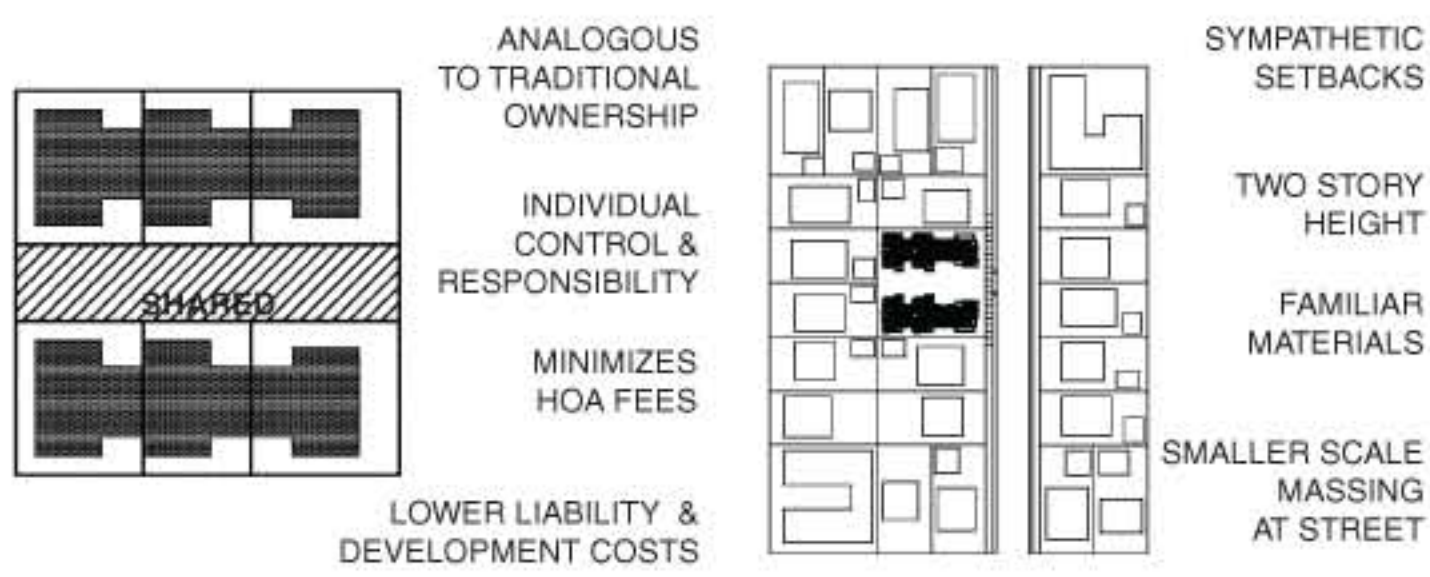


PORTLAND
COURTYARD HOUSING: INNER PORTLAND INFILL SITE

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.

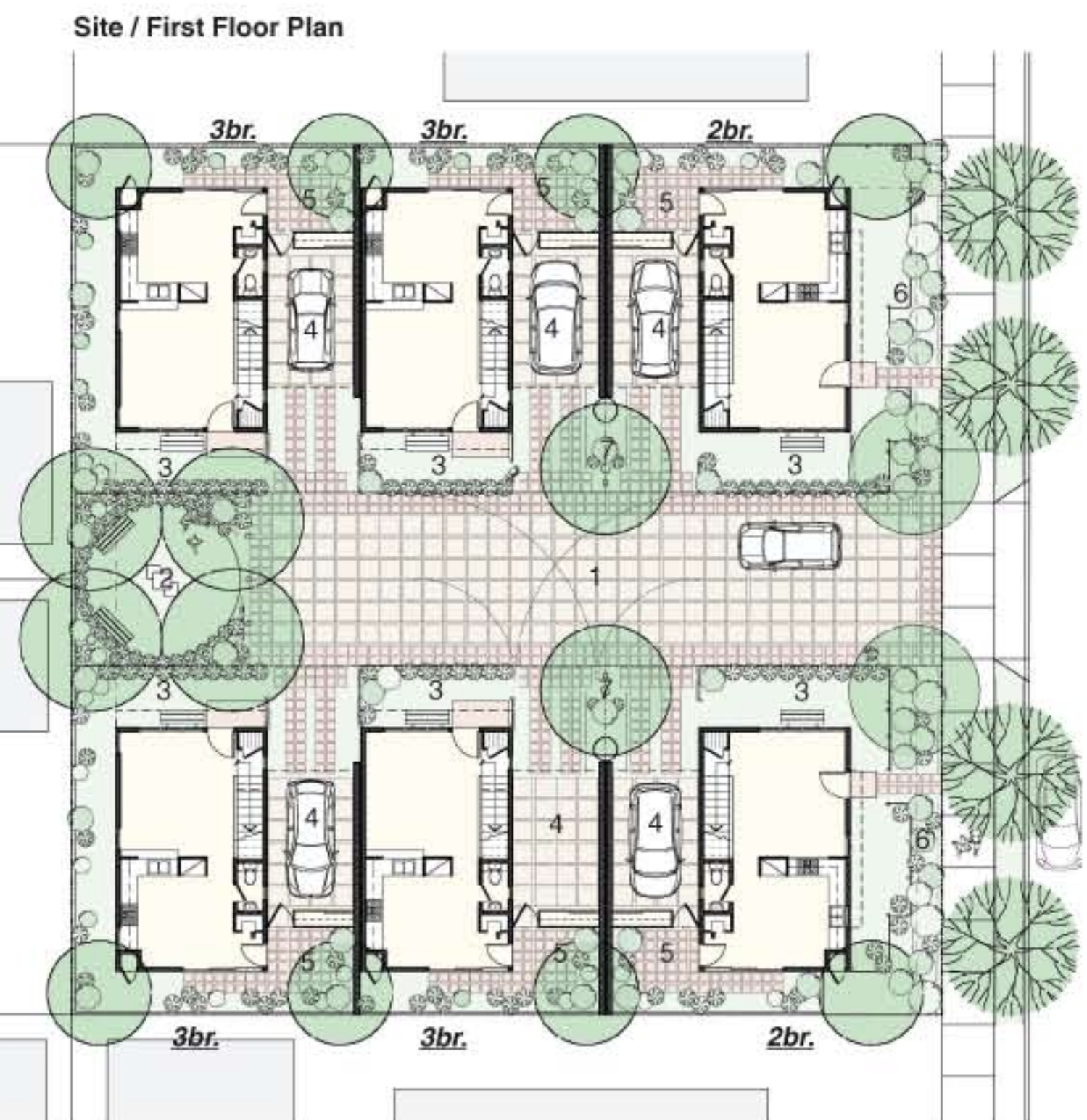
Project Data:
 6 Home (26 du/ac) - Site Coverage 4,650 sq.ft. (47%) - Total Area 6,800 sq.ft - Hgt 22.5 ft.
 (4) 3 Bedroom Homes @ 1,200 sq.ft. each + (2) 2 Bedroom Homes @ 1,000 sq.ft. each



Fee Simple *Neighborhood Compatibility*



Aerial View



Site Plans Legend

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

Floor Plans Legend

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

SUSTAINABILITY:
 Natural ventilation, solar panels
 Porous concrete and planted basin
 Universal design-housing for all ages
 Mixed-income strategy
 Automobiles-porous concrete

CONNECTIONS:
 Universal access
 Public courtyard connects to street
 Individual housing entrances
 Circulation plan: central court

OPEN SPACES:
 Central courtyard=social interaction
 Garden has shading and seats
 Houses have individual lots

CONTEXT:
 Urban infill
 House setbacks match surroundings
 Scaled to other buildings
 Familiar materials

HOME QUALITIES:
 Individual units strongly defined
 Private and public zones
 Porches and volumes highlight individual units
 Layered connection to the street=safety
 Efficient heating and cooling

Considerations for Stone's Warehouse:
 -Urban infill, neighborhood site
 -Good example for Raleigh planners-clear guidelines and good proposal format
 -Mixed income strategy
 -Sustainable design-ventilation, solar
 -Automobile/pedestrian spaces

Portland Courtyard Housing,
 Portland Oregon, 2007
 ACME Architecture (Keith Rivera,
 Kristin Anderson)
 Mixed-Income Housing