

OCCUPANT EVACUATION SHAFT

1 OCCUPANT REFUGE
MINIMUM AREA:
3 SF / OCCUPANT
FOR 25% OF FLOOR
OCCUPANCY

2 OCCUPANT EVACUATION ELEVATOR

3 STANDARD PASSANGER ELEVATOR

4 EGRESS STAIR

STAIR SEPARATION:
 $\frac{1}{3}$ DIAGONAL FLOOR
PLAN DIMENSION OR
 $\frac{1}{3}$ ACTUAL MAX TRAVEL
DISTANCE WHEN
SEPARATED BY SMOKE
STOP DOORS

OCCUPANT EVACUATION SHAFT



FIREFIGHTING SHAFT

1 FIRE PROTECTED, PRESSURIZED LOBBY

2 FIREFIGHTER'S ELEVATOR

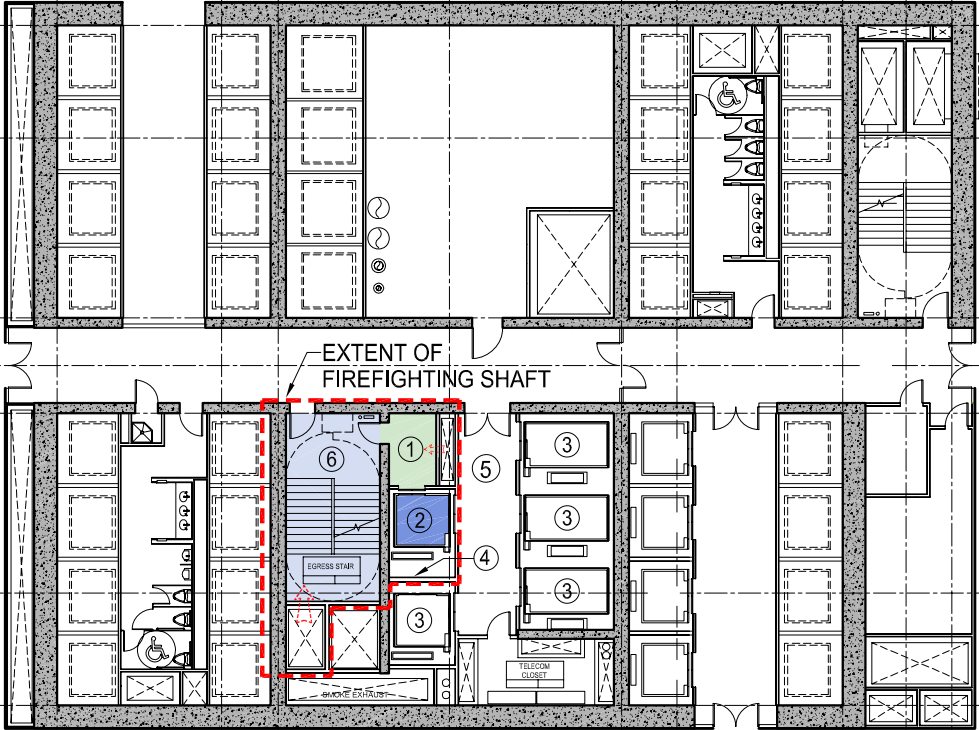
3 STANDARD ELEVATORS

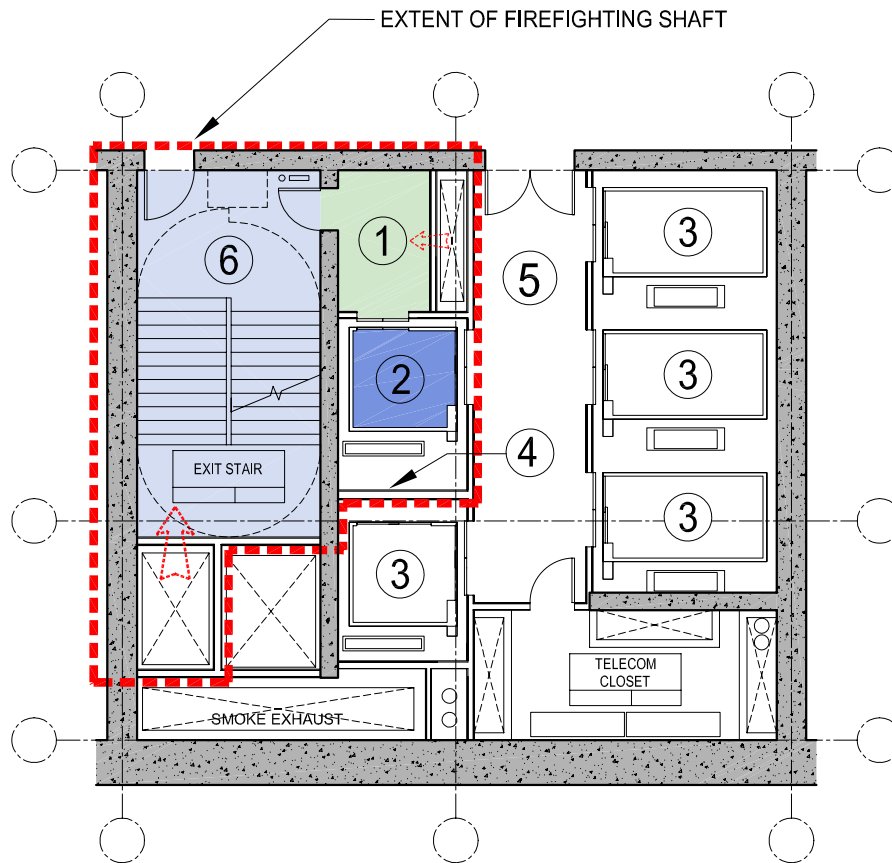
4 INTERMEDIATE FIRE RATED WALL

5 ELEVATOR LOBBY

6 EGRESS STAIR

→ PRESSURIZATION





FIREFIGHTING SHAFT

- ① FIRE PROTECTED, PRESSURIZED LOBBY
- ② FIREFIGHTER'S ELEVATOR
- ③ STANDARD ELEVATORS
- ④ INTERMEDIATE FIRE RATED WALL
- ⑤ ELEVATOR LOBBY
- ⑥ EXIT STAIR
- ➡ PRESSUIZATION