# Missing Middle Housing Fundamentals

RL Mace Universal Design Institute

## Defining Missing Middle Housing

Missing Middle is a range of multi-unit or clustered housing types compatible in scale with single-family homes that help meet the growing demand for walkable urban living.

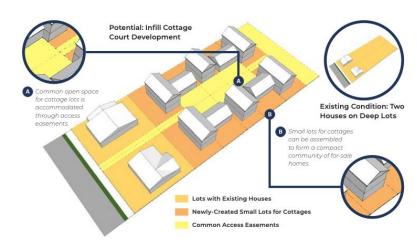
-Daniel Parolek, Founder of Opticos

## A group of different housing types that...

- Have multiple units on 1 lot
- Are more similar in scale to single-detached homes than to apartment buildings
- Courtyard housing, duplexes, triplexes, fourplexes, ADUs etc.

### MMH Types: Cottage Court

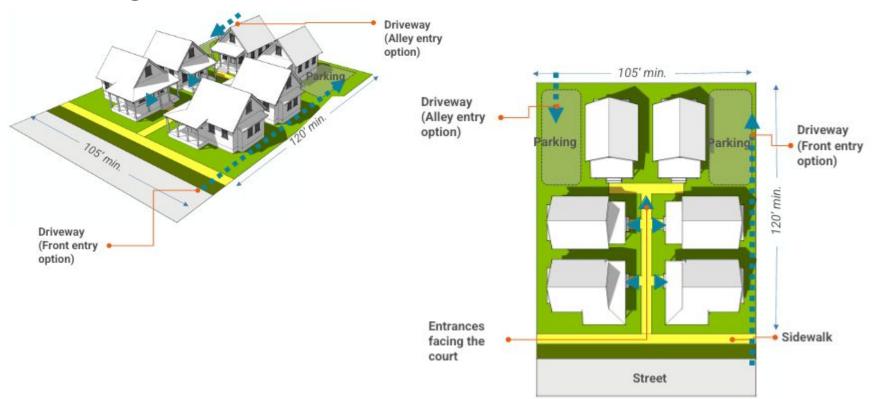
#### INFILL EXAMPLE



Sources- above: Opticos, Sacramento MMH Study; right: AARP Discovering and Developing MMH

- Typically 1 to 1½ stories tall.
- Can include single detached, duplex, triplex,multiple attached units, or any combination.
- Oriented around a courtyard that serves as an outdoor community space in lieu of rear yards
- A group of three to 16 detached dwelling units on one lot with a footprint of less than 900 square feet each.
- Shared parking areas
- Often have a common building used for community gatherings or reserved for private parties
- May offer shared laundry facilities, storage spaces and secondary housing units that can accommodate guests.

### Cottage Court Examples



Source: Washington State Dept. of Commerce

### **Cottage Court**

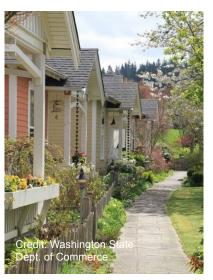








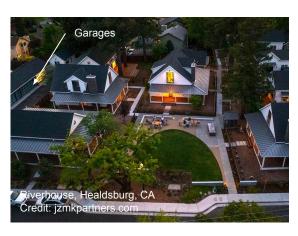




### **Cottage Court**





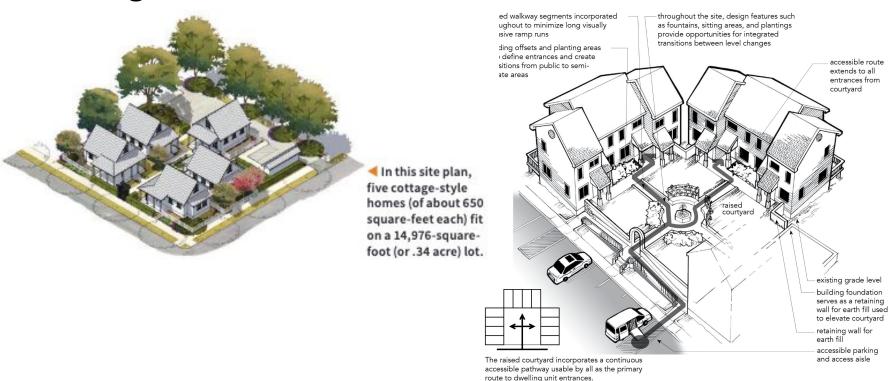








### **Cottage Court**



RAISED CENTRAL COURTYARD

# MMH Types: Cottage Court Additional Resources

NAHB on Cottage Courts: Case Studies
Sacramento MMH Study/Recomendations



above: AARP MMH

# MMH Types: Duplex

- Two units within a building that is of similar size and scale to a single-family house.
- Units may be side by side w/shared common wall or stacked
- Entrances to both units face the street
- Ground floor units are age-friendly

### Duplex

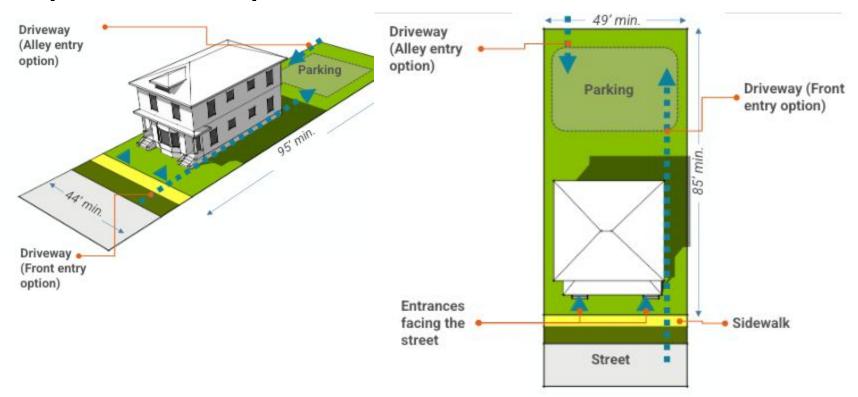








### **Duplex Example**



Source: Washington State Dept. of Commerce

## MMH Types: Triplex

- Three units within a building that is of similar size and scale to a single-family house.
- Units may be side by side w/shared common wall or stacked
- Each unit has a separate entrance. Some face the street.

### Triplex

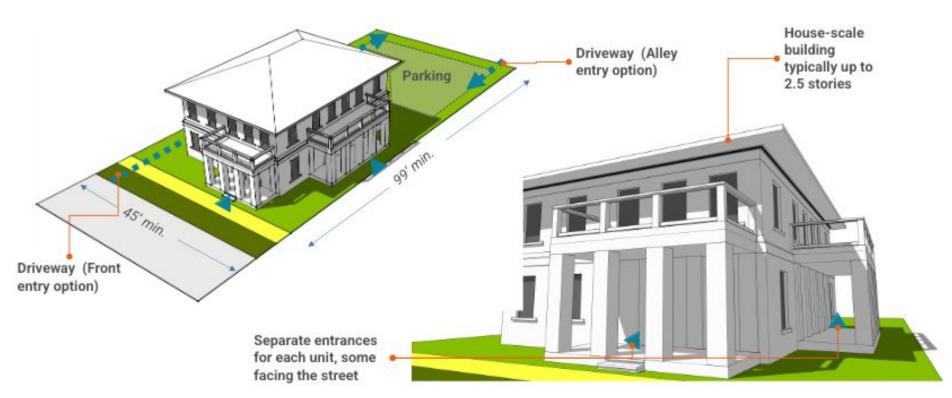








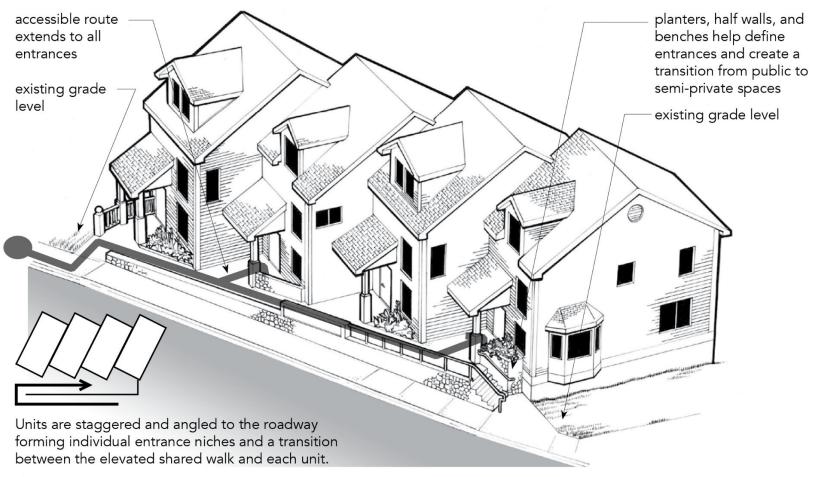
### Triplex Example



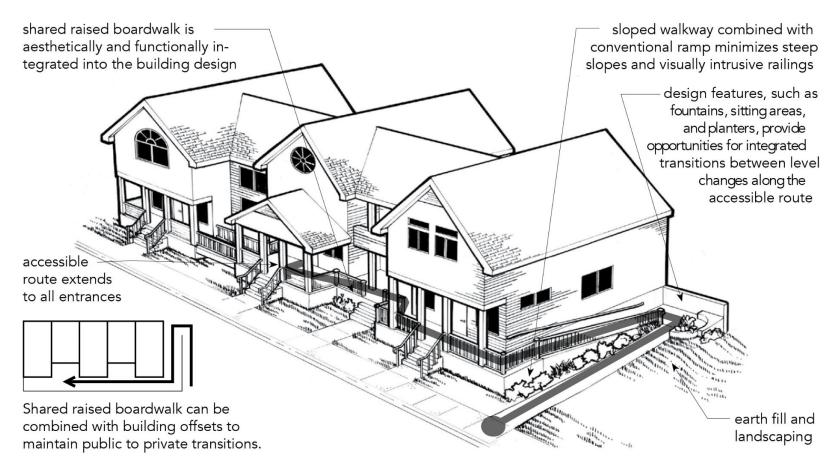
Source: Washington State Dept. of Commerce

### Home Access

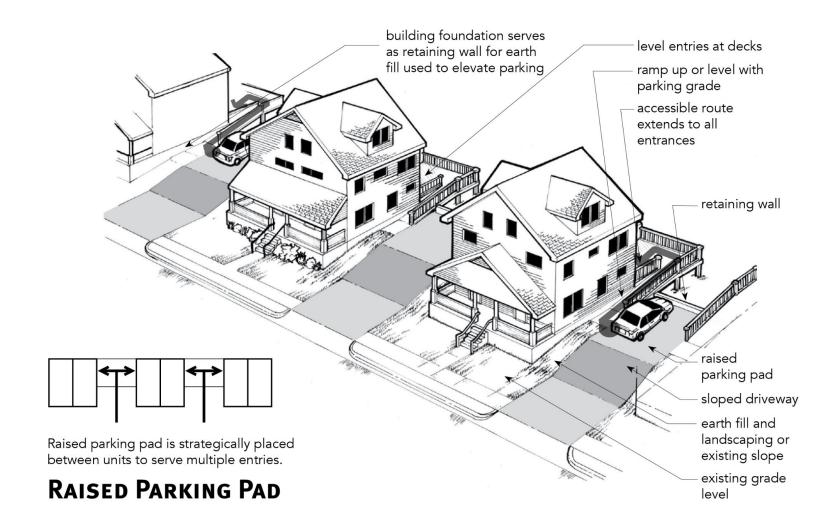
- Graded to shared walkways
- Graded parking pad to level entrance
- Graded shared alleyway

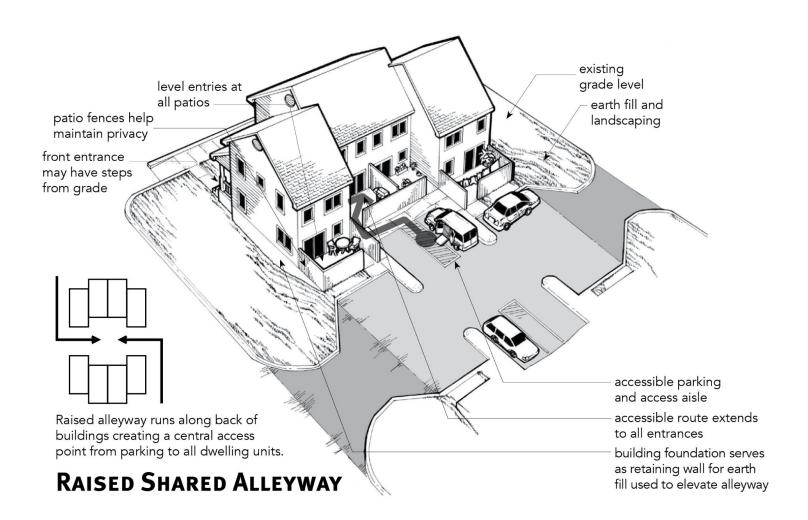


#### **SHARED WALKWAY**



#### SHARED BOARDWALK





#### Resources

Opticos

https://missingmiddlehousing.com/types

https://opticosdesign.com/work/?tag=missing-middle-housing

Washington State Dept. of Commerce

https://www.commerce.wa.gov/serving-communities/growth-management/growth-management-topics/planning-for-middle-housing/

**AARP** 

https://www.aarp.org/livable-communities/housing/info-2022/missing-middle-housing-download.html

Family Housing Fund, Minneapolis, MN <a href="https://www.fhfund.org/report/duplex-designs/">https://www.fhfund.org/report/duplex-designs/</a>

Fargo 2023 Materials

https://drive.google.com/file/d/1gkFXGUgFFCdSLAbgv0XstFutuSC7QFnF/view?usp=drive\_link