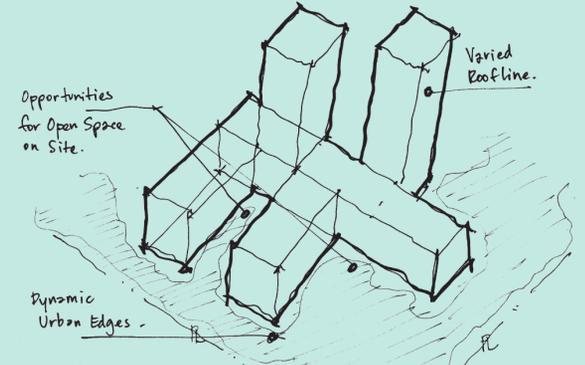
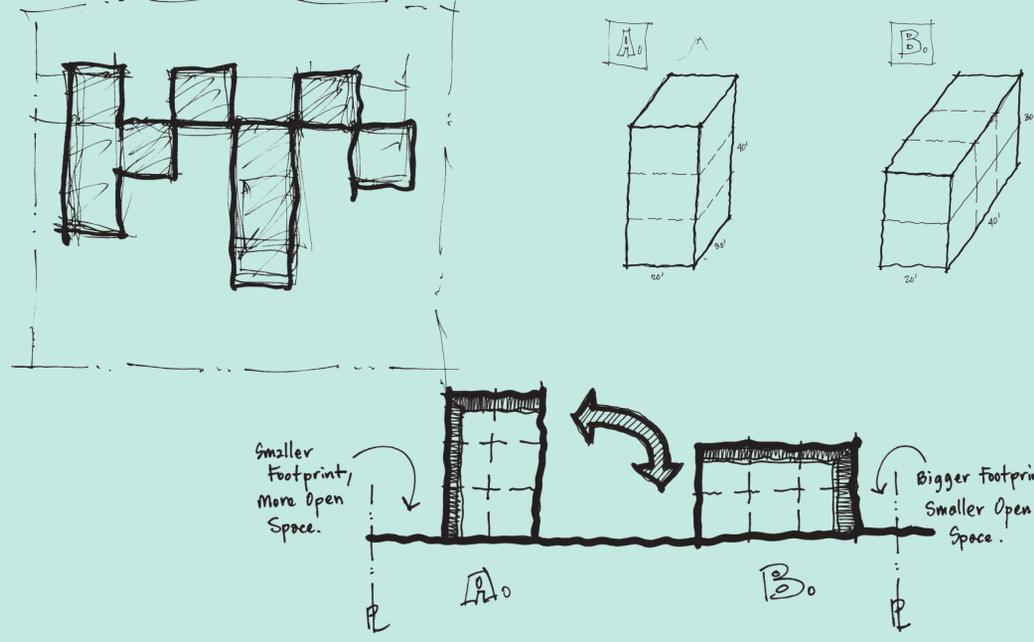
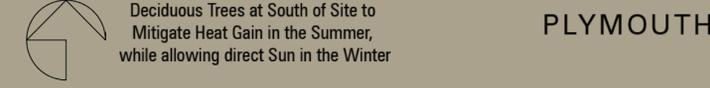
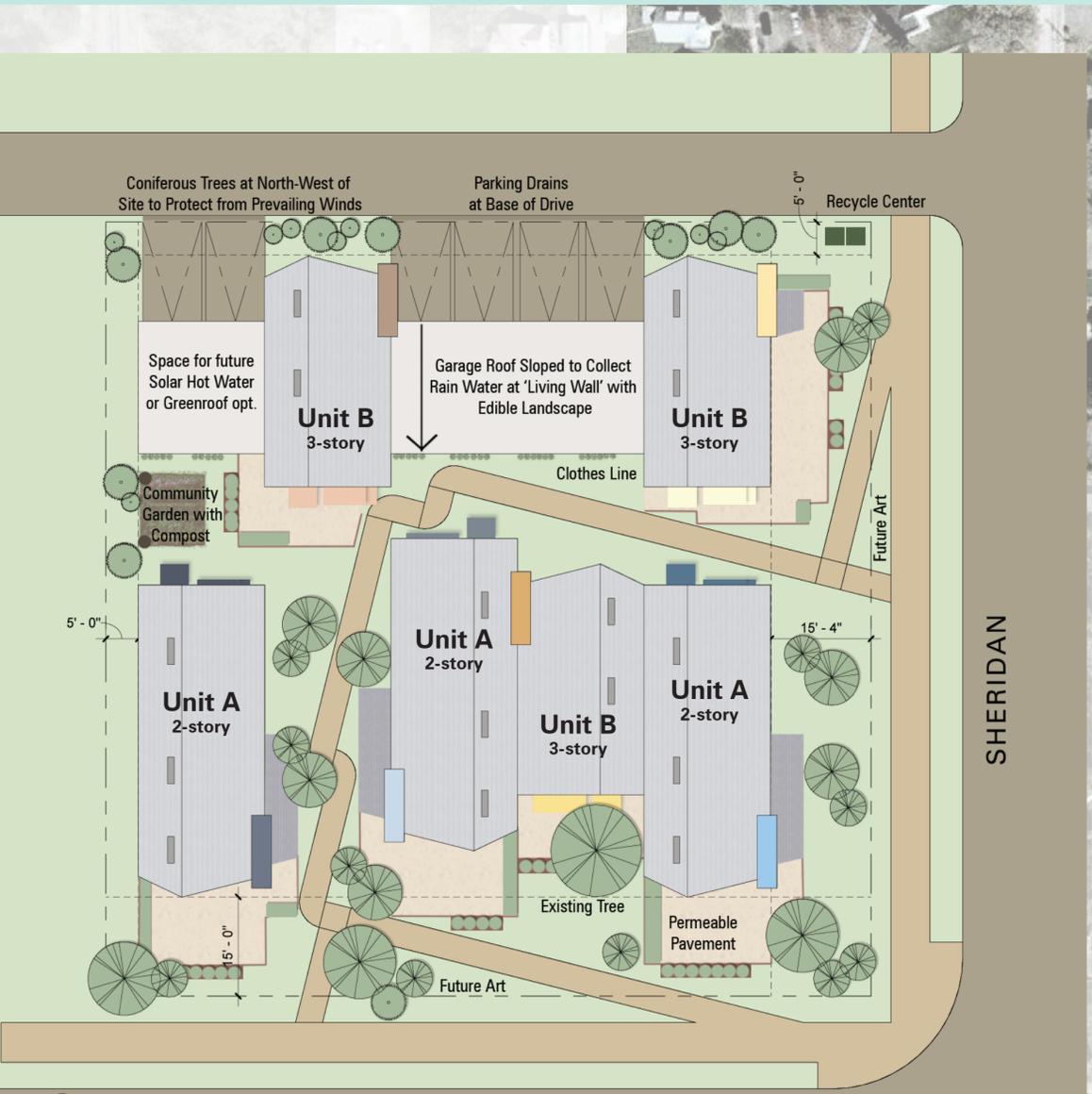


assemb- LODGE

Quality communities are built with flexibility, convertibility, and diversity. AssembLODGE is made up of two modules that can be laid out on a site in countless ways, enabling incredible adaptability for future development. The openings in each of the modules are the same, but one is turned on end resulting in both a longer, two story module and a taller, three story module. The repetition of opening sizes and location can make use of the efficient production of SIPS panels used to build these homes.



A dynamic form is created when the two and three story homes are built adjacent to one another. The ability to punch openings on all four elevations of the building, because the two different modules only partially overlap, makes the AssembLODGE more flexible for sites that have orientation restrictions as well.



SITE PLAN

Site Area =	13,689 sf
Building Footprint =	5,714 sf
Impervious Area =	883 sf
Pervious Area	
(Non-Veg) =	2,769 sf
(Vegitative) =	4,323 sf

On the corner of Plymouth and Sheridan the AssembLODGE successfully responds to the character of both streets, stitching together the more private residential and the public commercial by use of material, form, and orienting the site's inner courtyards to each of the streets. Each home owner has a private yard or patio while neighbor interaction is encouraged by designating space for community gardening and shared activity space.

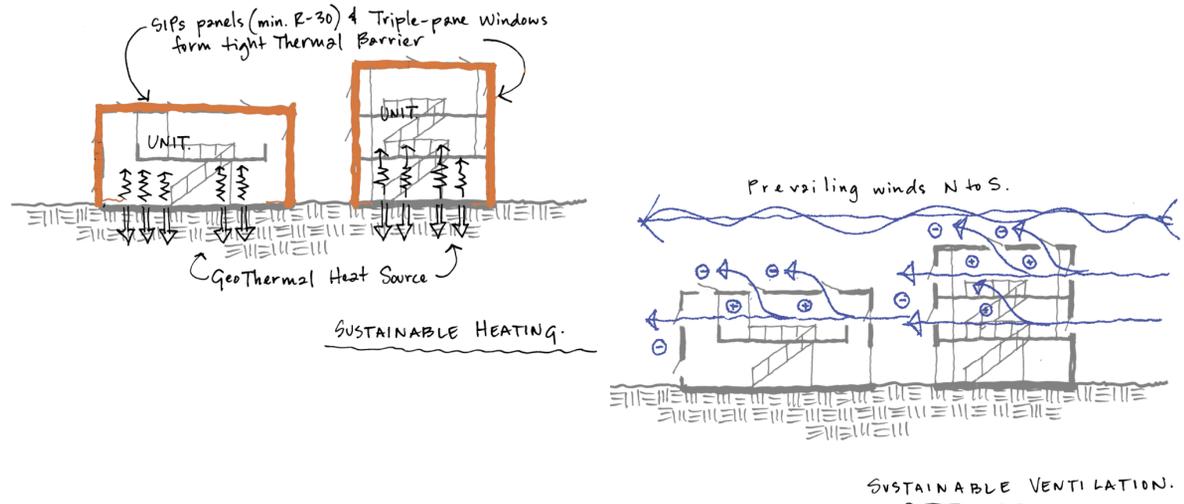


SOUTHEAST CORNER OF SITE, LOOKING NORTH

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SUSTAINABLE STRATEGIES



- Insulated envelope.
- Ground source heat pump.
- Radiant Heating and Cooling.
- Operable windows at the end of corridors and Skylights to encourage natural ventilation (Stack Effect).
- Shading devices on the south façade designed to block out hot summer sun but welcome desirable winter sun.
- Ceiling fans in regularly occupied rooms to create air movement and maintain human comfort.
- Deciduous trees planted to the South; Coniferous trees planted to the North and West to block cold winter wind.

CONSTRUCTION NARRATIVE FOR PANELIZED HOMES:

- 01 PREPARE THE SITE** for the appropriate number of units. Install Geothermal Systems & dig appropriate number of wells. Install foundation system. ERECT GARAGE KITS on-site to act as construction job trailer during construction.
- 02 PREFAB SIPS WALL PANELS** are purchased according to Unit Type, and shipped to site. Wall panels have openings pre-cut in the factory by computer-based systems. Plumbing, electrical runs, and exterior weather-proofing system are also installed in the factory.
- 03 PANELS ERECTED** similar to tilt-up construction. FLOORS CONSTRUCTED by typical construction standards with manufactured wood floor trusses. SIPS ROOF PANELS, with factory-cut openings for skylights, installed.
- 04 INTERIOR WALL PANELS** installed. EXTERIOR WINDOWS & DOORS installed. By design, the reduction of the variety of window & door types creates easier, repeatable installation, as well as the ability to purchase with economies of scale.
- 05 EXTERIOR CLADDING** (MAGNESIUM OXIDE BOARD / MAGNA BOARD) installed. Boards will be pre-finished with colors decided by owner, as selected from panelized home manufacturer's selection.
- 06 INSTALL PRE-CONSTRUCTED WINDOW & DOOR CANOPIES.**
- 07 COMPLETE SITE WORK & INTERIOR FINISHES.**
- 08 MOVE-IN.**

UNIT A
2 - Story Home
Unit Area = 1,460 sf

UNIT B
3 - Story Home
Unit Area = 1,420 sf

Level 01, Level 02, Level 03

County Rd 2

Scale: 0' 8' 16'