ELIZA STREET APARTMENTS

Planning Commission 9.9.2025





PROJECT TEAM

Module Design, Inc. Owner/Developer



Tishman Speyer Master Developer, Block 36



Module's mission is to create a 21st-century residential development ecosystem that delivers better-designed, quality-built, energy-efficient, attainable housing, all through the power of offsite construction.

Based in Pittsburgh, PA, Module is a vertically integrated modular housing company with a manufacturing facility, a design & engineering arm, and a construction arm. Module is leading a culture shift in the industry, fueling innovation while creating a more equitable and inclusive way to build new housing.

- January 2016: Module founded
- May 2024: Last Mile Facility, Module's 22,000 square foot factory, opens in Carnegie
- Projected: Eliza Street Housing project to break ground







Pittsburgh Manufacturing Facility



Locally Owned & Operated

Provide living wage and provide onramps into the trades for youth.



Partner with Non-Profits

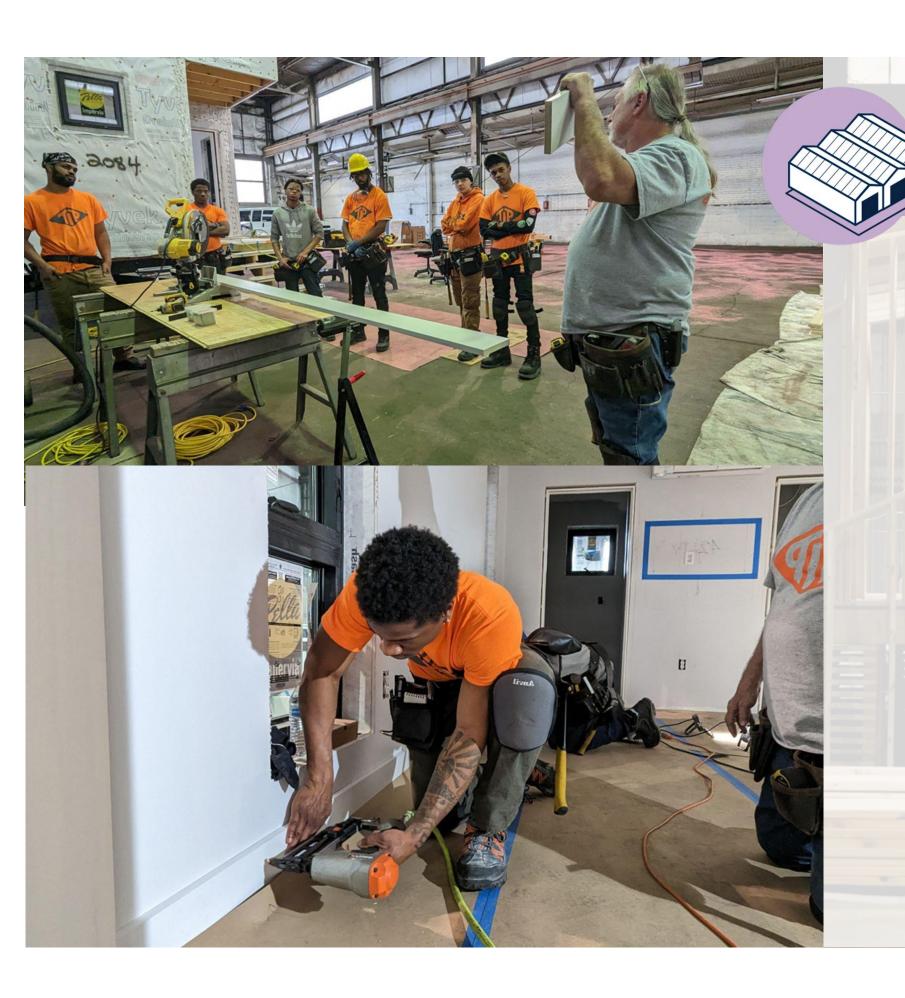
Our Factory provides in-kind design and engineering services via our "Mission-Driven Developer Program"



Focus on Equity

Fostering a culture where women & people of color thrive.





Workforce Development

Carpentry Training @ Trade Institute

Partner with TIP for 6 week carpentry program, including hybrid training on Module job sites.

On the Job Training Program @ Module

6 months of paid, on the job training at our factory with an opportunity for full-time employment.



HAZELWOOD GREEN

178-acre site along the Monongahela River, south of the Hot Metal Bridge, in Greater Hazelwood Neighborhood of Pittsburgh

- 2002: Almono LLC acquired site in 2002
- Before 2018, two developments plans and one PLDP (2013) were adopted
- 2018: New PLDP approved

4 Principles:

- 1. Advance Human Well-being
- 2. Inspire Innovation
- 3. Regenerate the Ecology
- 4. Create Resilient Places

Registered Community Organization: Hazelwood Initiative

Special Planning District SP-10 Preliminary Land Development Plan (December 6, 2024)

Sustainability:

- LEED for Neighborhood Development across District
- Project designed to LEED Gold standard (LEED for Homes v4)
- Conformance with Pittsburgh p4 Performance Measures as outlined in PLDP

		BLOCK	ACRES	SQ FEET	DISTRICT
FIGURE 4–1 Hazelwood Green's	FIGURE 4-2 Development Block	1	9.86	429,600	RIVER
Development Blocks & Shared Ways	Areas & District	2	2.01	87,605	RIVER
	Note, the acres and square feet refer to	3	2.06	89,568	RIVER
	the Block land area, not building area.	5	1.77 2.05	77,193	RIVER RIVER
	Additionally, areas A, B, and C are not	6	1.17	89,498 51,070	RIVER
	considered Development Blocks and are not		0.72	31,431	RIVER
K ₁₀	included in the SP-10 Zoning, but are includ	ed 8	1.42	61,782	RIVER
	for reference only (refer to Section 2.3.1).	9	1.29	56,355	RIVER
2		10	1.50	65,497	RIVER
	* Denotes a Block with a legacy building.	11	1.52	66,141	RIVER
* 3 get		12 13*	1.76 6.25	76,798 272,308	RIVER RIVER
3 defented		14	5.88	256,135	MILL
Ta T	<u>LEGEND</u>	15	1.21	52,635	MILL
5	Urban Open Space Bloc	k 16*	4.45	193,662	MILL
6 OF JOANE	RIDC-owned Block	17	5.04	219,536	MILL
A GREATHER WAS CHELLIFE	KIDC-owiled Block	18	3.22	140,444	MILL
1 GREENFIELD	non-contiguous area	19* 20	1.92 2.08	83,494 90,758	MILL MILL
8		21	2.38	103,523	MILL
		22	2.31	100,583	MILL
P 9 52		23*	1.49	65,075	MILL
R 10 R C		24	1.61	69,935	MILL
		25	1.11	48,456	MILL
3 11		26 27*	1.17 2.44	51,169 106,231	MILL MILL
LEGEND Railroad Tracks Shared Way - Fixed Slove Day of Fixed		28	2.44	96,582	MILL
Z		29	1.13	49,403	MILL
Railroad Tracks		30	0.68	29,476	MILL
Shared Way - Fixed		31	0.75	32,560	MILL
Silarea Way 1 Med		32	1.95	85,063	MILL
Shared Way - Flexible		33	1.31	57,197	MILL
Shared Way - Flexible Legacy Building	4	34 35	1.08 0.78	46,996 34,165	FLATS FLATS
Legacy Banama	1	36	1.51	65,724	MILL
Hazelwood Green	TT °C'	37	1.41	61,293	MILL
Development Block	STREE	38	1.36	59,311	FLATS
non-contiguous area	20	39	1.09	47,457	FLATS
non-contiguous area	ST REC	40	1.23	53,770 54,341	MILL
Urban Open Space Block	24 B MOBILE ST	42	1.09	47,614	MILL
STREE		43	1.48	64,302	FLATS
16	22	44	1.43	62,180	FLATS
21	ETE 27 & 28 TILLYMET ST	45	1.07	46,772	MILL
STR	26 Janet 1	46	1.40	60,842	MILL
25		47 48	1.39	60,361 78,847	MILL FLATS
D 17	29 33 33 33 37 BERWICK ST	49	1.46	63,797	FLATS
PROJECT SITE		50	1.45	63,135	MILL
34 35	41 1.2 III III III III III III III III III I	51	1.03	44,948	MILL
		52	1.52	66,426	MILL
38	DERWICK 3 45 46	53 54	1.89 1.19	82,381 51,953	FLATS FLATS
☐ 43	44 45 51 52 HAZELWOOD AVE	55	0.54	23,696	FLATS
	10 SU WOOD AVE	56	0.67	28,997	FLATS
48	0 0	57	2.94	127,892	FLATS
B 53	54 55 LTLE STREET 60 OF THE STREET ST	58	2.40	104,420	FLATS
	RALES SEEL STREET	59	2.65	115,288	FLATS
55	ST ST AVENUE	60	3.26 2.22	141,965 96,648	FLATS FLATS
	62 63 64 TECUMSEH ST	62	1.98	86,088	FLATS
	61 67	63	2.24	97,789	FLATS
	65	64	2.89	125,715	FLATS
	BLAIR ST ELIZABETHS	65	1.21	52,662	FLATS
N	TO ST.		0.43	18,816	FLATS
<u> </u>	8	67 A	0.31 2.94	13,319 128,152	FLATS NA
0′ 250′ 500 ft		B	1.05	45,920	NA NA
□ □ 500 ft	7 1 1 1	С	0.27	11,632	NA
	د	-			

ELIZA STREET HOUSING | PLANNING COMMISSION | SEPTEMBER 9, 2025

NEIGHBORHOOD CONTEXT



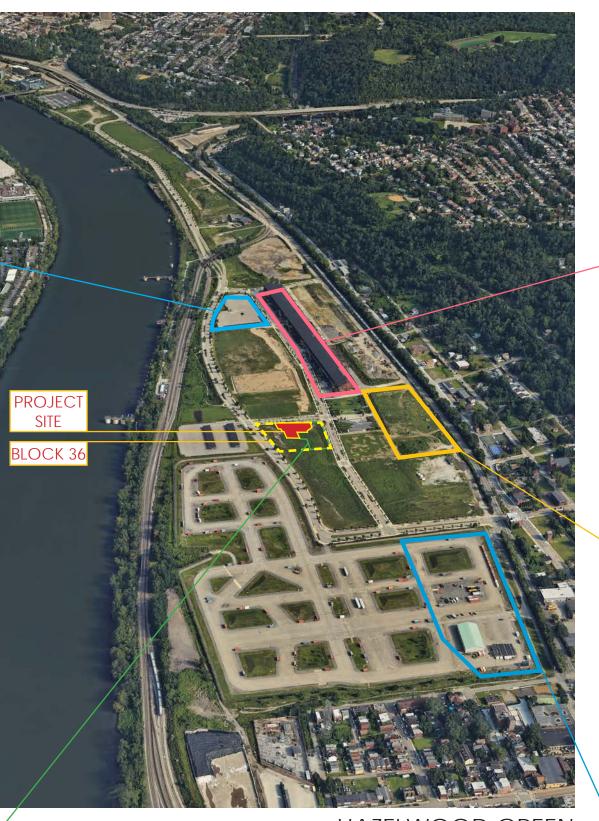
BIOFORGE University of Pittsburgh projected complete Fall 2025



PROJECT SITE Block 36



ELIZA COMMONS Trek Development groundbreaking 2026



HAZELWOOD GREEN
District
Aerial from South



MILL 19
RIDC - technology and research tenants
completed 2019-2022



ROBOTICS INNOVATION CENTER Carnegie Mellon University projected complete Fall 2025



COMMUNITY FIELD
Pittsburgh Steelers
pre-construction planning





PLANNING COMMISSION

Site Plan Review Criteria

Project to meet all applicable provisions of Zoning Code and Preliminary Land Development plan.

Additional criteria for Site Plan Review are as follows, as applied by Zoning Administrator, according to 922.04.E.4:

- a. Use, Scope, and Intensity. When determined by the Zoning Administrator, the applicant shall provide sketches, exhibits, and other materials to illustrate and quantify the character and siterelated impacts of the proposed development.
- **b. Site Design.** Layout design should be guided by such factors as the topography of the site, privacy, building height, orientation, daylight needs, drainage, and views.
- **c. Building Design.** The Zoning Administrator will consider the following guidelines when reviewing building design: harmony of design, creativity and diversity of design, massing, orientation, scale, and materials.
- d. Landscape Plan. The landscape design should recognize and make use of the various functions served by landscaping: aesthetic function, architectural function, engineering function, and climatological function.
- **e. Transportation Analysis.** No TDM has been requested. Project is one third of a master development of Block 36, and 2 points toward the LEED Transporation Demand Management will be documented as achievable.

MEETING HISTORY

Zoning and Community Meeting History

Application # BDA-2025-01706

Zoning Approvals

- March 28, 2025: Zoning Pre-application Meeting
- April 8, 2025: Community Meeting #1, Hazelwood Initiative
- May 13, 2025: Development Activities Meeting
- May 23, 2025: Building Development Application Submittal: BDA-2025-01706, Review Begins
- June 24, 2025: Contextual Design Advisory Panel

Variance: Section 909.01.Q.5.F.i: 14' minimum ground floor height; 13'-6" ground floor height proposed

- July 10, 2025: Hearing, Zoning Board of Appeals
- July 17, 2025: ZBA Decision Variance GRANTED

CONTEXTUAL DESIGN ADVISORY PANEL

- Panel Presentation and Review: June 24, 2025
- City Planning Report: Received July 10, 2025

The Panel commented favorably towards the following:

- The rowhouse-type massing is unique and makes this project stand out.
- The materiality of the parking lot elevation is creative and engaging.
- The courtyard area brings an increased sense of community to the project.

The Panel expressed concerns regarding the following items:

- Consider alternatives to the horizontal siding. A recommendation of vertical siding to simplify the facade was suggested as a design alternative.
- Consider a deeper cap or a different material application to strengthen the top of the building.
- Consider seating and offset walking paths in the courtyard space for further activation.

Concerns brought up by individual panelists include:

- Consider ornamental grasses in the courtyard that are more shade resistant.
- Consider projecting the angled canopy beyond the edge of the building for a more refined design. (Staff note: coordinate possible encroachment with DOMI)
- Consider the appearance of the west facade if there will be a gap in time between this phase of the development and future phases.

The project team addressed the concerns raised at CDAP as follows:

- The panel commented that variation of horizontal and vertical siding created a rythm and scale that did not fit the heirarchy of the design scheme. The siding directionality now varies with entire unit stacks, and spans of wall 16'-20' in width.
- The project team studied numerous cornice/cap designs for the top of the building. Overhanging cornices broke with the modern response to industrial architecture in this part of the design. Instead, the negative-line recess of the trim between bays was reinforced, and carried to the top of the parapet as a recessed cornice line.
- The courtyard design includes an offset walking path, and benches for seating, in scale with the size and occupancy of this exterior space.
- Shade-tolerants and drought-resistant grasses have been selected for the courtyard, and other landscape areas that will be shaded for significant portions of the day.
- The street-facing canopy design has been developed, for a more subtle and layers interface with the front of the building.
- The west facade will be addressed similarly to the courtyardfacing exterior walls.

HOUSING AFFORDABILITY

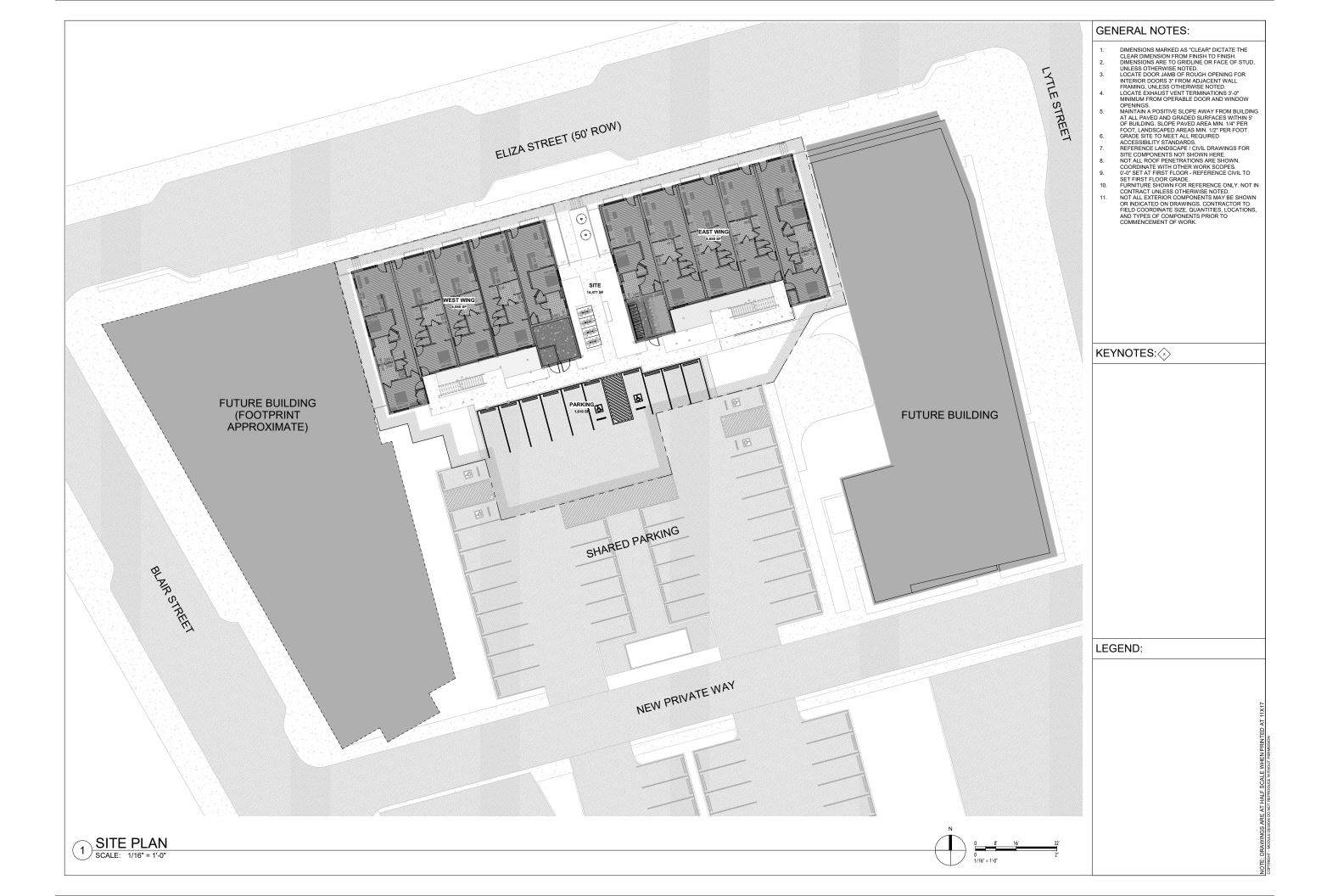
The Project:

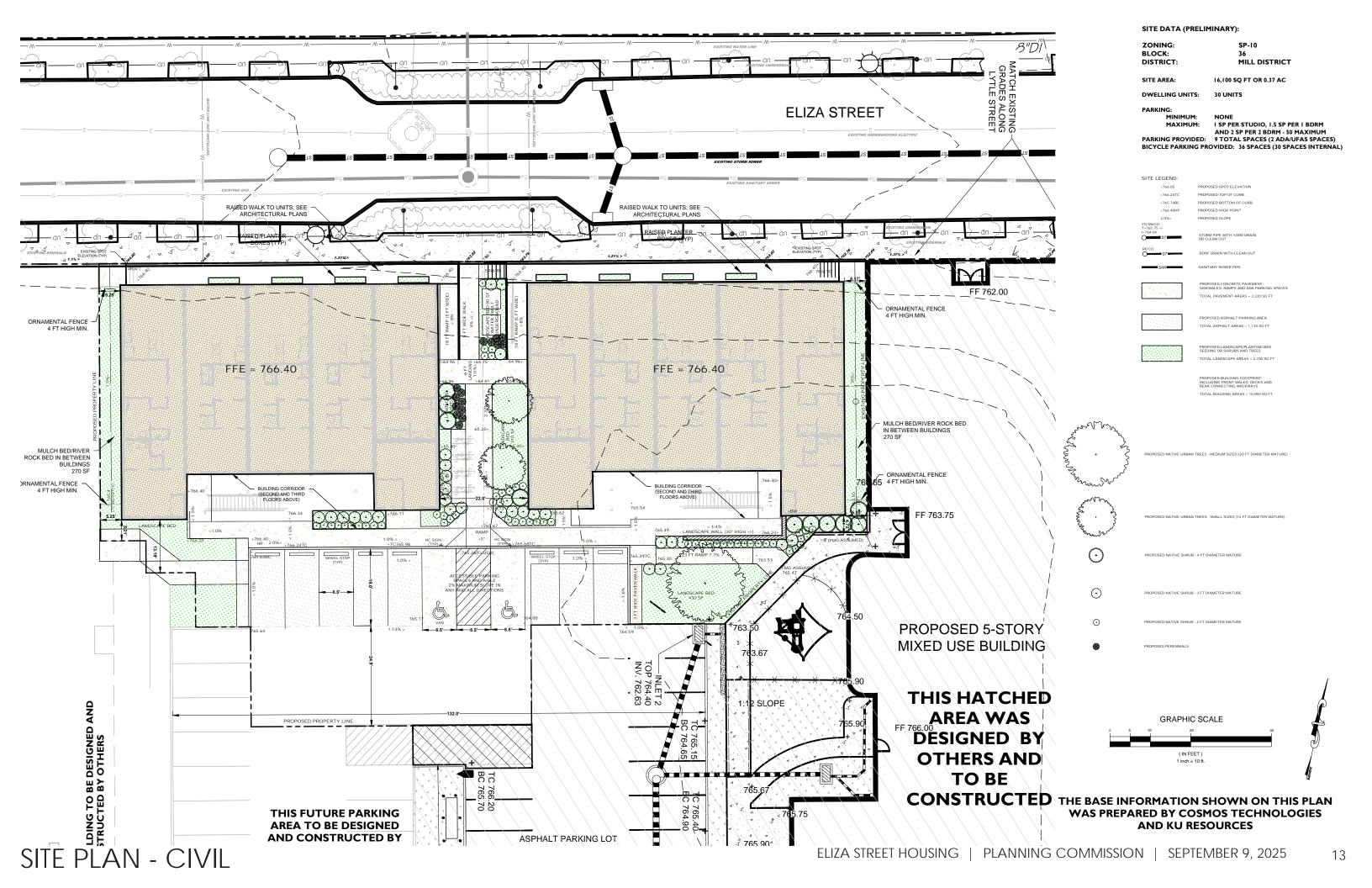
- Addresses need for "missing middle" housing, adding local housing stock affordable to renters at the average median income for Pittsburgh
- Supplements the block's other planned projects, which are focused on tax-credit funded lower-AMI units, for a proportional total spread across affordability levels
- Reduces construction and operating costs through efficient design and off-site fabrication

BLOCK 36

- "Eliza Commons" Phase I (East/Lytle Street side of block): LIHTC
- PROPOSED Phase II (North/Eliza Street side of block): Market Rate / Unsubsidized
 - subject to pending Inclusionary Zoning Legislation
 - Targeting rents from 80 120% AMI

PHASE	0-30% AMI	30 – 60 % AMI	60 – 120% AMI	TOTAL
Lytle	25	15	10	50
Eliza	0	0	30	30
Bliar	24	20	2	46
TOTAL	49	35	42	126
	39%	28%	33%	





FLOWERING SHRUBS



VIBURNUM TRILOBUM "HIGHBUSH CRANBERRY"

VIBURNUM TRILOBUM "GRO-

LOW SUMAC"

"SUMMERSWEET"



ILEX VERTICILLATA "WINTERBERRY HOLLY"

PERMEABLE PAVERS



GROUND COVER

CLETHRA ALNIFOLIA



"OAKLEAF" HYDRANGEA QUERCIFOLIA

ORNAMENTAL GRASS



PANICUM VIRGATUM "SHENANDOAH SWITCH GRASS"



SCHIZARIUM SCOPARIUM "CINNAMON STICKS"

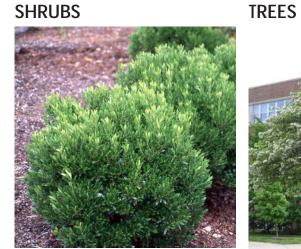
PERENNIALS



COREOPSIS V "MOONBEAM"



RUDBECKIA FULGIDA SULLIVANTI "GOLDSTRUM"



ILEX GLABRA "SHAMROCK"



"BURKII" JUNIPERUS VIRGINIANA



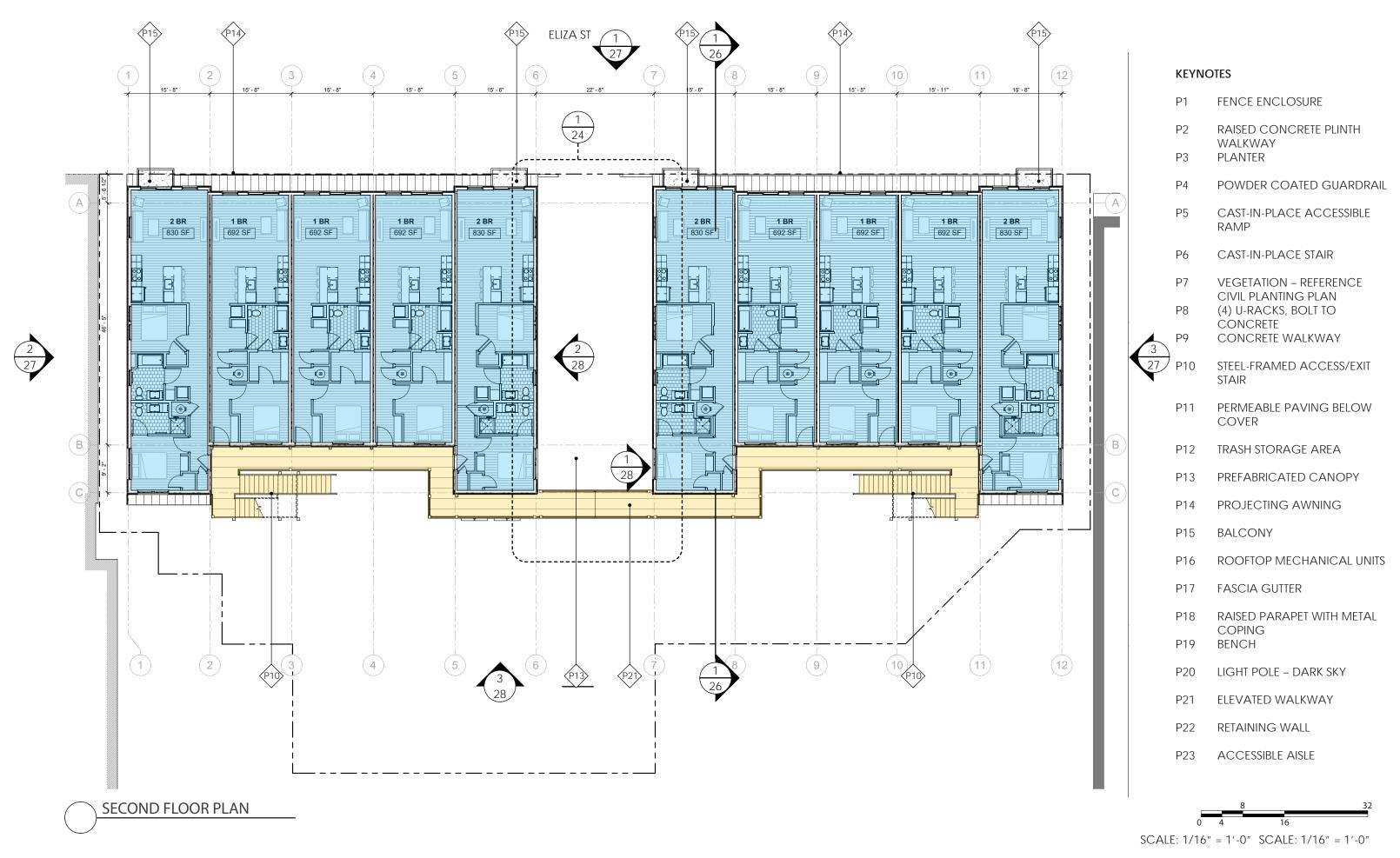
CRATAEGUS CRUS-GALLI INERMIS 'CRUSADER'

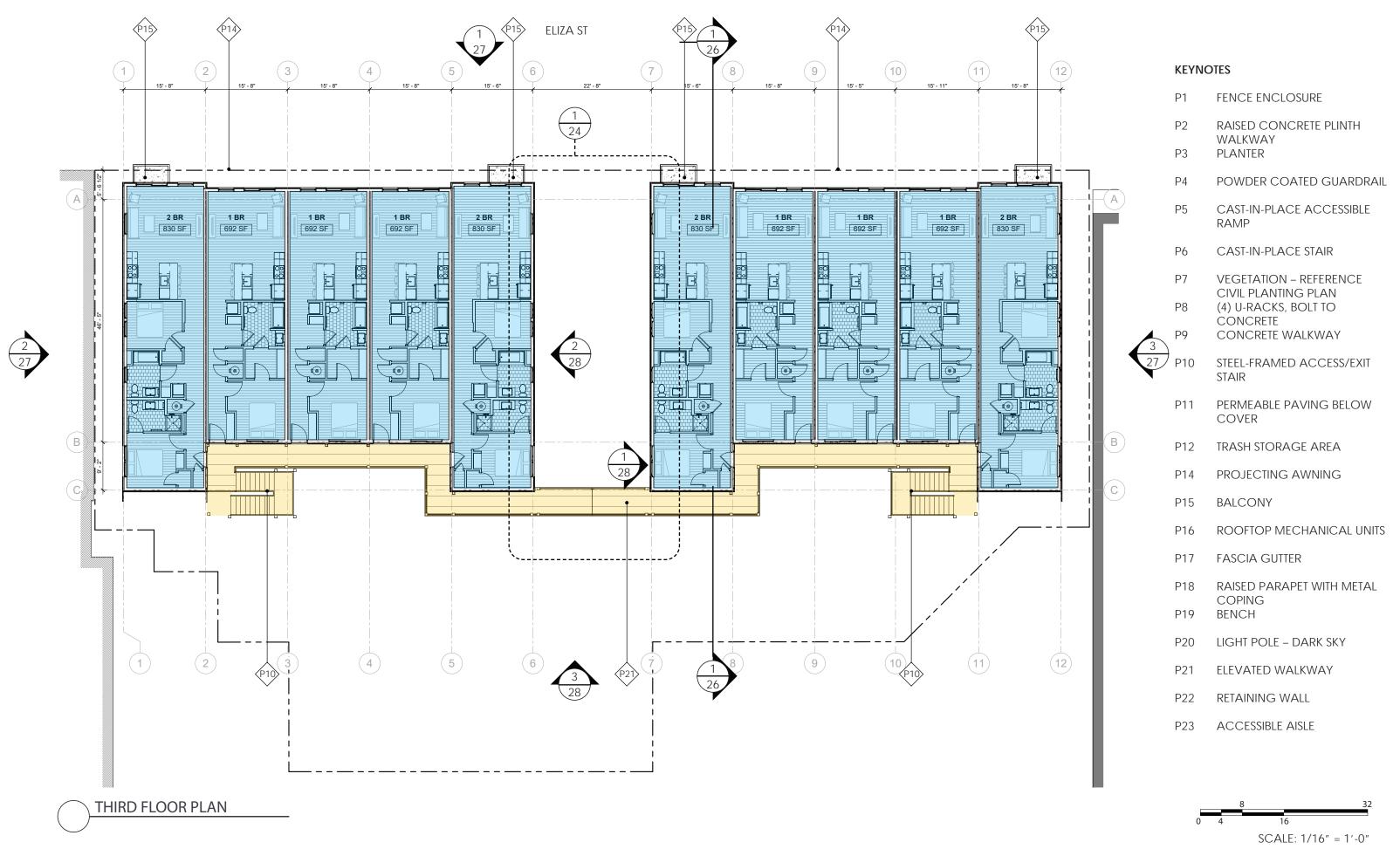


CERCIS CANADENSIS "FOREST PANSY"/"EASTERN REDBUD"



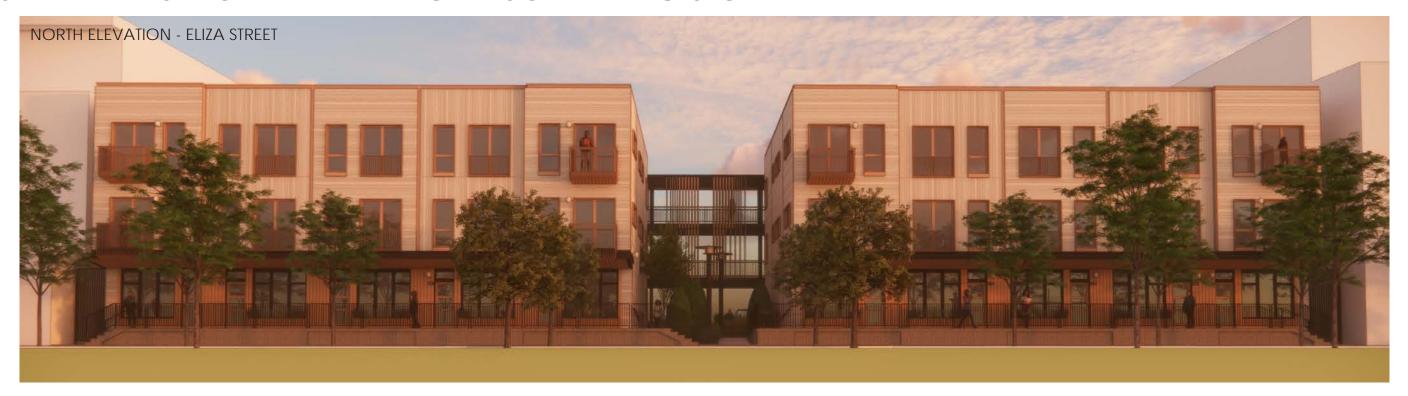


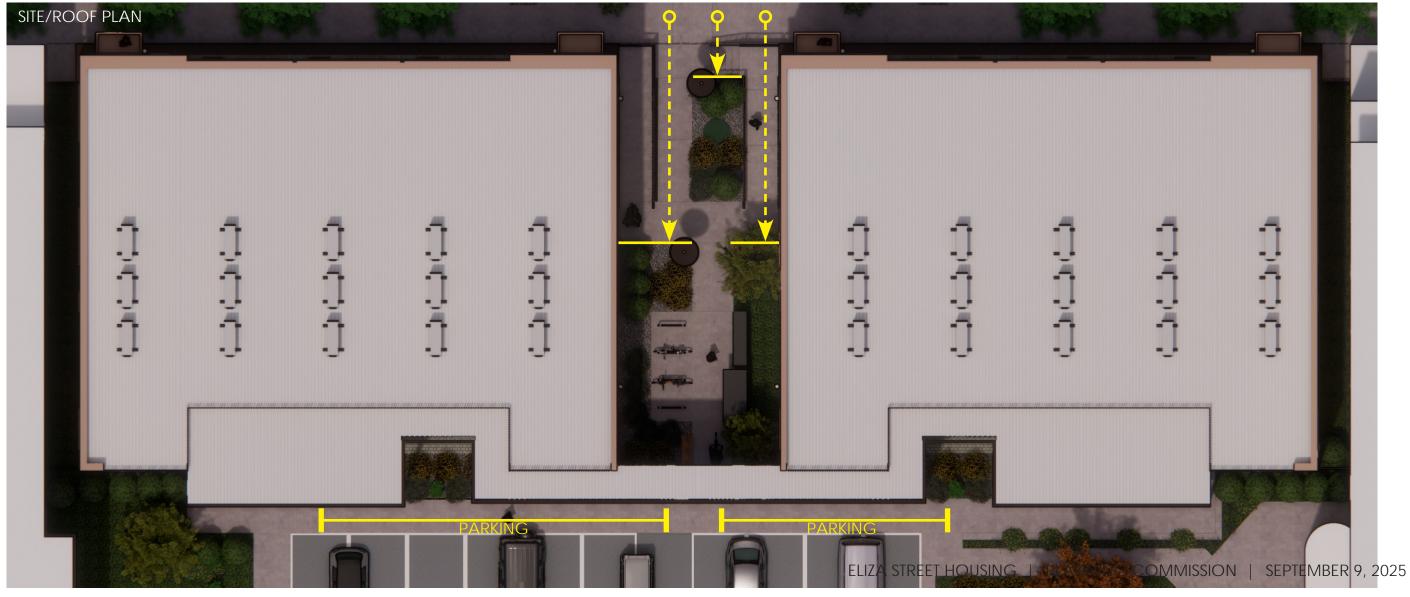






ELIZA STREET PERSPECTIVE ELEVATION - SCREENING STUDY





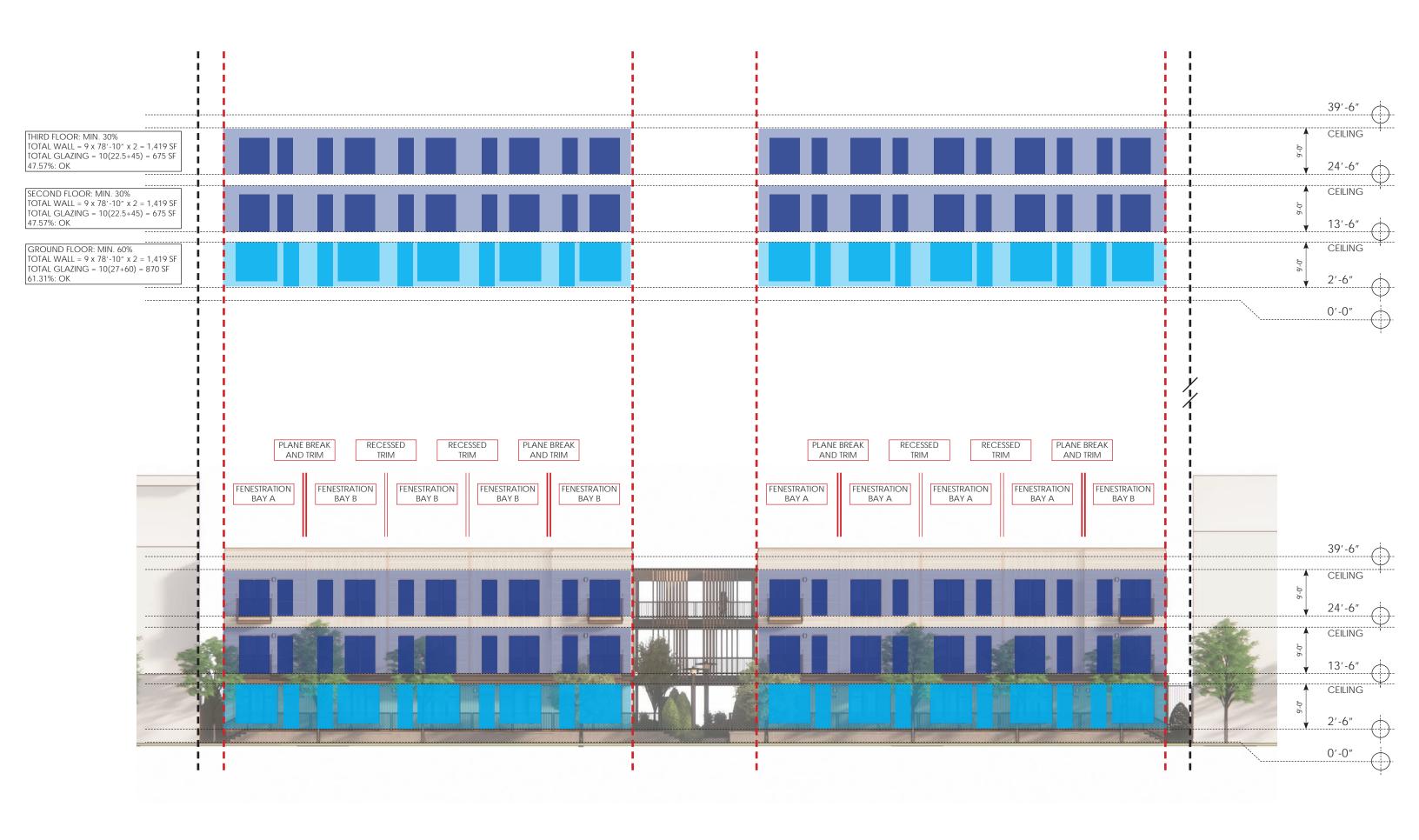
AERIAL ISOMETRIC - NORTHWEST



20



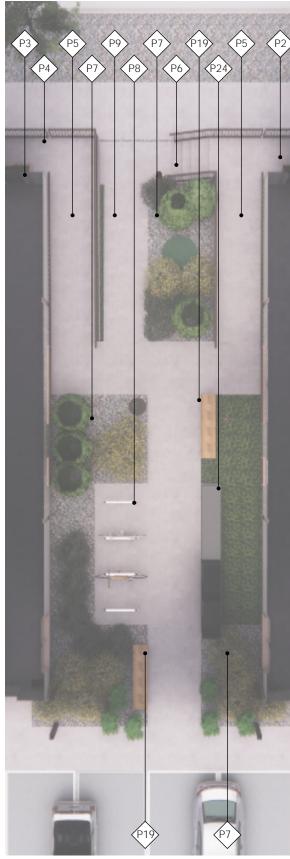
21



ELIZA STREET PERSPECTIVE



COURTYARD



SITE PLAN PERSPECTIVE FLOOR PLAN CUT



KEYNOTES				
P1	FENCE ENCLOSURE			
P2	RAISED CONCRETE PLINTH WALKWAY			
P3	PLANTER			
P4	POWDER COATED GUARDRAIL			
P5	CAST-IN-PLACE ACCESSIBLE RAMP			
P6	CAST-IN-PLACE STAIR			
P7	VEGETATION – REFERENCE CIVIL PLANTING PLAN			
P8	(4) U-RACKS, BOLT TO CONCRETE			
P9	CONCRETE WALKWAY			
P10	STEEL-FRAMED ACCESS/EXIT STAIR			
P11	PERMEABLE PAVING BELOW COVER			
P12	TRASH STORAGE AREA			
P14	PROJECTING AWNING			
P15	BALCONY			
P16	ROOFTOP MECHANICAL UNITS			
P17	FASCIA GUTTER			
P18	RAISED PARAPET WITH METAL COPING			
P19	BENCH			
P20	LIGHT POLE – DARK SKY			
P21	ELEVATED WALKWAY			

RETAINING WALL

ACCESSIBLE AISLE

PEDESTAL MAILBOXES

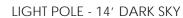
P23

SITE PLAN PERSPECTIVE ROOF PLAN



AERIAL VIEW INTO COURTYARD FROM NORTH







BIKE RACK - BELSON CBBR-2CR-SS







VIEW
TO EAST
FROM
ELIZA
STREET
SIDE
PLINTH,
UNIT
ENTRIES

ELIZA STREET PERSPECTIVES







ELIZA STREET HOUSING | PLANNING COMMISSION | SEPTEMBER 9, 2025



NORTH ELEVATION (FRONT)





WEST ELEVATION

KEYNOTES

- PERMEABLE PAVING BELOW COVER PLANK RAINSCREEN CLADDING E3 PREFABRICATED ALUMINUM BALCONY - SITE INSTALLED
- E4 WOOD-LOOK OR COLOR MATCH BALCONY PICKETS AND CLADDING
- GLIDING PATIO DOOR, FIBERGLASS, TAN
- SLIDER WINDOW, FIBERGLASS, TAN

- CASEMENT WINDOW, FIBERGLASS, TAN
- FIBERGLASS WINDOW MULL, BRONZE E8
 - POWDER COATED STEEL HANDRAIL BRONZE
- E9 POWDER COATED STEEL GUARDRAIL - BRONZE
- WOOD-LOOK GLAZED FIBERGLASS DOOR E11
- WOOD-LOOK OPAQUE FIBERGLASS DOOR

- FLUSH EXHAUST VENT
- STANDING SEAM METAL ROOF BRONZE E14
- E15 FASCIA GUTTER AND METAL FASCIA - BRONZE COLOR
- METAL PARAPET COPING E16
- E17 WOOD-LOOK SCREENING



SCALE: 1/32" = 1'-0"





COURTYARD EAST ELEVATION

COURTYARD WEST ELEVATION





KEYNOTES

PERMEABLE PAVING BELOW COVER PLANK RAINSCREEN CLADDING

E2 E3 PREFABRICATED ALUMINUM BALCONY - SITE INSTALLED

E4 WOOD-LOOK OR COLOR MATCH BALCONY PICKETS AND CLADDING

GLIDING PATIO DOOR, FIBERGLASS, TAN

SLIDER WINDOW, FIBERGLASS, TAN

CASEMENT WINDOW, FIBERGLASS, TAN

FIBERGLASS WINDOW MULL, BRONZE E8

POWDER COATED STEEL HANDRAIL - BRONZE

E9 POWDER COATED STEEL GUARDRAIL - BRONZE

WOOD-LOOK GLAZED FIBERGLASS DOOR E11

WOOD-LOOK OPAQUE FIBERGLASS DOOR

FLUSH EXHAUST VENT

STANDING SEAM METAL ROOF - BRONZE E14

E15 FASCIA GUTTER AND METAL FASCIA - BRONZE COLOR

E16 METAL PARAPET COPING

WOOD-LOOK SCREENING



SCALE: 1/8" = 1'-0"

MAX PARAPET

0'-0"

PALLETTE/INSPIRATION





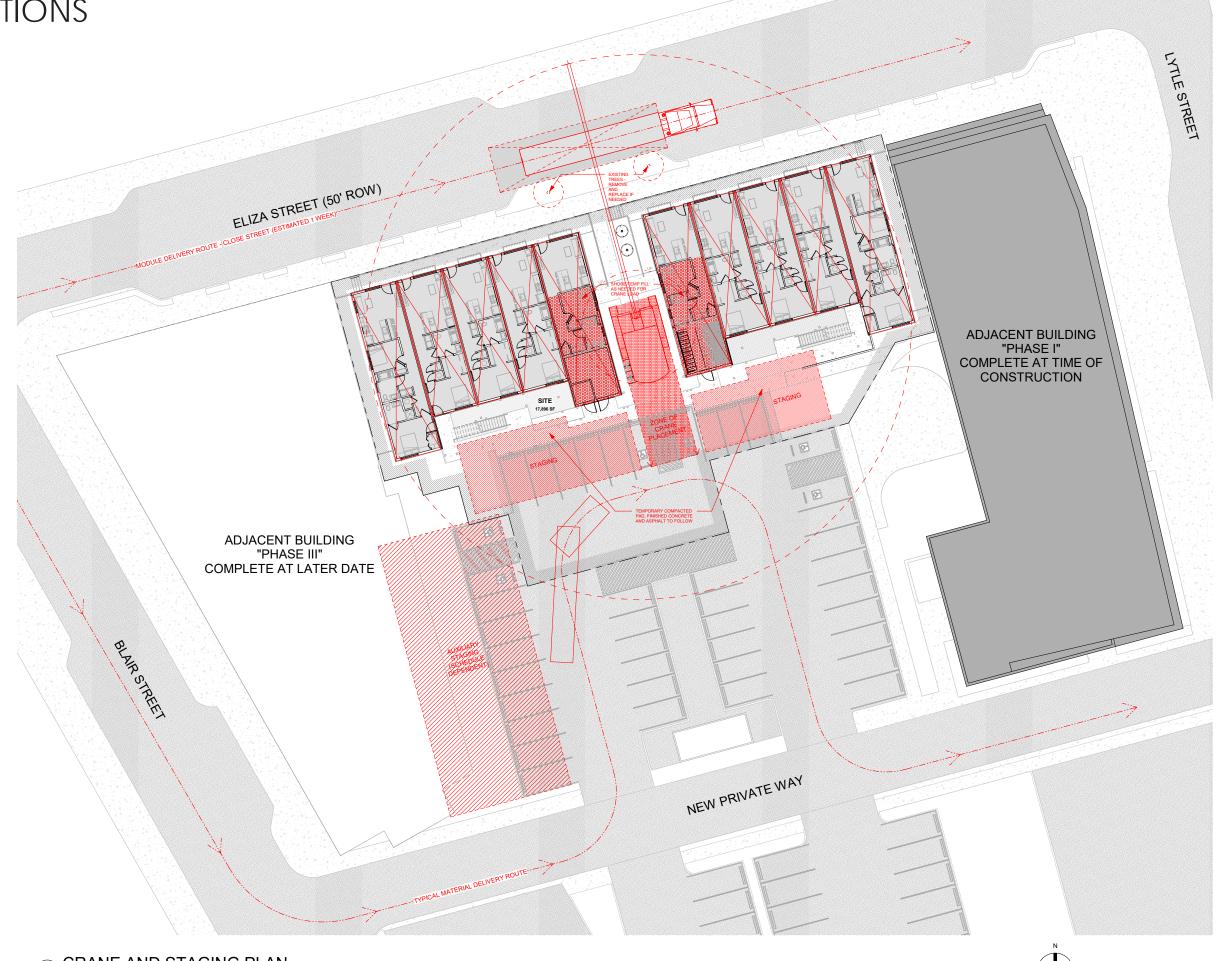




CONSTRUCTION OPERATIONS

Construction Sequencing

- Initial rough grading, utiltiles, and foundation installation will be approximately 4 months duration
- Off-site fabrication of modules will be concurrent with site work. Module installation on site will proceed after foundations are in place and sufficiently cured.
- Cladding installation, installation of panelized roof parapets, roof installation, balconies and stairs, final grading, planting, and concrete and paver flatwork will be completed after modules are installed
- Final utilty connection and tie-in, completion of leaveouts and remaining interior finishes, and installation of remaining FFE will be completed in unit interiors
- Final punch and closeout will be completed on site





CONSTRUCTION OPERATIONS

Material Loading/Routing

- Module deliveries along Eliza Street, to be closed for approximately two weeks
- Regular deliveries for all other material via shared parking accessed via private way

Crane

- A crane will be on site for approximately two weeks, to install modules
- Foundations will be braced or temporarily backfilled if needed, to shore against weight of loaded crane

Right-of-Way Work

- Two sanitary, one sewer, one fire and one domestic tap to Eliza Street will be installed during first phase of site work.
- The street will be closed for this work. Work will be coordinated to minimize total closure time.
- Public Work permits to be obtained for all ROW closures

On-Site Staging

- Designated staging areas to be used for job trailer, dumpsters for construction debris, and material staging for on-site construction
- If sequencing of Phase III allows, a portion of this site may be used for Phase II (proposed Project)
- Modules will be temporarily staged at an undeveloped property to be identified in the district. Modules will be covered and protected from the weather during this time, and visual nuisance will be minimized

Waste

- All waste from unit manufacturing will be disposed of off-site
- On-site disposal areas to be screened from view, emptied minumum once per week

Erosion Control

- Erosion and sedimentation control measures will be installed at site perimeter, as required per NPDES permit
- Filters will be installed at all storm sewer inlets

Neighborhood Impact

- Regular work ours will be during the daytime only, between approximately 7:00am and 5:00pm. The use of heavy equipment and loud tools will be focused after 8:00am. Night lighting will be only as needed for security and safety.
- Traffic and deliveries will be routed from the highway directly to the site, avoiding adjacent neighborhood streets
- Parking for contractors will be located elsewhere on Block 36, or adjacent unoccupied blocks
- Dust will be controlled by periodic watering, in conformance with Allegheny County code.

