

Trekonstruksjonsdagen 2019 The World turns to Mass Timber



PATH ARCHITECTURE

KAISER  GROUP



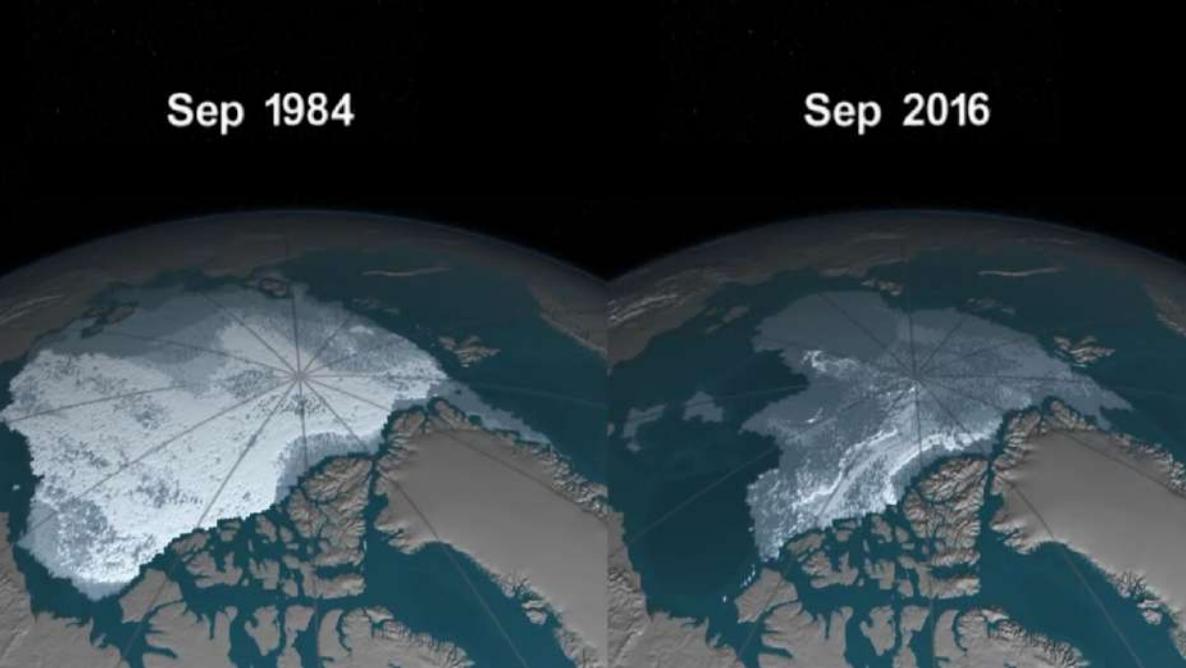
By 2060, global building floor area will increase by 230 billion square meters, or, double the current worldwide building stock.

About 40% of this construction is expected to take place over the next 15 years.

**Source: Global Status Report, GABC
Architecture 2030**

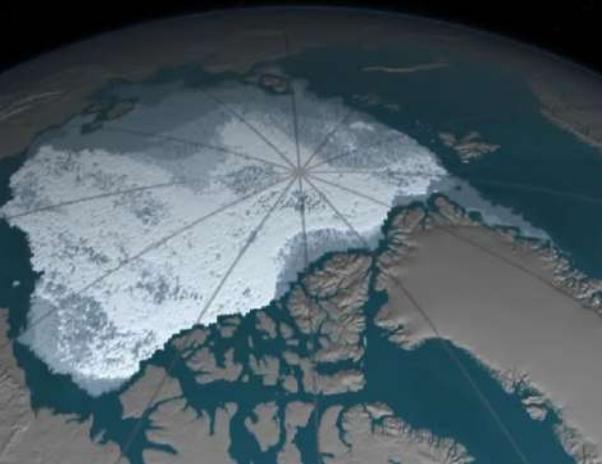
Sep 1984

Sep 2016



Cities are going to change dramatically over the next
20 years, **because they have to.**

Sep 1984



Sep 2016



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20 years, **because they have to.**

We are
Developers,
Architects, and
General Contractors.

***Consolidation and collaboration with the
intent to innovate.***



PATH ARCHITECTURE

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A small, traditional-style sailboat with a single mast and a yellow sail is positioned on a dark, textured surface, possibly a rock or a piece of wood. The background is filled with numerous out-of-focus, glowing circular lights in various colors like blue, green, red, and yellow, creating a bokeh effect.

We've succeeded before.



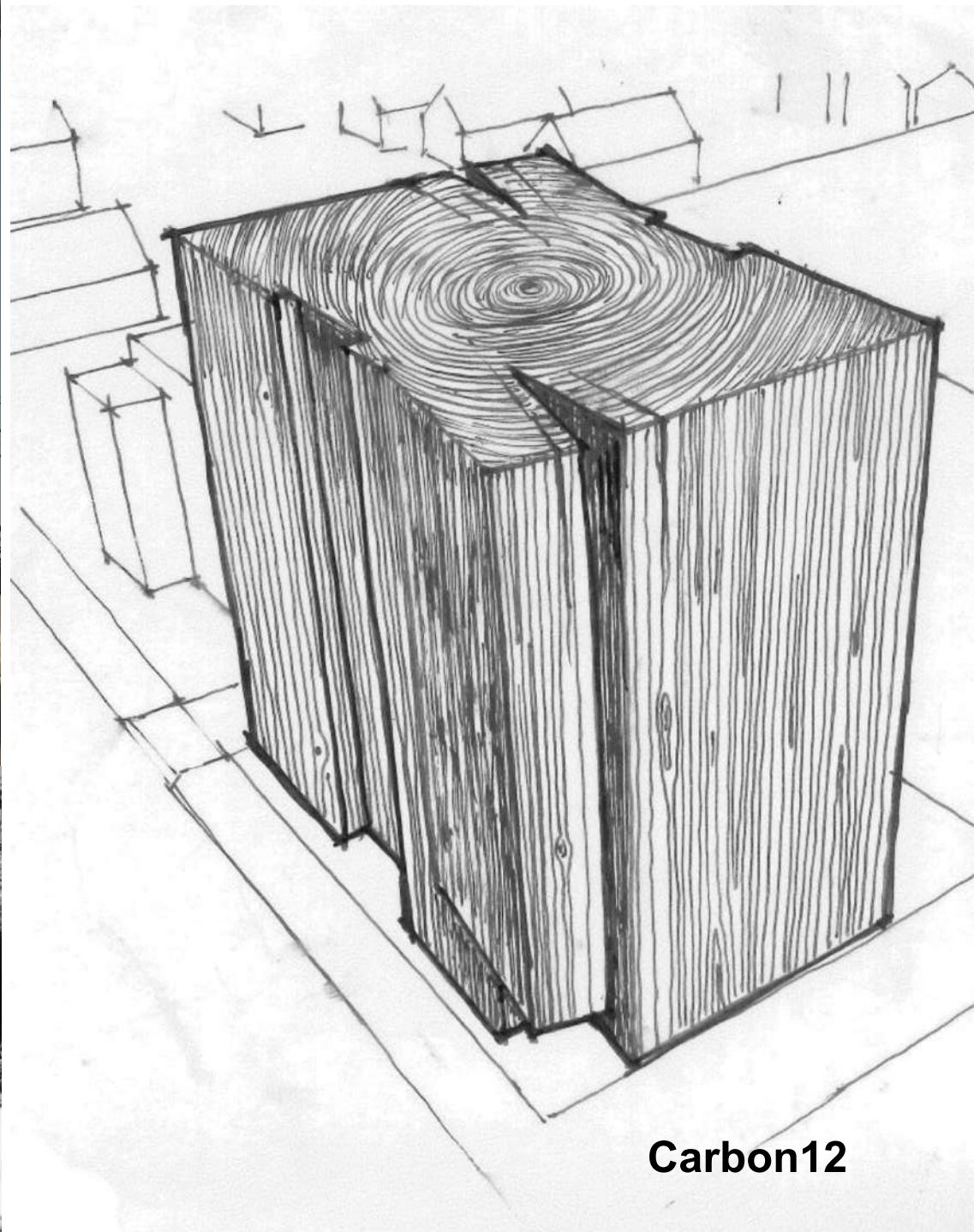
We will again.



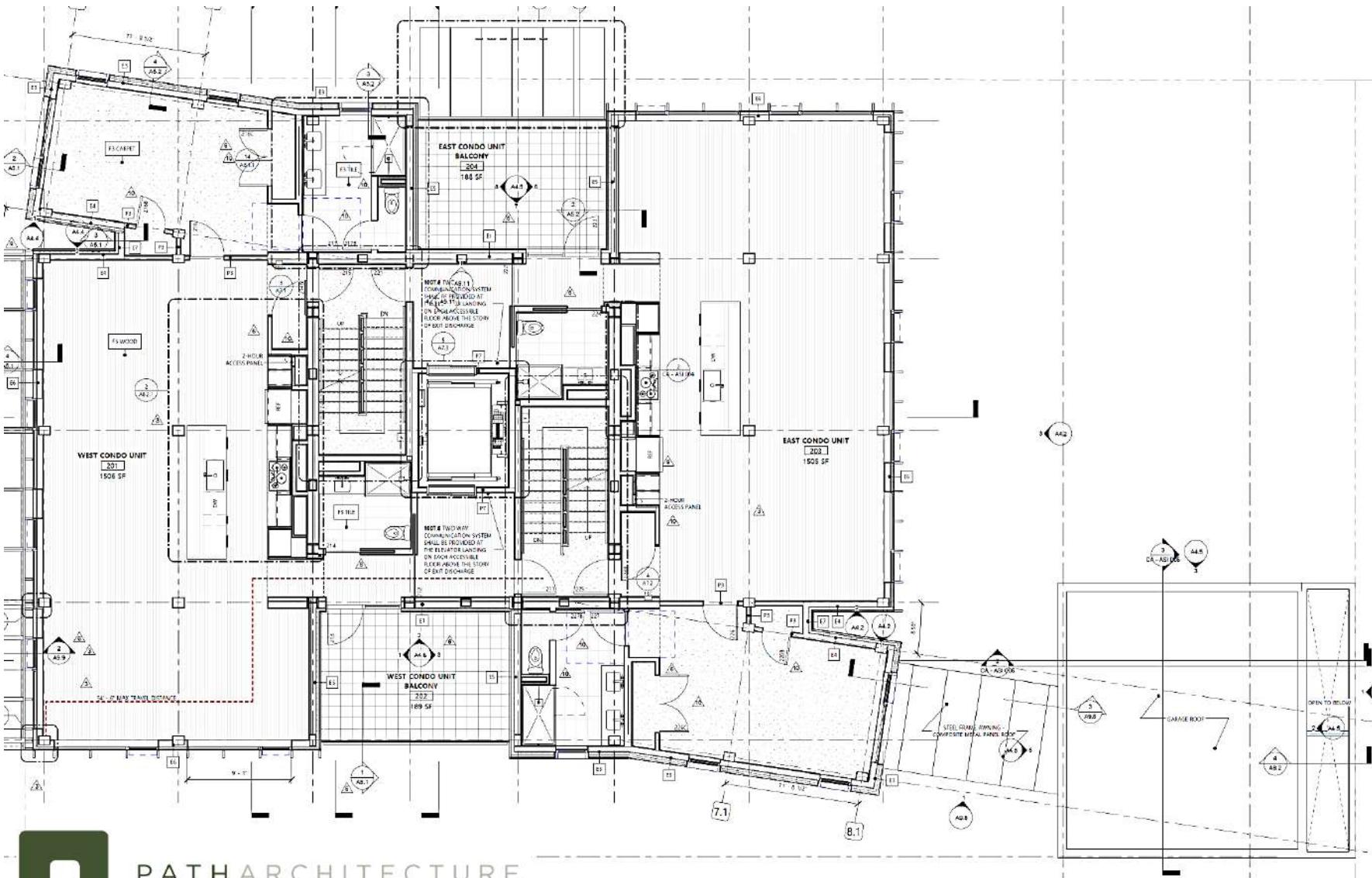
The Radiator

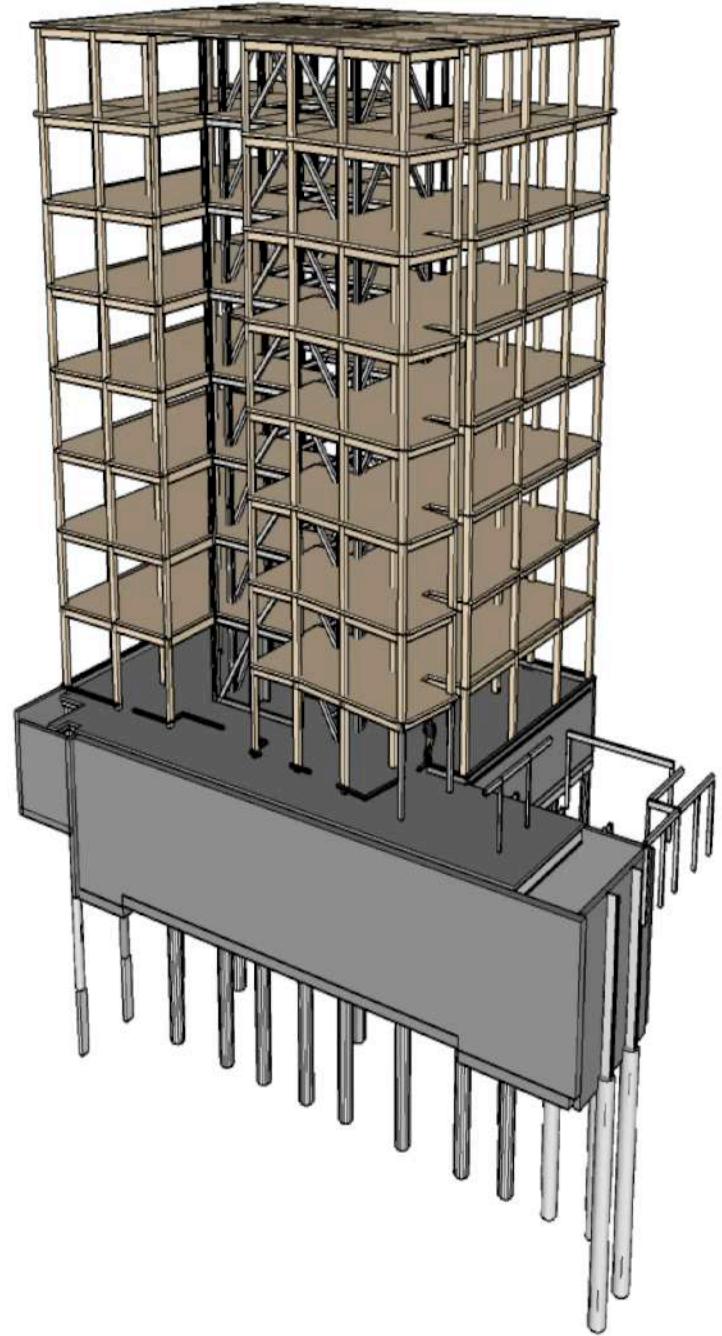


OneNorth



Carbon12

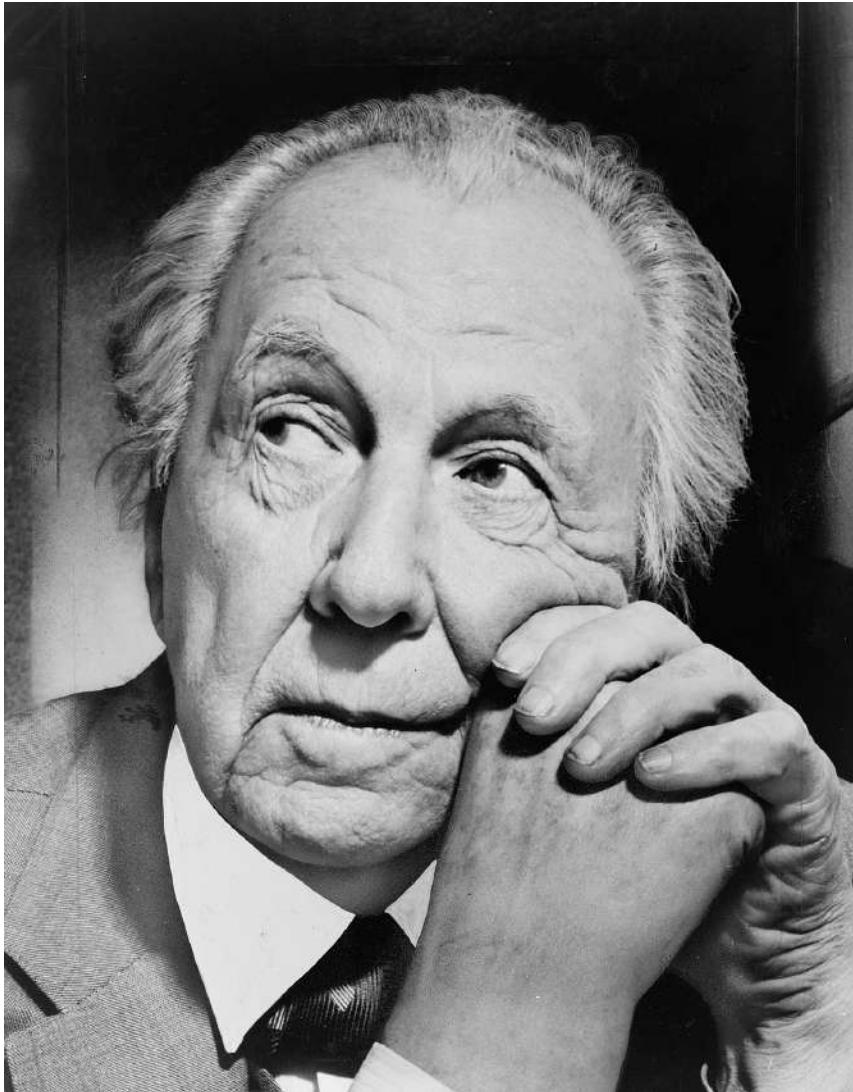




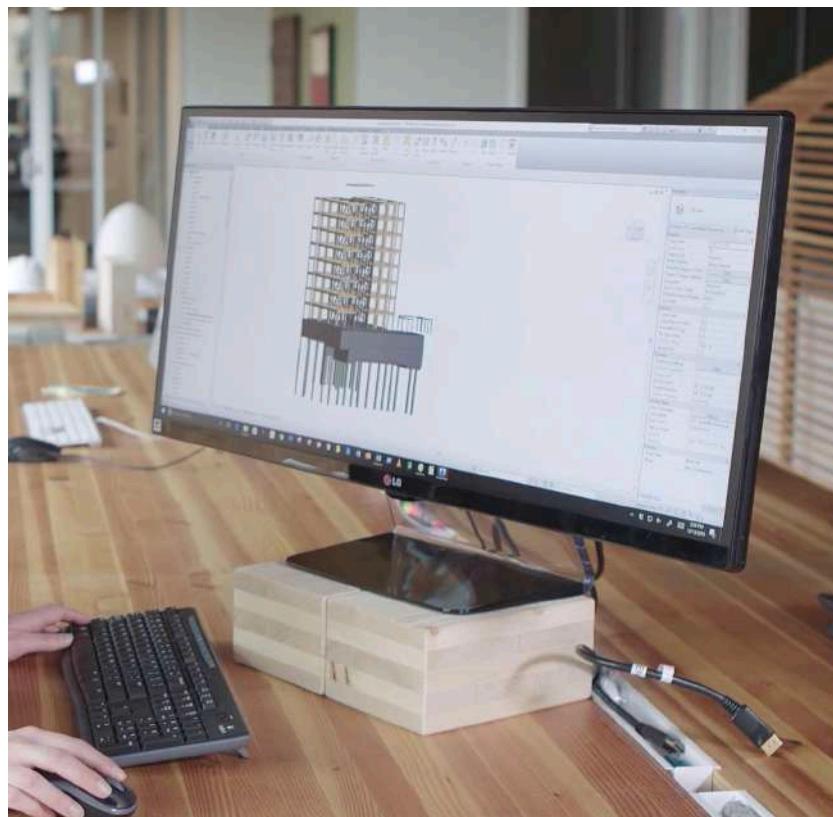


If you Google “Master Builder”

According to Wikipedia;



"To become a **Master Builder** an architect must not only be possessed of the theoretical knowledge of engineering and a knowledge of the details of building construction, but he must become the deviser of methods of construction."



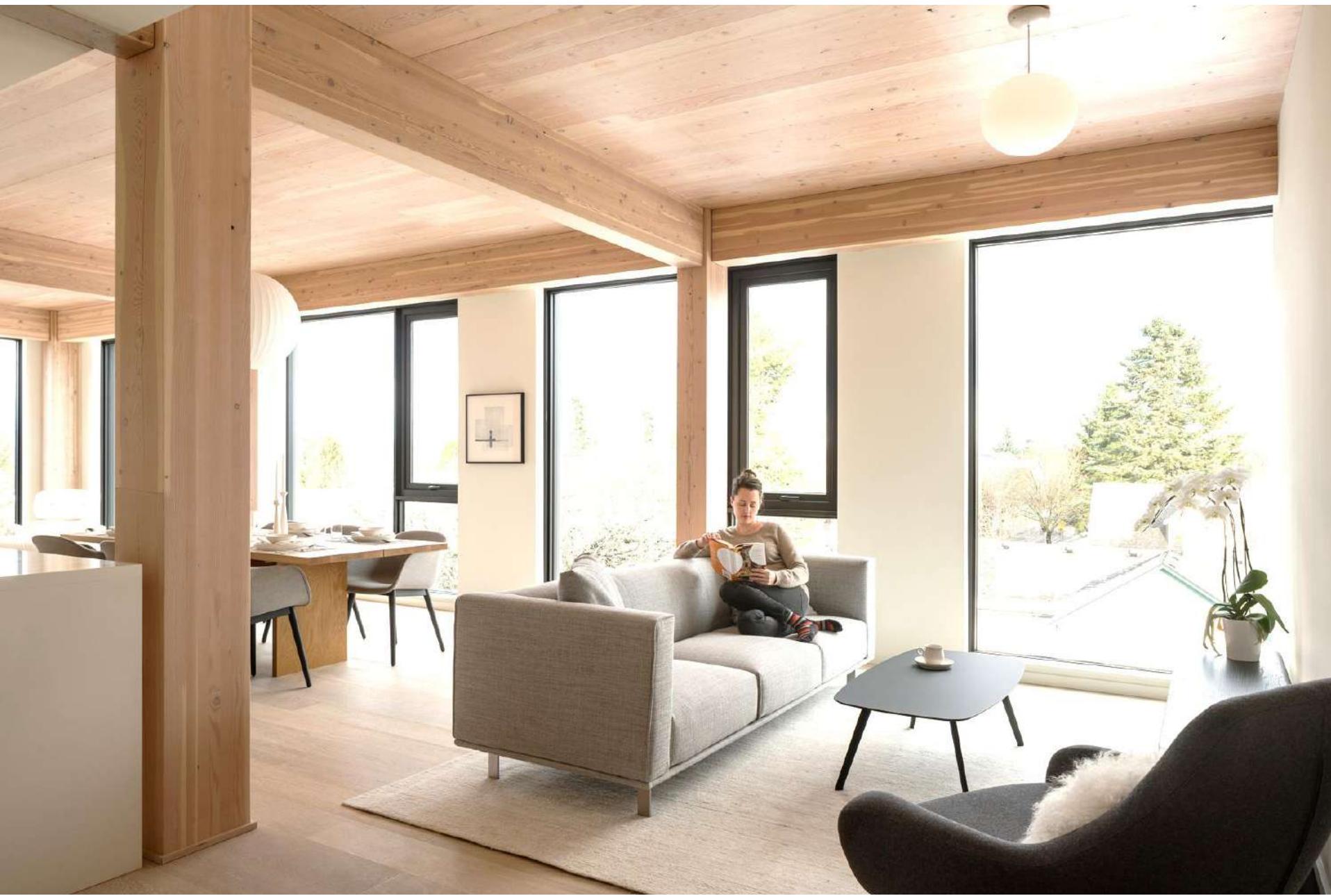


Carbon12 weighs 25% of what it would have weighed had we built it with concrete.











Carbon Summary



Results



Volume of wood products used:
691 cubic meters (24,411 cubic feet)



U.S. and Canadian forests grow this much wood in:
2 minutes



Carbon stored in the wood:
577 metric tons of carbon dioxide



Avoided greenhouse gas emissions:
223 metric tons of carbon dioxide



Total potential carbon benefit:
800 metric tons of carbon dioxide

Project Name:
Date: May 2, 2017

Results from this tool are based on wood volumes only and are estimates of carbon stored within wood products and avoided emissions resulting from the substitution of wood products for non-wood products. The results do not indicate a carbon footprint or global warming potential and are not intended to replace a detailed life cycle assessment (LCA) study. Please refer to the References and Notes¹ for assumptions and other information related to the calculations.

Equivalent to:



169 cars off the road for a year



Energy to operate 84 homes for a year

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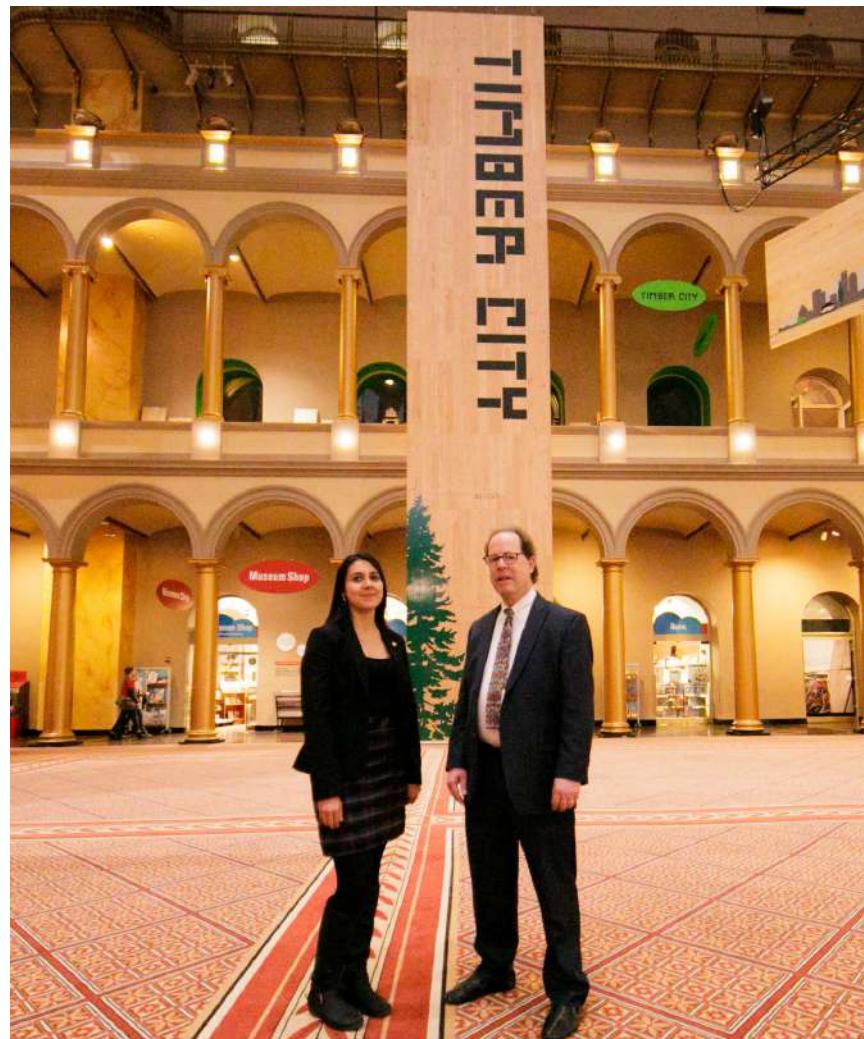
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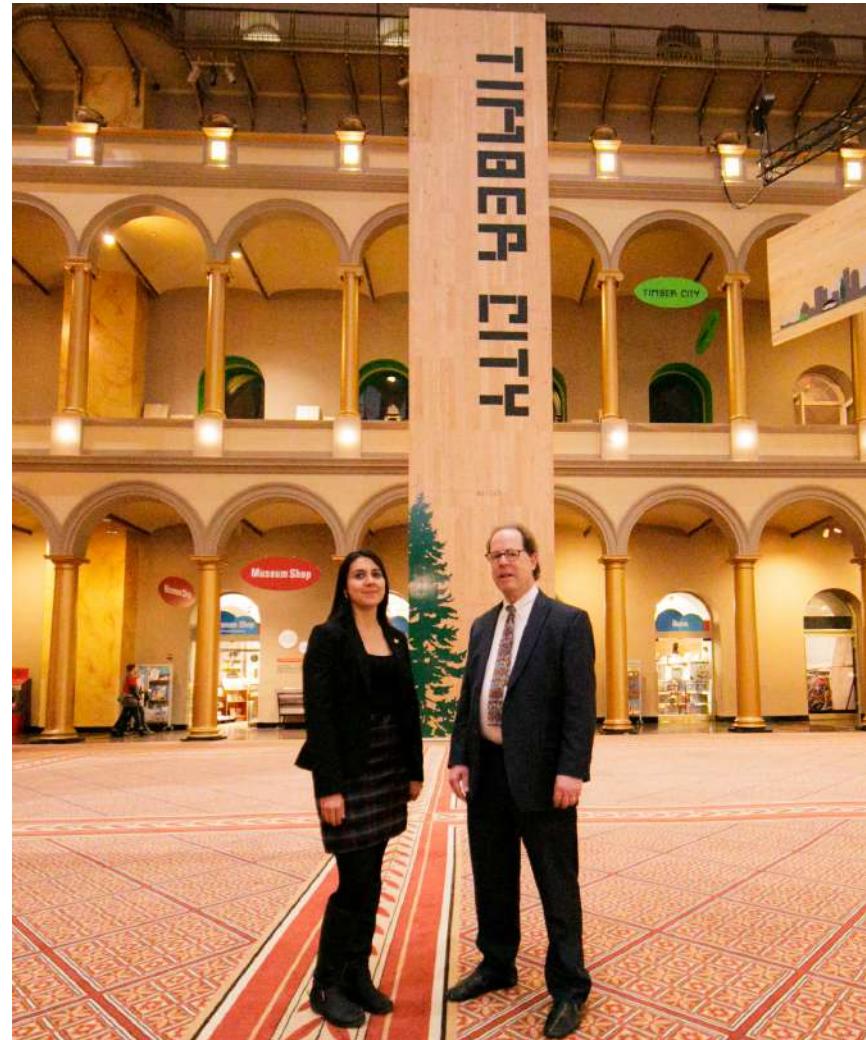
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Let's switch.



The Canyons

A different take on barrier free living.

130,000 sf of mass timber.







PATH ARCHITECTURE

Non concessionary, high-impact, Investment

- Secure higher priced and faster sales, and a higher rental income, due to the aesthetic appeal of mass-timber buildings
- Reinvigorate our rural, timber towns by creating an increased demand for our country's forest products
- Create a public insistence for better forest management, more selective logging in National forests, and drive public and private reforestation
- Reduce the frequency of forest fires and their associated costs
- Stay ahead of the curve on the BIM and CNC revolution in the built environment and benefit from the ensuing quality, schedule and cost improvements
- At an imperative time, dramatically reduce the carbon production of the built environment

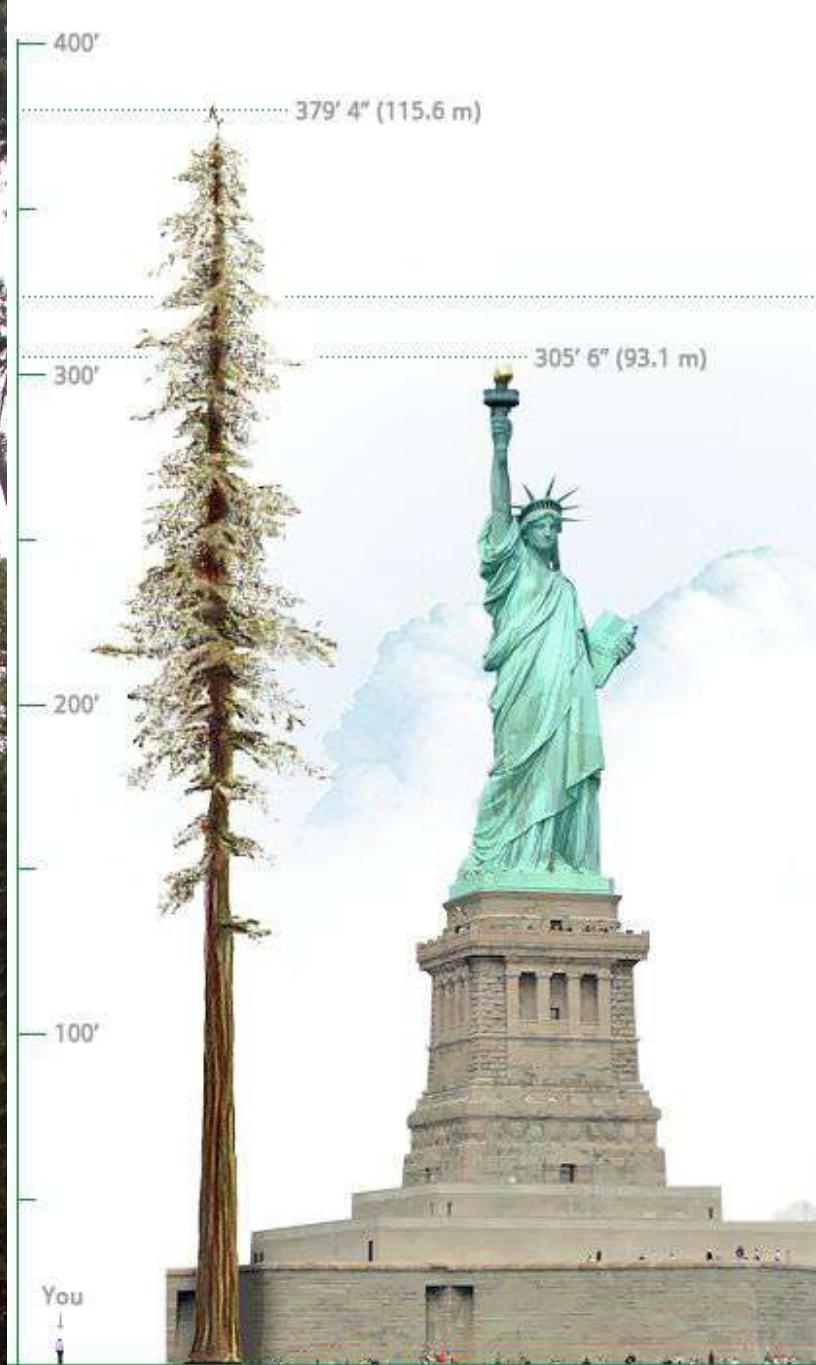


PATH ARCHITECTURE

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The Kaiser Group Pledge





Height comparison of the Hyperion tree (ltwmt.com)



Tusen Takk



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