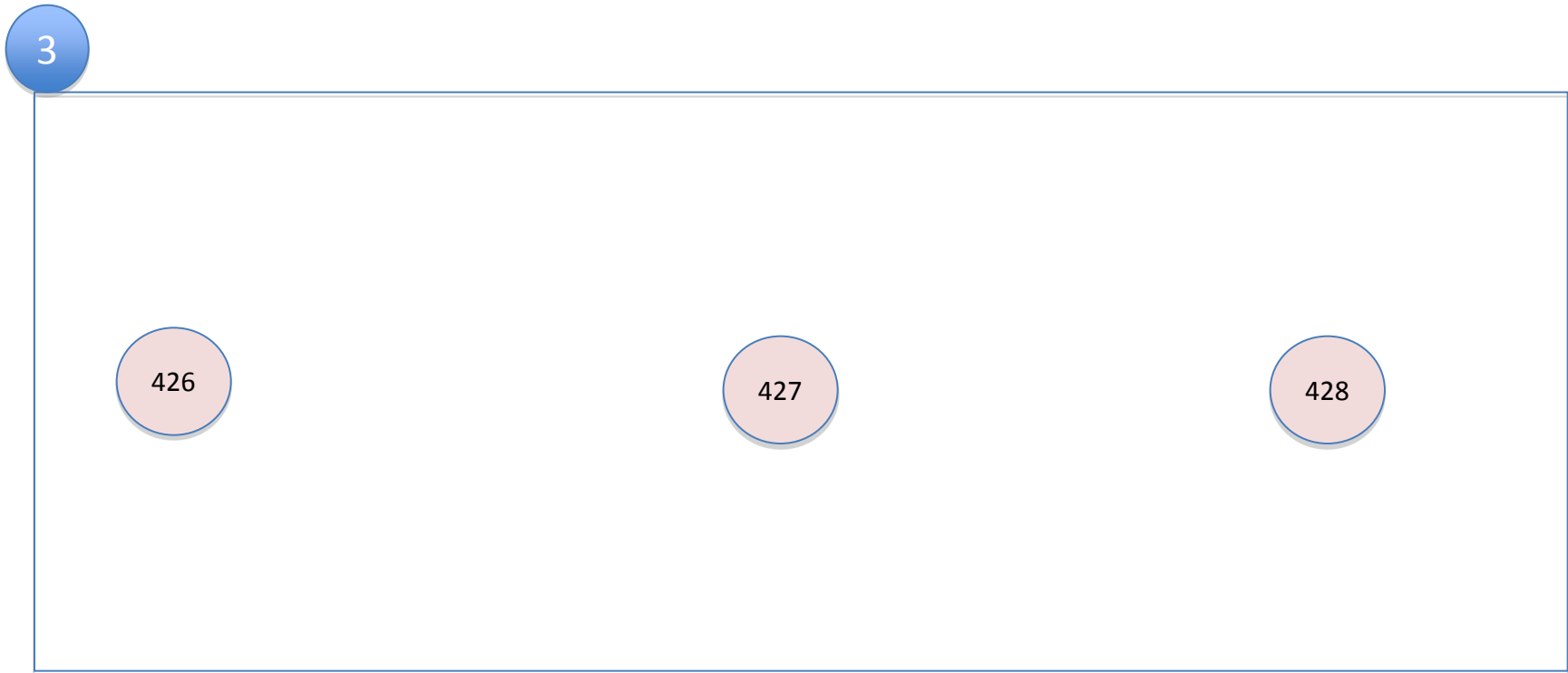
Room 306
Walls 1-4



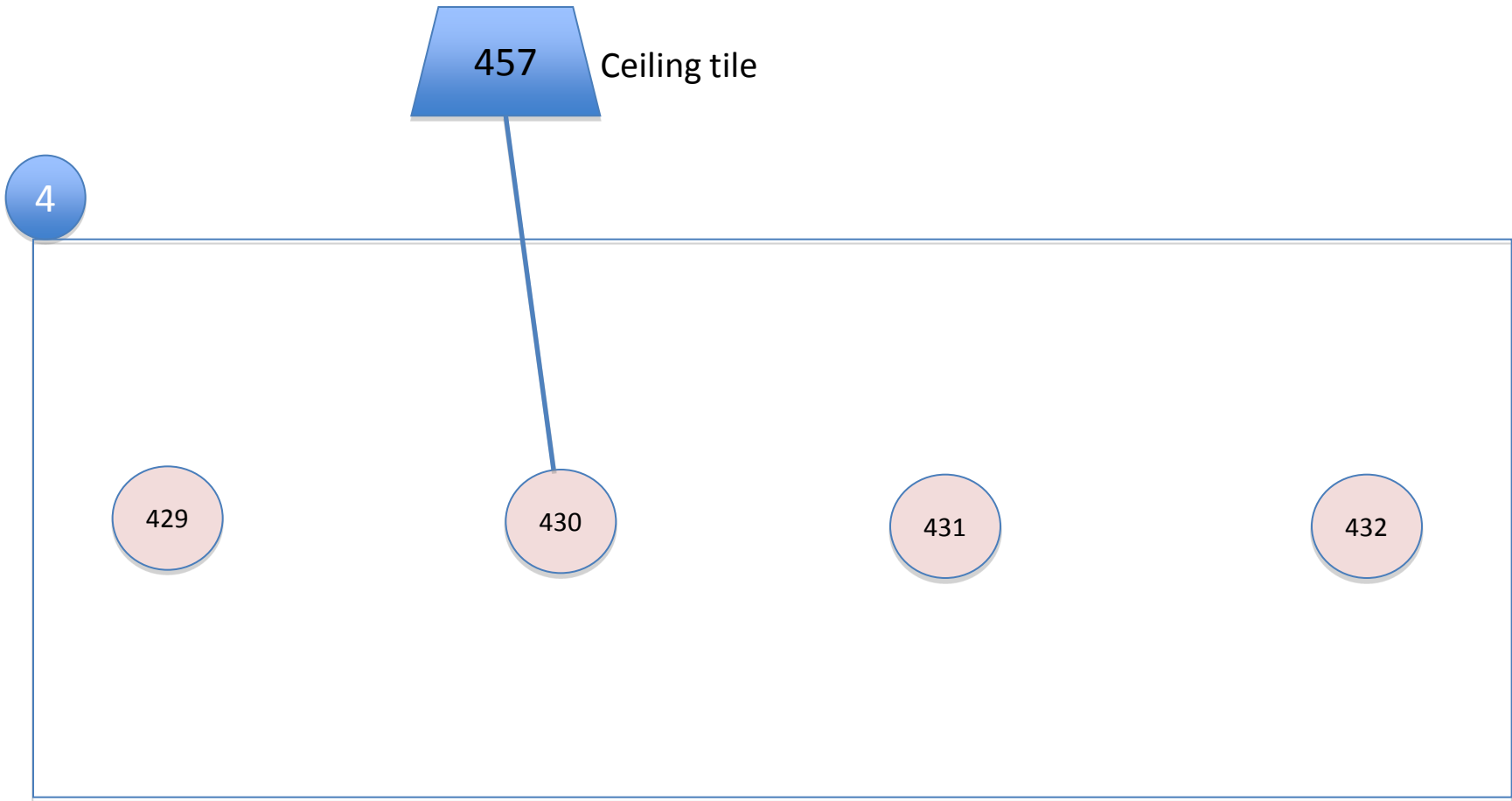
Room 306



Room 306



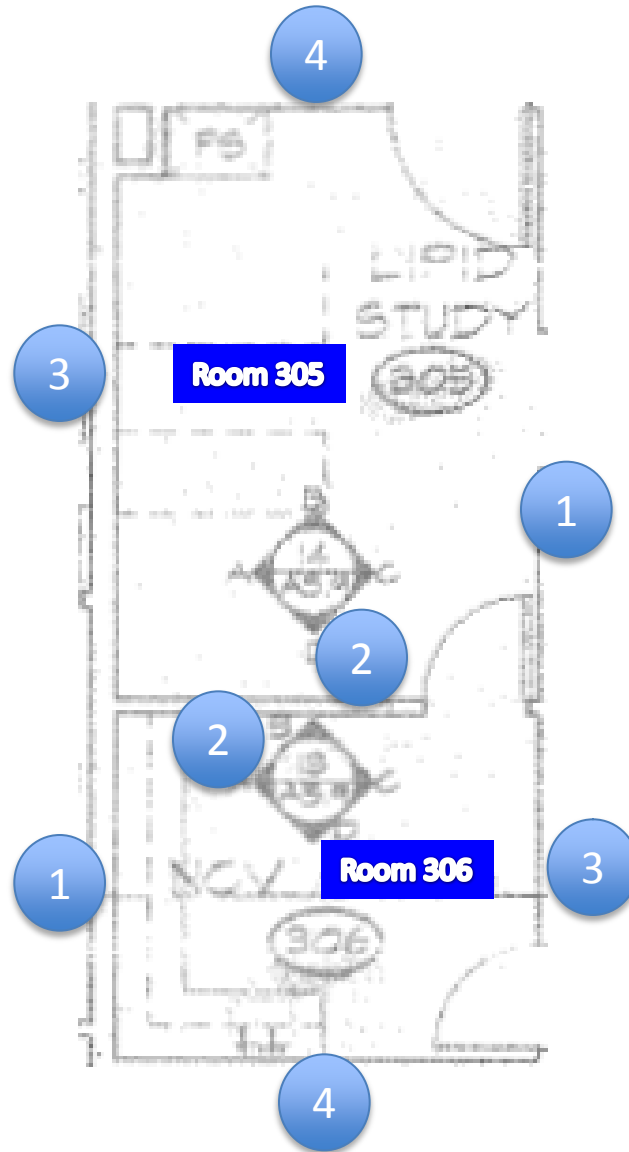
Room 306



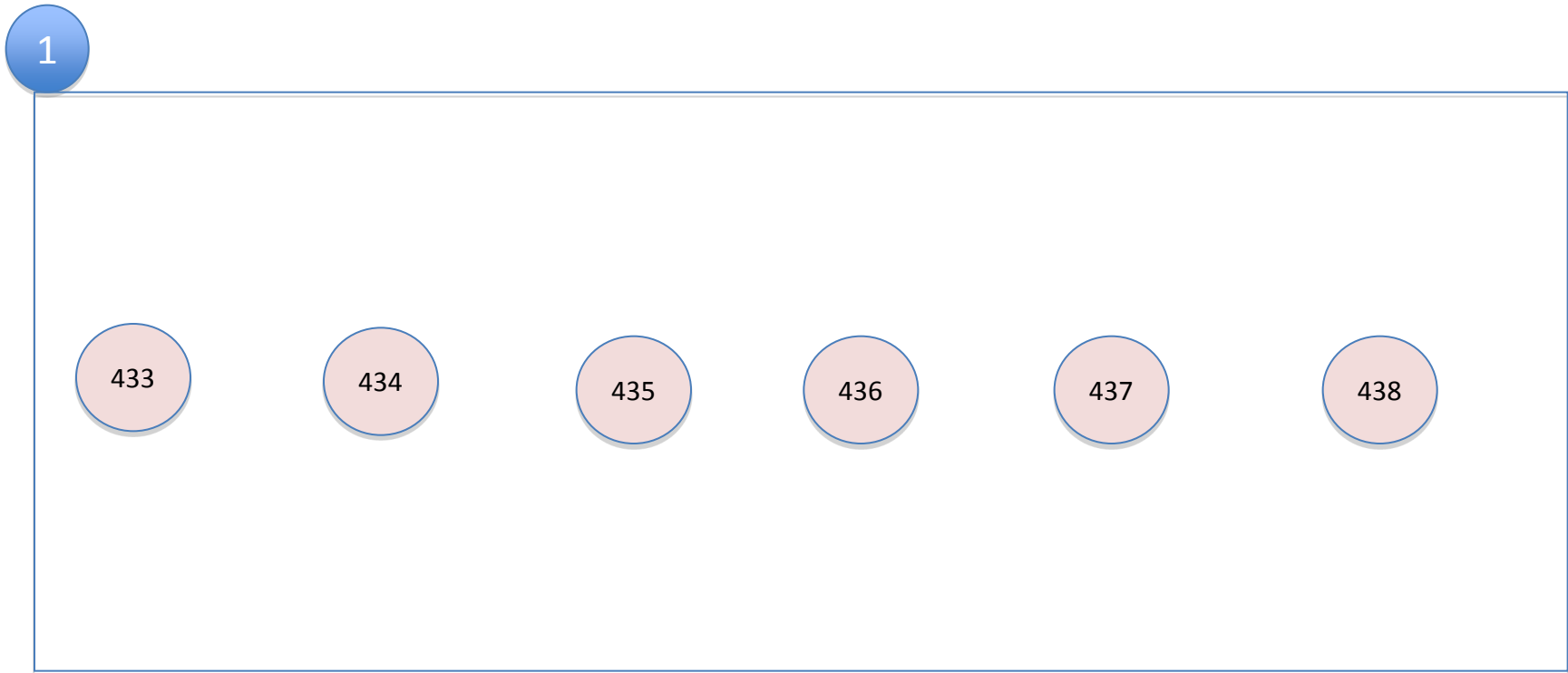
Rooms 305 & 306

Walls 1-4

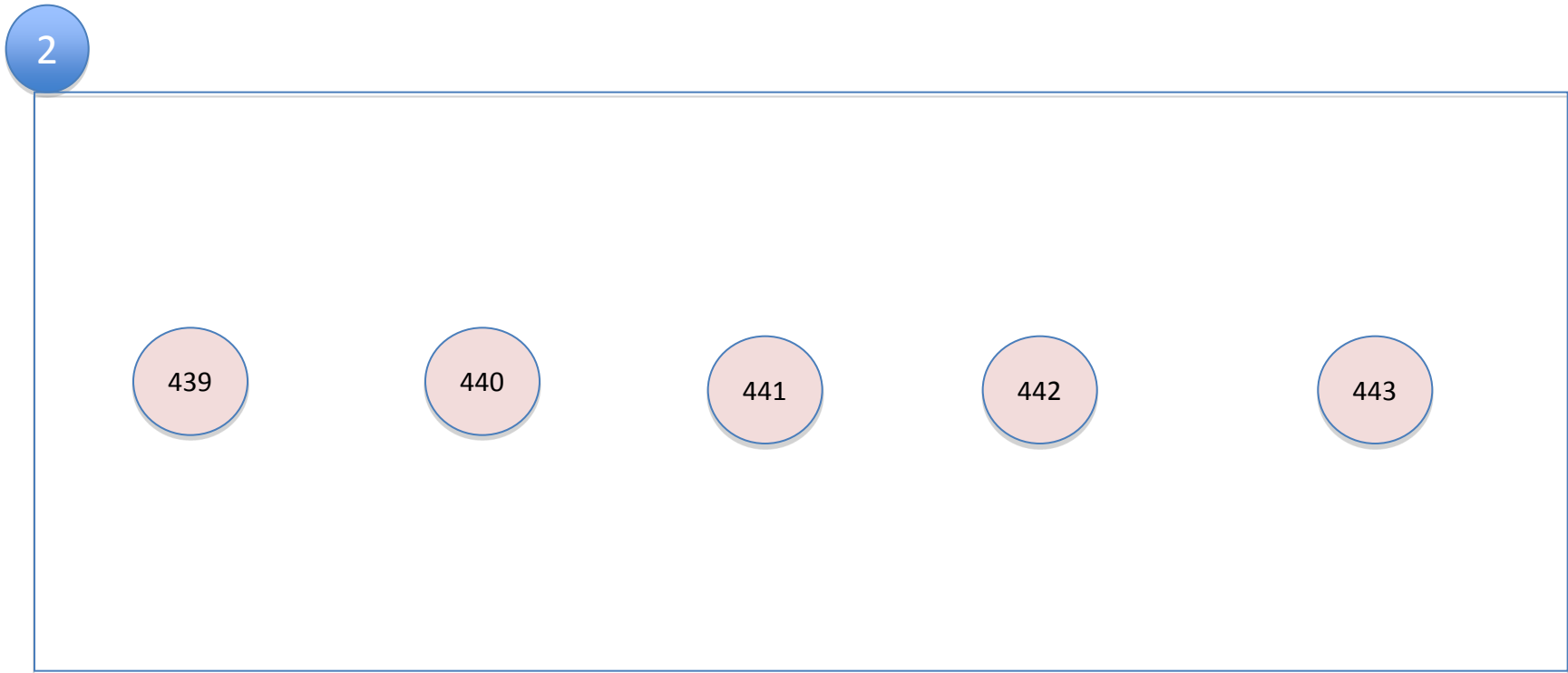
204 sq ft floor space



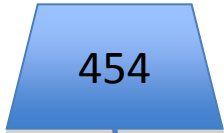
Room 305



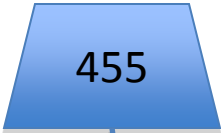
Room 305



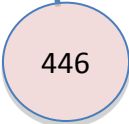
Room 305



Ceiling tile



Ceiling tile



Room 305

