

THE BRONZEVILLE YOUTH VILLAGE

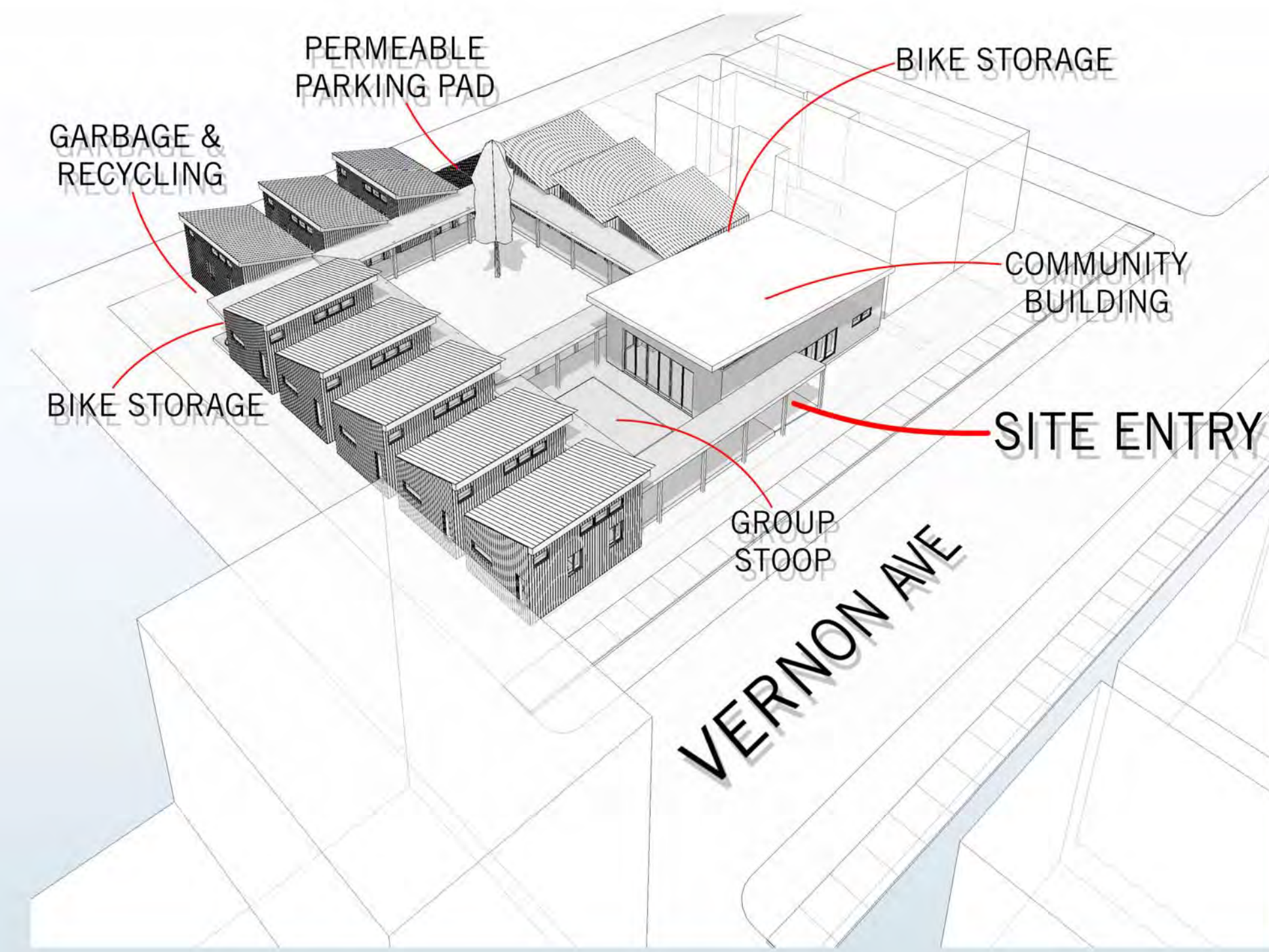
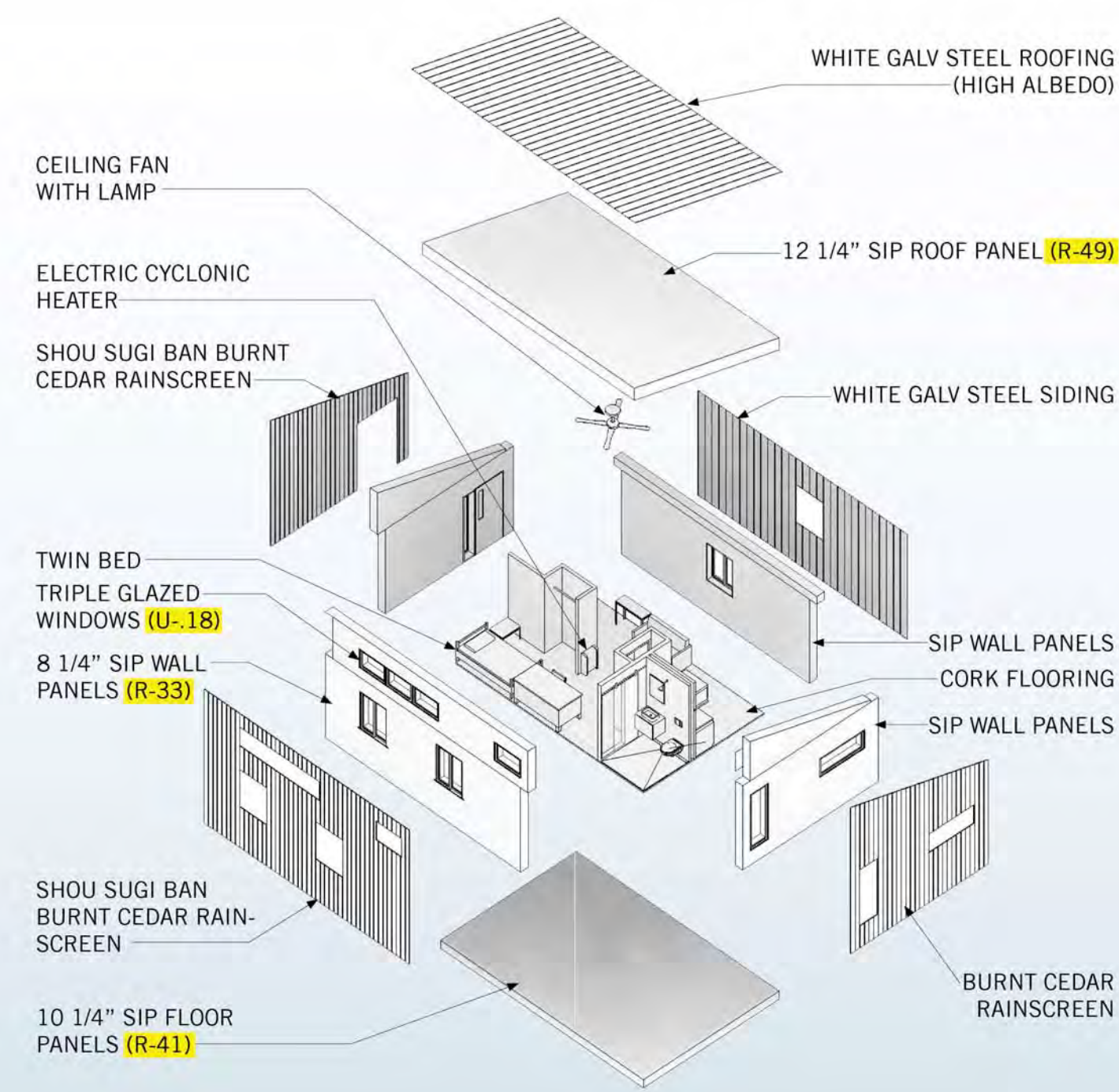
This plan creates a micro-village for young homeless students centered around a courtyard/village green. Eleven super-insulated modules open onto a continuous loggia, connecting the units with each other and a community building, which serves as a village hall. This building is placed at the approach to the village, creating a link from Vernon St to the courtyard, and opens up to a raised platform on the deck, envisioned as a communal space for the village.

Each unit is constructed from Structural Insulated Panels, creating a super insulated envelope. By designing the unit to allow direct solar gain during winter and prevent it during summer, each unit will require only a small electric heater to maintain thermal comfort during the cold months and can be cooled by cross ventilation and a ceiling fan in the temperate cooling season.

The exterior of each unit is clad in a cedar rainscreen, [left bare to patina with time] or [treated with fire shou sugi ban style to extend its lifespan], and corrugated galvanized steel. These two materials work together as a shell of the private space.

The interior of each module is laid out as a single open space with separate areas designed for food preparation, studying, and sleeping with only the bath behind a door, for privacy.

Each module provides the shelter that a resident needs, while the site planning and community center encourage residents to create the support that is an outgrowth of village life.



TINY HOMES COST BREAKDOWN			
CATEGORY	ITEM	EXT	CATEGORY TOTAL
04 MASONRY			\$ 18.00
	(24) 4"x8"x16" cmu sleepers	\$ 18.00	
06 WOODS & PLASTICS			\$ 251.55
	1x Girts	\$ 251.55	
07 THERMAL & MOISTURE			\$ 13,020.35
	Structural Insulated Panels Envelope	\$ 12,372.75	
	Roof Sheathing	\$ 355.10	
	Air and water barrier	\$ 292.50	
08 OPENINGS			\$ 9,389.68
	Triple Glazed Windows	\$ 6,607.52	
	Entry Door	\$ 1,986.16	
	Entry Door Hardware	\$ 122.00	
	Bathroom Glass and Hardware	\$ 550.00	
	Closet Door	\$ 124.00	
09 FINISHES			\$ 2,522.25
	GWB	\$ 231.00	
	Exterior Cedar Finish	\$ 711.50	
	Int 2x Framing	\$ 212.50	
	Cork Flooring	\$ 1,130.50	
	Bathroom wall and floor tile	\$ 79.75	
	Kitchen Counter	\$ 85.00	
	Kitchen over shelf	\$ 72.00	
11 EQUIPMENT			\$ 304.00
	Refrigerator	\$ 249.00	
	Microwave	\$ 55.00	
12 FURNISHINGS			\$ 178.99
	Twin Bed Frame	\$ 89.99	
	Twin Bed Mattress	\$ 89.00	
13 SPECIAL CONSTRUCTION			\$ 112.99
	Medicine Cabinet	\$ 109.99	
	2x4 Carpenter Built Curb	\$ 3.00	
22 PLUMBING			\$ 2,200.37
	Kitchen Sink/Faucet/Drain	\$ 149.90	
	Toile Toilet	\$ 130.94	
	Toilet Carrier	\$ 378.99	
	Washroom Lavatory	\$ 128.08	
	Washroom Faucet	\$ 69.00	
	Washroom Lav Drain	\$ 26.69	
	Shower Head	\$ 7.47	
	Shower Control	\$ 29.99	
	Floor drain	\$ 17.47	
	19 Gal Electric Tank Water Heater	\$ 1,211.84	
23 HVAC			\$ 262.38
	Exhaust Fan	\$ 33.39	
	Ceiling Fan with Lamp	\$ 149.00	
	Electric Ceramic Cyclonic Heater	\$ 79.99	
26 ELECTRICAL			\$ 304.00
	(8) Halo 4" Recessed LEDs	\$ 304.00	
	Total		\$ 28,564.56

