CAMBRIDGE HOUSING AUTHORITY

REVITALIZATION OF JEFFERSON PARK FEDERAL

AFFORDABLE HOUSING OVERLAY SUBMISSION FEBRUARY 15,2022







AGENDA

LANDSC	CAPE, OPEN SPACE, INTERIOR AMENITIES	3
	Illustrative Landscape Plan	
	Materials Plan	
	Materials Board	
	Rendered Perspectives of Open Space	
	Architectural Floor Plans of Interior Amenities	
BUILDIN	NG DESIGN AND MATERIALS	25
	Rendered Perspectives of Buildings	
	Elevations	
	Perspectives	





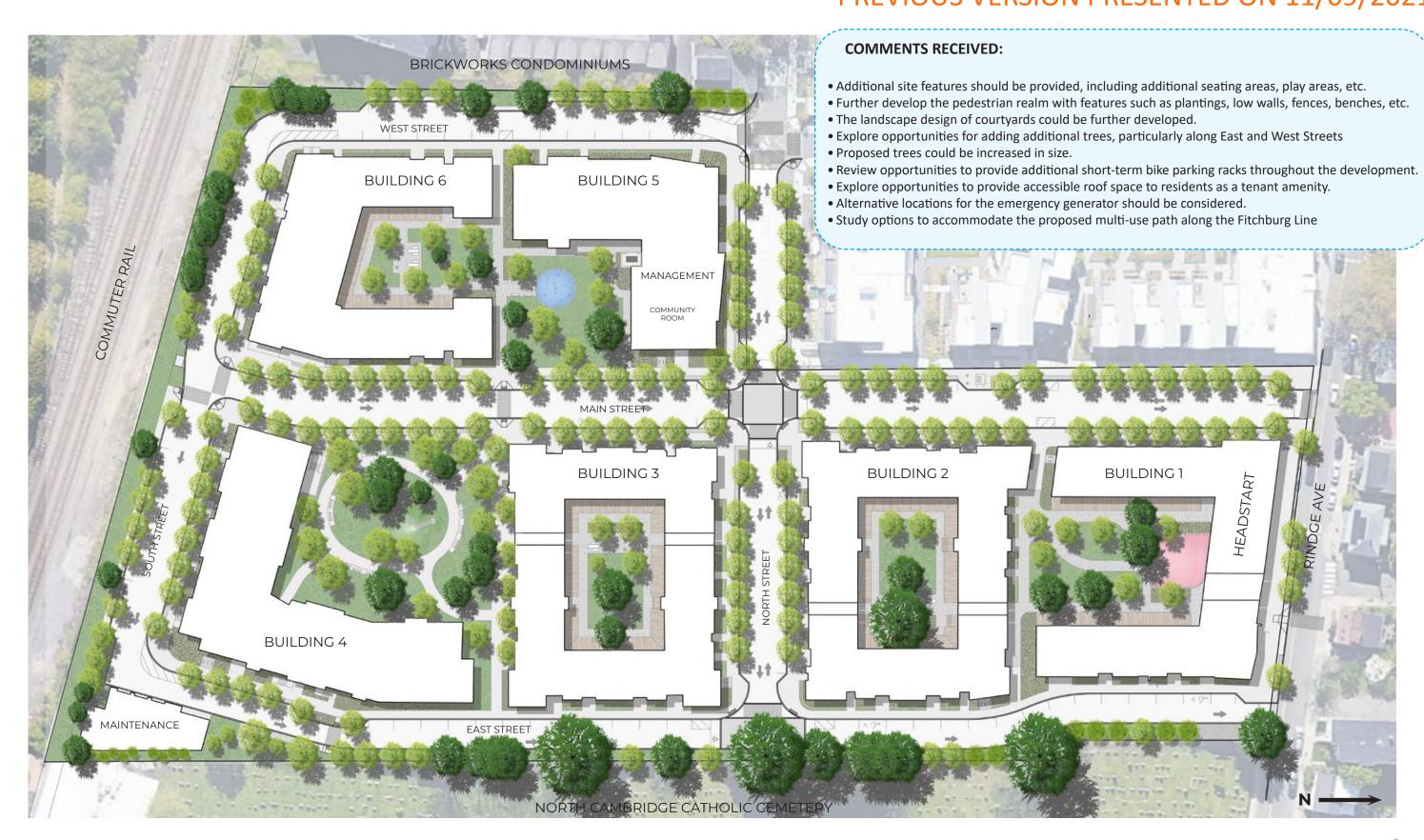
LANDSCAPE, OPEN SPACE, AND AMENITIES

LANDSCAPE PLANS, SITE SECTIONS, PERSPECTIVES, AND FLOOR PLANS





ILLUSTRATIVE LANDSCAPE PLAN PREVIOUS VERSION PRESENTED ON 11/09/2021







MATERIALS PLAN







MATERIALS BOARD



Cordia Bench
Forms+Surfaces
Solid cast aluminum frame with Jatoba hardwood
and central armrest
Length = 6 feet



Port
mmcite
Solid cast aluminum frame with Jatoba hardwood with
backrest and central armrest
Length = 6 feet



Tangent Table
Forms+Surfaces
Wheelchair accessible table with cast aluminum frame
and Ipe hardwood seats (no umbrella)
Table Length = 4 feet



Stepping Balls and Cubes Goric Age group: 2-12 Dimensions = varies



Embankment Slide with Climbing Rope
Kompan
Age group: 5-12, play capacity = 3
Dimensions = 13'3"x3'11"x2'8"



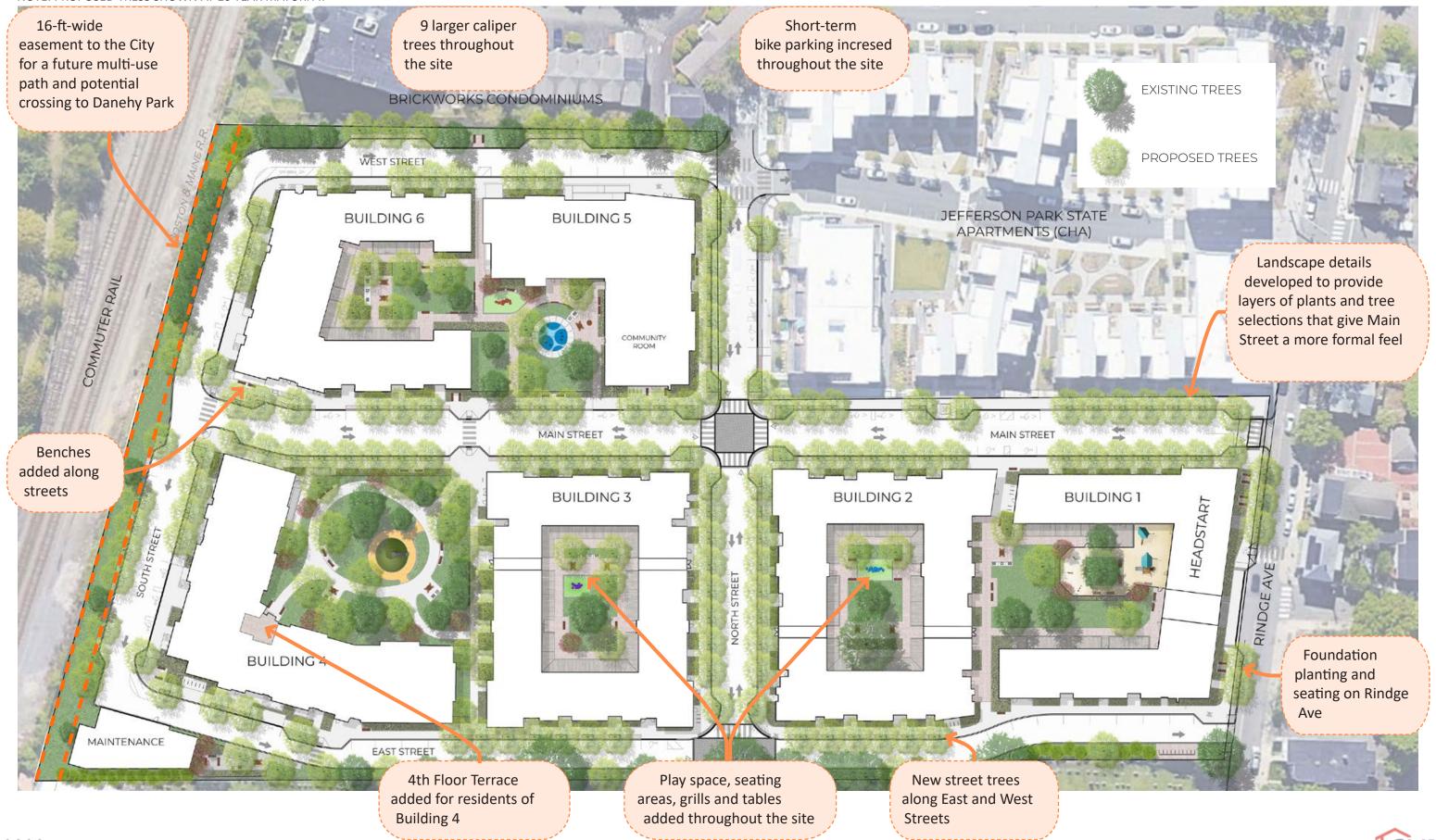
Dolphin SpringerKompan
Age group: 2-12, play capacity = 1
Dimensions = 3'3"x1'7"x2'3"





ILLUSTRATIVE LANDSCAPE PLAN

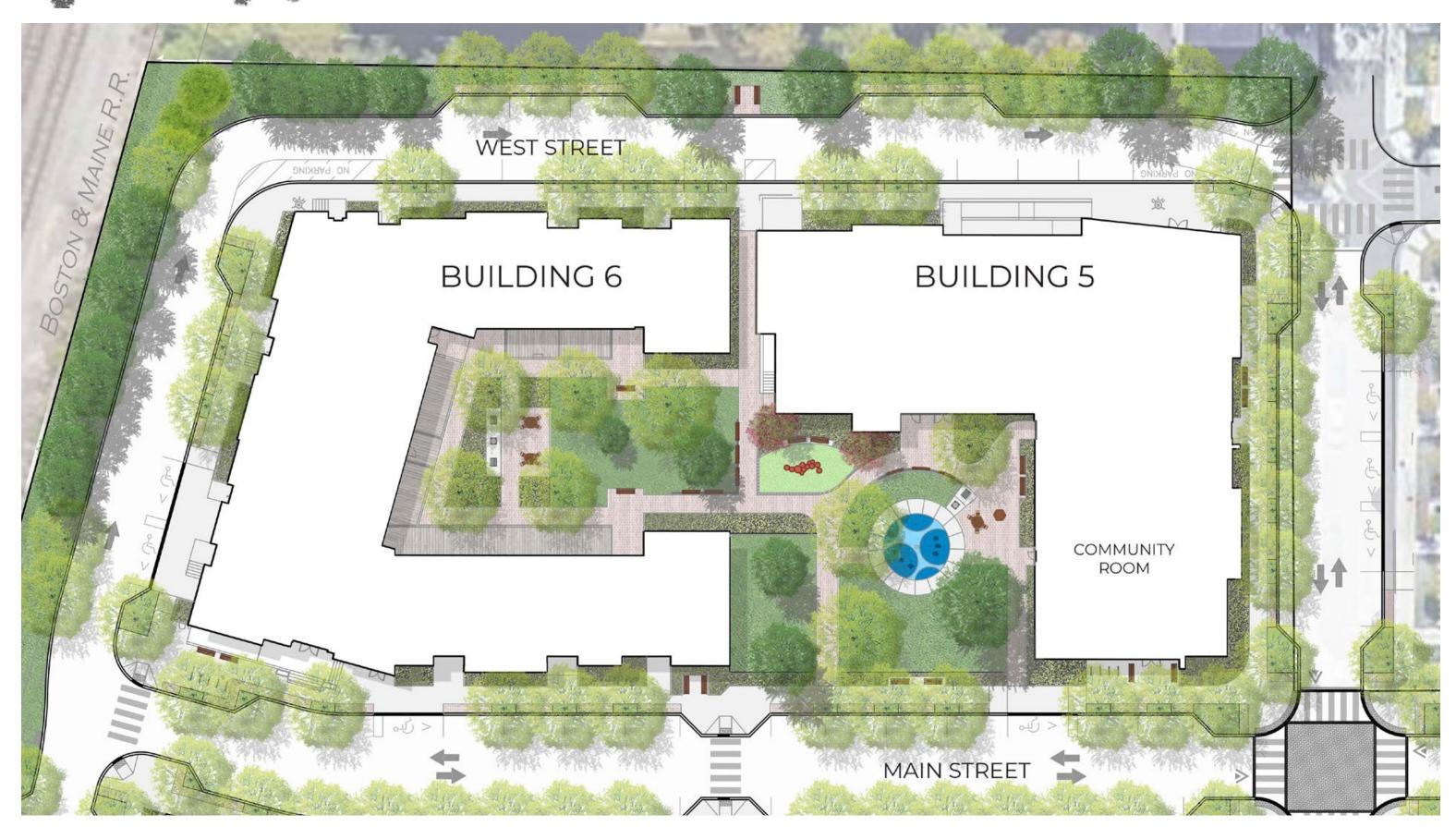
NOTE: PROPOSED TRESS SHOWN AT 10 YEAR MATURITY.



EXISTING TREES

TREES PROPOSED TREES

ILLUSTRATIVE LANDSCAPE PLAN



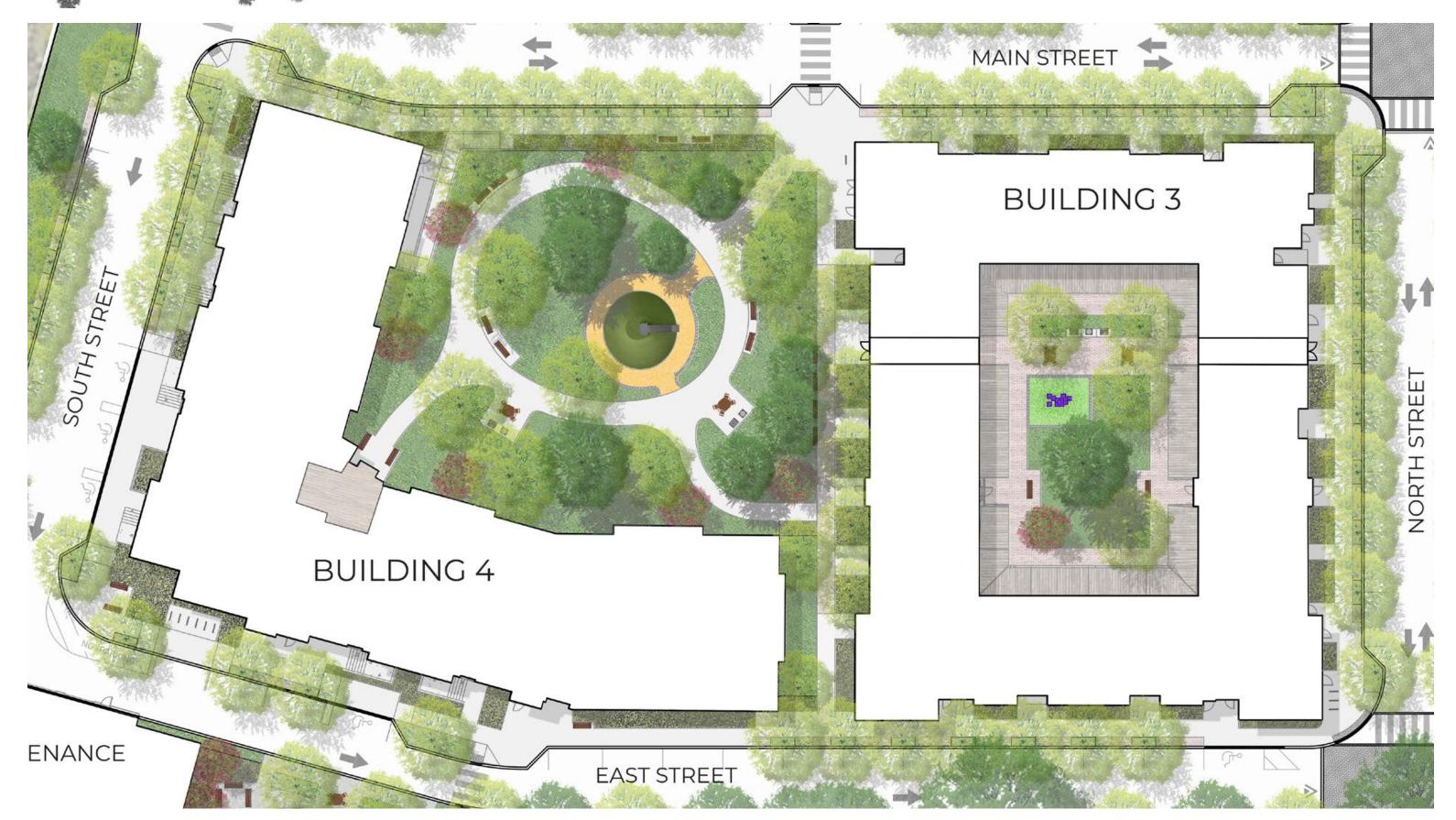




EXISTING TREES

PROPOSED TREES

ILLUSTRATIVE LANDSCAPE PLAN

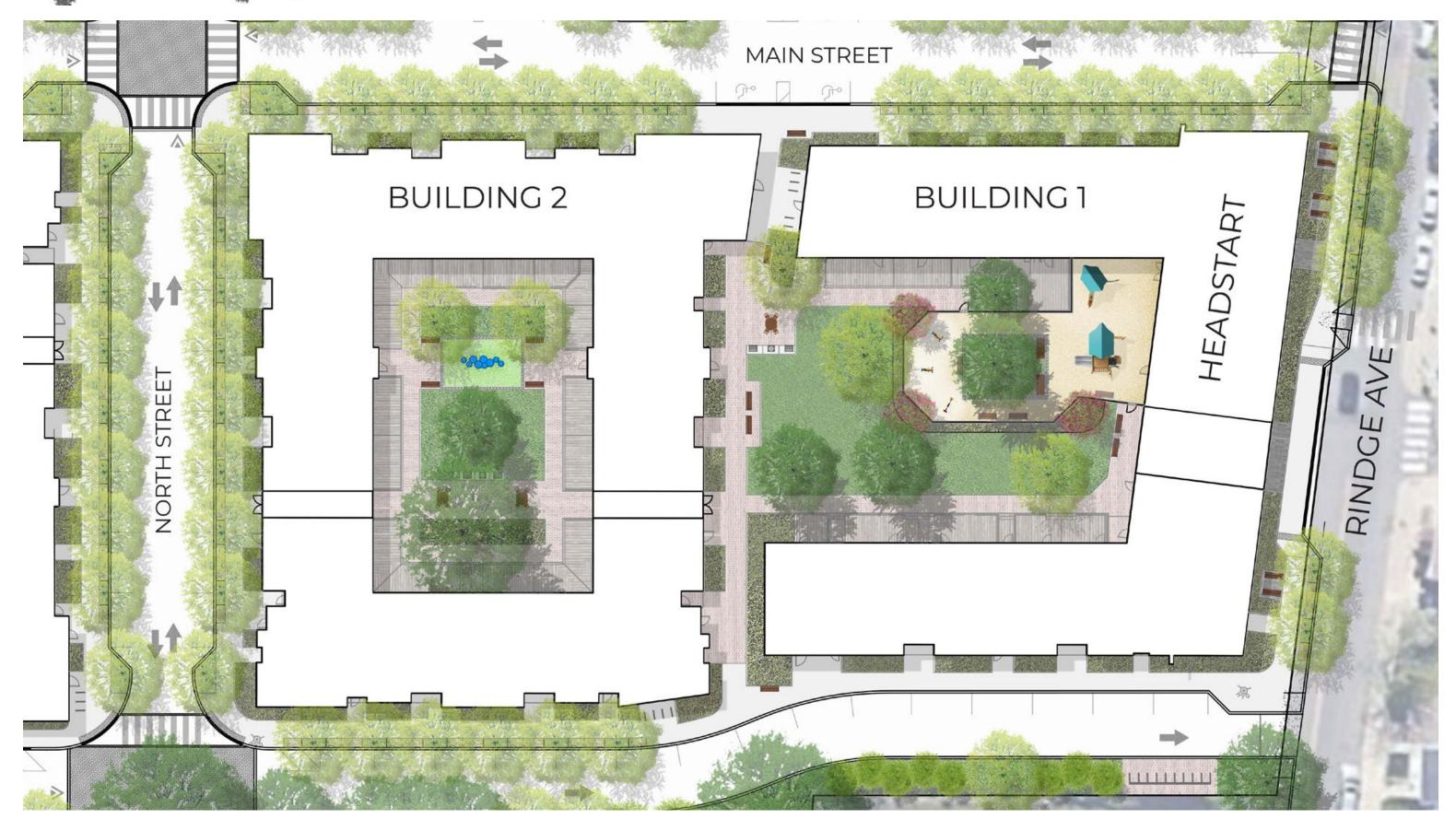








ILLUSTRATIVE LANDSCAPE PLAN







SITE SECTIONS

TYPICAL CONDITION ON MAIN ST

Layered facade shrub and perennial planting where space allows. Larger, low-maintenance, and spread species to provide buffer between first floor unit and street.

Diverse tree selection to maintain 10%-20%-30% forest resiliency goal. On Main St, tree selections will match both sides of the street between intersections and pedestrian crossings to give Main St greater design emphasis than secondary streets.

Seating along Main St.

STREET TREES Autumn Gold Ginkgo Greenspire Linden Green Vase Japanese Zelkova SHRUBS Blue Kazoo Spiraea Blue Shadow Fothergilla Compact Korean Azalea Cunningham's White

Rhododendron
Delaware Valley White
Azalea
Ivory Halo Dogwood
Scintillation Rhododendron
Shamrock Inkberry
Yuki Cherry Blossom Deutzia

PERENNIALS All Gold Hakone Grass Blue Star Bowles Variety Periwinkle Ingwersen's Variety Geranium Pink Pewter Deadnettle Rozanne Geranium Thriller Lady's Mantle

SITE PLAN



Residential	2.5'-6.5' Depth	6' Wide	3'x8'
Unit -	Facade	Sidewalk with	Street
Building 3	Planting Bed	Structural Soil	Tree P

Main Street
2 Lane Street with
Parking on both sides

3'x8' 6' Wide Street Sidewalk with Tree Pit Structural Soil

3' Depth, Bench Seating Community Play Area -Building 5



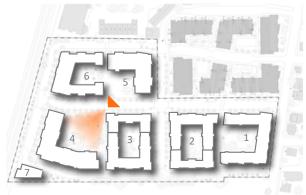


BUILDING 4 PARK (24,000 SF)

PREVIOUS 11/09/2021

COMMENTS RECEIVED:

- Additional site features should be provided to residents, including additional seating areas, etc.
- Further develop the pedestrian realm within the site with features such as additional plantings, low walls, fences, benches, etc.
- Proposed trees could be increased in size.
- Review opportunities to provide additional short-term bike parking racks throughout the development.
- Explore opportunities to provide accessible roof space to residents as a tenant amenity.
- Opportunities to increase indoor amenity space should be further explored.
- Further development of common entrances to Buildings 4, 5, and 6.
- The facades could use more articulation to minimize "blank wall" effects, improve the pedestrian experience at ground level and improve the overall aesthetic of the development.







UPDATE

NEW FEATURES:

- Additional seat wall at park edge.
- Two grill and table areas for residents added in the park.
- Low wall, plantings and benches help develop the pedestrian realm.
- Four 6-in caliper trees to be planted in the park.
- Additional short-term bike racks at park entrance.
- New terrace and fitness room on 4th floor and common room on 1st floor overlooking the park for residents of Building 4.
- More developed courtyard building entry to activate building corner and strengthen visual cues
- Further detailing of CMU facade adds patterns of texture and color to the pedestrian experience at the ground level.



BUILDING 4 PARK (24,000 SF)







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BUILDING 4 PARK (24,000 SF)



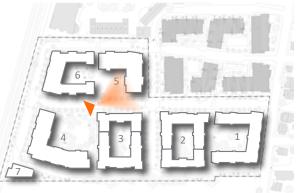


PREVIOUS 11/09/2021



COMMENTS RECEIVED:

- Additional site features should be provided to residents, including additional seating areas, etc.
- Further develop the pedestrian realm within the site with features such as additional plantings, low walls, fences, benches, etc.
- Proposed trees could be increased in size.
- Residential units on the second, third, and fourth floors of Building
 will overlook the emergency generator. Alternative locations should be considered.
- Review opportunities to provide additional short-term bike parking racks throughout the development.
- Opportunities to increase indoor amenity space should be further explored.
- Further development of common entrances to Building 5



BUILDING 5 PARK (10,000 SF)





UPDATE



NEW FEATURES:

- New seating around splash pad
- Low wall, plantings and benches help develop the pedestrian realm.
- One grill and table area (2 grills) for residents added in the park.
- Three 6-in caliper trees to be planted in the park.
- Relocated generator from park to roof.
- Additional short-term bike racks at entrance to community room and management office
- New fitness room for residents added next to community room overlooking the park.
- Resident entrance added to courtyard with colored panels signaling importance



BUILDING 5 PARK (10,000 SF)





UPDATE



NEW FEATURES:

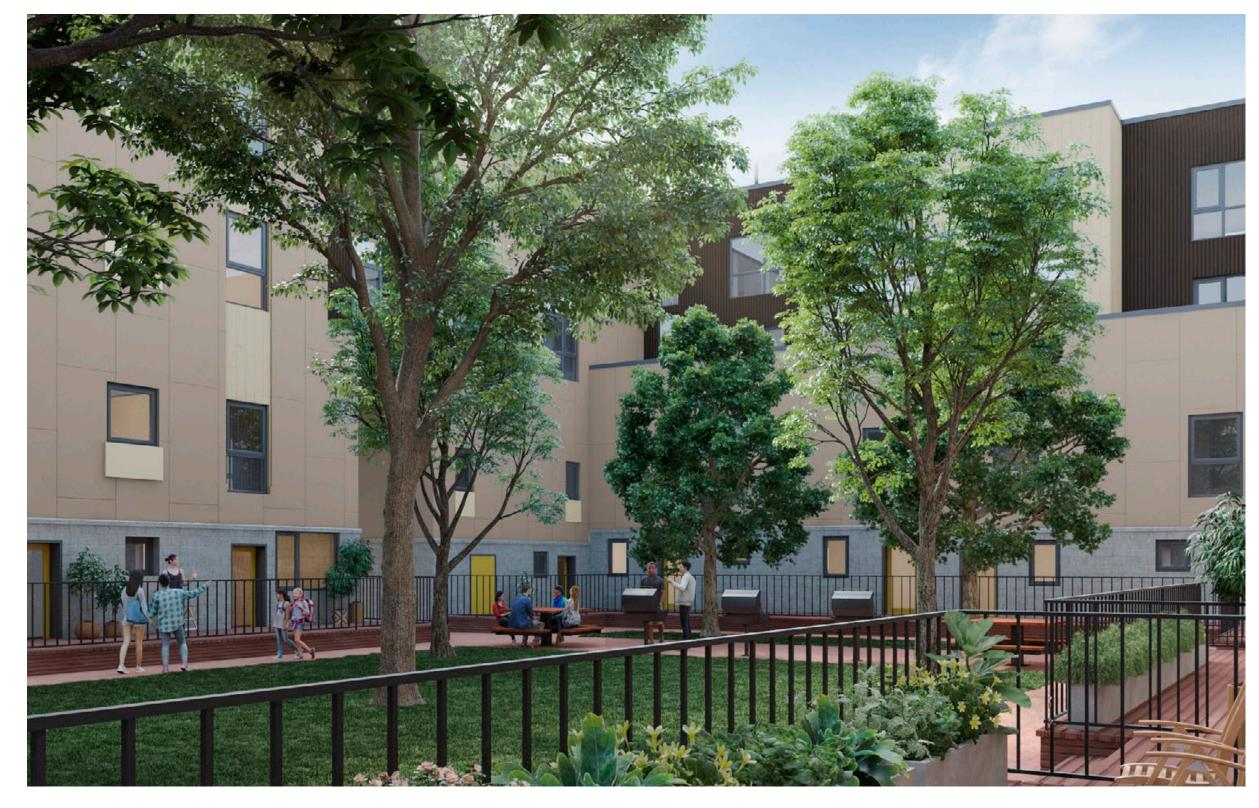
- New seating around splash pad
- Low wall, plantings and benches help develop the pedestrian realm.
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- Three 6-in caliper trees to be planted in the park.
- Relocated generator from park to roof.
- Additional short-term bike racks at entrance to community room and management office
- New fitness room for residents added next to community room overlooking the park.
- Resident entrance added to courtyard with colored panels signaling importance



BUILDING 5 PARK (10,000 SF)







PREVIOUS 11/09/2021

COMMENTS RECEIVED:

- Additional site features should be provided to residents, including additional seating areas, play areas, etc.
- The landscape design of courtyards could be further developed.
- Consideration should be given to increasing the privacy of the small private decks that line the perimeters of the courtyard by the use of opaque fences

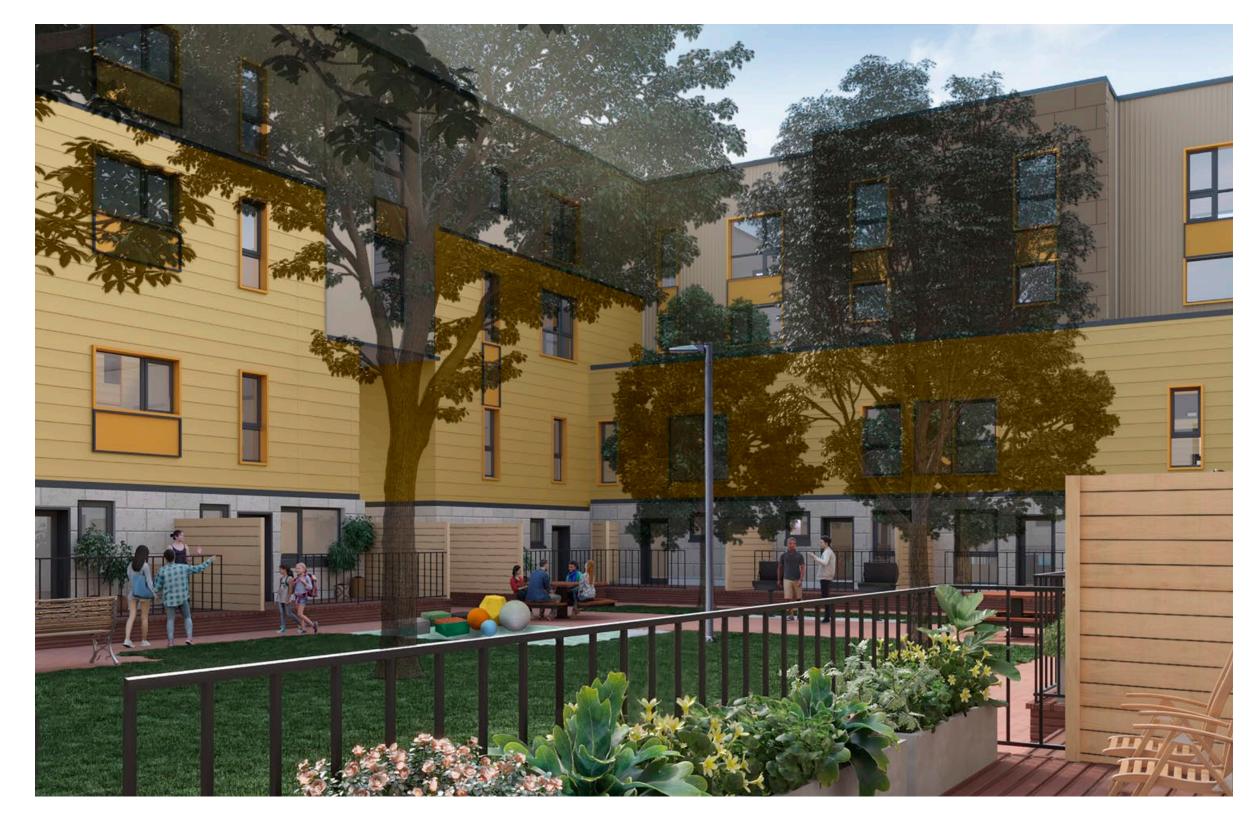


BUILDING 3 COURTYARD (8,000 SF)





UPDATE



NEW FEATURES:

- Additional play equipment and benches in every courtyard.
- Existing mature tree to be preserved.
- Wooden fences added between patios to make more private



BUILDING 3 COURTYARD (8,000 SF)



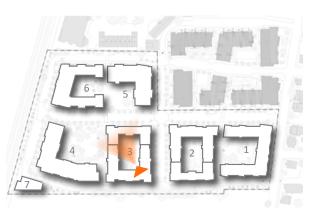


UPDATE



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- Existing mature tree to be preserved.
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BUILDING 3 COURTYARD (8,000 SF)





BUILDING 4 - FIRST FLOOR AMENITY SPACE

COMMUNITY ROOM

- 32 occupants max
- 352 sf

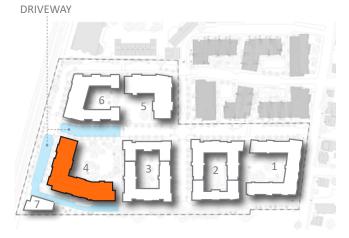
- 2 RESIDENT LOUNGE
- 9 occupants max
- 149 sf







NORTH EAST - FIRST FLOOR PLAN



PRIVATE





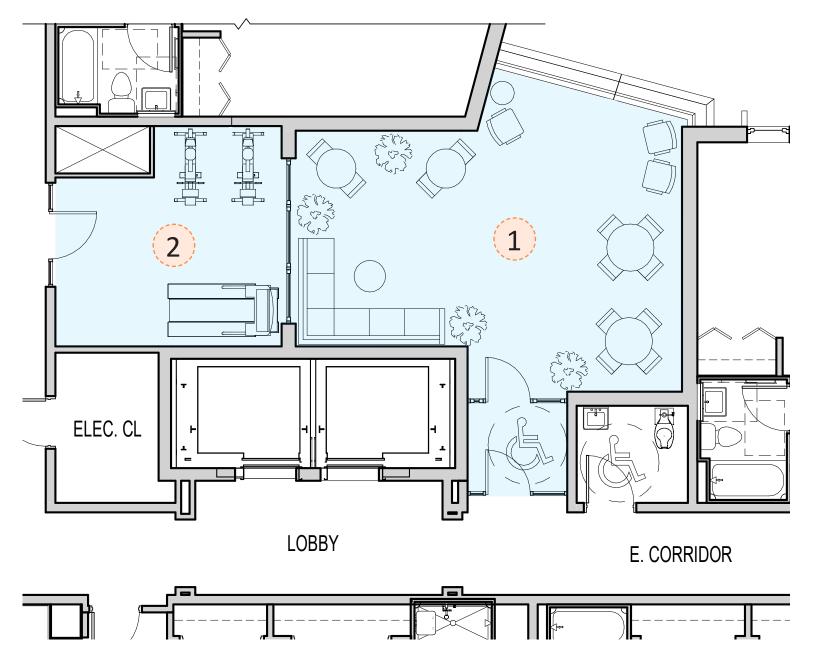
BUILDING 4 - FOURTH FLOOR AMENITY SPACE



- 407 sf
- •27 occupants max

2 FITNESS ROOM

- 180sf
- 3 pieces of equipment









BUILDING 4 - AMENITY SPACE





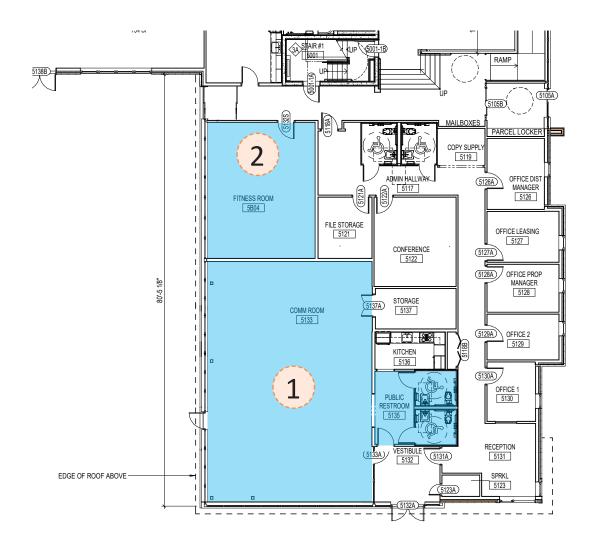


BUILDING 5 - AMENITY SPACE

L / COMMUNITY ROOM

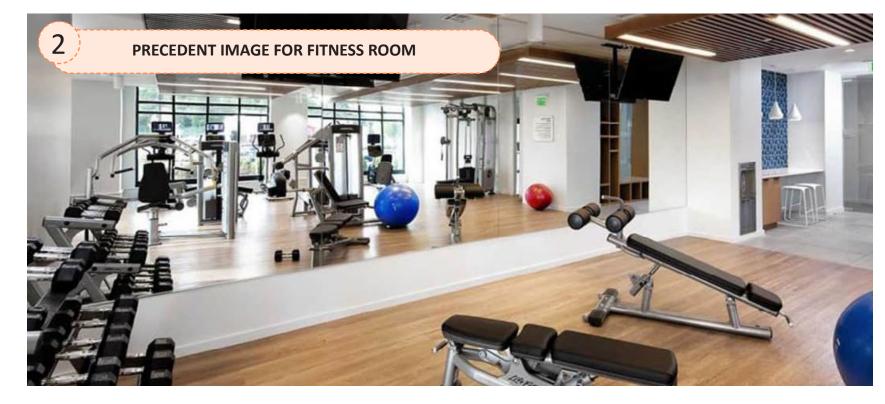
- 1,424 sf
- Flexible space for meeting, birthdays, etc.
- Computers

- FITNESS ROOM
- 506 sf
- Fitness space open to all JP resident with views onto park



1 PRECEDENT IMAGE FOR COMMUNITY ROOM





FIRST FLOOR PLAN









BUILDING DESIGN AND MATERIALS

PERSPECTIVES AND ELEVATIONS





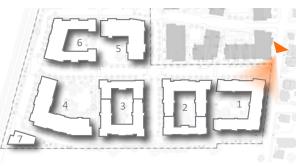


BUILDING 1 FROM RINDGE

PREVIOUS 11/09/2021

COMMENTS RECEIVED:

- Enhance the civic presence of the Rindge Avenue façade. Consider breaking up its length, and enhance the pedestrian scale and visual interest of its ground floor facing Rindge Avenue.
- As Jefferson Park's primary public face, the Rindge Avenue façade of Building 1 could respond more strongly to the street and the context buildings. More assertive vertical divisions that would break up the length of the façade to relate to the smaller scale of the houses on the opposite side of the street could be considered.
- The incorporation of a canopy along the top of the first-floor façade would emphasize the pedestrian scale of the setback along Rindge Avenue, help distinguish the first floor from the residential floors, emphasize the passage through to the building's courtyard, and enrich the Head Start facility.
- Consider reducing the amount of cementitious panel and EIFS proposed.
- The rooflines of the buildings lack visual interest, and opportunities to add cornices or other roof details should be explored.
- Further develop the pedestrian realm, front yards, building entrances within the site and in the Rindge Avenue frontage with features such as additional plantings, low walls, fences, stoops, benches, etc.
- Further development of first floor entrances to units and the passages through Buildings 1, 2, and 3.



VIEW 01



26



NEW FEATURES:

- Increased frequency of pleats make the undulations more prominent and create more assertive vertical divisions, creating a smaller scale that is reminiscent of bay windows on row houses to better compliment surrounding residential houses.
- Visual interest was added with colored window shadow boxes.
- The civic presence of this building was enhanced with expanded public art installation, prominent glazing at the bike room, and colorful paneling at the Head Start to reflect the unique program.
- Increased visual interest at the roofline with the addition of a cornice
- The pedestrian experience was enhanced with the addition of foundation plantings, benches and covered bicycle parking under the passthrough.
- Canopy was extended to distinguish first floor from residential floors above.
- Detailing breaks down the scale of the canopy.



BUILDING 1 FROM RINDGE VIEW 01

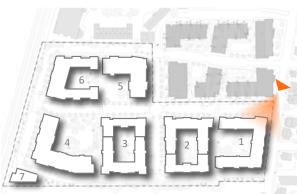






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BUILDING 1 FROM RINDGE





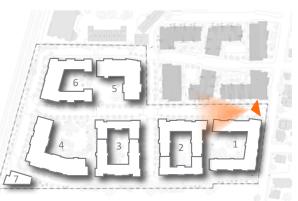


MAIN STREET LOOKING SOUTH

PREVIOUS 11/09/2021

COMMENTS RECEIVED:

- The elevations could be livened up by exploring the use of lighter window trim, different materials, more varied design approaches between the individual buildings.
- Further development of first floor entrances to units, including benches, lighting, projecting canopies, etc.
- For both appearance and durability, cementitious panels should be avoided on first floor facades.
- Consideration could be given to providing larger windows and/or windows grouped to create larger façade elements at the residential floors, and the precise design of mullion patterns and fenestration details.
- Facades along Main Street could be given greater design emphasis than the facades that face secondary ways within the development.
- To emphasize Main Street as the project's primary spine, consideration could be given to using streetwall massing and/or corner articulation to emphasize the difference between the north/south Main Street and the secondary perpendicular cross streets.
- More fully develop the details of the exterior walls of the development, including joint patterns, textures, and colors.



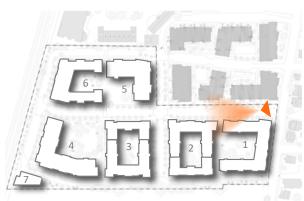






NEW FEATURES:

- Facades along Main Street are given greater design emphasis than the secondary streets with larger windows, more prominent window detailing and accent panels, sconces at unit entrances, and cast stone window and door surrounds.
- Corner massing articulation and window detailing has been added as a common language between differing buildings, with the greatest prominence along Main Street.
- Greater articulation of massing creates a rhythm along Main Street.
- Windows have been grouped within different materials to create larger façade elements and greater detailing has been added to the fenestration.
- Development of wall detailing for CMU and metal paneling to create unique patterns and textures.
- Building colors have been enhanced and colored shadow boxes were added around windows to liven up the elevations.



MAIN STREET LOOKING SOUTH

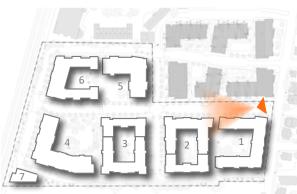






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- Development of wall detailing for CMU and metal paneling to create unique patterns and textures.
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MAIN STREET LOOKING SOUTH





PREVIOUS 11/09/2021



NORTH AND MAIN LOOKING EAST

COMMENTS RECEIVED:

- The facades could use more articulation to minimize "blank wall" effects, improve the pedestrian experience at ground level, and improve the overall aesthetic of the development.
- The elevations could be livened up by exploring the use of lighter window trim, different materials, more varied design approaches between the individual buildings.
- The proposed window-to-wall ratio is fairly low throughout the project. To give windows more presence, fenestration details, joint patterns of cladding materials, details of sills, jambs, and heads, elements that create shadows, etc. should be considered as ways to add visual interest and enhance the scale of openings.
- For both appearance and durability, cementitious panels should be avoided on first floor facades.
- Provide greater articulation at the fourth-floor façades
- The rooflines of the buildings lack visual interest, and opportunities to add cornices or other roof details should be explored.
- Facades along Main Street could be given greater design emphasis than the facades that face secondary ways within the development.
- To emphasize Main Street as the project's primary spine, consideration could be given to using streetwall massing and/or corner articulation to emphasize the difference between the north/south Main Street and the secondary perpendicular cross streets.







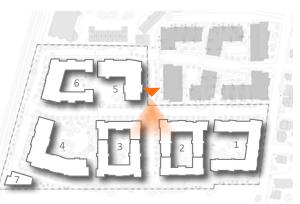




NORTH AND MAIN LOOKING EAST

NEW FEATURES:

- Facades along Main Street are given greater design emphasis than the secondary streets with larger windows, more prominent window detailing and accent panels, sconces at unit entrances, cast stone window and door surrounds, and greater scale of cornice details.
- Corner massing articulation and window detailing has been added as a common language between differing buildings, with the greatest prominence along Main Street.
- The pedestrian experience was enhanced with the addition of benches and detailing along the first-floor façade. Unique patterns in the color and texture of CMU on building 2 and the addition of rustic cast-stone blocks on building 3 greatly enhance pedestrian experience.
- Greater articulation of the fourth-floor facades are achieved through varying massing and materials on building 2, and creating a more traditional base-middle-top on building 3.
- Both buildings have added detailing to the rooflines with a cornice and a detailed relief band.
- Window presence is enhanced with greater detailing, colored shadow boxes, accent panels, and grouping within different materials.









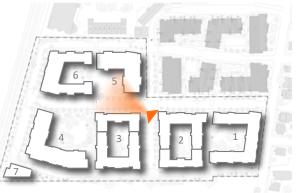
NORTH AND MAIN LOOKING EAST





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- Facades along Main Street are given greater design emphasis than the secondary streets with larger windows, more prominent window detailing and accent panels, sconces at unit entrances, cast stone window and door surrounds, and even greater scale of cornice details.
- Window presence is enhanced with greater detailing, colored shadow boxes, accent panels, and grouping within different materials.
- Visual interest was added to roofines by varying roof heights and adding cornice detailing.
- Further detailing of CMU façade adds paterns of texture and color to the pedestrian experience at the ground level.



NORTH AND MAIN ST LOOKING SOUTHWEST







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NORTH AND MAIN ST LOOKING SOUTHWEST



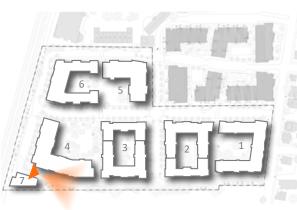




PREVIOUS 11/09/2021

COMMENTS RECEIVED:

- Consider reducing the amount of cementitious panel and EIFS proposed.
- More fully develop the details of the exterior walls of the development, including joint patterns, textures, and colors.
- Operable windows are shown as awning type. For greater flexibility and ventilation, consideration could be given to using "tilt/turn" windows.
- Further development of first floor entrances to units, including benches, projecting canopies, the design of raised stoops, and railings, etc.
- Explore opportunities for adding additional trees to the site, particularly along East and West Street.



BUILDING 4 EAST ST LOOKING NORTH

VIEW 05







NEW FEATURES:

- First floor entrances have been further developed with wood detailing to add warmth and visual connection between JP Fed and JP State.
- Operable windows have been changed to "tilt/turn" style windows
- Further detailing of CMU façade adds patterns of texture and color to enhance the pedestrian experience at the first floor.



BUILDING 4 EAST ST LOOKING NORTH

VIEW 05

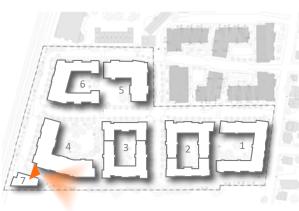






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BUILDING 4 EAST ST LOOKING NORTH

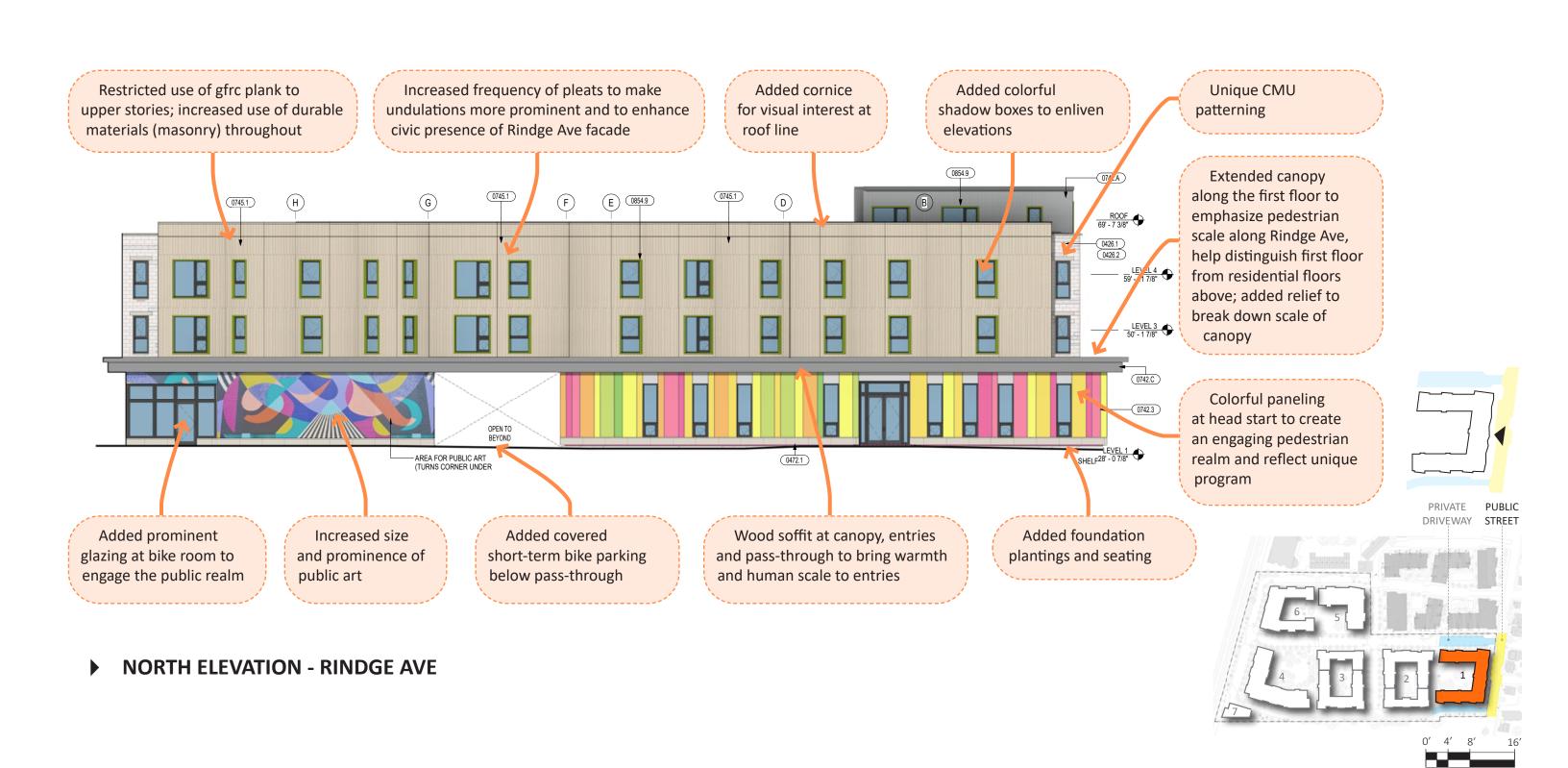
VIEW 05





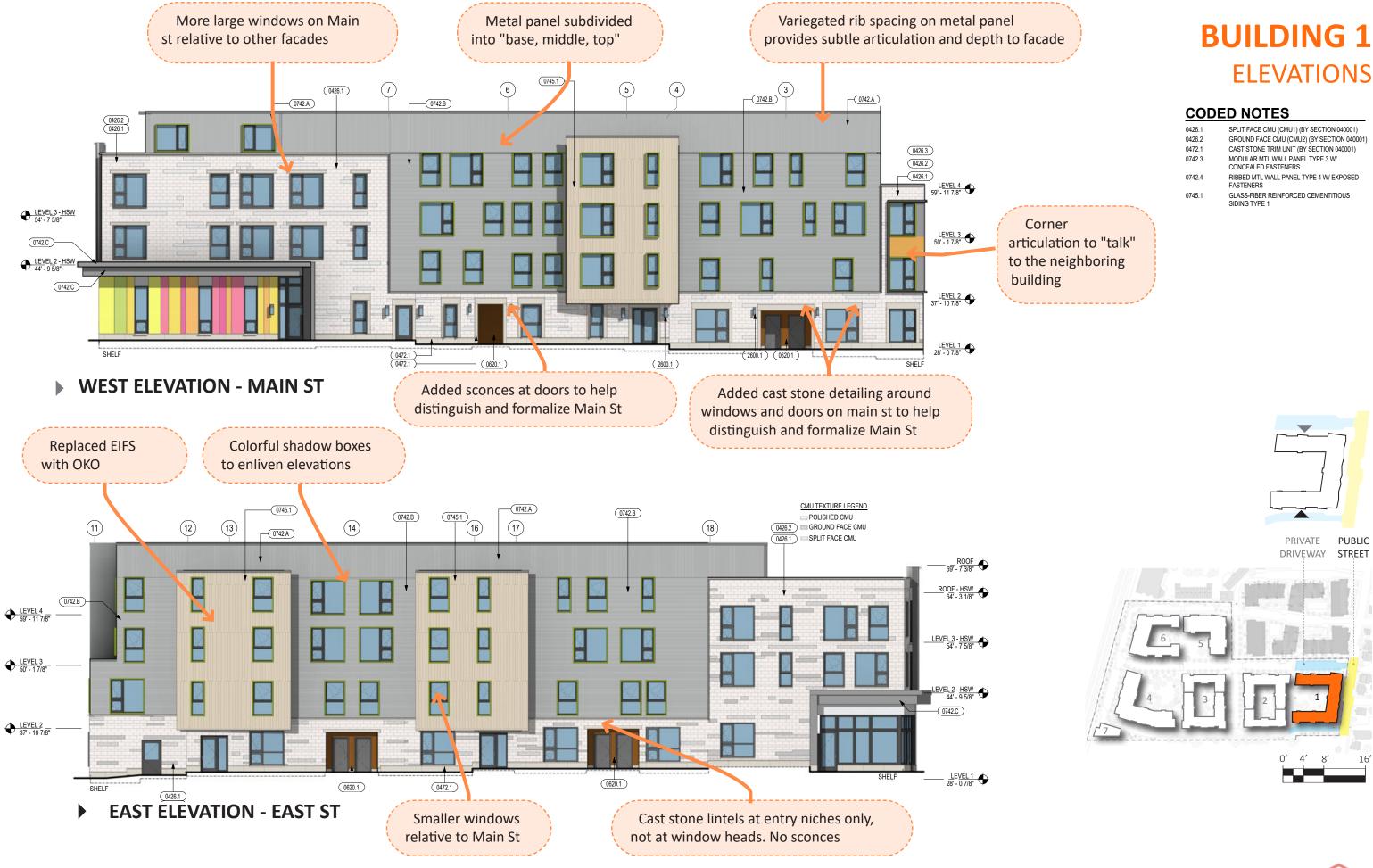


BUILDING 1ELEVATIONS







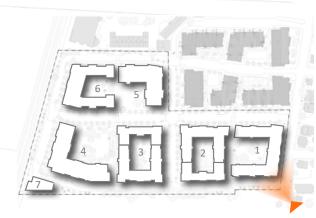






BUILDING 1 PERSPECTIVES









BUILDING 1

PERSPECTIVES











BUILDING 2 ELEVATIONS

CODED NOTES

CAST STONE TRIM UNIT (BY SECTION 040001) SHIPLAP SIDING - TRANSPARENT FINISH

FLAT MTL WALL PANEL (TYPE 1) W/ CONCEALED FASTENERS

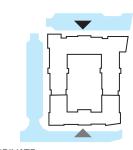
V-GROOVED MTL WALL PANEL (TYPE 2) W/ CONCEALED FASTENERS

MODULAR MTL WALL PANEL (TYPE 3) W/ CONCEALED FASTENERS 0742.3

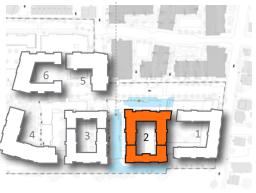
CORRUGATED/RIBBED MTL WALL PANEL (TYPE 4) W/ EXPOSED FASTENERS

COLOR KEY

- METAL PANEL FACADE COLORS: C1: BM 579 CLIFFSIDE PARK C2: SW SW9164 ILLUSIVE GREEN
- C3: BM 564 GUMDROP C4: CENTRIA 5444 AGED COPPER
- C5: SW SW6670 GOLD CREST C6: CENTRIA 9914 MIDNIGHT BRONZE
- CMU VENEER COLORS:
- C1: WHITE, GROUND FACE JANDRIS 5110 C2: GREY, GROUND FACE JANDRIS 9308



PRIVATE DRIVEWAY









BUILDING 2

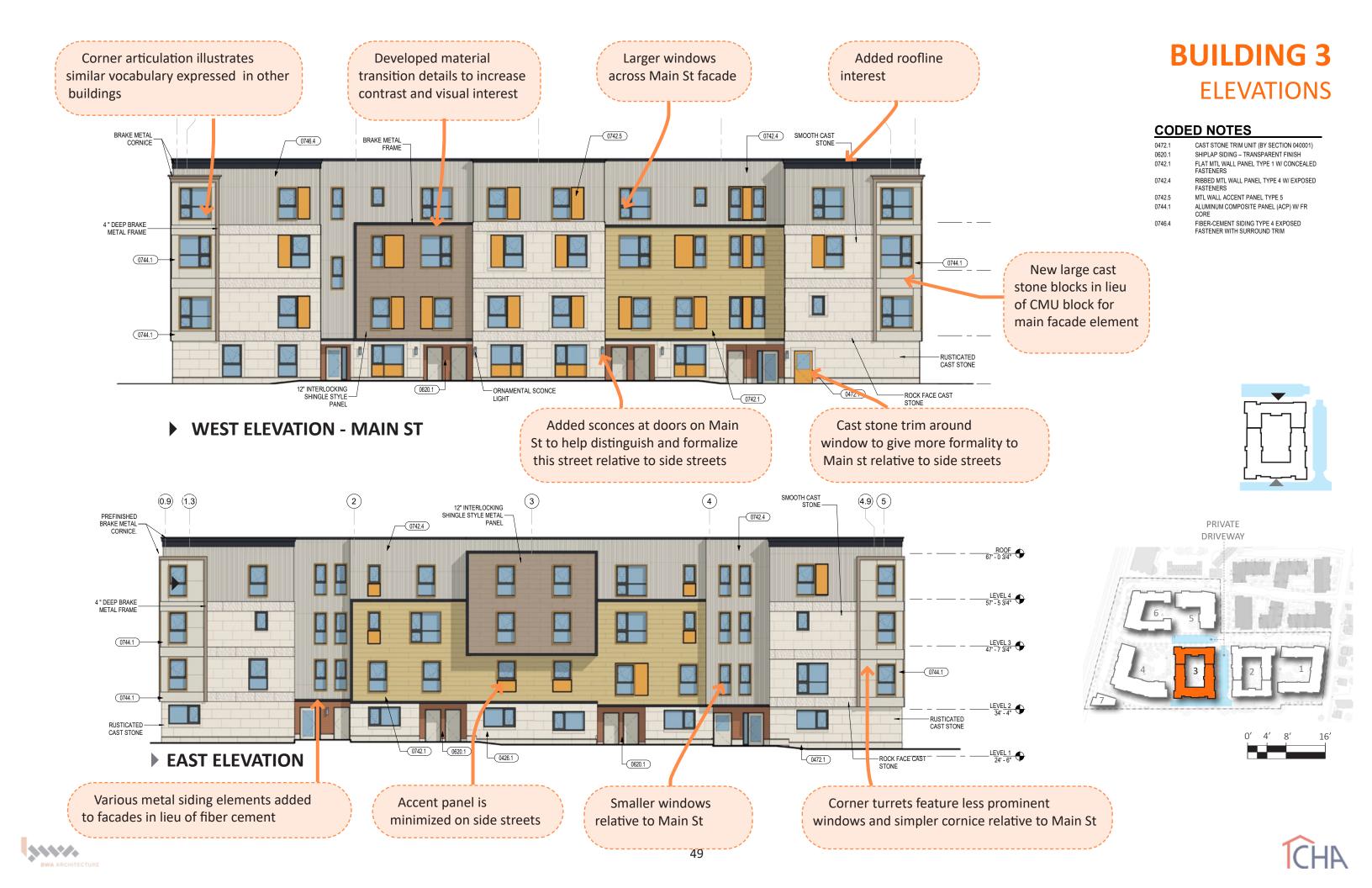
PERSPECTIVES











BUILDING 3 PERSPECTIVES









Added larger windows at prominent Restricted use of EIFS to less prominent Main Street views to give more formality recessed bays, relegated only to upper floors and continuity to Main Street CENTRIA INTERCEPT PANEL AT-WINDOWS, "COLONIAL RED" (4) CENTRIA WINDOW ATAS METAFOR WALL PANEL, ATAS METAFOR WALL-CENTRIA INTERCEPT 0742.4)-CORRUGATED BLUE 0742.5 — CORRUGATED, OFF-WHITE 0724.1 LT. GREY TRIM, "OFF-WHITE" "DOVE GRAY" VERTICAL PANEL, "DOVE GRAY" VERTICAL PANEL AT WINDOWS, "COLONIAL RED" HIGH POINT OF ROOF 67'-9" SMOOTH, 0742.5 FASHION GREY ROOF 66' - 3" ______LEVEL 4 WINDOW SHADOW _____LEVEL 3 CENTRIA INTERCEPT METAL CENTRIA INTERCEPT METAL LEVEL 2 LIGHT GREY CMU. LIGHT (0426.2) 0472.1 FASHION GREY 0724.1)-DARK GREY 0426.1 BLACK 0426.3 Additional detailing at windows to create a second layer of scale while increasing presence of windows **▶** WEST ELEVATION (COURTYARD)

(3)

(2)

BUILDING 4 ELEVATIONS

More developed courtyard building entry to activate building corner and strengthen visual cues. Added roof terrace to enhance public connection to courtyard and provide community space.







in three horizontal layers, CENTRIA INTERCEPT -ATAS METAFOR WALL "base, middle, top" PANEL AT WINDOWS, "COLONIAL RED" PANEL, "DOVE GRAY HIGH POINT OF ROOF VERTICAL CENTRIA INTERCEPT METAL PANELS, FASHION GREY LEVEL 4 Window fins to WINDOW SHADOW BOX enhance scale of opening 器器 LEVEL 3 47' - 6" CENTRIA INTERCEPT METAL PANELS, "SLATE GREY" CENTRIA INTERCEPT METAL PANELS VERTICAL "OFF WHITE 0472.1 200 More developed detailing at masonry to LIGHT 0426.2 add visual depth and

0742.4 CORRUGATED, OFF-WHITE

Facade subdivided

interest



More developed building corners with importance to the

Cast stone trim around

windows to give more formality

and continuity to Main Street

Main Street hierarchy



LIGHT GREY CMU,

0472.1







BUILDING 4

PERSPECTIVES

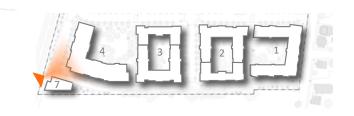






BUILDING 4 PERSPECTIVES













BUILDING 5PERSPECTIVES







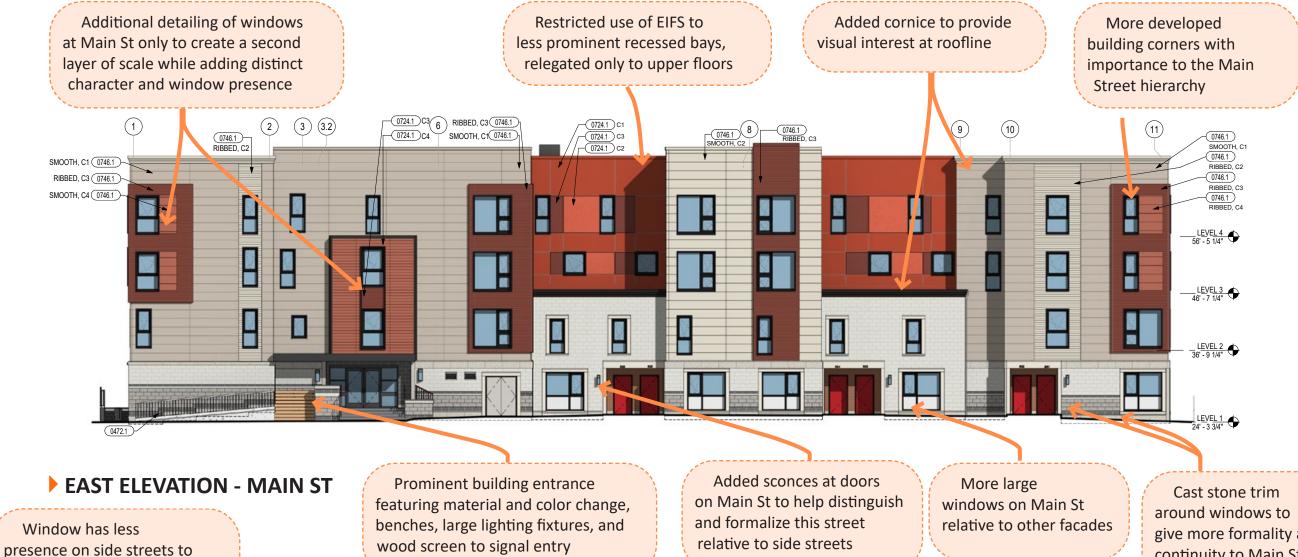
BUILDING 5PERSPECTIVES











relative to side streets

61

give more formality and continuity to Main Street

BUILDING 6 ELEVATIONS

CODED NOTES

0426.1 SPLIT FACE CMU (CMU1) (BY SECTION 040001) 0426.2 GROUND FACE CMU (CMU2) (BY SECTION

0426.3 POLISHED FACE CMU (CMU3) (BY SECTION

0472.1 CAST STONE TRIM UNIT (BY SECTION 040001) FIBER-CEMENT PANEL SIDING TYPE 1

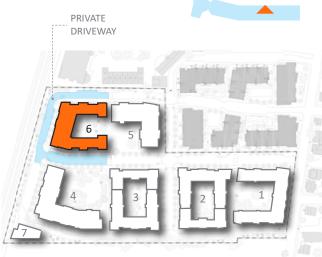
COLOR KEY

FIBER CEMENT FACADE COLORS C1: BM 997 BAJA DUNES C2: BM HC-84 ELMIRA WHITE

C3: BM 2005-10 RED ROCK C4: BM 1202 BAKED TERRA COTTA

C4. BM 1202 BARED TERRA COTTA
CMU VENEER COLORS:
C1: WHITE, GROUND FACE - JANDRIS 5110-G
C2: GREY, GROUND FACE - JANDRIS W-60
C3: GREY, SPLIT FACE - JANDRIS W-60
C4: BLACK, POLISHED FACE - JANDRIS 4540
EIFS COLORS:

C1: STO 32440







TYP. 0620.1

SOUTH ELEVATION - SOUTH ST

enhance prominence of Main

St at primary spine

C4 0426.3 C2 (0426.2) C3 (0426.1) C4 (0426.3)

> Cast stone lintel only on side streets

Added additional wood detailing at unit entries to add additional warmth while visually connecting to JP Fed and JP State

BUILDING 6 PERSPECTIVES







PREVIOUS PRESENTED ON 11/09/2021



AERIAL VIEW 1







AERIAL VIEW 1



