

# MULTIDWELLING INFILL PROTOTYPES

## PORTLAND, OR

## Improving the Design of Multidwelling & Rowhouse Development in Portland's Neighborhoods

**DESCRIPTION** In recent years, Portland has experienced a large amount of multidwelling and rowhouse development. This provides needed housing for the residents. However, not all of this development has met the community's design goals, such as respecting desired neighborhood character and contributing to a pedestrian-oriented streetscape. The Multidwelling Prototypes are a product of the City of Portland Bureau of Planning's "Infill Design Project", intended to serve as exemplary models for future development in low- and medium-density multidwelling zones and serve as a "path of least resistance" incentive for builders and developers.

**VISION** To improve the design of multidwelling and rowhouse development in neighborhoods outside Portland's Central City, while considering impacts on housing costs, the environment and function for residents.

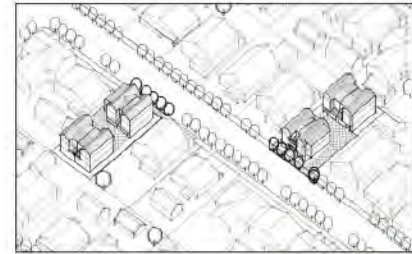
**PROJECT REQUIREMENTS** Emphasis of the project is on finding ways of encouraging desirable development, rather than simply regulating against bad design.

## DESIGN FEATURES

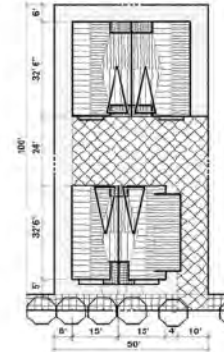
- Encouraging quality design while facilitating affordable housing
- Providing for automobile parking while contributing to pedestrian-friendly street frontages
- Accommodating greater density while respecting desired neighborhood character
- Allowing the new while respecting the existing neighborhood



Site Axonometric View



Neighborhood Context



Site Plan (1" : 30')



Precedents



**Client:** Portland Bureau of Planning

**Completion:** September 2006

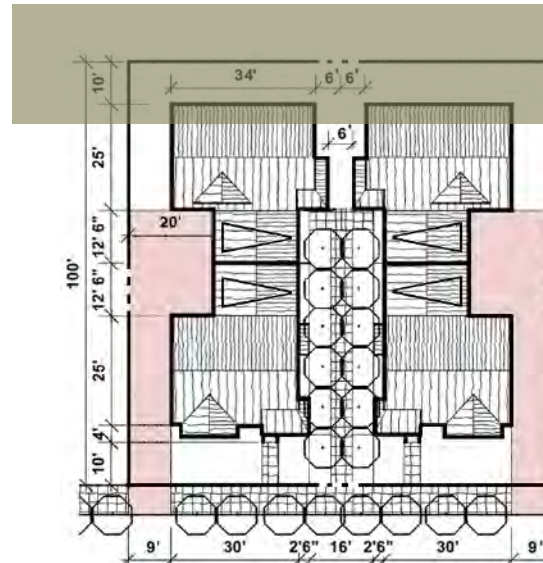
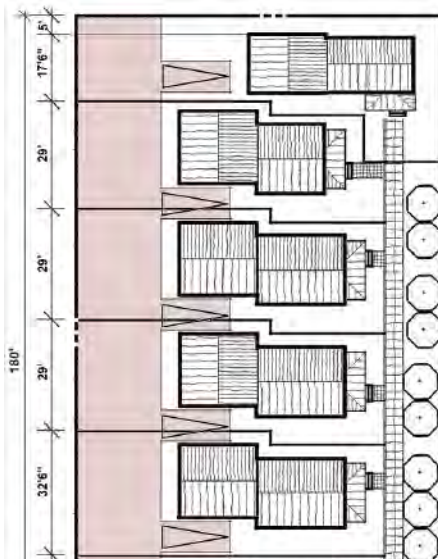
**Contact:**

Bill Cunningham

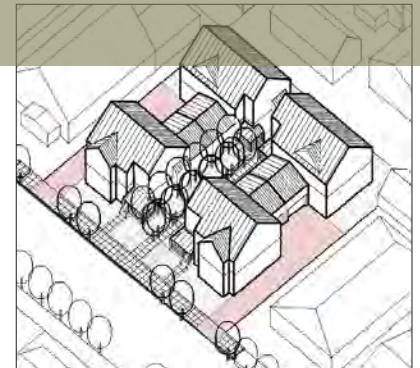
Project Manager

503.823.4203

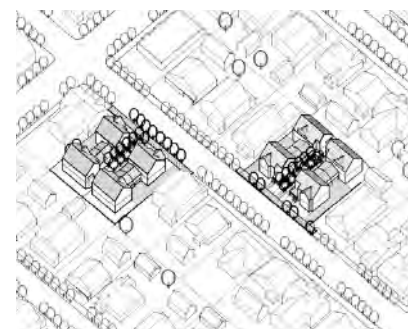
bcunningham@ci.portland.or.us



Site Plan (1" : 30')



Site Axonometric View



Neighborhood Context

## GREEN FEATURES

- Meeting City's density goals while providing usable open space
- Minimizing impervious surfaces while ensuring durable vehicle areas



**PROTOTYPE 1a**  
**100' X 100' Site, R2 Zone**  
**"Cottage Cluster"**

- 4 units (1,500 - 1,950 sq.ft each) arranged around a common green, either attached or detached

R2 Zone | 10,000 SF Site | Inner Neighborhood | "Cottage Cluster"