Portland Infill Site

# **PORTLAND**

### COURTYARD HOUSING: INNER PORTLAND INFILL SITE

INDEPENDENT STRUCTURES ON FEE SIMPLE LOTS, FORM A SHARED COURT. THIS MULTI-USE SPACE, PERMEABLY PAVED, TERMINATES IN A SHADED COMMON GREEN; A VEGETATED INFILTRATION BASIN. APPROPRIATE SETBACKS & SINGLE FAMILY SCALED MASSING MERGE WITH THE NEIGHBORHOOD. FAMILIAR MATERIALS, ALBEIT IN MODERN FORMS, ADD DOMESTIC SCALE. DOORYARDS DEFINE TERRITORY, SEPARATING PUBLIC FROM PRIVATE. MODESTLY SCALED & SIMPLE, THE HOMES FORM A VARIETY OF SPACES THAT FOSTER PRIVACY AND SECURITY. CHILDREN PLAY ON PRIVATE PATIOS, FRONT PORCHES, THE SHARED COURT OR COMMON GREEN, ALL WITHIN VIEW AND EARSHOT OF THE HOME. ENVIRONMENTALLY APPROPRIATE TECHNOLOGIES & MATERIALS FOSTER A SUSTAINABLE LIVING ENVIRONMENT FOR FAMILIES TO FLOURISH.

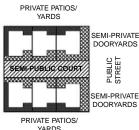
6 Home (26 du/ac) - Site Coverage 4,650 sq.ft. (47%) - Total Area 6,800 sq.ft - Hgt 22.5 ft. (4) 3 Bedroom Homes @1,200 sq.ft. each + (2) 2 Bedroom Homes @ 1,000 sq.ft. each



Fee Simple

SETBACKS TWO STORY HEIGHT FAMILIAR MATERIALS IALLER SCALE MASSING AT STREET

Neighborhood Compatability



Open Space Hierarchy

MODEST SIZE SIMPLE FORM & DETAIL APPROPRIATE TECHNOLOGY **EFFICIENT** SYSTEMS

Affordable by Design

OBSERVABLE EXTERIOR SPACES

VISIUAL & ACOUSTIC

SEPARATION

VARIETY OF

SPACES & USES

TERRITORIALITY OUTSIDE & IN

MANAGEMENT

ENERGY EFFICIENCY STORM WATER

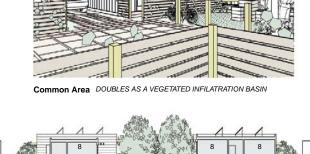
UTILIZES EXISTING INFRASTRUCTURE

RECYCLED/

RENEWABLE MATERIALS

Privacy & Security











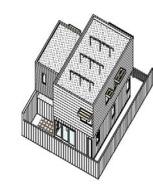
SHARED COURT DOORYARD/PORCH 3 CARPORT/OUTDOOR RM. 4 PRIVATE PATIO

Section Legend

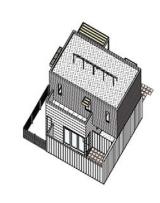
VEGETATED BASIN LIVING ROOM KITCHEN / DINING B BEDROOM
PHOTO VOLTAIC PANELS 10 VEGETATED BIO-SWALE

Front Porch TRANSITION FROM PUBLIC TO PRIVATE









Three Bedroom Home: First Floor



Second Floor



Second Floor

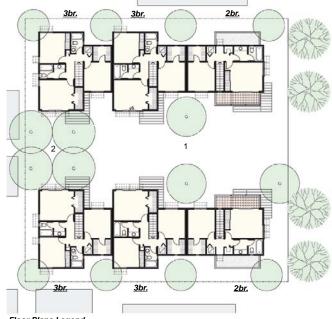


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Site Plans Legend

Site / First Floor Plan

- SHARED COURT PERMEABLE PAVING
- COMMONS / PLAY AREA VEGETATED INFILTRATION BARRIER DOOR YARD / PORCH WITH INFILTRATION PLANTERS
- CARPORT / OLITDOOR ROOM PLAY AREA WHEN CARS ARE AWAY
- PRIVATE PATIO / YARD WITH TREES & BIO-SWALES 6 VEGETATED BIO-SWALE / BASIN
- RAINWATER COLLECTION BARRELS



# Floor Plans Legend

Second Floor Plan

- A FRONT PORCH
- B LIVING ROOM C KITCHEN / DINING D W.C. E UTILITY CLOSET
- G CARPORT/OUTDOOR RM. H BEDROOM
- M PANTRY N DESK ALCOVE BATH LINEN K STACKED LAUNDRY
  - O DOOR YARD P PATIO

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**Aerial View**