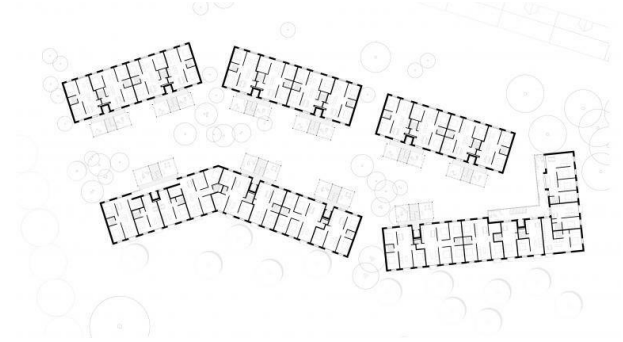
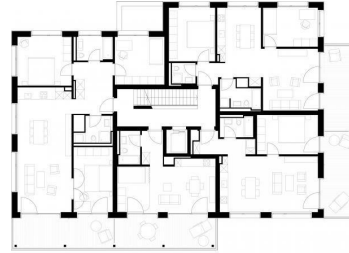




US & Canada

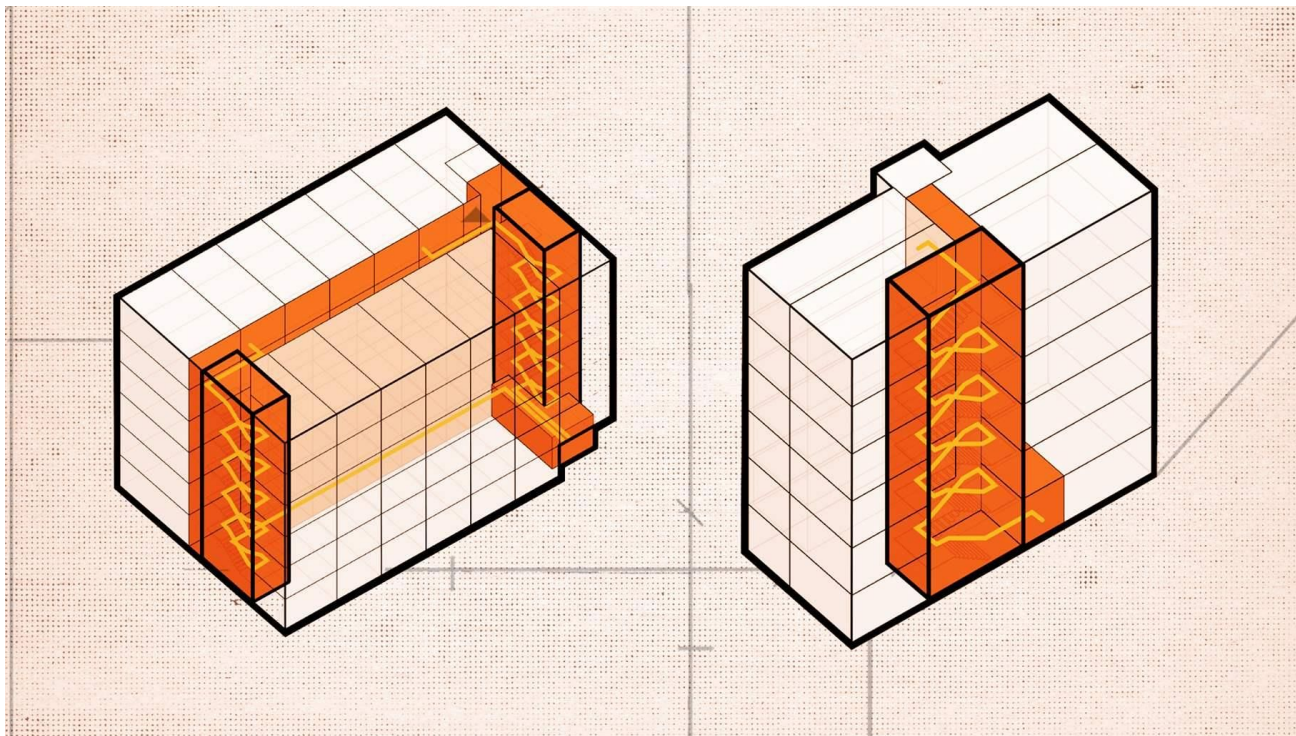


Elsewhere

Small Single-Stairway Apartment Buildings Have Strong Safety Record

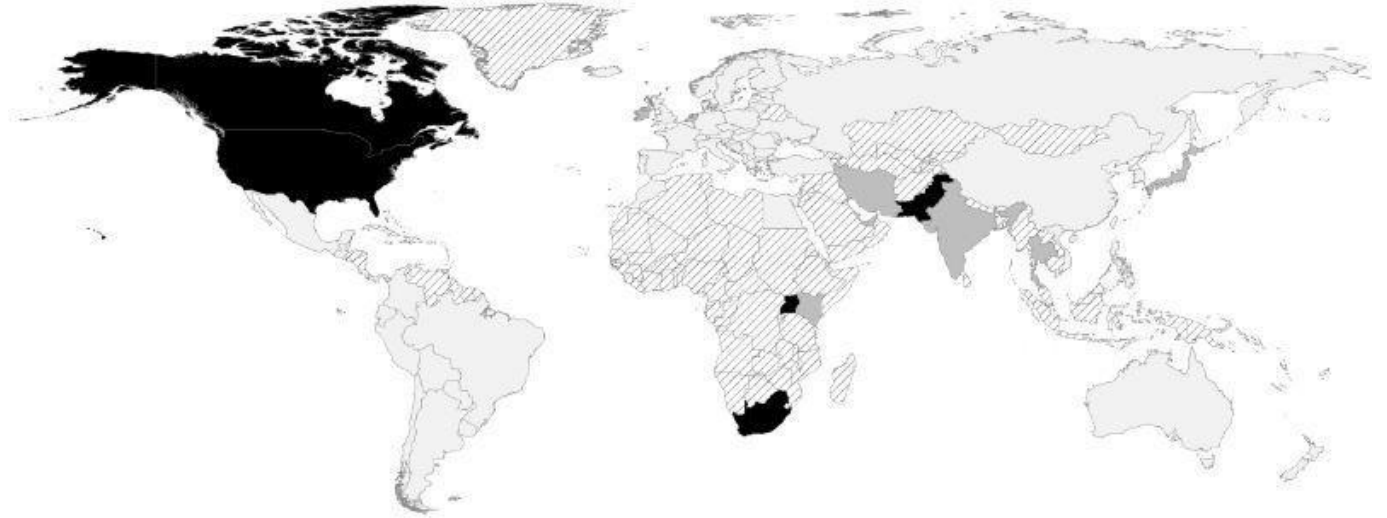
Report by Pew Research (February 2025)

Pew



Single-Stair Worldwide

Legality of Single-Stair by Number of Stories



1-3 Story Limit



3-6 Stories



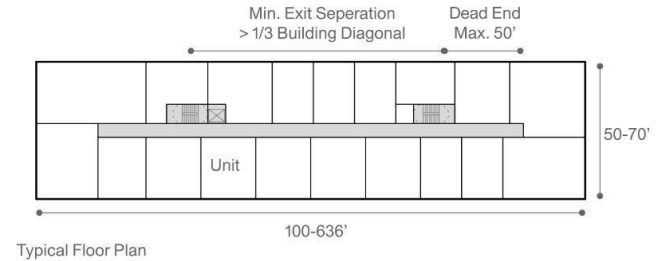
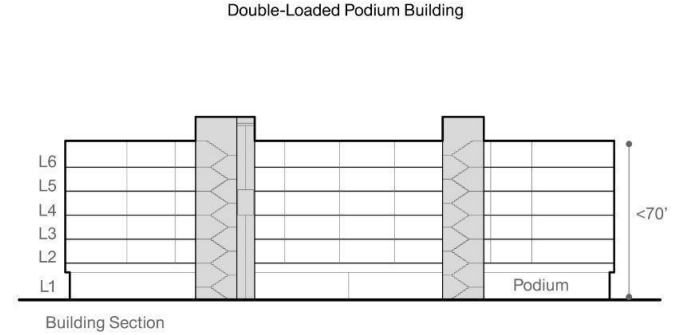
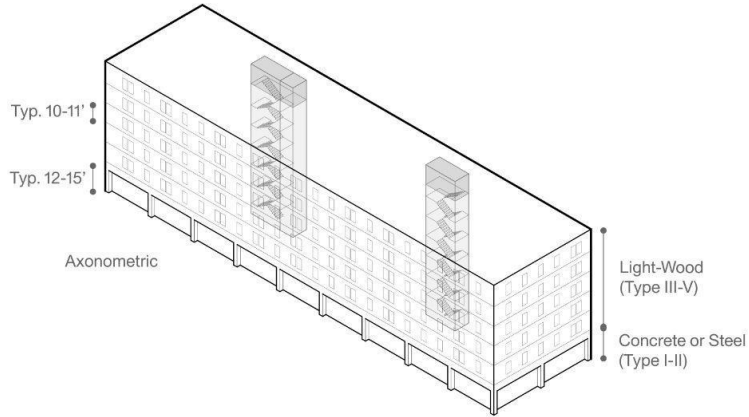
7+ Stories



No Data

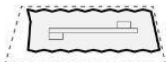
Status Quo Building

- Only Works at Large Sizes
(11-15k floorplate)
- No Cross-ventilation
- Natural light on only one side
- Fewer family-sized units



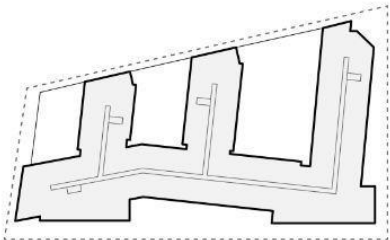
Double-Loaded Footprints

Six-plex
Footprint on
Median Sized
Boston Parcel
(4,600 SF)

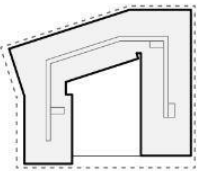


9K

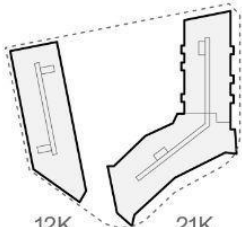
Typical Greater Boston Double-loaded
Podium Footprints



61K Footprint

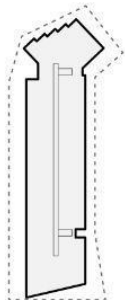


29K

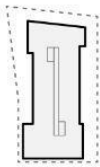


12K

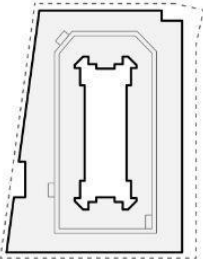
21K



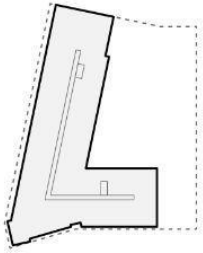
26K



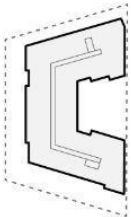
12K



55K



31K

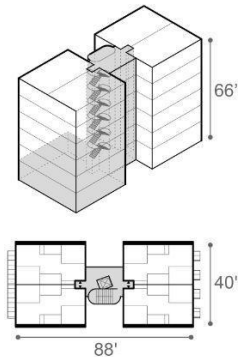


20K

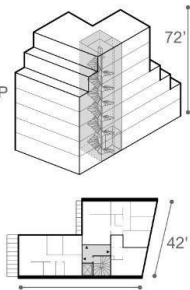


Point-Access-Blocks (PABs)

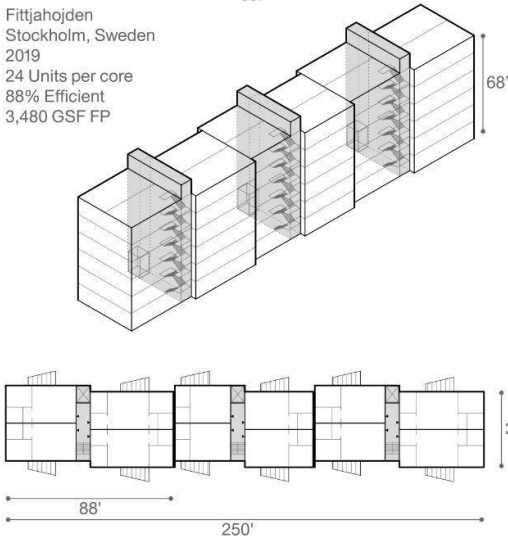
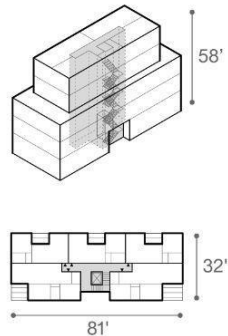
110 Rooms
Barcelona, Spain
2016
22 Units
88% Efficient
+/- 3,030 GSF FP



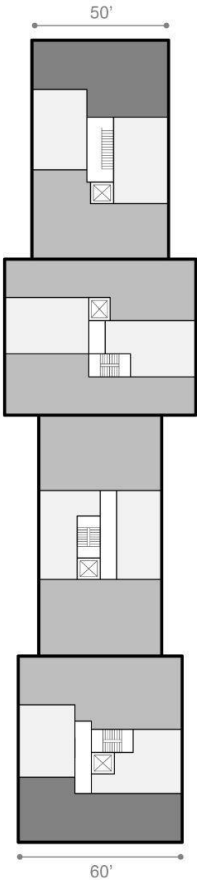
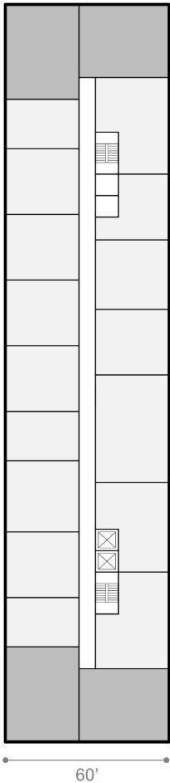
17 Apartments
Paris, France
2017
17 Units
84% Efficient
+/- 2,300 GSF FP



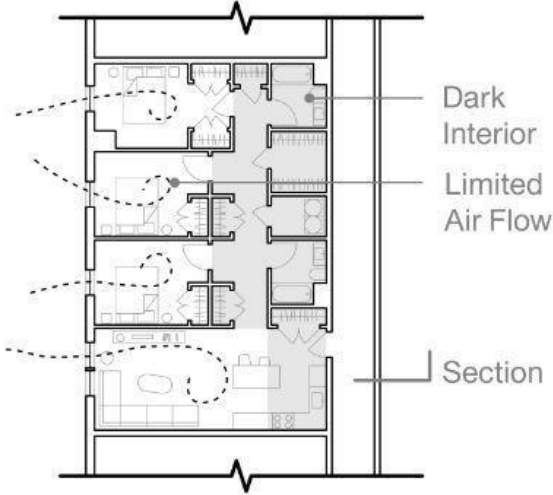
High Street Apartments
Thornbury, Australia
2022
13 Units
83% Efficient
2,225 GSF FP



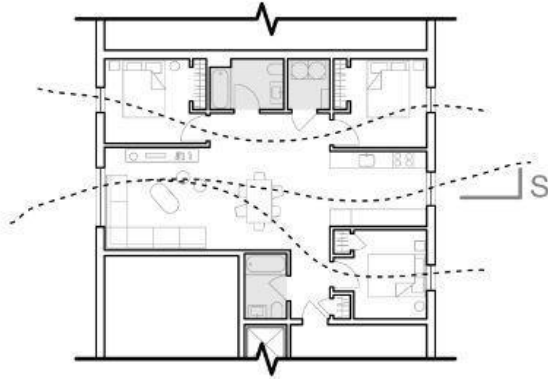
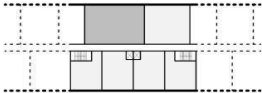
More Air & Light



More Air & Light



Key Building Plans



Corridor vs. Single-Stair







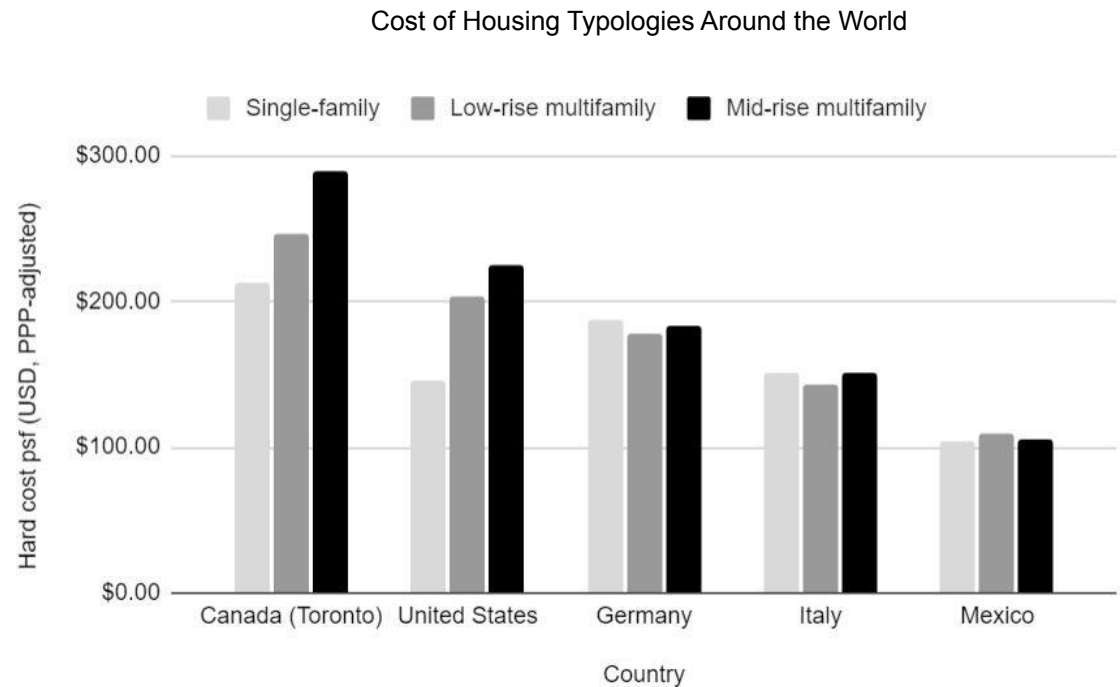
What's in the bill?

- Number of floors allowed per construction type
- Number of units per floor
- Distance between unit and stairway
- Fire rating of construction elements
- Fire suppression
- Stairway pressurization

Questions?

(I have three extra secret slides in case I need them.)

Missing Also Because it's Expensive

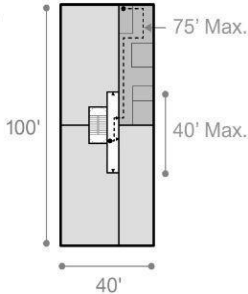


Courtesy of Center for Building in North America

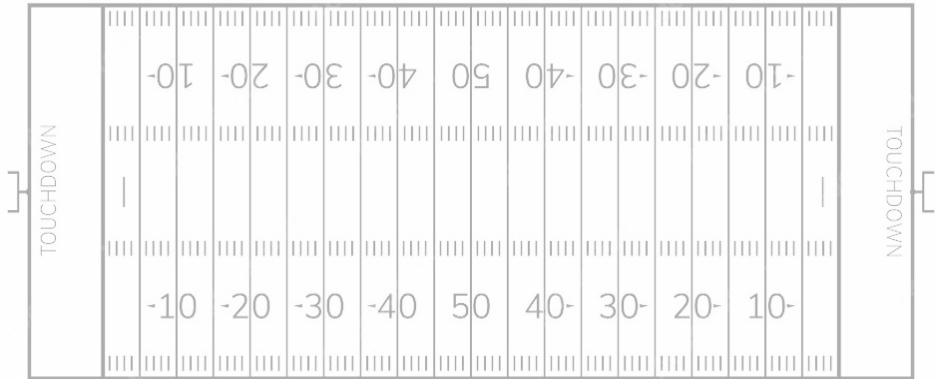
Code Limitations

Maximum Single-Stair Floor Plan (Proposed)

Single-Stair
4 Units
4,000 GSF FP
75' Max. Travel



American Football Field



Maximum Double-Loaded Floor Plan (Existing)

Double-Stair
48 Units
41,356 GSF Floor Plate
125' Max. Common Path
250' Max. Travel

