

Urban Design + Architecture

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**20
25**

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Dear Gregory,

I consider architects the real mystics of our culture--you have to see the void and emptiness, love it, and then imagine it into being (via negativa, creativa and transformativa). Otto Rank says: If you want to know the soul of a culture, go to its architecture. So, you guys carry the soul outward for us all to see, for better or for worse.

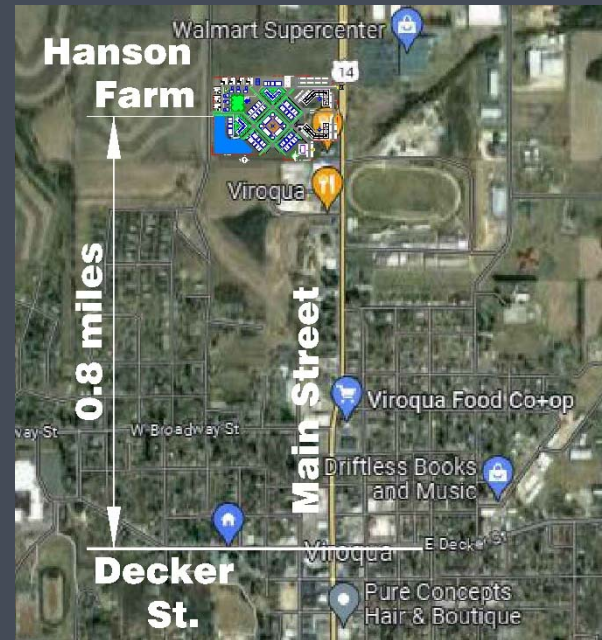
Congratulations on your work!

Cordially,

Matt Fox

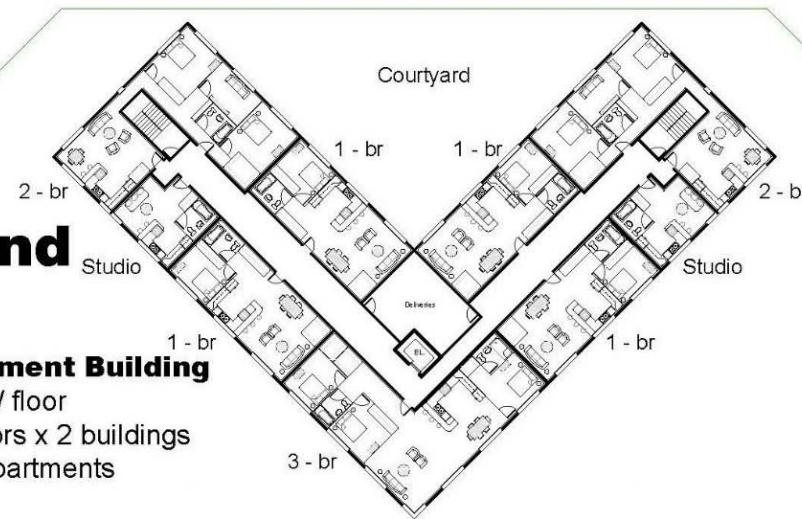
A Vision for the Hanson Farm

Viroqua, Wisconsin

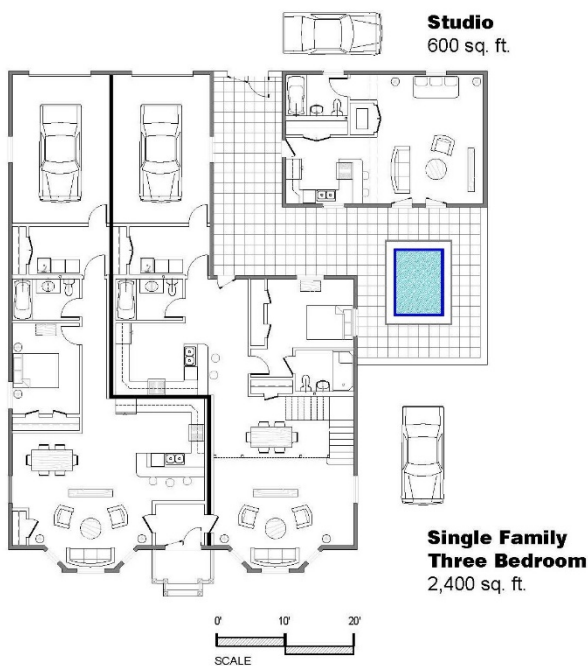
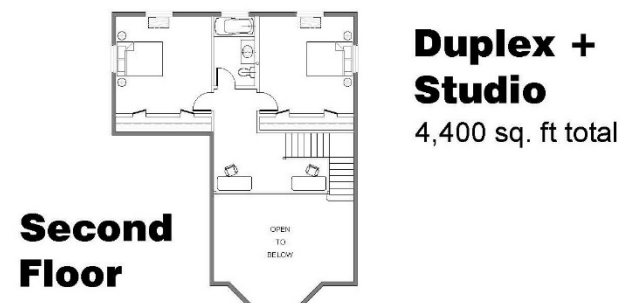
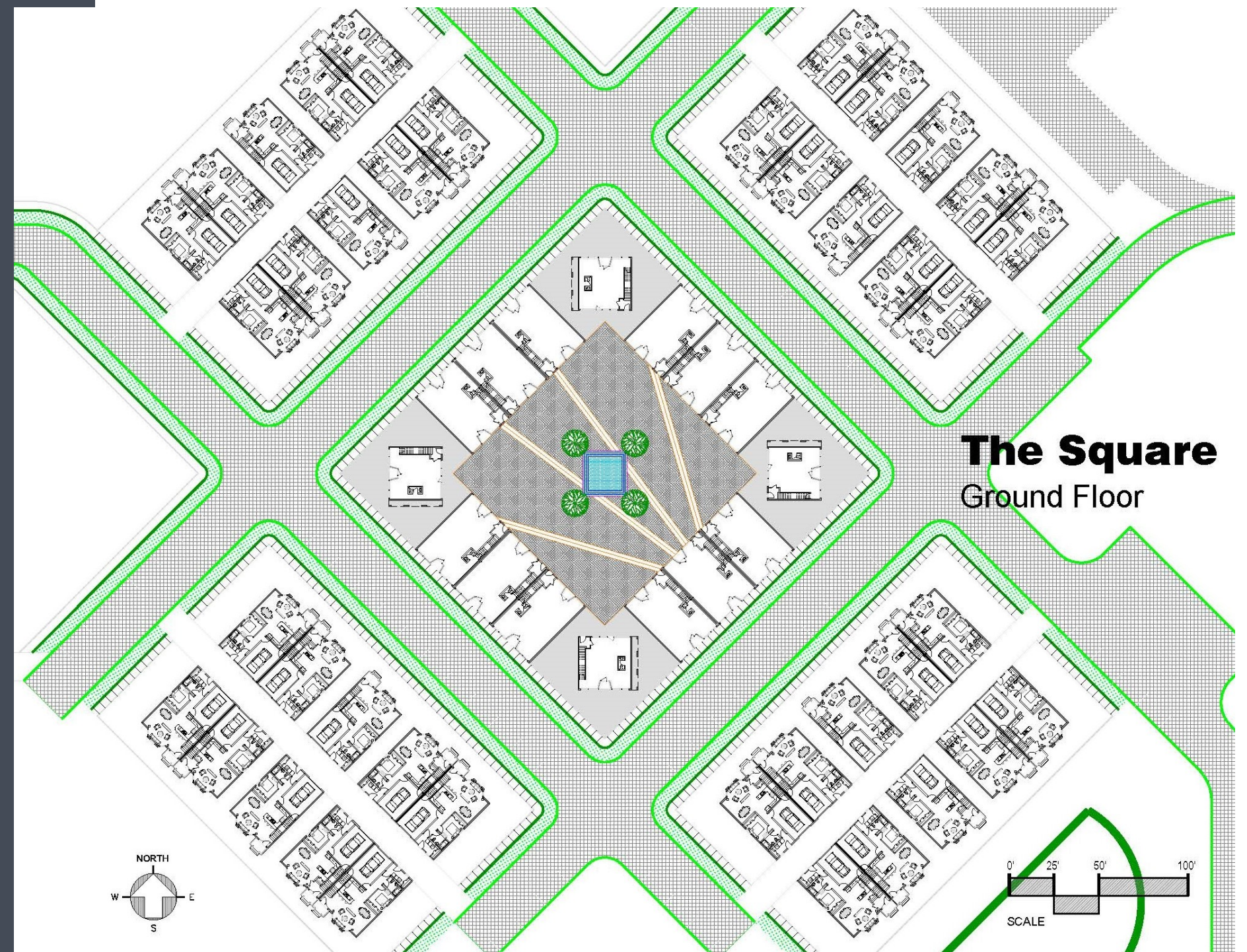


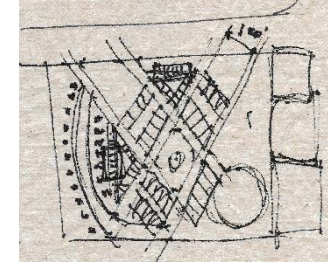
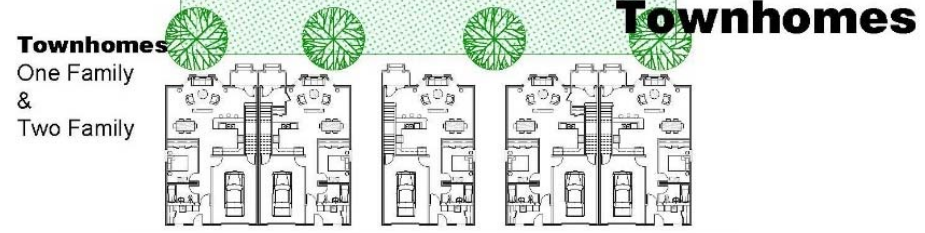
Second Floor

Apartment Building
9 apts / floor
x 3 floors x 2 buildings
= 54 apartments



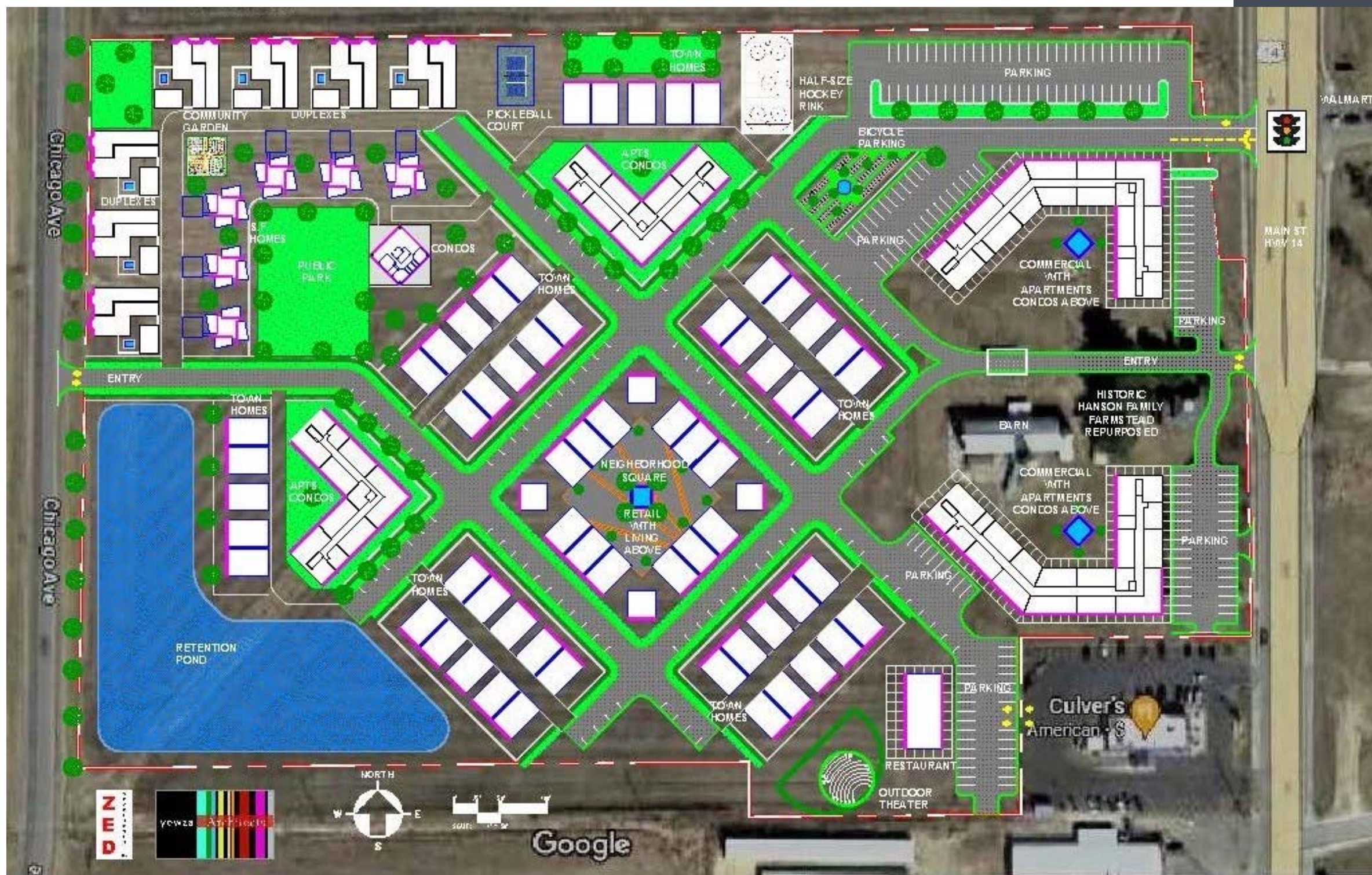
Cyclists Park
7,500 sq. ft.





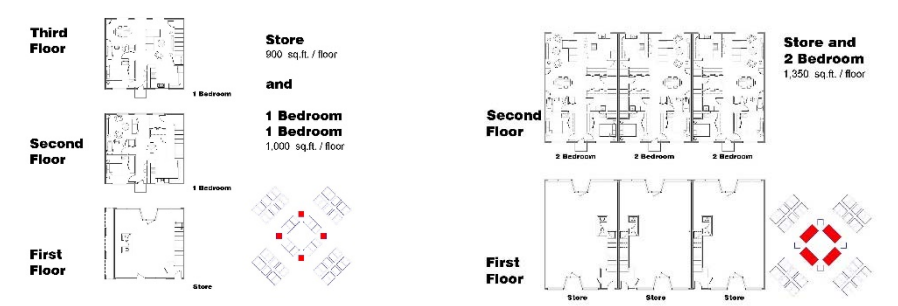
Intuitive
Napkin
Sketch

proj 01



“The Village” Viroqua
Mixed-Use Residential Neighborhood

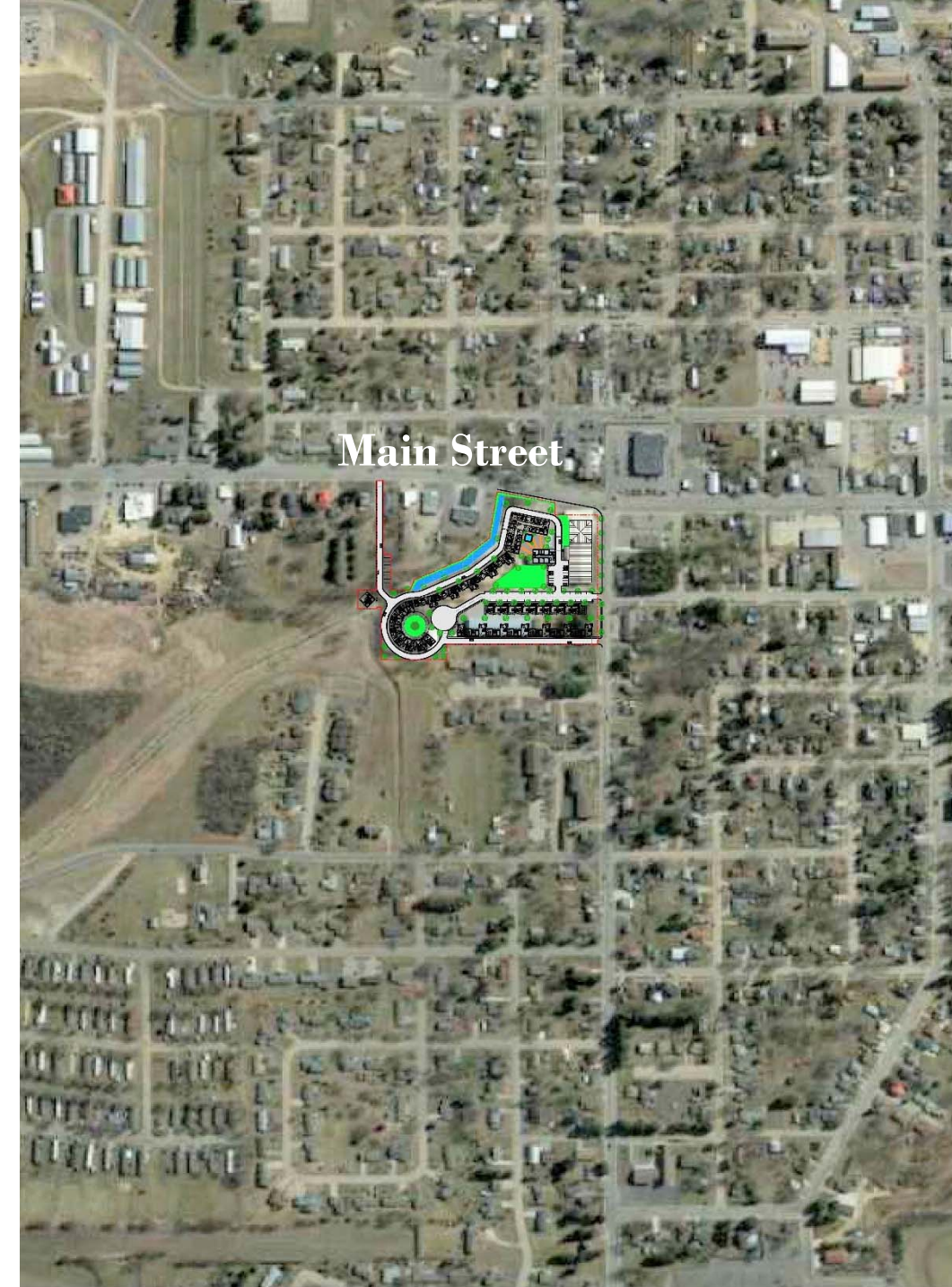
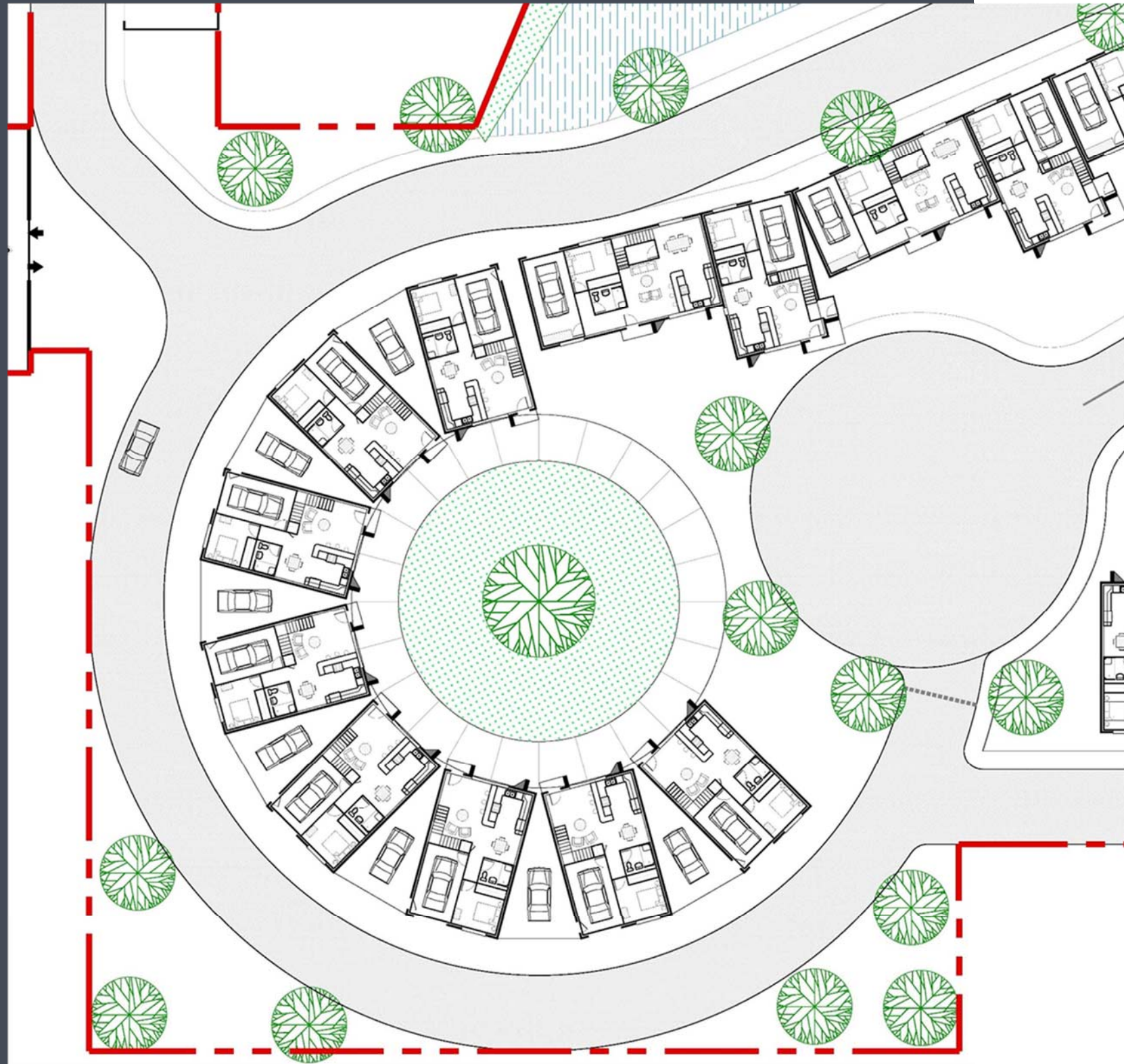
23 acres



“The Village” is planned to slow the automobile and enhance a walkable-bikeable neighborhood. Featured amenities include a re-envisioned historic farmstead, bicycle parking for 148 cyclists, an outdoor live performance theater and restaurant, a summer splash-pad which during winter, converts to a half-size hockey rink, and a pickleball court. A public park, landscaping and community garden will soften the strolling experience while offering opportunities for residents to casually bump into one another for a neighborly chat.

Broadway and Main

Viroqua, Wisconsin



A healthy socio-economic mixture of affordable and market rate homeownership in downtown Viroqua, WI

78 new residences on 7.5 acres diverse pocket neighborhood

31 Townhome units

27 Plaza Apartment condominiums 6 Retail Commercial Storefronts on plaza level

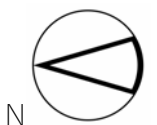
14 Row Shops with studio living above

6 Mid-rise Condominium Apartment condominiums

Village Green

Child Day Care 10 classroom 8,000 sf facility

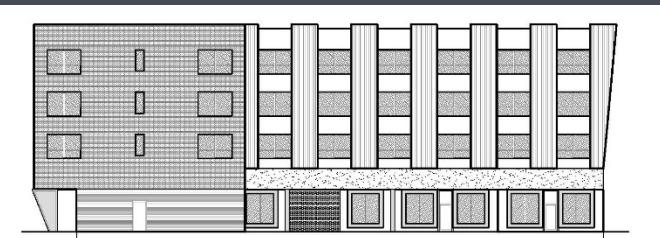
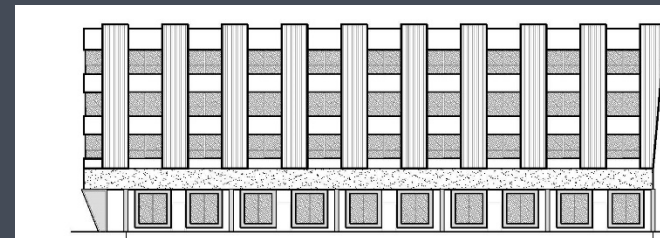
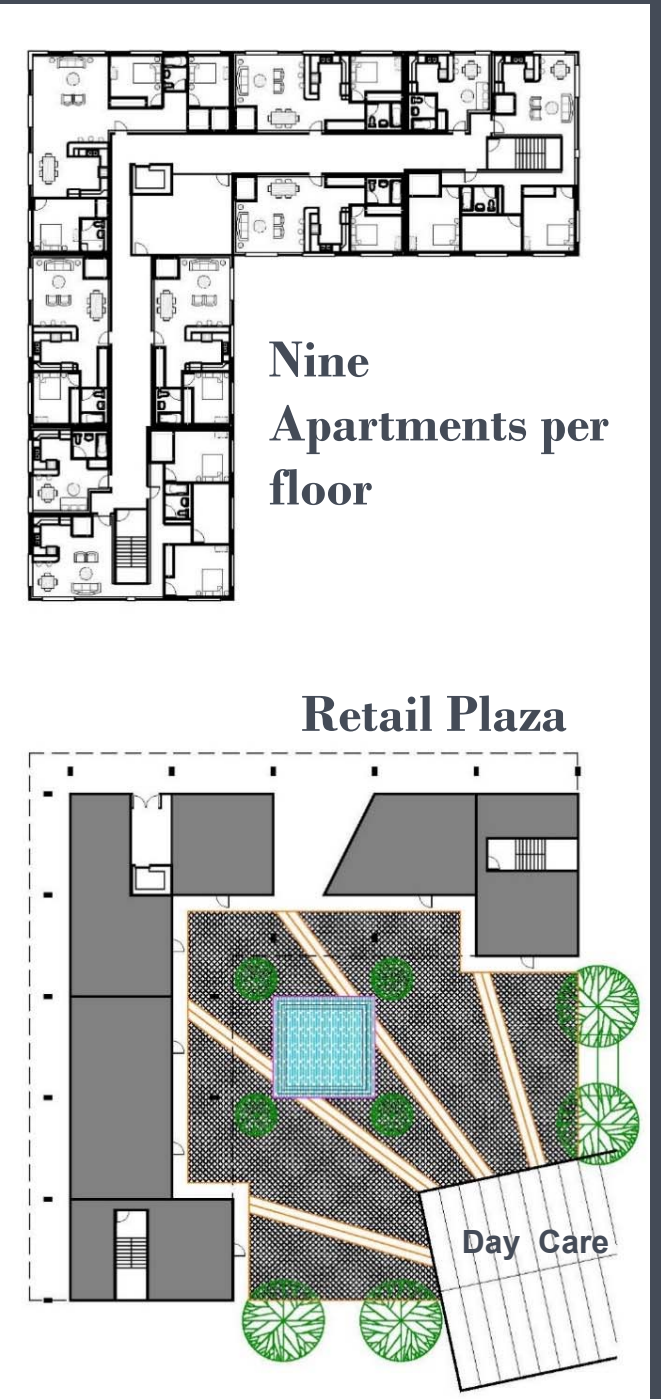
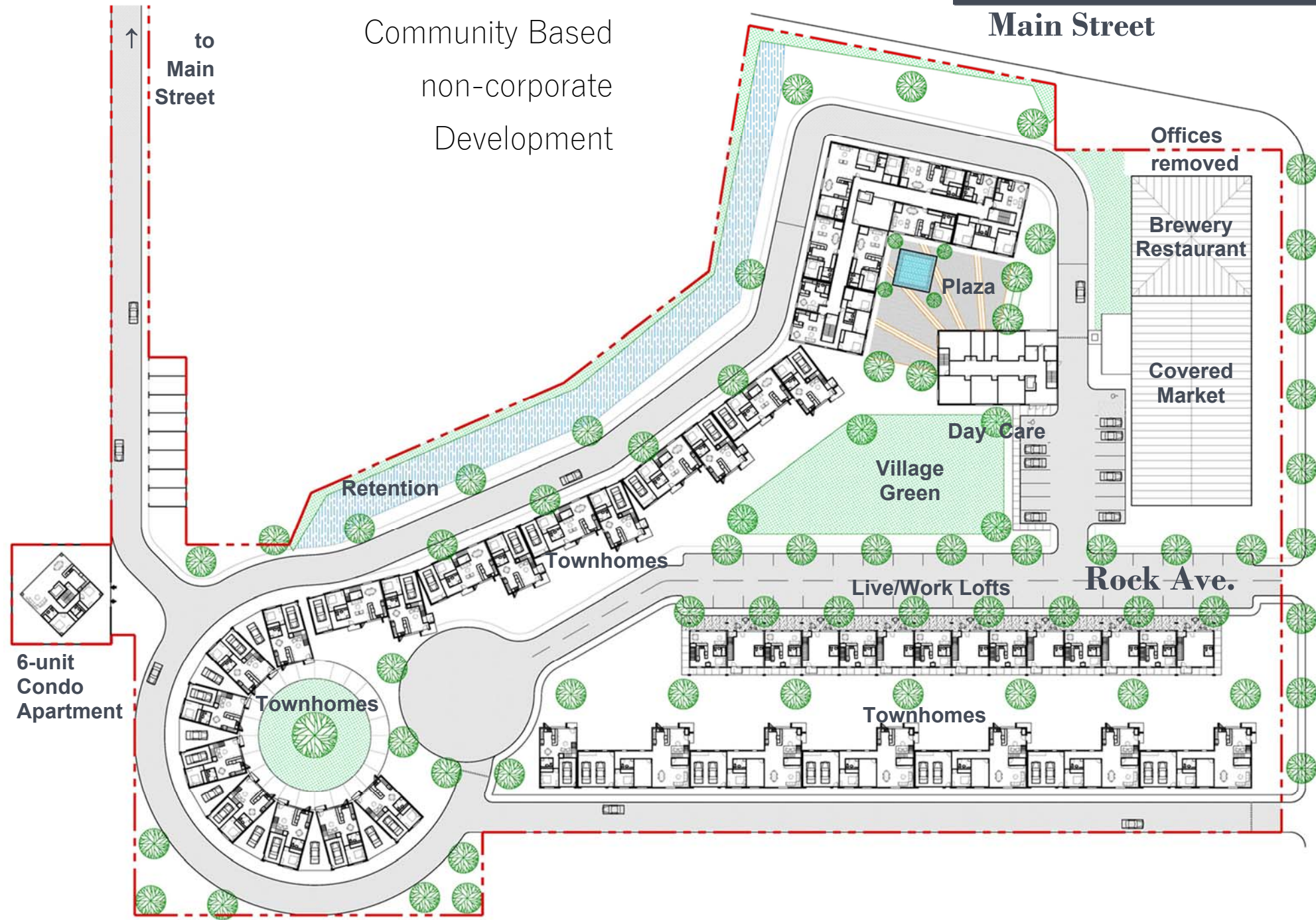
Existing Highway Shop refurbished and adaptively re-used to new Bar Restaurant Brewery



A Pocket Neighborhood

New Mixed-use Development

proj 02



RURAL DESIGN

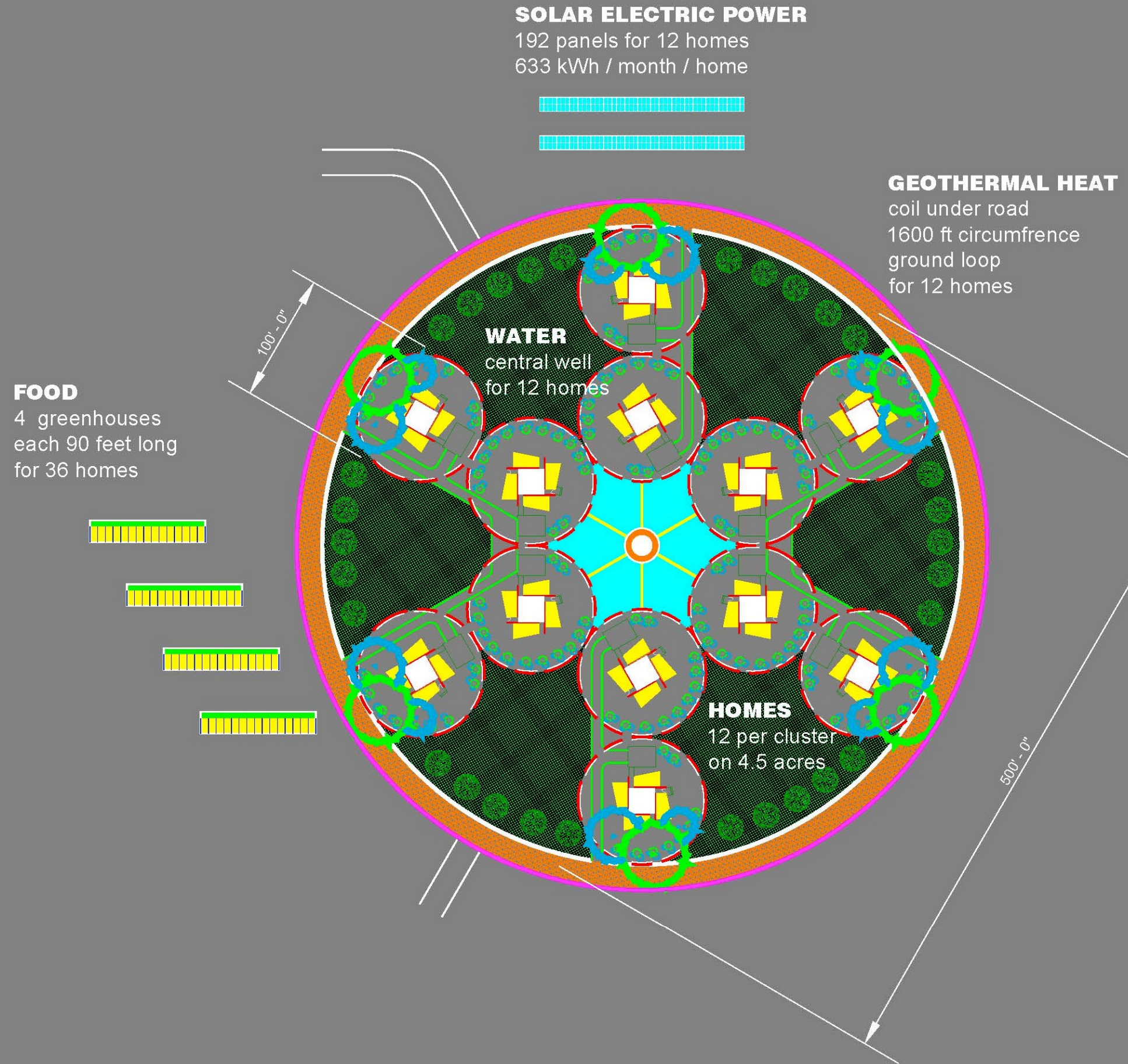
Southwest Wisconsin

Sacred Geometry

As this land is considered sacred by its current custodian-owner, the sacred geometry of Metatron's Cube was used to arrange 12 homes on twelve individual 100 ft diameter parcels. This composes one cluster.

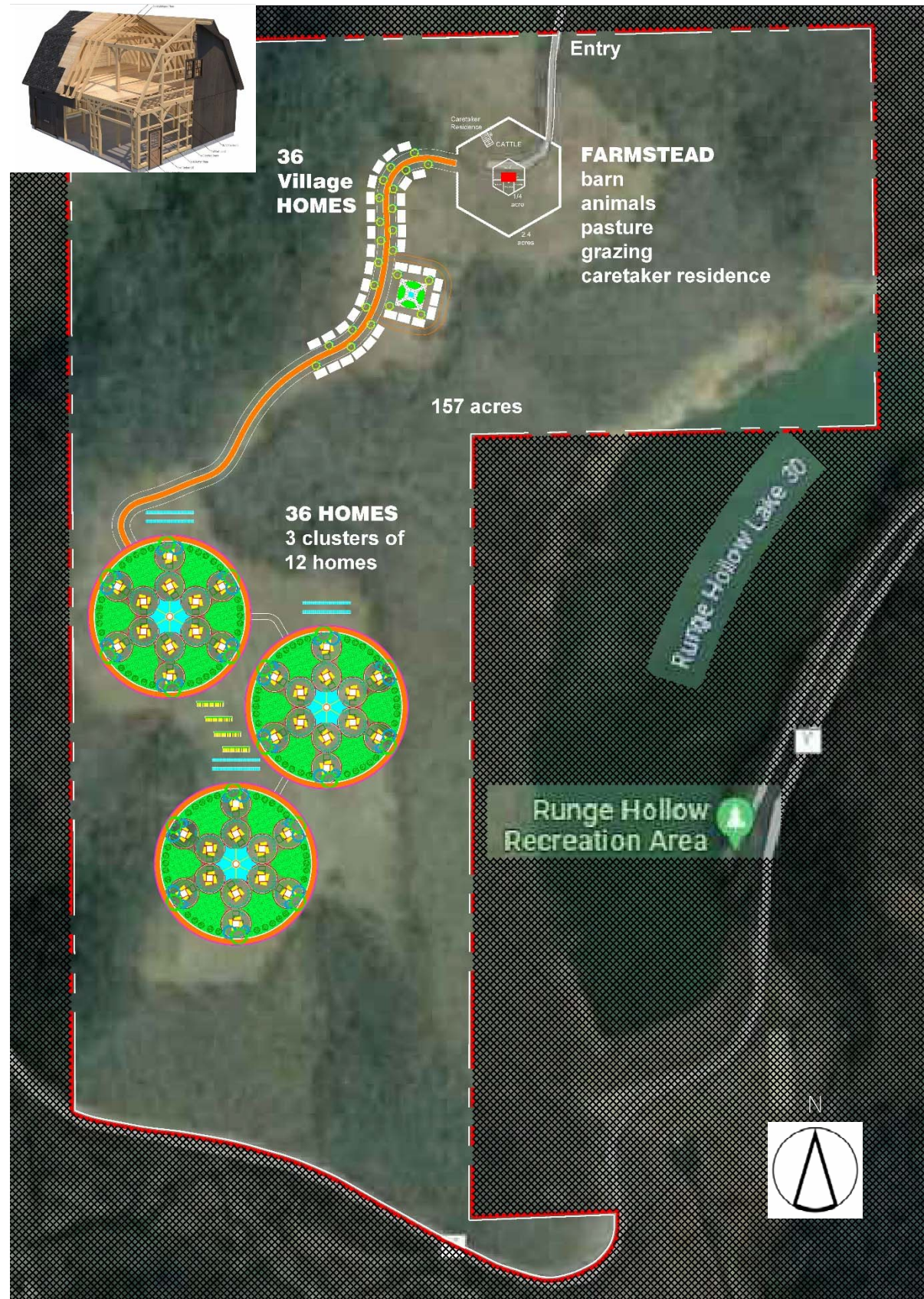


The complex Sacred Geometry structure "Metatron's Cube", is derived from the ancient structure of the Flower of Life. It is named after greatest of angels Metatron, "mediator with men, archetype of man, and one whose name is like that of his master."



A Climate Adaptive Community

Truly Sustainable Community Housing



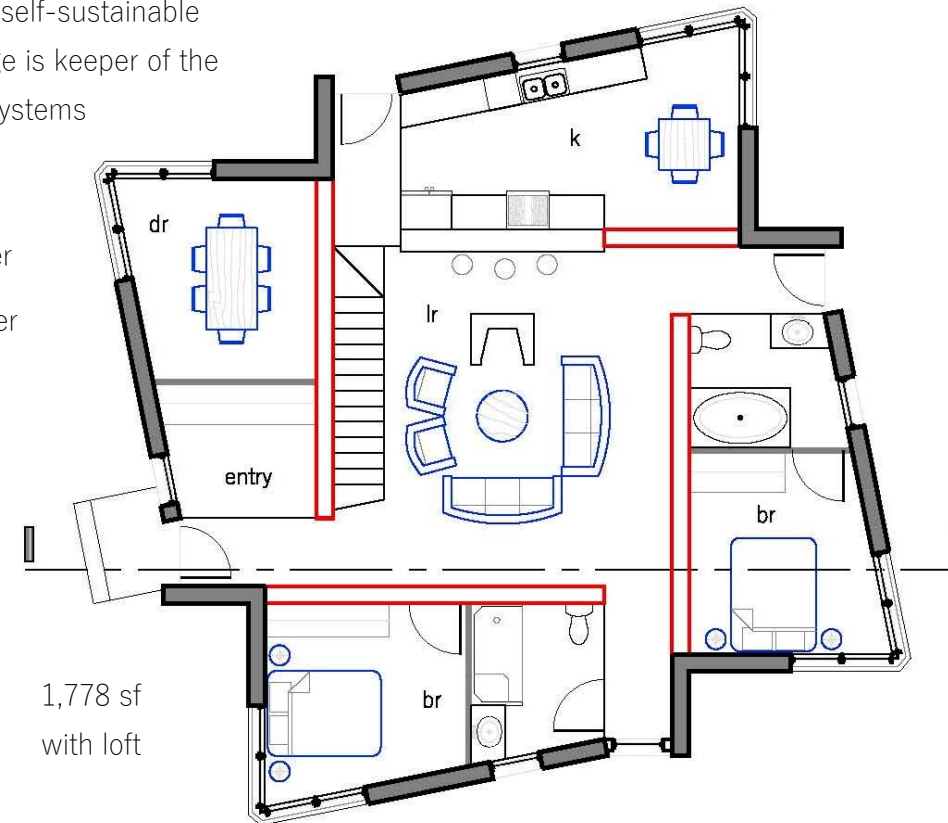
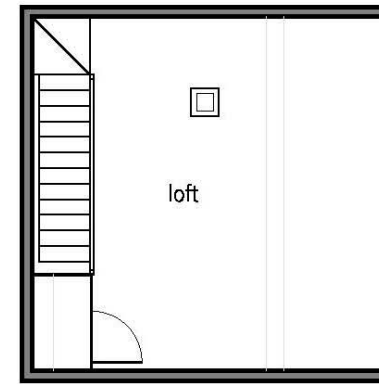
The Adaption Village

This self-sustainable home is a fractal of the 12-home cluster.

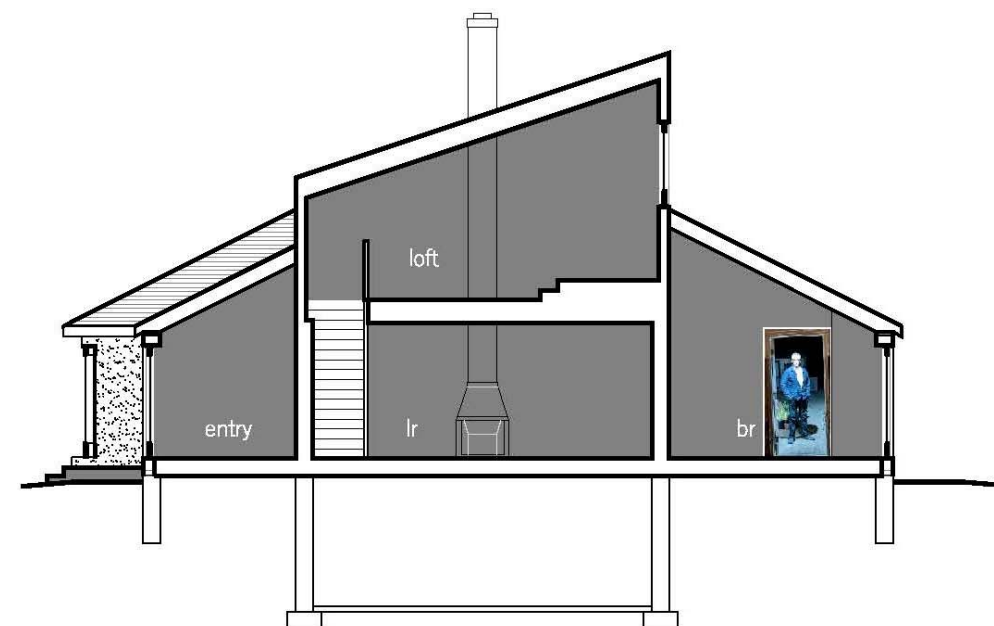
This self-sustainable cluster is a fractal of the 36-home village.

This self-sustainable village is keeper of the life systems

- Food
- Water
- Power
- Heat



1,778 sf
with loft



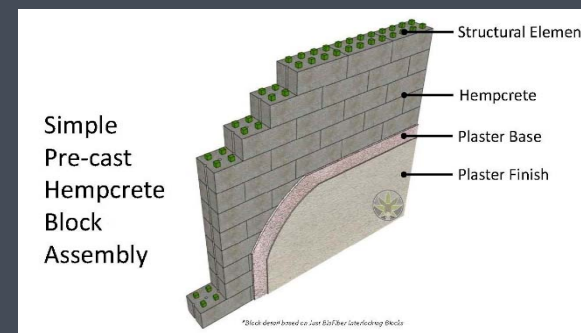
proj 03

Hemp Block Construction

Hemp-Lime Blocks interlocking wall system 21" x 10.5" x 8" high with a lime-sand factory scratch coat. When the walls are constructed, a final layer of on-site scratch coat is applied. Recommend are two layers of lime-sand render (plaster) for interiors, and multiple layers of lime-sand stucco for exteriors.

Blocks are made of:

1. Hemp Hurd/Shiv – The wooden core of the Hemp Plant
2. Lime – Proprietary mix
3. Sand – Factory Coating
4. Internal Structural Composite Frame – not plastic!

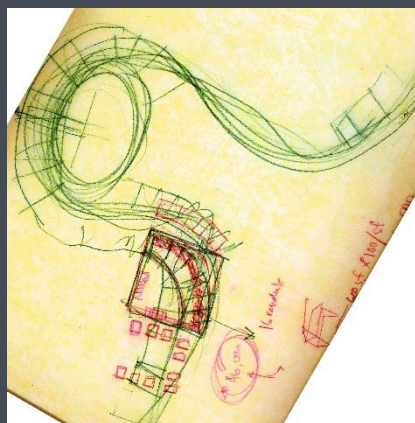
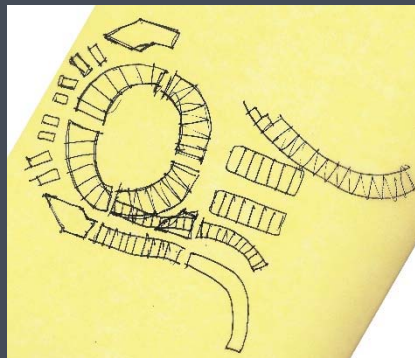
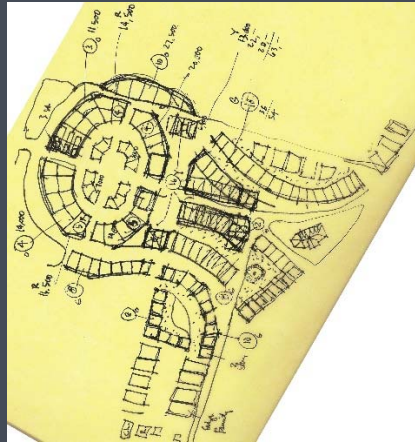


Just Biofiber, Corp.

RURAL / VILLAGE DESIGN

Gays Mills, Wisconsin

The village of Gays Mills was significantly impacted by the climate change flooding of August 2007. The flood of the Kickapoo River took out much of the village's downtown area. Prior to the equally devastating flood of the following year, this design responded to the residents' heartfelt desire to keep their homes and elevate the structures of their beloved village's Main Street business district.



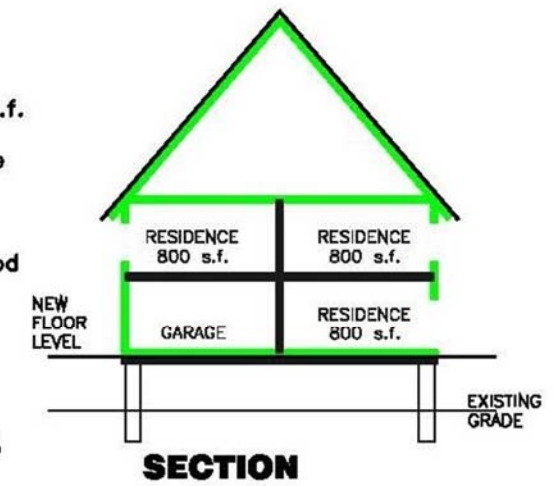
NEW VILLAGE HOUSING

Two-Story House of 1,600 s.f. per floor with 2-car garage = 3,200 s.f.

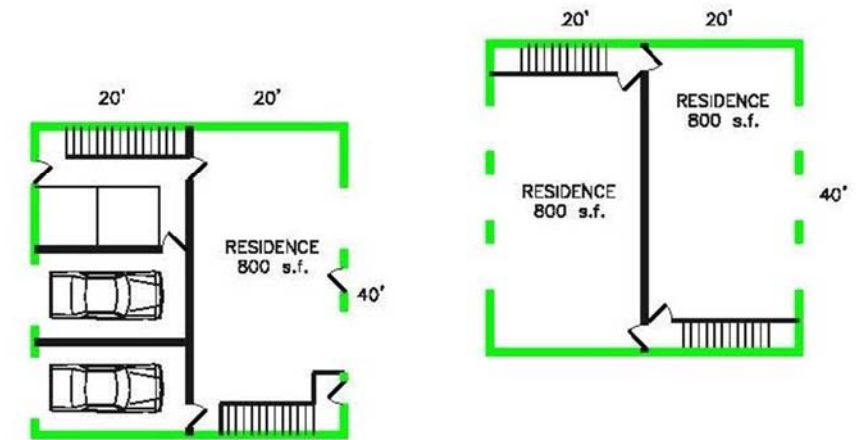
2,400 s.f. of living space + garage & storage.

Floor height of new construction raised extensively above 100 yr flood elevation.

House has been designed to accommodate various family sizes. Three single residences of 800 sf each can be combined to form a single-family house size of 800 sf, 1,600 sf or 2,400 sf.



SECTION



1st FLOOR PLAN

2nd FLOOR PLAN

SCALE: 1/16" = 1'-0" Dimensions are nominal.

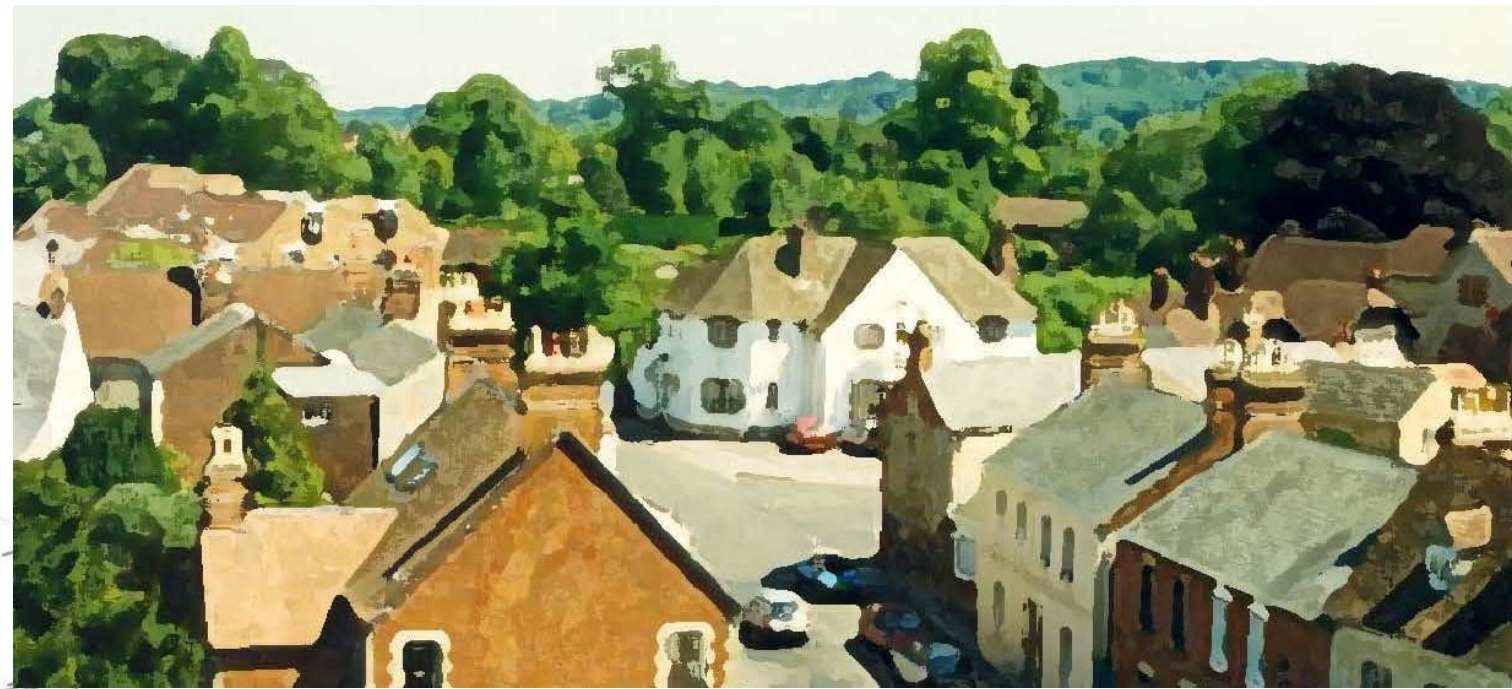
PHASE ONE - NEW VILLAGE HOUSING

3 STORIES	Red	2nd & 3rd Stories <u>RESIDENTIAL</u> 1st Story <u>COMMERCIAL</u>	17 New Buildings	136 persons
2 STORIES	Orange	2nd Story <u>RESIDENTIAL</u> 1st Story <u>COMMERCIAL</u>	17 New Buildings	68 persons
2 STORIES	Yellow	2nd Story <u>LIVE / WORK</u> 1st Story <u>COMMERCIAL</u>	16 New Buildings	59 persons
1 STORY	Blue	1 Story <u>OPEN MARKET</u>	4 New Open Shelters	0 persons
2 STORIES	Green	2nd Story <u>RESIDENTIAL</u> 1st Story <u>RESIDENTIAL</u>	65 New Buildings	390 persons
STORIES VARY	Grey	HISTORIC RENOVATION OF EXISTING BUILDINGS	10 Existing Buildings Renovated	10 person
2 STORIES	Magenta	EXISTING HOMES MOVED TO NEW FOUNDATIONS	unknown	663 persons TOTAL

A Village Redesigned

Climate Change Aftermath

proj 04

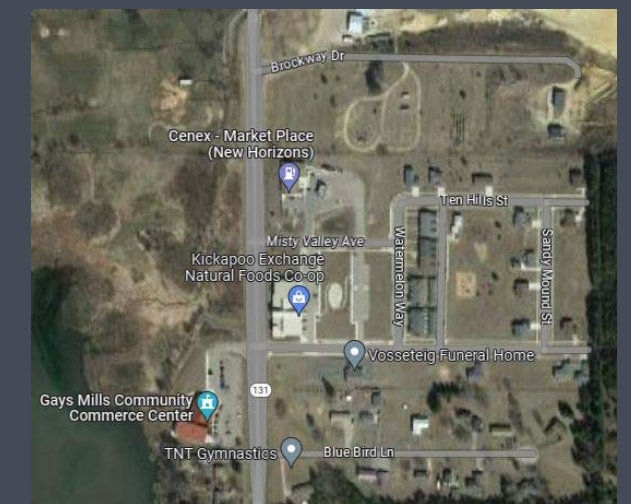


Good News Epilogue

Following another equally devastating flood one year later, the federal government, directed by FEMA, determined that the historic Village of Gays Mills was to be completely relocated to a flood-immune higher ground one mile to the north of the village's original location.

FEMA's plan for the relocated Gays Mills (shown below) now keeps its residents high and dry from any future floods. With this confidence in its new location, Gays Mills can now continue a vision using fundamentally sound urban design principals, to bring the endearing qualities of the old village to the new Village of Gays Mills Wisconsin.

Designing new buildings and elements with architectural character to the new village will create a sense of place, beauty and allure to the already-present Commerce Centre, Community Building, Homes, Duplexes and Mini-mart.



The new Village of Gays Mills, Wisconsin

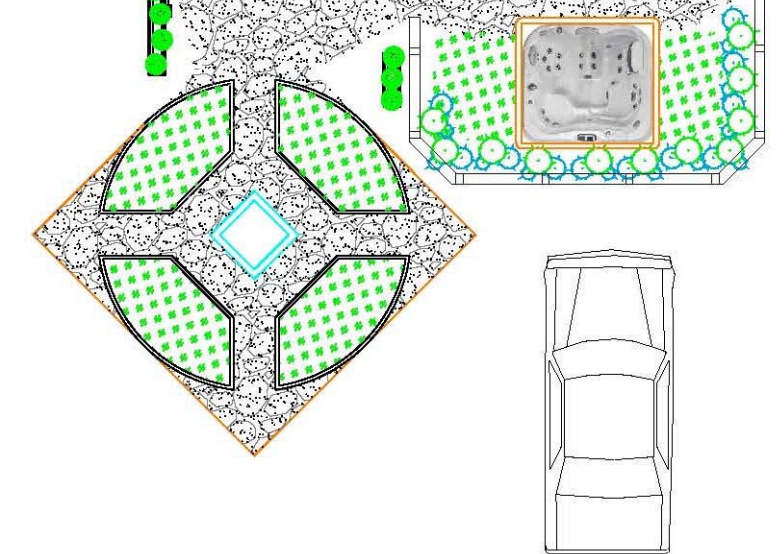
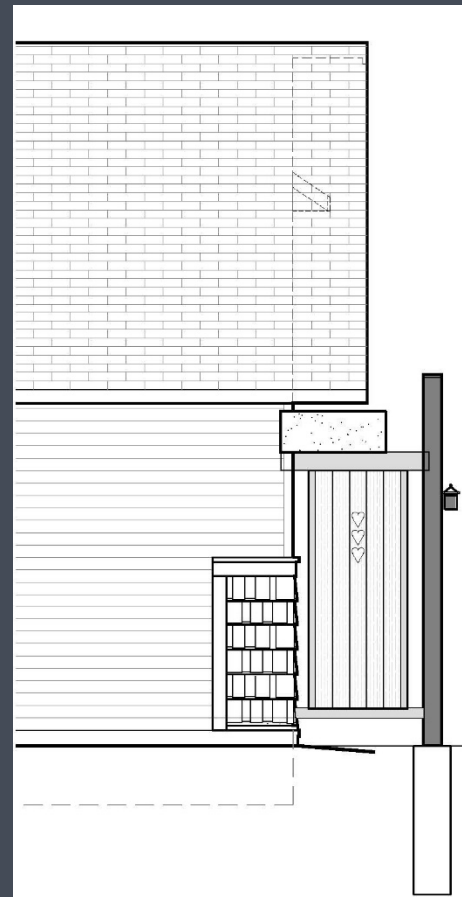
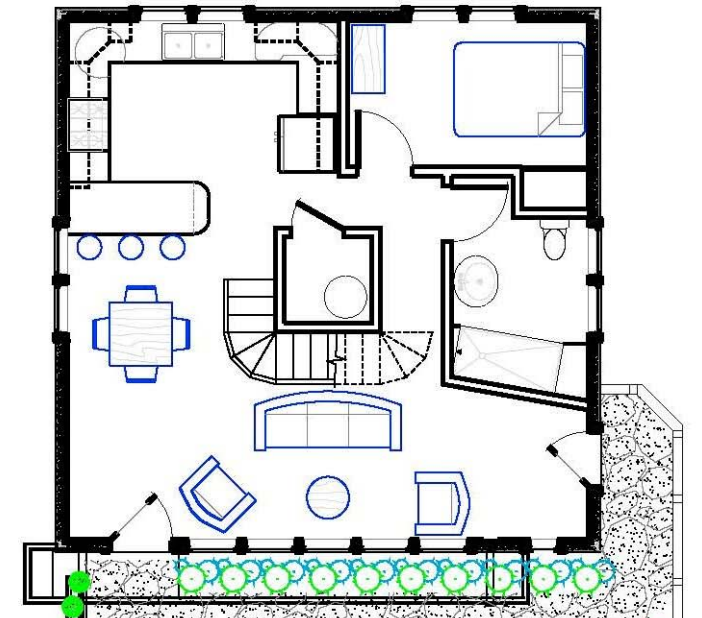
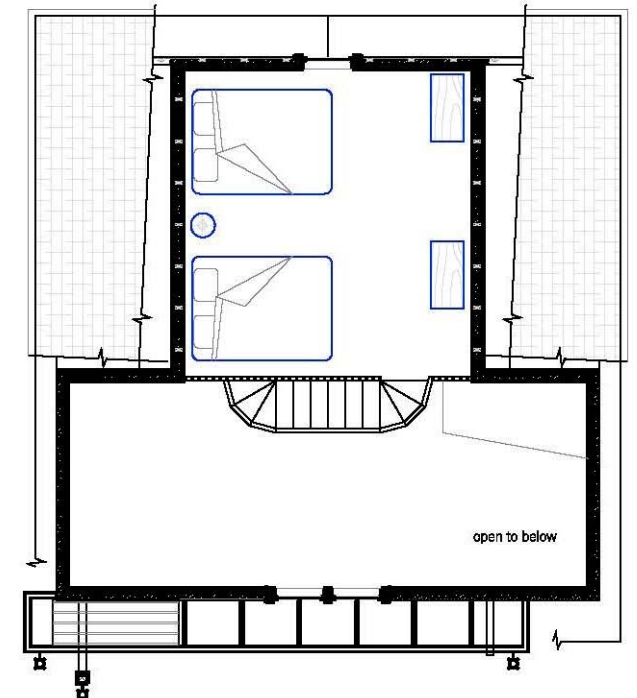
Backyard Cottage

Transforming a two-car garage

As stated by CNU Congress for the NEW URBANISM
“Accessory Dwelling Units (ADUs) help provide affordable options for a diverse range of residents. ADUs also offer a leading solution for communities to prevent moderate-income populations such as teachers, firefighters, and police officers from being priced out of the very communities they serve.

Typical types of ADUs include apartments above garages, flats with separate entrances, or small secondary buildings on a homeowner’s property. Encouraging the development of these smaller housing options can help attract young graduates, support families with aging grandparents, and provide additional income for homeowners.

625 sf + loft

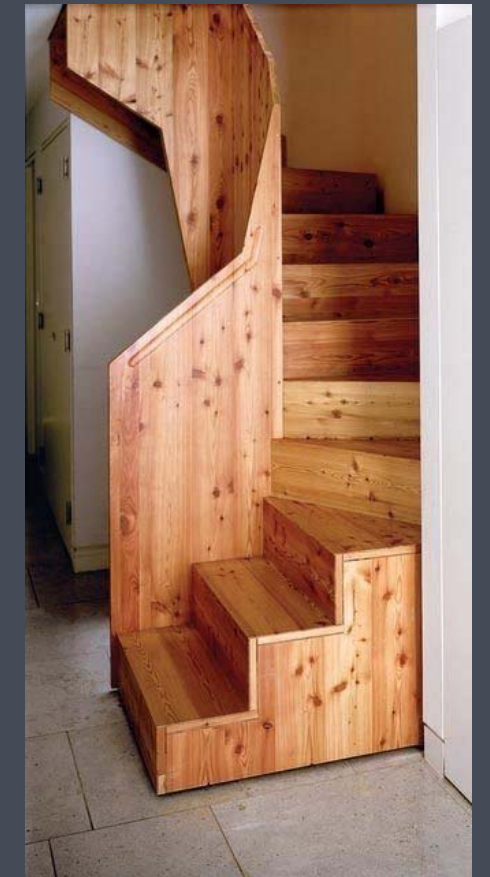




Existing
Garage



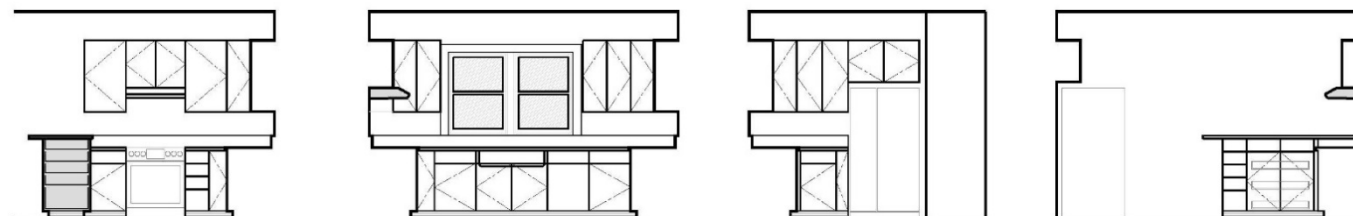
proj 05

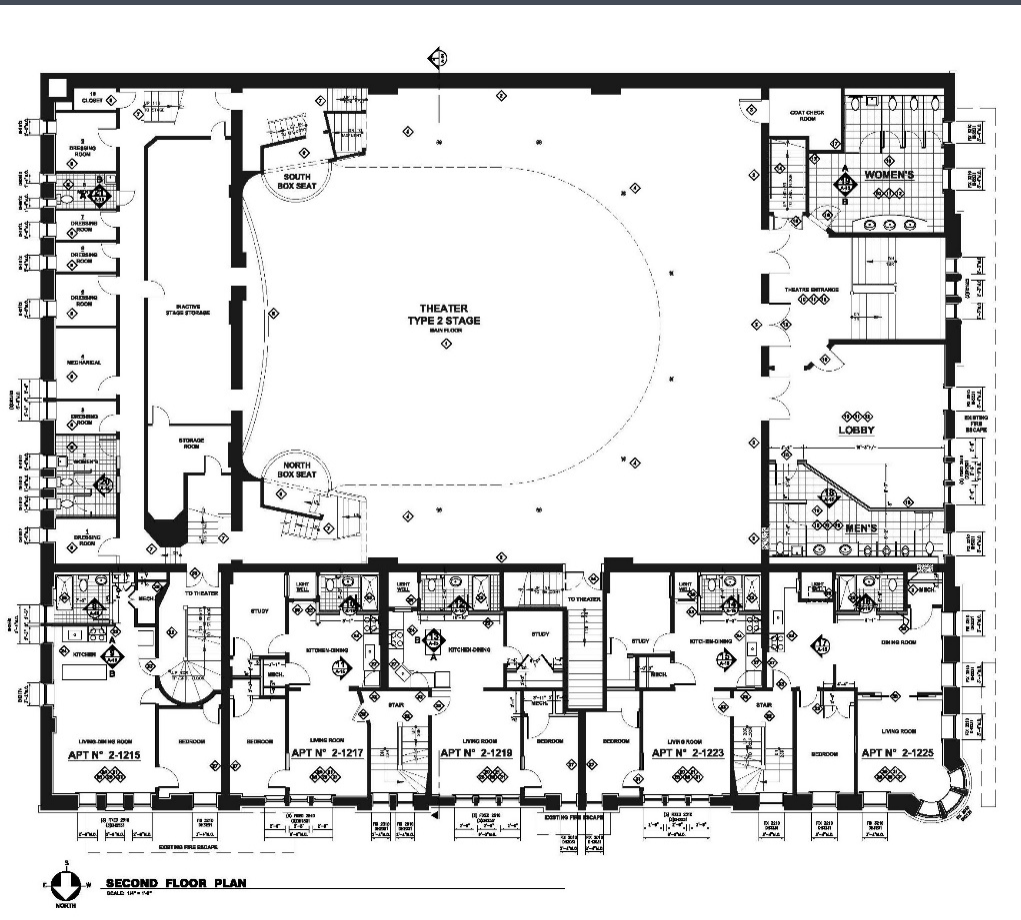


Stair inspiration by Pitman Tozer Architects,
UK

A Single Family Dwelling

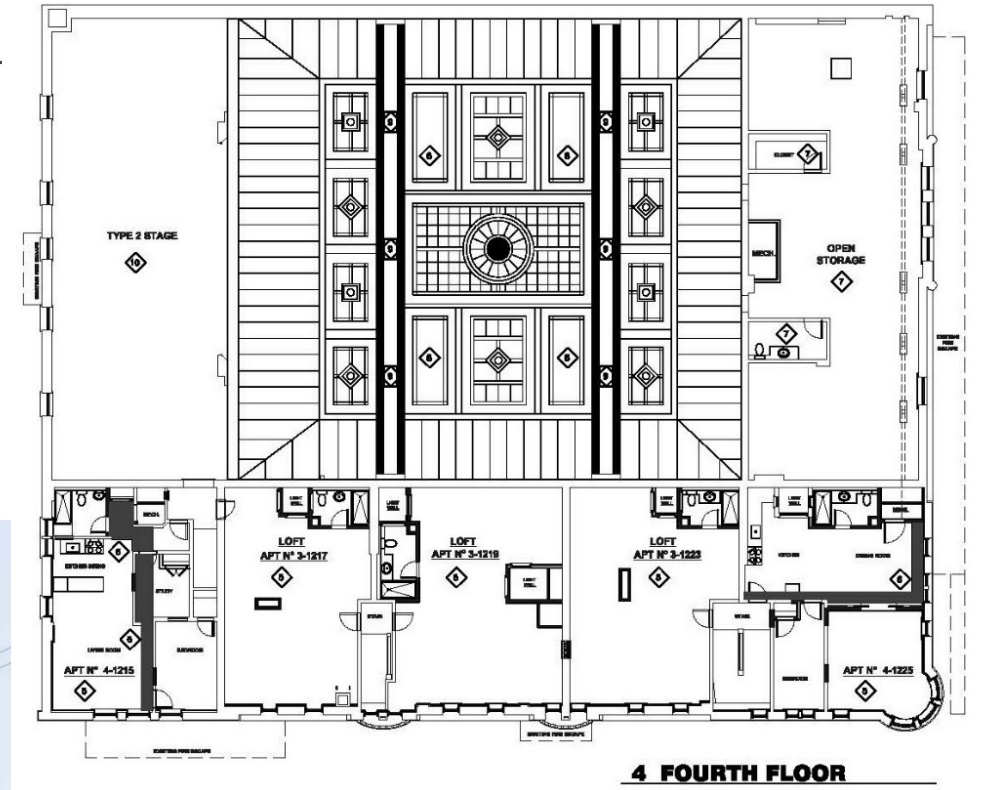
Viroqua, WI



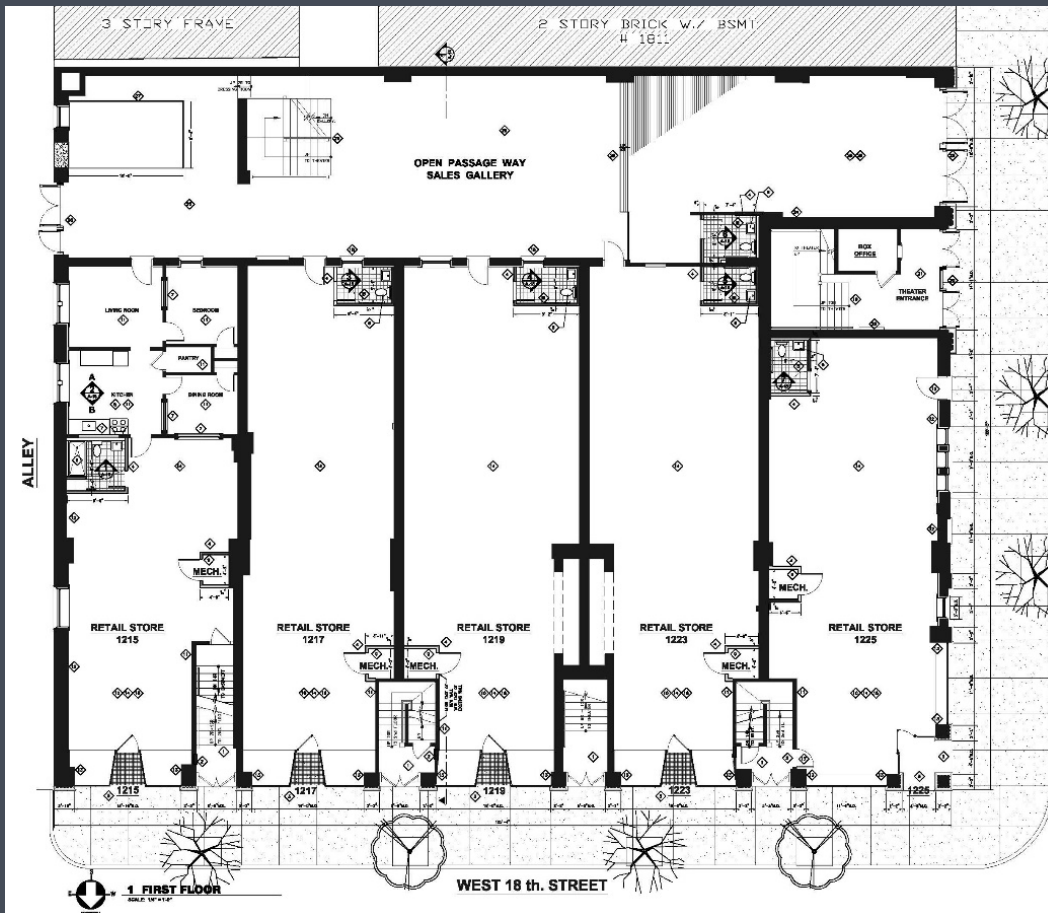


floor 2

floor 4

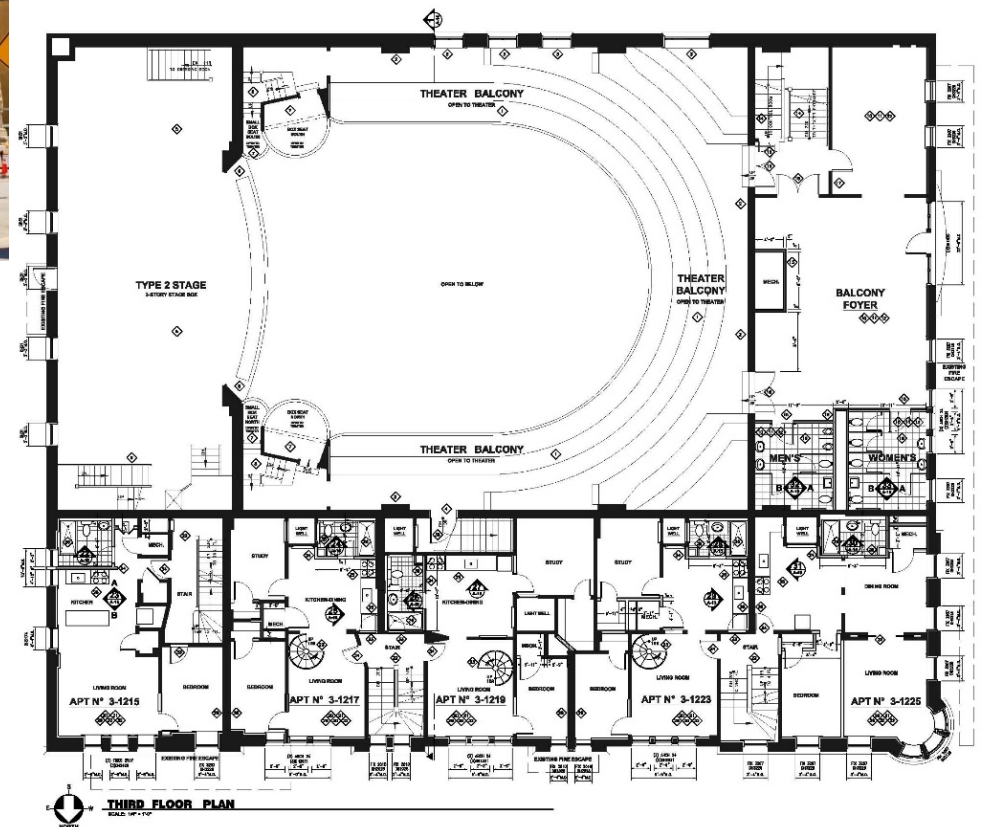


4 FOURTH FLOOR



street

floor 3



Historic Restoration

Thalia Hall 1892



Thalia Hall is a historic landmark located in the Pilsen neighborhood of Chicago. It was founded by John Dusek at the turn of the century as a neighborhood establishment. His hope for the corner of 18th & Allport was to build a public hall for the community. In 1892 his dream became reality: a multi-purpose property that would offer commercial storefronts, residential housing, and a hall for the community.

- 800 capacity live performance theatre hosting concerts by well-known musical acts 20,000 sf
- 6 units of street-level commercial storefronts 12,500 sf
- 12 units of residential housing on three floors 12,000 sf
- 1985 designated a Chicago landmark



proj 06



ADAPTIVE REUSE

Viroqua, Wisconsin

In the 1920's, if you lived in Viroqua and purchased a "Buick Six" you did so at Clark's Garage on Main Street. One hundred years later, after the wood bowstring trusses were blasted clean and the years of grease and grime were washed away, the Viroqua Public Market "Main Street Station" regained her prominence in town.

Today, this award-winning restoration "Best Adaptive Reuse Project" in the state of Wisconsin, serves the entire community as:

Multi-vendor Public Market

"VIVA" Art Gallery

Artisan Fare Restaurant



1 WEST ELEVATION

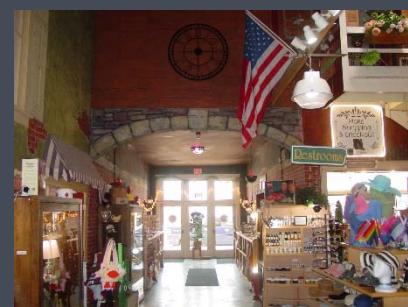
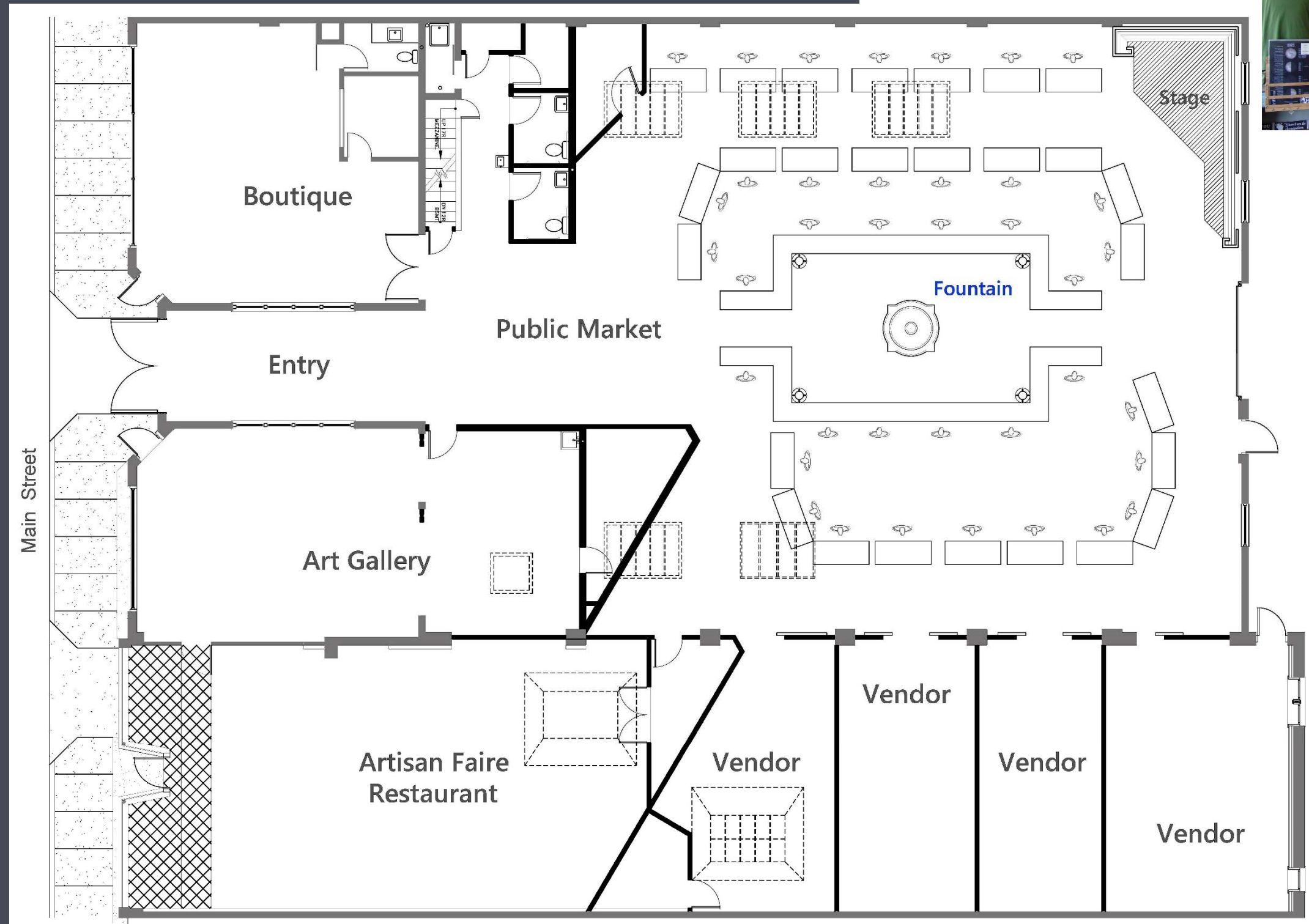
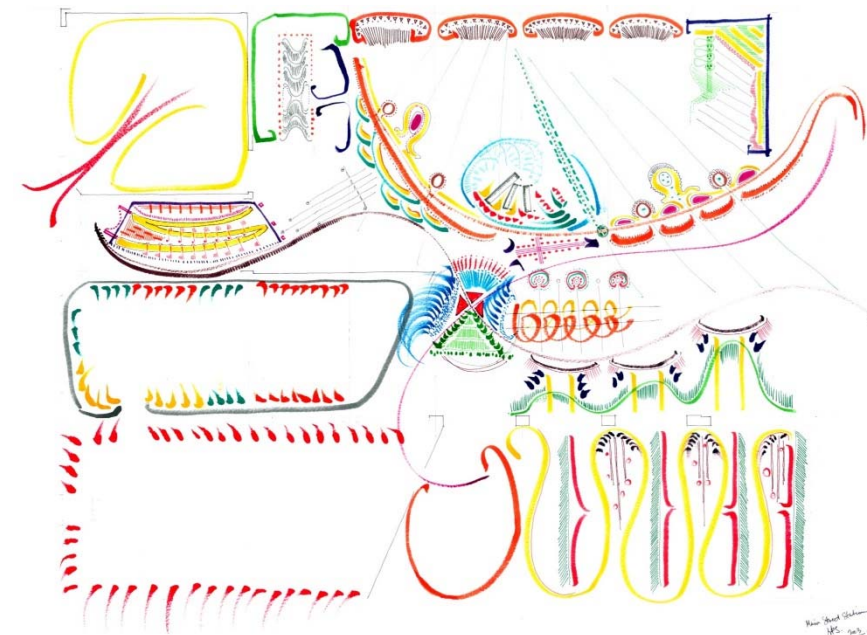
SCALE: 1/4" = 1'-0"



Main Street looking North from Terhune.
Notice the gas pump in front of Peterson Motors Bldg.

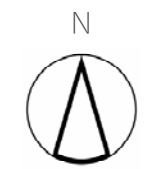


proj 07



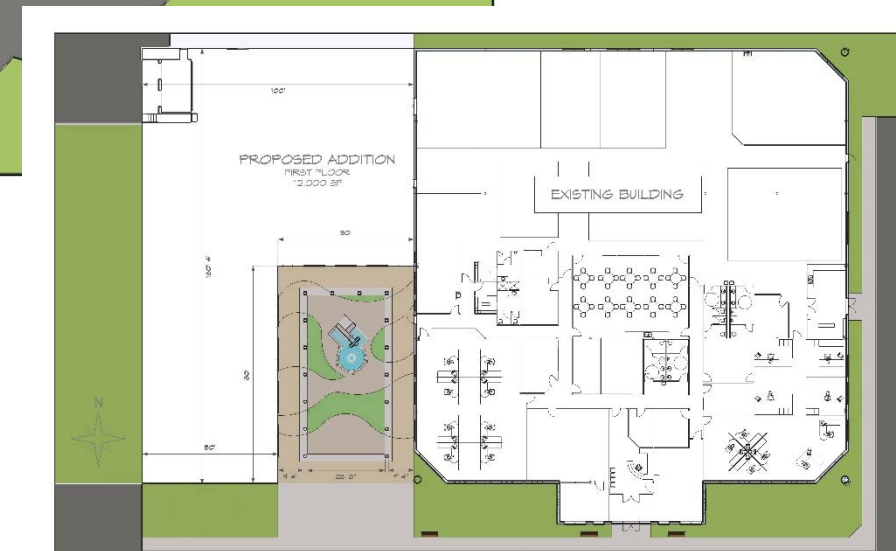
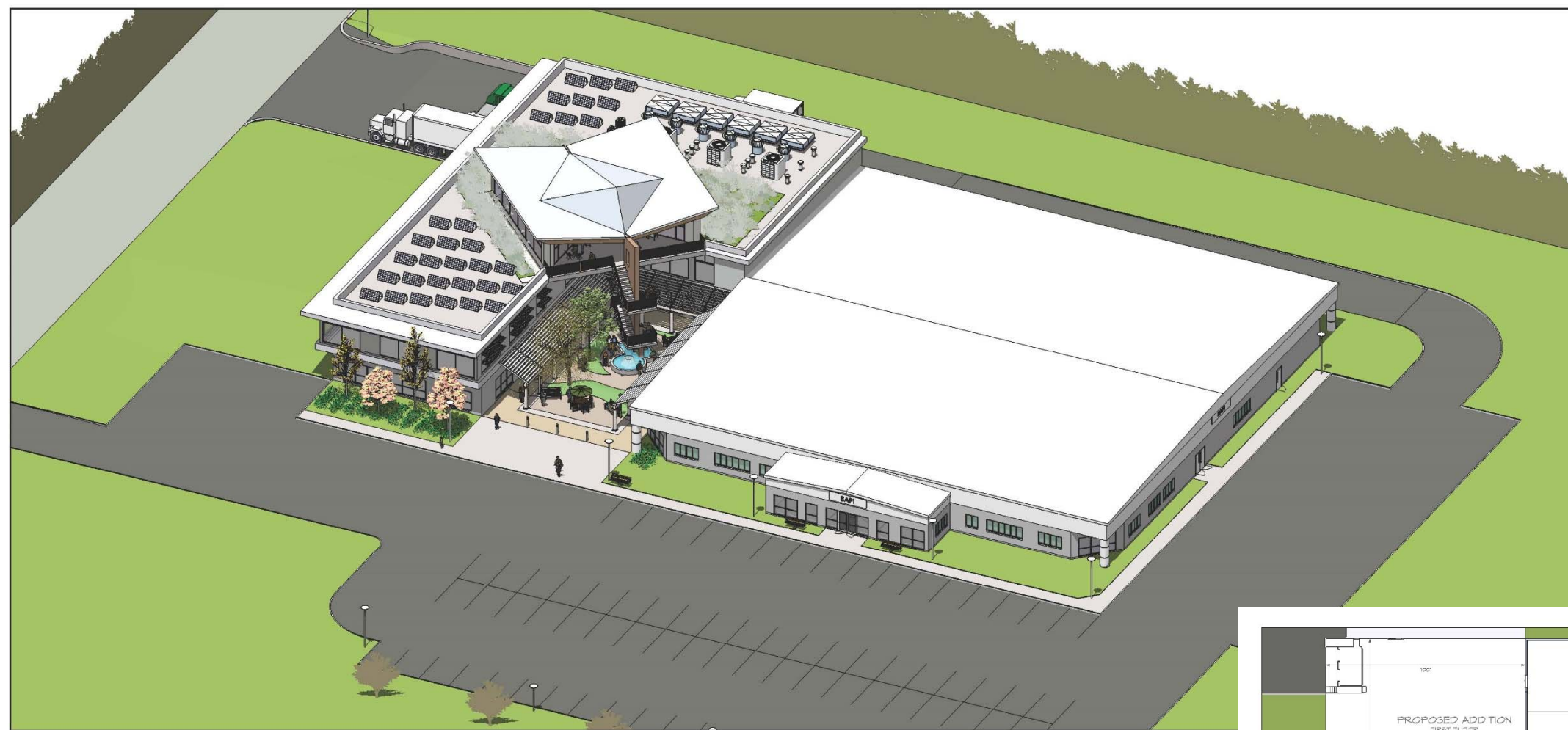
Main Street Station

Viroqua Public Market



Intuitive Drawing





Solar Design

Office and courtyard expansion
to manufacturing facility

25,600 sf + 26,000 sf

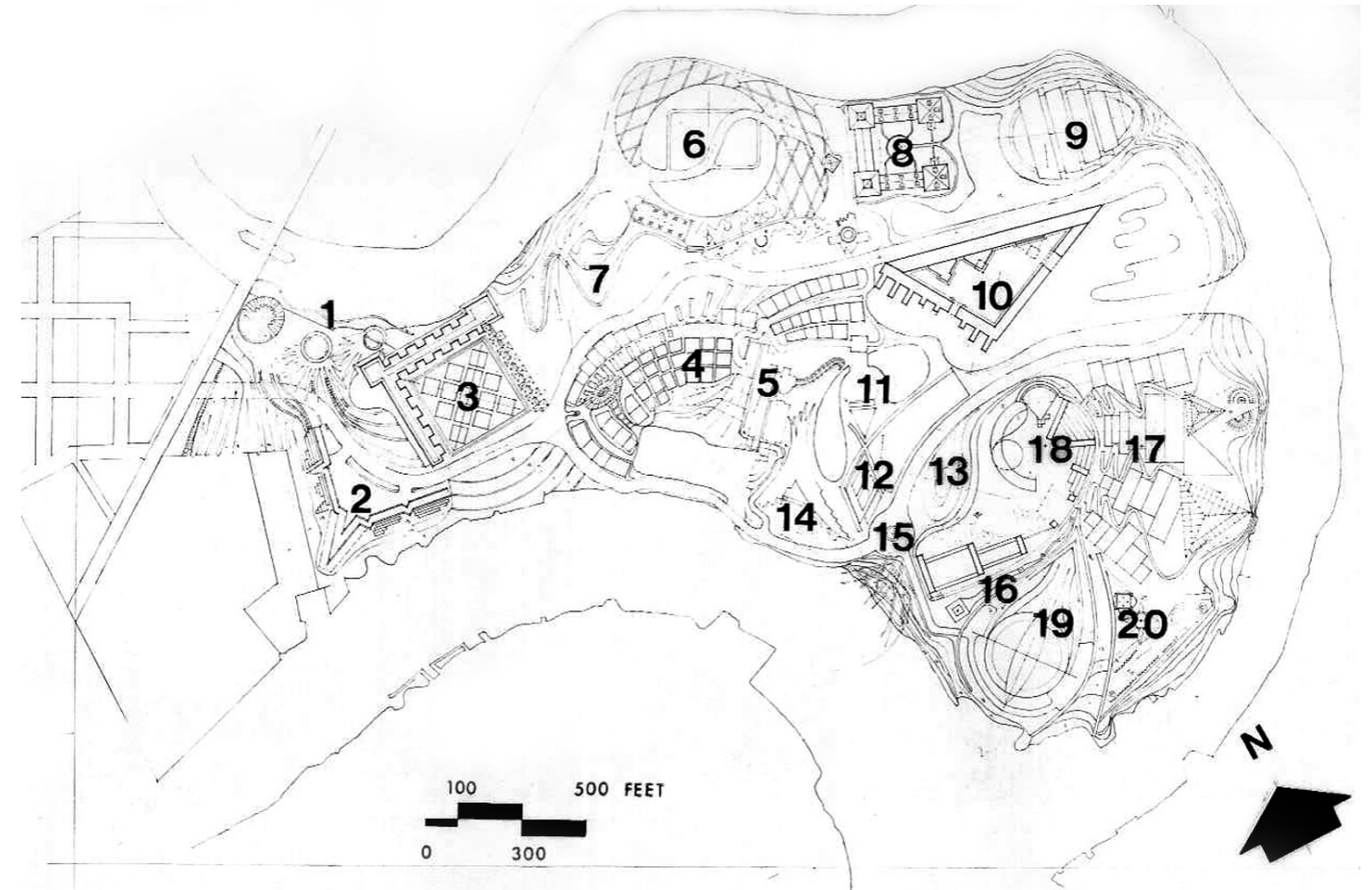


“Intuitive Creativity”

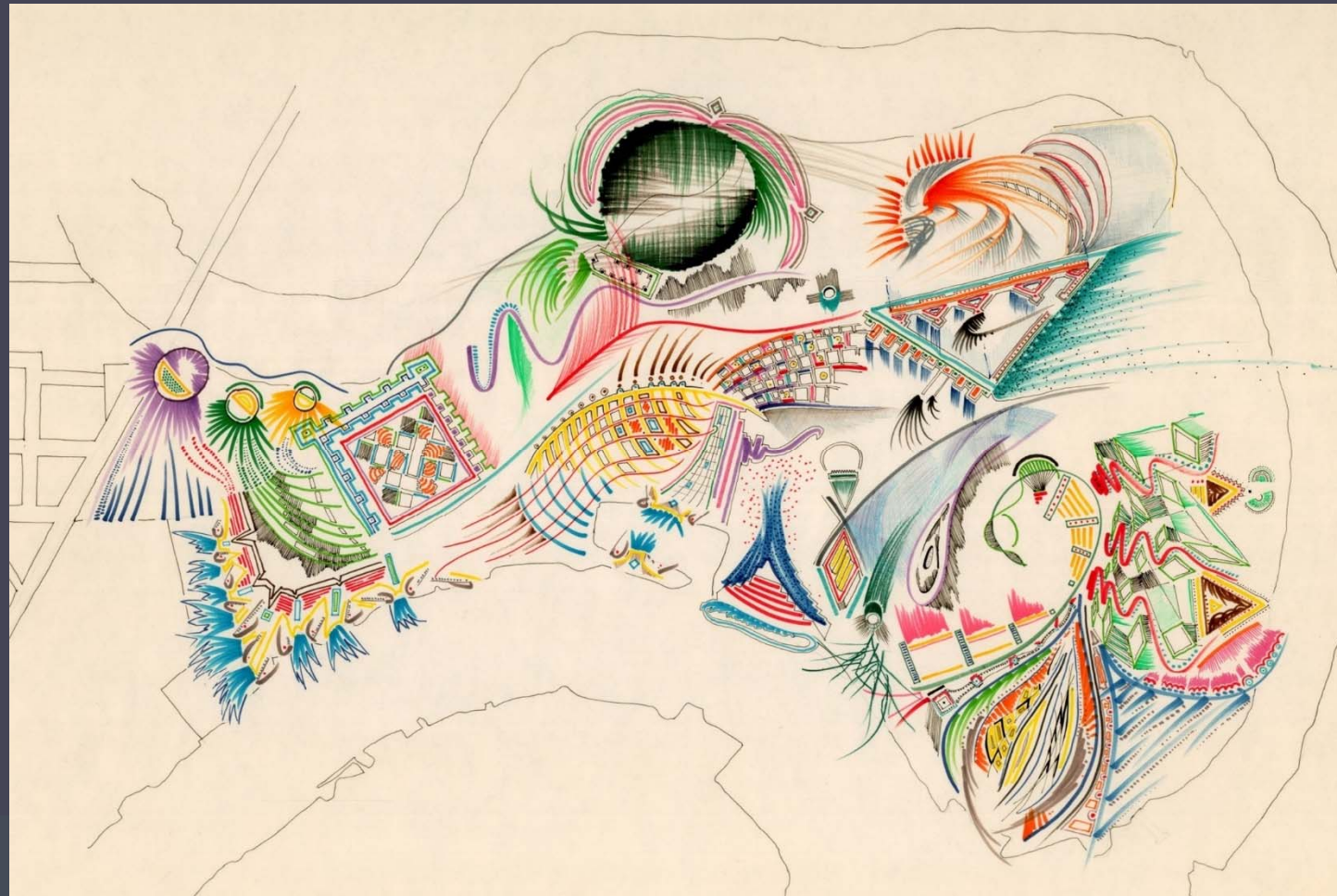
Thesis - Master of Architecture in Urban Design

An intuitive method of design is heart-centered with focused intent engaging the right side of the brain, where feeling and intuition reside. The forms and symbols which spontaneously emerge do not come from any preconceived ideas, thoughts or agendas. They do not emerge from rational thought (left hemisphere). The rational mind is later brought in to interpret the intuitive forms and symbols into architecture.

- | | | | |
|---------------------|-----------------------|-----------------------|---------------------|
| 1 - Museums | 6 - Cemetery | 11 - Chapel | 16 - Artist Studios |
| 2 - Apartments | 7 - Path of Life Park | 12 - Warehouse/Office | 17 - Greenhouses |
| 3 - Business Center | 8 - Music Academy | 13 - Theater | 18 - Environmental |
| 4 - Town Square | 9 - Civic Band Shell | 14 - Waterfront Steps | 19 - The Atrium |
| 5 - Boat Storage | 10 - Boatel | 15 - Turnabout | 20 - Fountain |



Plan Interpreted from Intuitive Drawing



Intuitive Plan Drawing



Model Plan View

proj 09



An "Intuitive Drawing" acts as a road map to evolve a final design, through incremental rational analysis, which responds to the fullest needs of the program. These drawings are concentrated efforts to express a sub-conscious response to the programmatic parameters of the project.

