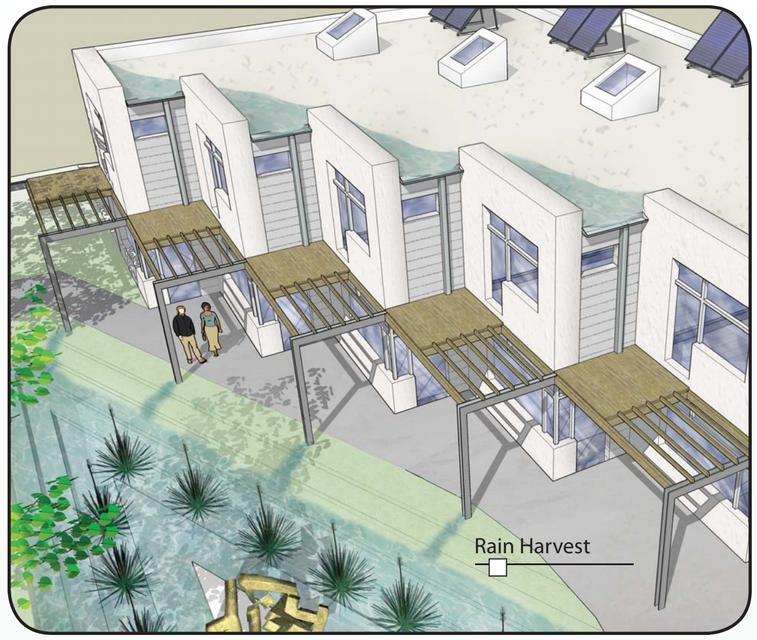
BEARDEN PLACE

A Live / Work Community in the Artists' Core.

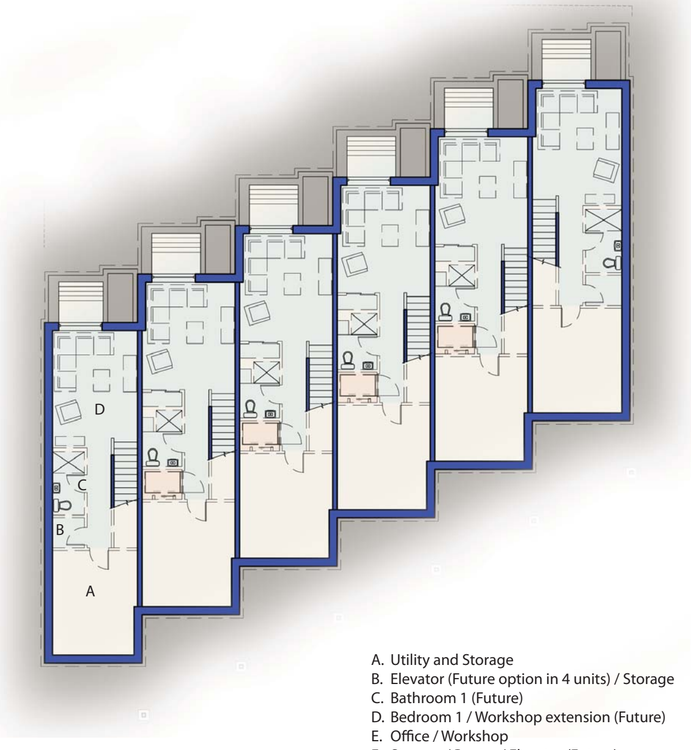
- Passive ventilation occurs by angling the main structure to capture Northwest winds and a skylight creates a chimney effect over the central stair.
- An Integrated aluminum window and door system will use high efficient 366 thermally broken glazing for a cost effective and energy efficient enclosure.
- Construction is to include 13" ICF foundation, 6" SIP walls, and a 12" SIP Roof.
- Estimated cost is estimated to be $115 a square foot.
- Gross square footage of units (including unfinished basements) is as follows: Western unit is 1942 sf, Eastern unit is 2031 sf, and middle four units are 1993 sf each.

Solar Shading Strategy:

This image studies the effective shading for the front office / workshop spaces. The building massing and the pergola system are designed together to maximize interior office shading. This model represents June 22nd at 2:15pm (approximate summer solstice).

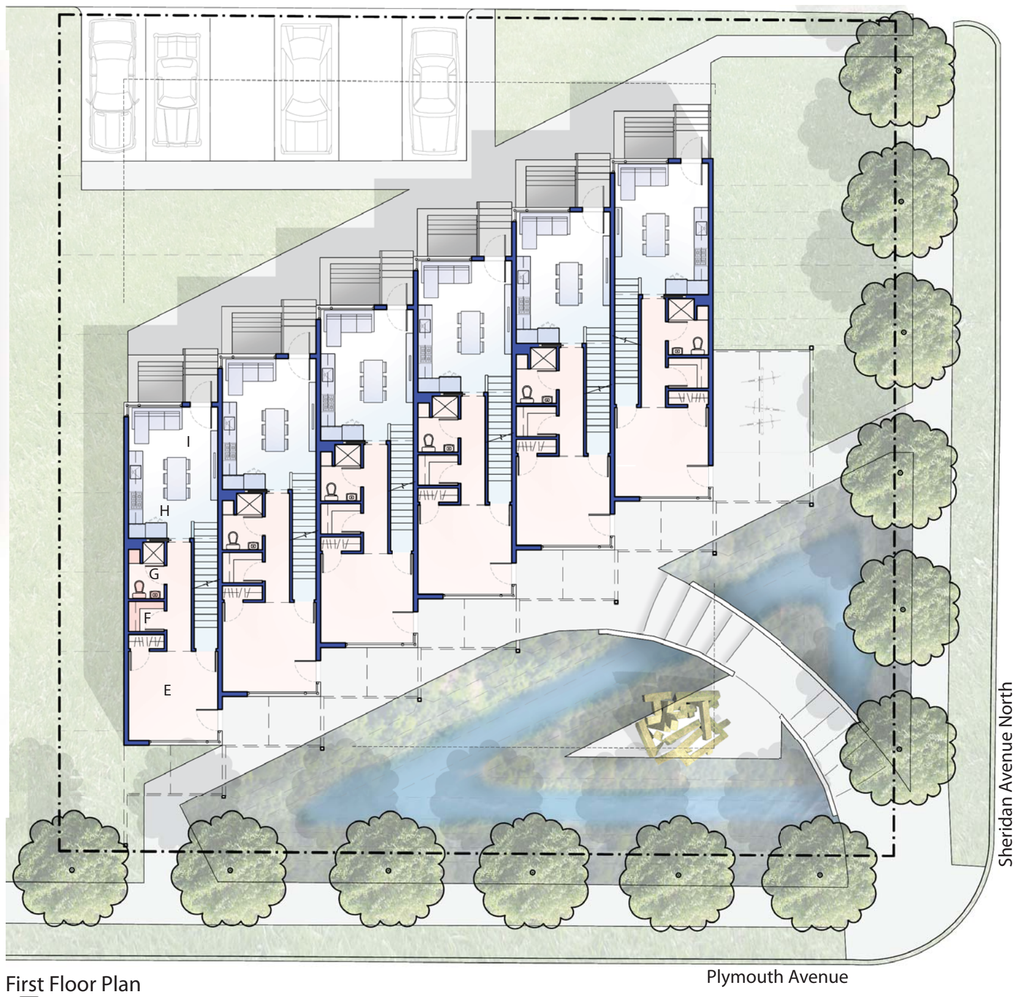


Rain Harvest



A. Utility and Storage
B. Elevator (Future option in 4 units) / Storage
C. Bathroom 1 (Future)
D. Bedroom 1 / Workshop extension (Future)
E. Office / Workshop
F. Storage / Pantry / Elevator (Future)
G. Bathroom 2
H. Kitchen
I. Family / Media

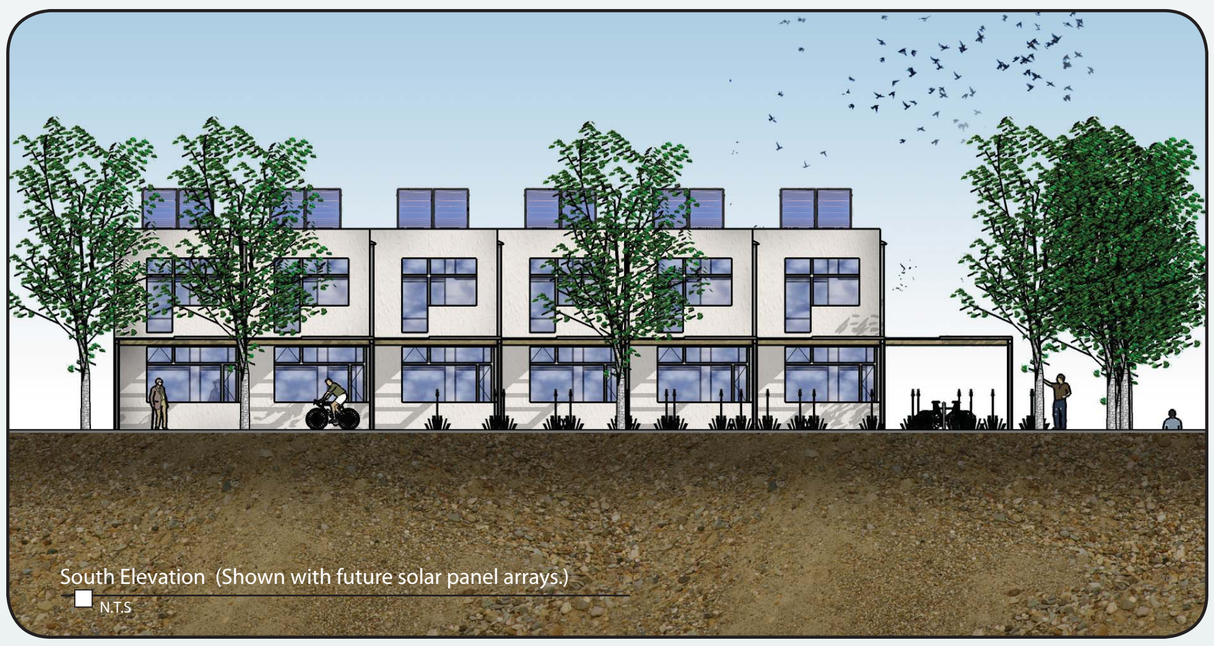
Basement Floor Plan
1/16" = 1'-0"



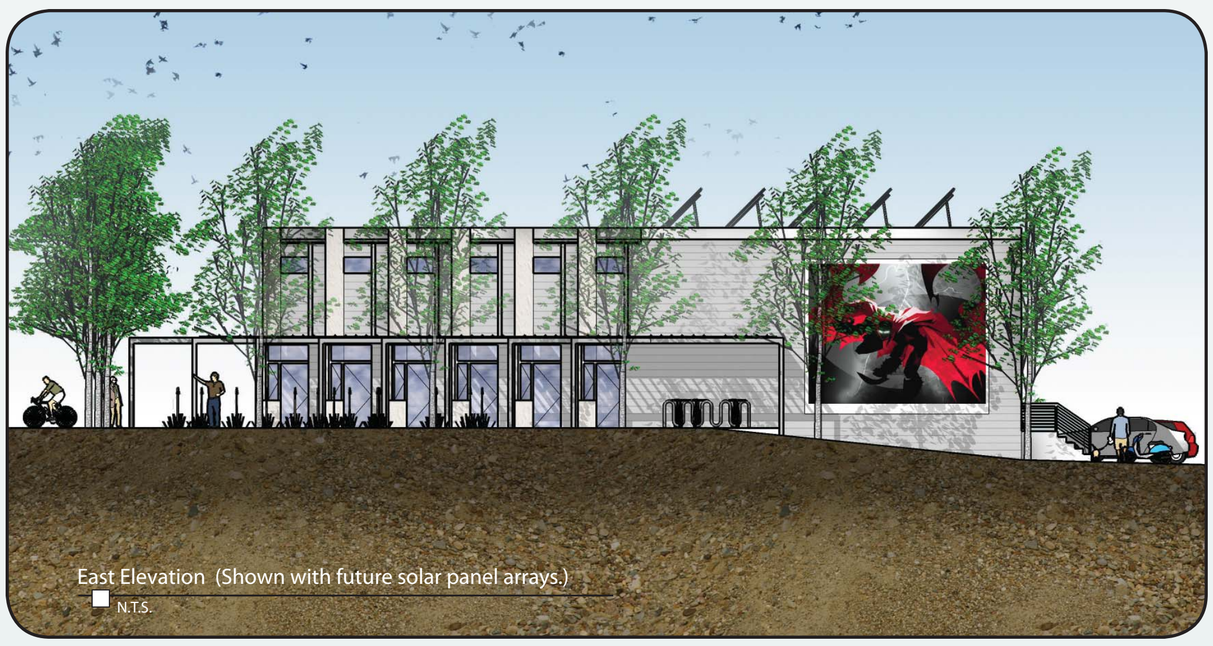
First Floor Plan
1/16" = 1'-0"

J. Deck
K. Bedroom 2
L. Walk-in closet / Elevator & Closet (Future)
M. Bathroom 3
N. Study & Hall Gallery with Skylight
O. Laundry with Washer & Dryer stack
P. Bedroom 3

Second Floor Plan
1/16" = 1'-0"



South Elevation (Shown with future solar panel arrays.)
N.T.S



East Elevation (Shown with future solar panel arrays.)
N.T.S.

BEARDEN PLACE

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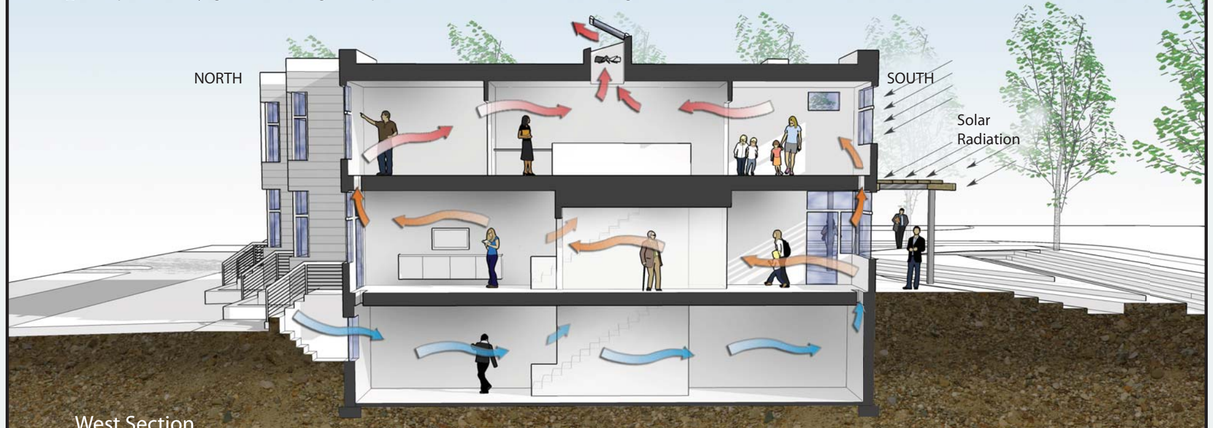
- Offices and workspaces open up to a public pedestrian street.
- An integrated pergola, passive shading, decking, and downspout system supplies the community rain garden which in turn showcases an art sculpture.
- The East and West sides of the building have framed areas for mural and graffiti art by the residences.
- Exterior materials of simple stucco and cement siding minimizing future maintenance.
- Roof supports are located for future solar arrays.

South East Corner Approach

Pedestrian Gallery Street Perspective

North Elevation (Shown with future solar panel arrays.)
N.T.S.

- Fresh air enters through a Northern egress window.
- The cool air is directed through its own passive register system.
- An operatable skylight with an integral fan pulls the warmed air out of the building.



West Section
N.T.S.

Natural and Mechanically Assisted Whole House Ventilation