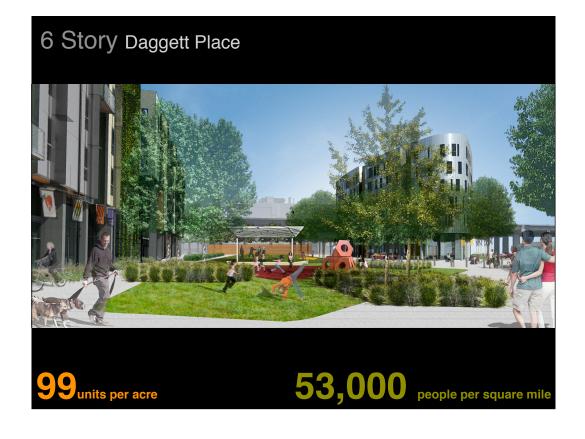


Why Increased ground level ceiling heights

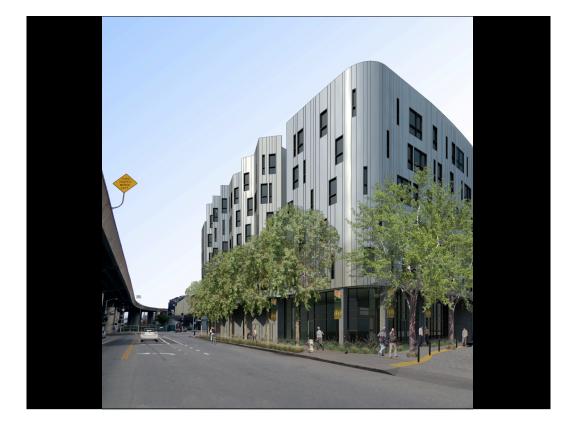
Higher ceiling heights at ground level, now mandated in some San Francisco districts under recent zoning:

D]°

Eastern Neighborhoods14' floor to ceilingUrban Mixed Use (UMU)18' floor to ceiling









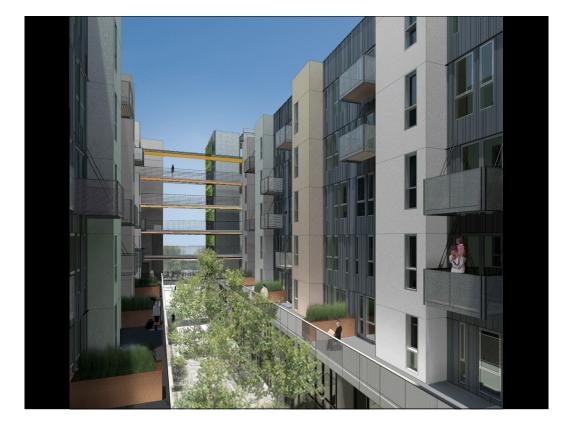
















International Building Code - IBC

(replaced the UBC with advantages for this type of building)

**c[C**[

TYPE III allows 85 ft maximum height but only 5 stories without bonus exception of Type I ground floor

Ground floor residential allowed under new code (used to only allow parking (!), then commercial was added)

]]**]** 

TYPE III Construction (wood)

Allows a wood frame building taller than regular Type 5 wood framing.

**e[C**[

TYPE III Construction (wood frame)

Main difference from Type V wood frame:

Exterior walls need to 2 hr, or 4 layers of gypsum board, 2 inside, 2 outside

D]°

TYPE III Construction (wood frame)

More expensive than Type V wood frame: recent framing costs on Dbarchitect projects of \$28 to \$32 per SF for Type 3, about \$5 more than Type 5 wood frame.

D]°

This seems to usually work for the cost feasibility.

TYPE III Construction (light steel frame)

Can be light steel framing at additional cost of about \$5 over Type III wood with the advantage of lower mold potential.

D]

Unclear if light steel version can be built at a reasonable schedule, lots of screws!

# Why

Bottom Line:

- 1. Adds 20% more building to the same site
- 2. 6 story building at reasonable construction cost

])**)** 



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