



# TOMO HOUSE

## ABOUT THIS PROJECT

- + Co-housing project for middle income families.
- + The goal of the development was to provide homes that are affordable, sustainable, and sociable, addressing the city’s “missing middle” housing gap between detached homes and condos.
- + 12-unit project served as a prototype for other co-housing communities, as it created a mini, multi-generational urban village where resources can be shared within a single “micro-community”.
- + Environmental sustainability was at the forefront of the project.
- + Pursuing Passive House certification.
- + To meet Passive House standards, the mechanical team incorporated a decentralized heat recovery system and a heat pump domestic hot water system, reducing costs as well as greenhouse gas emissions.
- + To improve energy efficiency, the electrical team proposed high-efficacy lighting, automatic lighting controls, and air tightness for electrical installation on the exterior and demising walls.

**LOCATION**  
Vancouver, BC

**SMITH + ANDERSEN**  
**SERVICES PROVIDED**  
Mechanical, Electrical

**SIZE**  
10,830 sq. ft. (1,000 sq. m.)

**BUDGET**  
Confidential

**COMPLETION YEAR**  
2020

**SUSTAINABILITY**  
Passive House Certification  
(Target)

## HOT BUTTONS

RESIDENTIAL

DESIGN / BID

NEW BUILDING

LOW RISE

MECHANICAL DESIGN

ELECTRICAL DESIGN

PASSIVE HOUSE



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