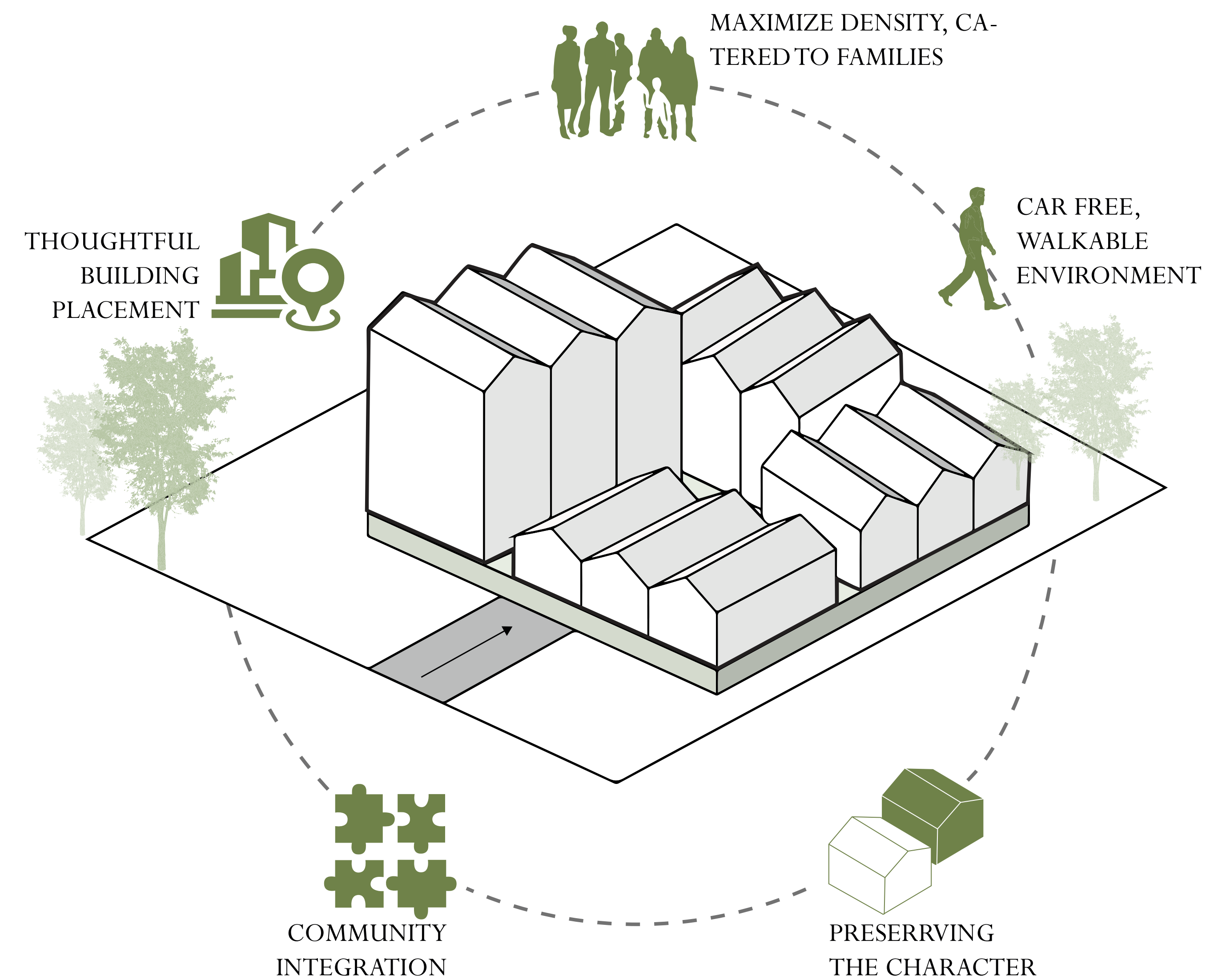


# RISE AT WEST BENCH

COMMUNITY DESIGN LAB FOR NEIGHBORHOOD HOUSING

THIS PROJECT ESTABLISHES AN AFFORDABLE AND SUSTAINABLE HOUSING COMMUNITY LIFTED ABOVE AN ELEVATED PARKING PODIUM TO CREATE A SAFER, MORE CONNECTED LIVING ENVIRONMENT. BY REMOVING VEHICLES FROM THE GROUND PLANE, THE DESIGN FORMS A PROTECTED, PEOPLE-FIRST REALM WHERE NEIGHBORS CAN GATHER, PLAY, AND BUILD MEANINGFUL RELATIONSHIPS. THE ELEVATED PODIUM BECOMES THE FOUNDATION FOR A RESILIENT WEST BENCH NEIGHBORHOOD THAT BLENDS SCANDINAVIAN CLARITY WITH BOISE-ROOTED LIVABILITY, OFFERING A SHARED COURTYARD AND WALKABLE CONNECTIONS THAT STRENGTHEN DAILY LIFE. TOGETHER, THESE STRATEGIES ENHANCE SAFETY, SUPPORT LONGTERM AFFORDABILITY, AND CULTIVATE A STRONG, COMMUNITY-CENTERED IDENTITY FOR BOISE'S WEST BENCH.



## GOALS

IN REFERENCE TO THE IMAGE ABOVE

1. CREATE A SAFE, CAR-FREE ENVIRONMENT FOR RESIDENTS BY PLACING PARKING IN AN UNDERGROUND PAVILION AND KEEPING DAILY MOVEMENT FOCUSED ON PEOPLE, NOT VEHICLES.
2. MAXIMIZE SITE DENSITY BY PROVIDING 12 THOUGHTFULLY SIZED UNITS MOST WITH MULTIPLE BEDROOMS TO SUPPORT FAMILIES CONNECTED TO NEARBY SCHOOLS.
3. BLEND WITH THE EXISTING NEIGHBORHOOD CHARACTER WHILE INCORPORATING MODERN, SUSTAINABLE, AND AFFORDABLE MATERIALS AND CONSTRUCTION METHODS.
4. ARRANGE BUILDINGS TO OPTIMIZE SUNLIGHT, SAFETY, AND COURTYARD SPACE, USING HEIGHT AND PLACEMENT TO PROTECT THE INTERIOR FROM TRAFFIC AND ENHANCE NATURAL LIGHT.
5. STRENGTHEN COMMUNITY CONNECTION BY INTEGRATING SHARED AMENITIES LIKE A LOCAL COFFEE SHOP AND GATHERING SPACE THAT WELCOME BOTH RESIDENTS AND NEIGHBORS.

## PRECEDENTS



EUROPEAN LIVING CITY

KEY TAKEAWAY: THE FRAMED COURTYARD AND PITCHED ROOFS.



HEERS CASTLE, BELGIUM

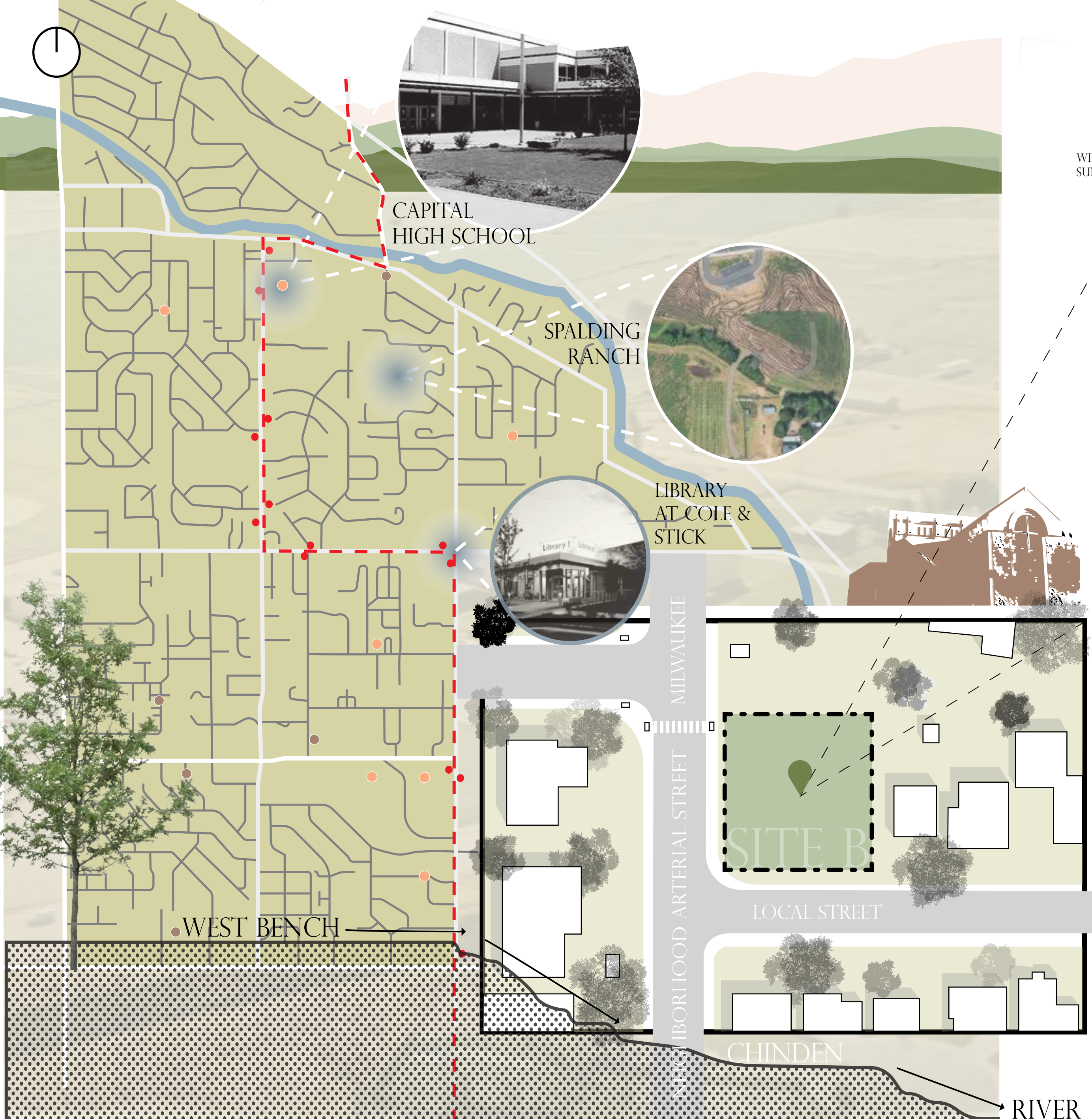
KEY TAKEAWAY: SUSTAINABLE DESIGN METHODS AND COMMUNITY LIVING.



ZEN PODS, ENGLAND

KEY TAKEAWAY: BUILDING LIVING SPACES ON TOP OF PARKING SPACES.

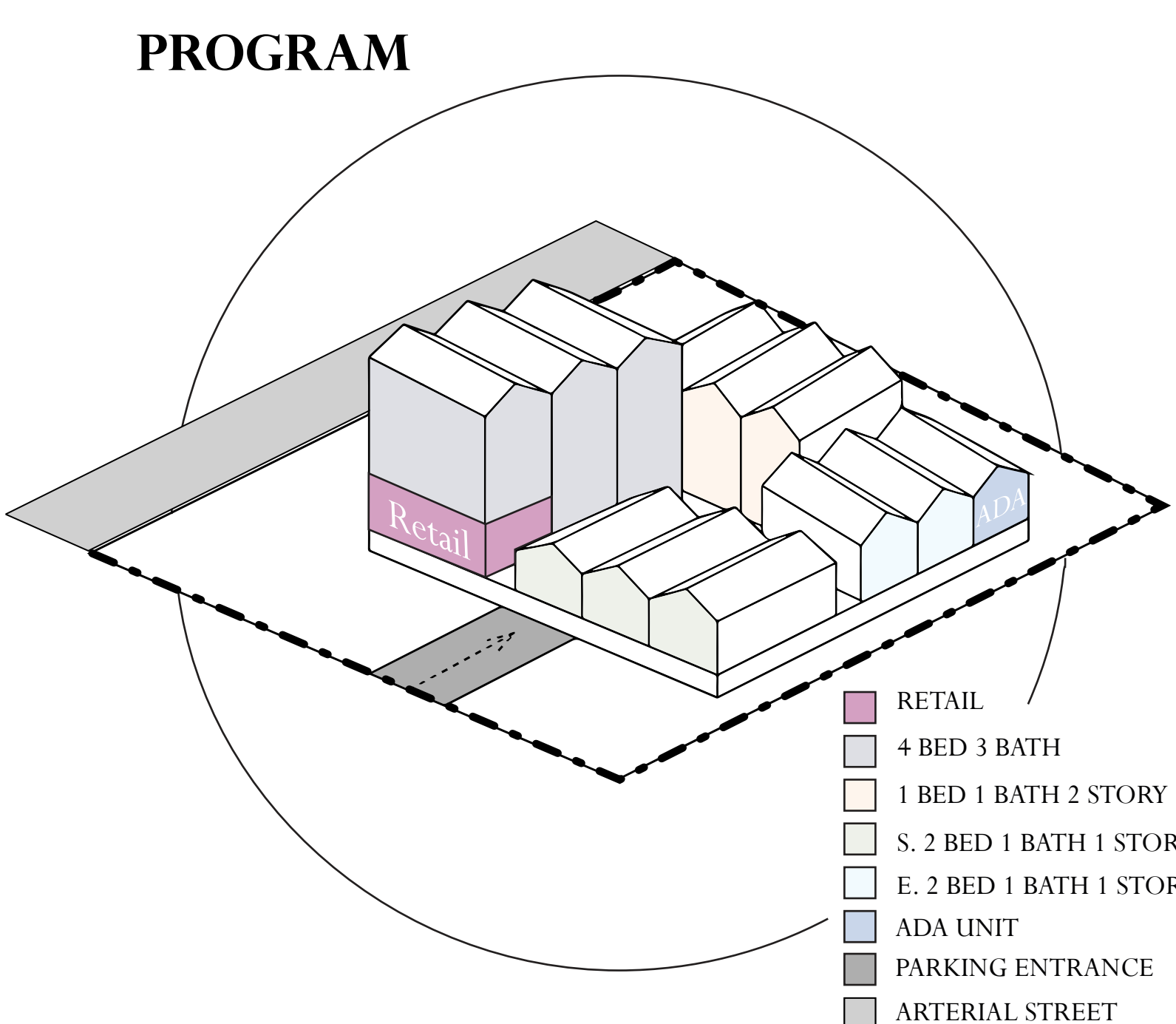
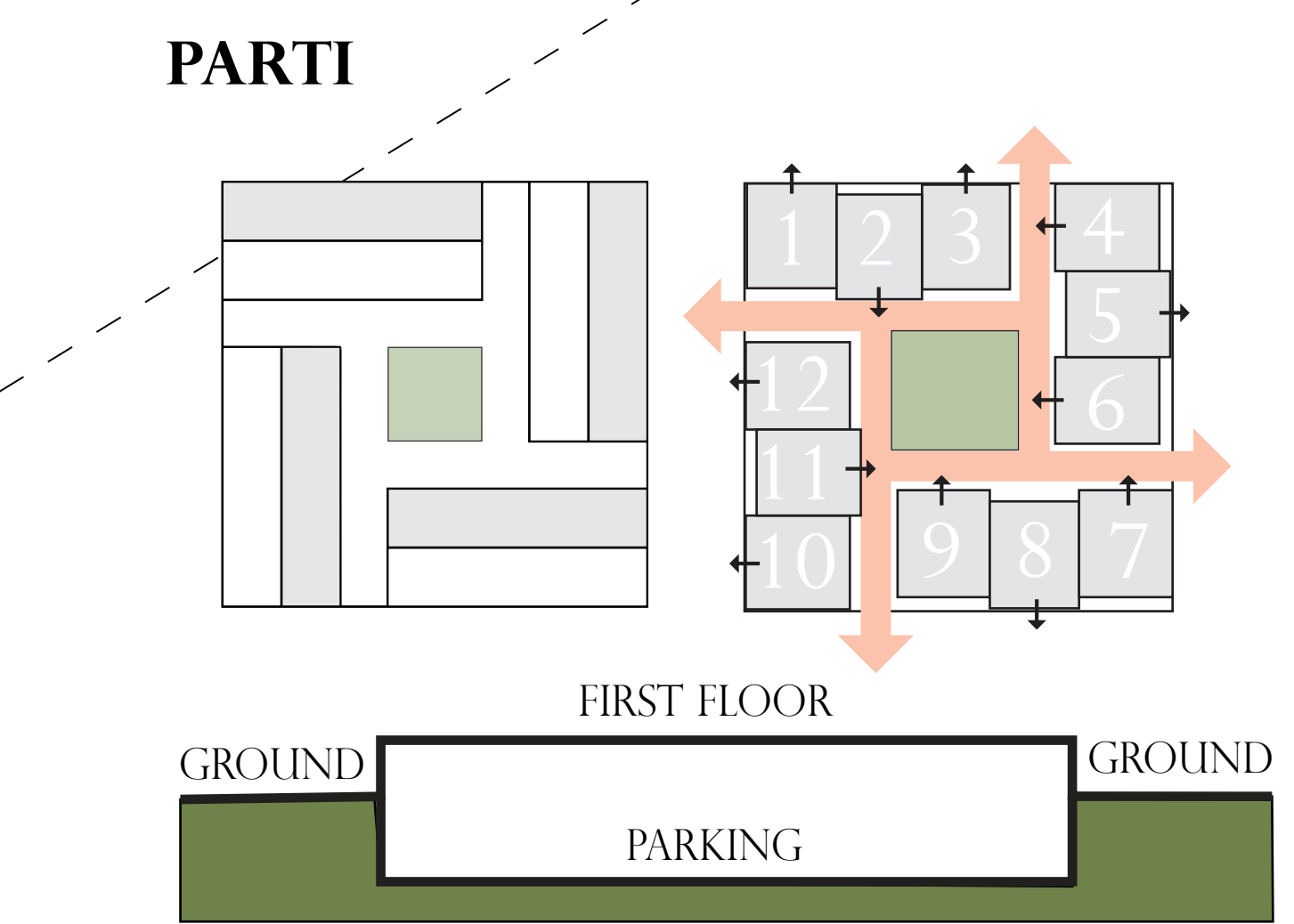
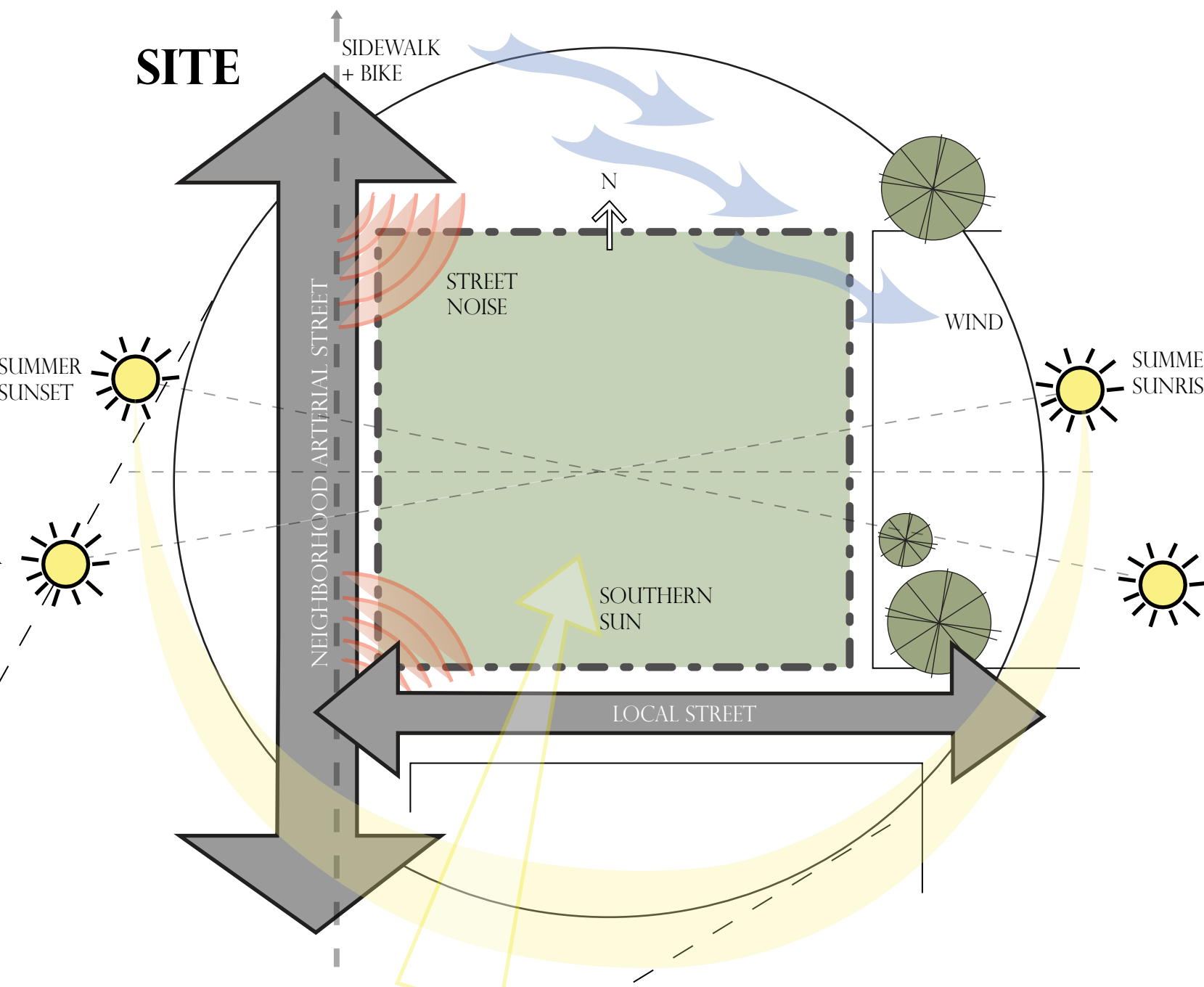
# WEST BENCH BOISE, ID



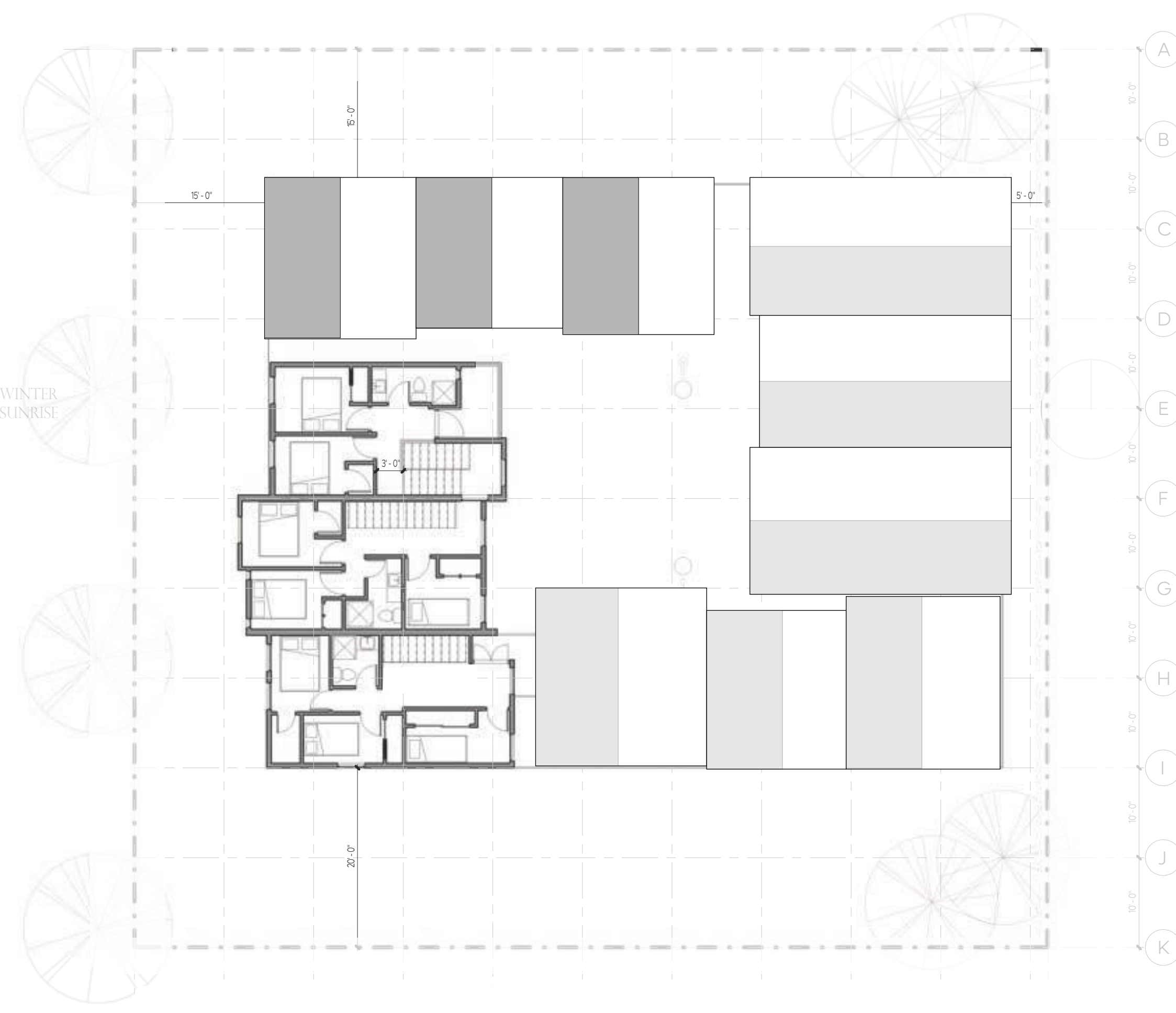
- LEGEND**
- SCHOOL
  - CHURCH
  - BUS STOP
  - SITE
  - WEST BENCH SECTION CUT
  - WEST BENCH
  - EXISTING BUILDINGS
  - NEIGHBORHOOD ROADS
  - SETTLERS CANAL
  - - - BUS 21 ROUTE

**LOCAL COMMENTS**

WHEN SPEAKING WITH WEST BENCH NEIGHBORS ABOUT INFILL ON A CORNER LOT, A CLEAR THEME EMERGED: PEOPLE WANT NEW DEVELOPMENT THAT RESPECTS AND PRESERVES THE CHARACTER AND QUALITY OF THE NEIGHBORHOOD THEY ALREADY LOVE. THEY'RE LOOKING FOR WALKABLE, BIKE-FRIENDLY PLACES WITH SMALL SHOPS, QUALITY RETAIL, AND NEIGHBORHOOD-SERVING COMMERCIAL SPACES THAT FEEL AUTHENTICALLY ROOTED IN THE COMMUNITY. ABOVE ALL, THEY WANT SIMPLE, EVERYDAY OPPORTUNITIES FOR NEIGHBORS TO CONNECT CLOSE TO HOME, PLACES WHERE YOU NATURALLY RUN INTO FAMILIAR FACES, MUCH LIKE THE DESTINATIONS THAT ALREADY MAKE WEST BENCH SPECIAL, INCLUDING SPALDING RANCH, FAIRMONT POOL, THE WEST BENCH LIBRARY, NEARBY PARKS, AND THE ESTABLISHED RESIDENTIAL STREETS THAT DEFINE THE AREA'S IDENTITY.



**THIRD FLOOR**  
SCALE: 1" = 12' - 0"



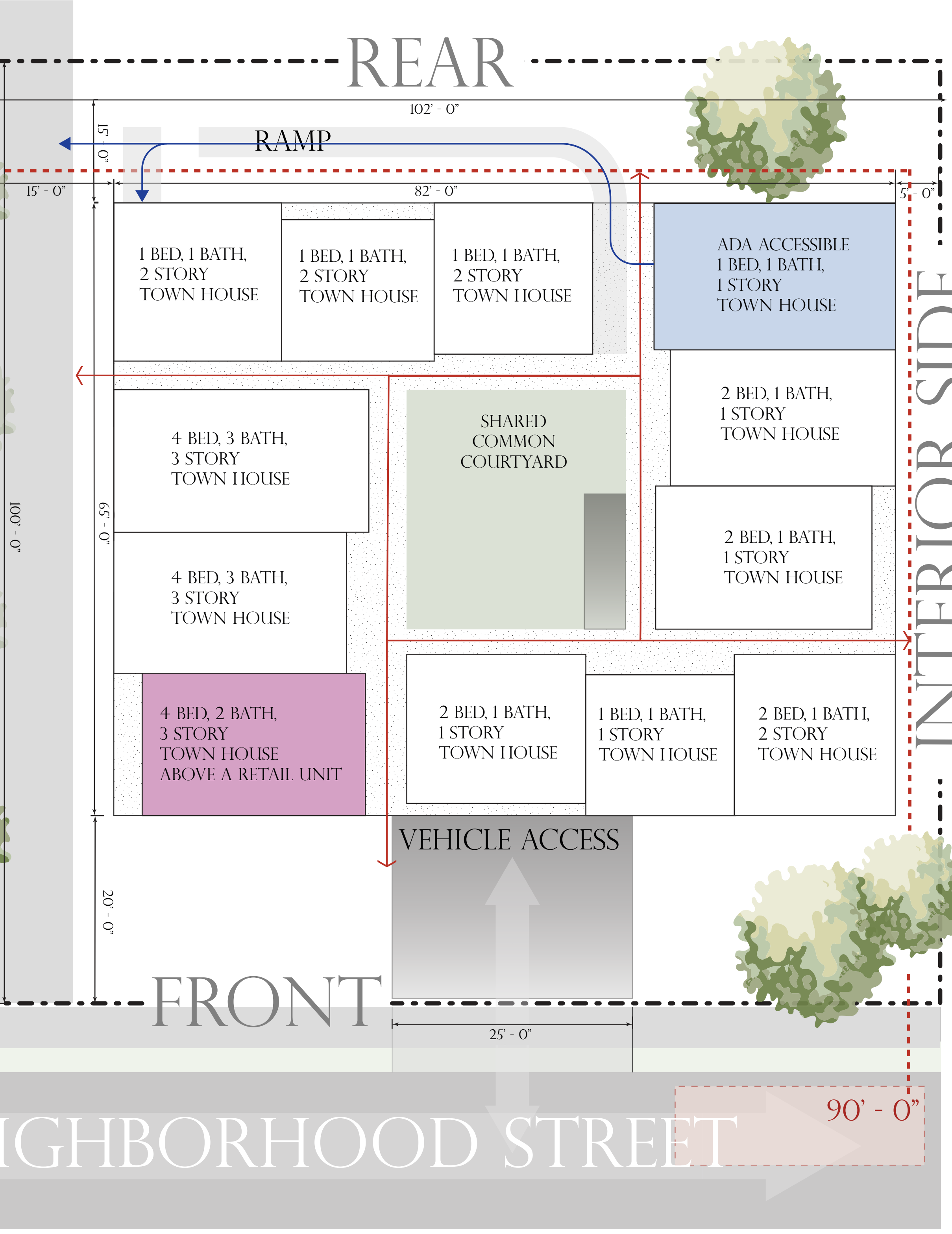
**SECOND FLOOR**  
SCALE: 1" = 12' - 0"



ARTERIAL STREET

105' - 0"

STREET SIDE



FRONT

NEIGHBORHOOD STREET

INTERIOR SIDE

**LEGEND**

- ACCESS TO PARKING BELOW
- SHARED COURTYARD
- STREET
- SIDEWALK
- CONCRETE PODIUM
- LANDSCAPE BUFFER
- ACCESSIBLE UNIT
- RETAIL UNIT
- FIRE TRUCK
- ESCAPE ROUTE
- FIRE TRUCK LADDER ACCESS
- GARBAGE
- RECYCLE
- ACCESSIBLE ROUTE TO ACCESSIBLE UNIT

**R1-C BASE STANDARDS**

LOT SIZE: 5330  
 PROPOSED UNITS ON LOT: 12  
 12 TOWN HOUSES.

MAX HEIGHT: ALLOWABLE: 3 STORIES NOT TO EXCEED 40' - 0"  
 PROPOSED: 3 STORIES + PARKING PODIUM  
 MAX HEIGHT 40' - 0"

CORNER LOT:  
 STREET FRONTAGE MINIMUM: 20' - 0"  
 PROPOSED: 20' - 0"  
 REAR YARD MINIMUM: 15' - 0"  
 PROPOSED: 15' - 0"  
 SIDE YARD MINIMUM: 15' - 0"  
 PROPOSED: 15' - 0"  
 FRONT MINIMUM WITH PARKING: 20' - 0"  
 PROPOSED: 20' - 0"

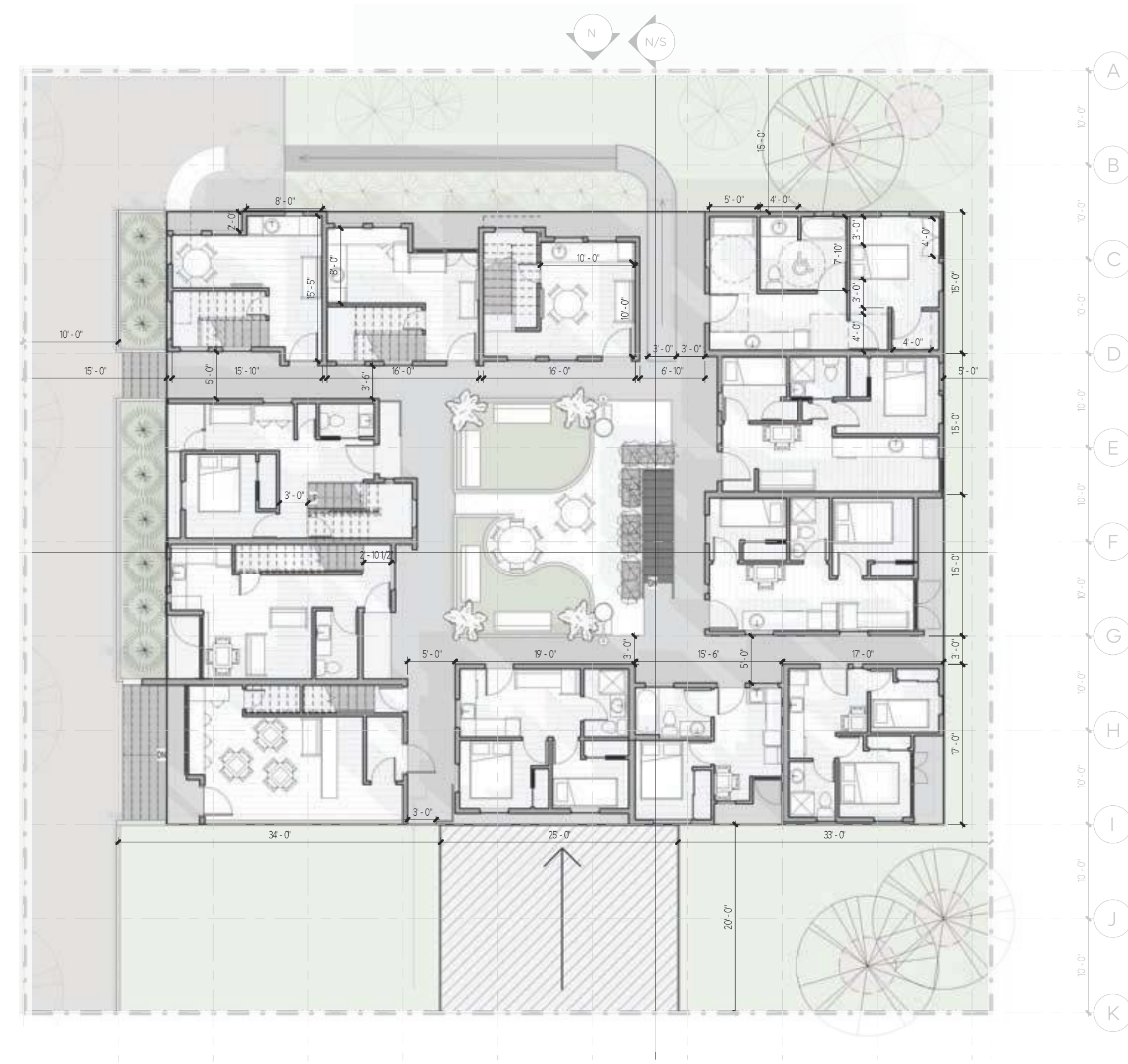
COMMON DRIVE MINIMUM: 24' - 0"  
 PROPOSED: 25' - 0"

PARKING MINIMUM  
 1 PER TOWNHOUSE DWELLING UNIT  
 PROPOSED: .83 PER UNIT  
 1 ACCESSIBLE PARKING SPACE  
 6 STANDARD SPOTS  
 4 COMPACT SPOTS

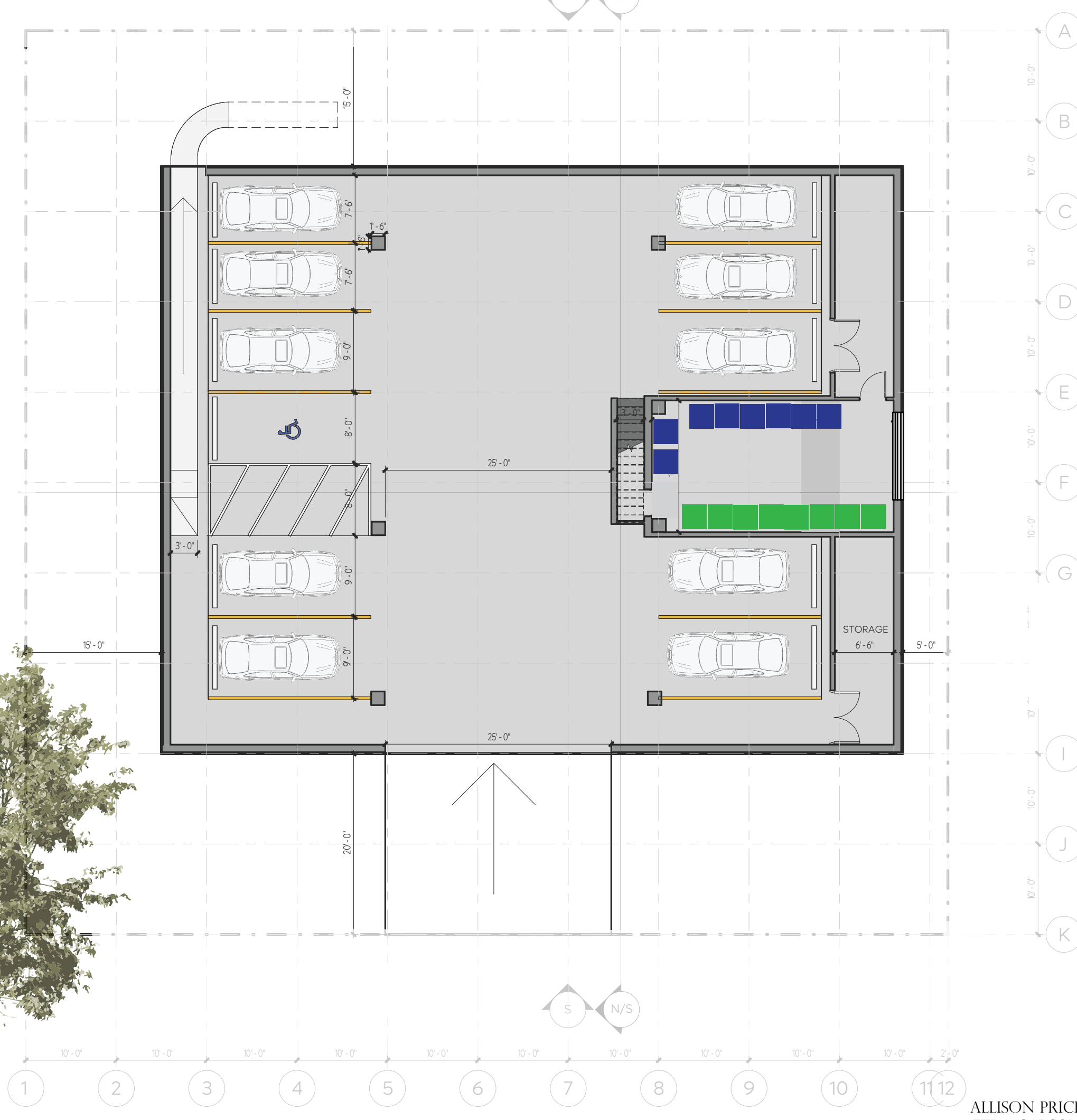
FIRE TRUCK ACCESS:  
 THE 150 FOOT FIRE TRUCK HOSE MUST BE ABLE TO REACH ALL CORNERS OF THE STRUCTURES ON SITE.  
 PROPOSED: LESS THAN 150' - 0" TO REACH FROM TRUCK TO FARTHEST CORNER

SOLID WASTE:  
 23-27 BEDROOMS = 10 TOTAL CARTS 5X5 PER CAR = 50' - 0" X 5' - 0" STAGING AREA  
 PROPOSED: 16 TOTAL CARTS, 3X3 = 26' - 0" X 15' - 0" STAGING AREA

**FIRST FLOOR**  
 SCALE: 1" = 12' - 0"



**PARKING**  
 SCALE: 1" = 12' - 0"



**NORTH ELEVATION | SCALE: 1" = 8' - 0"**



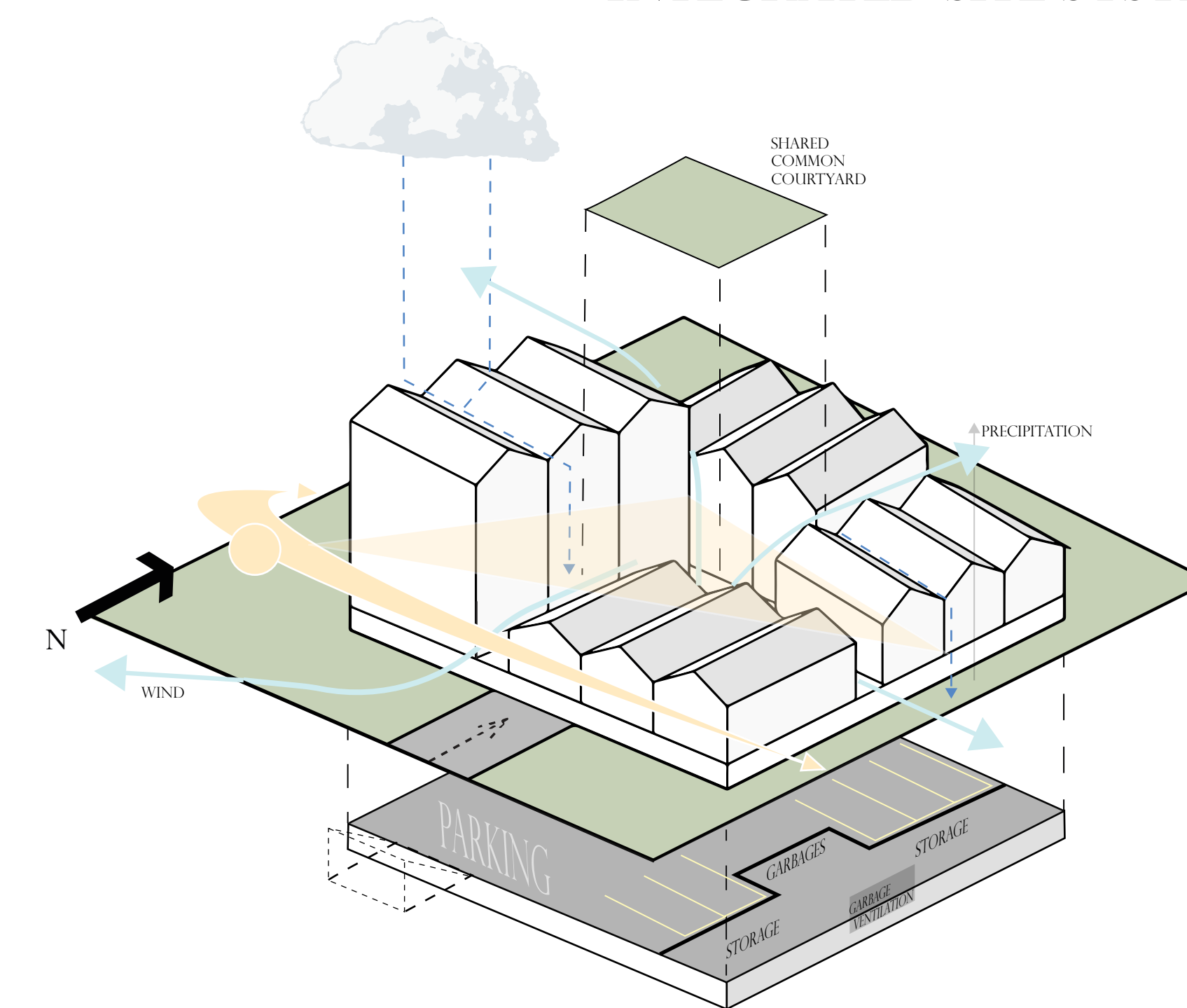
**SOUTH ELEVATION | SCALE: 1" = 8' - 0"**



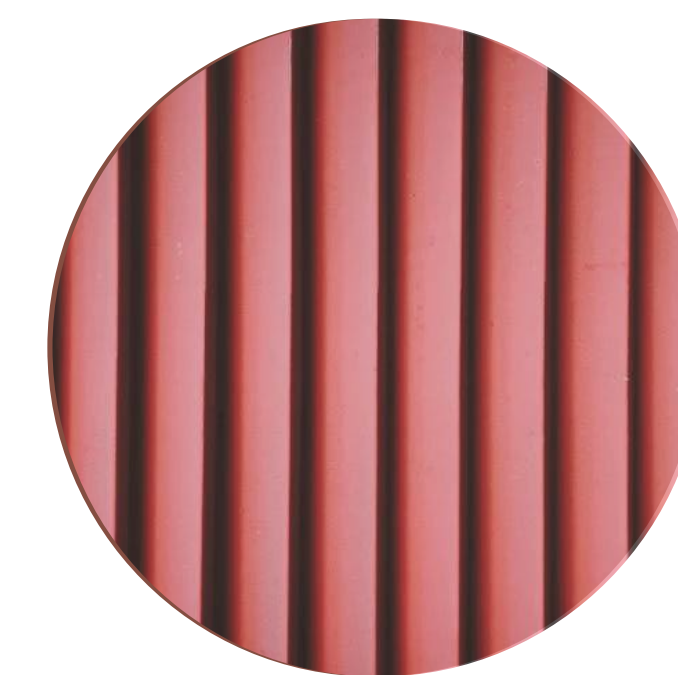
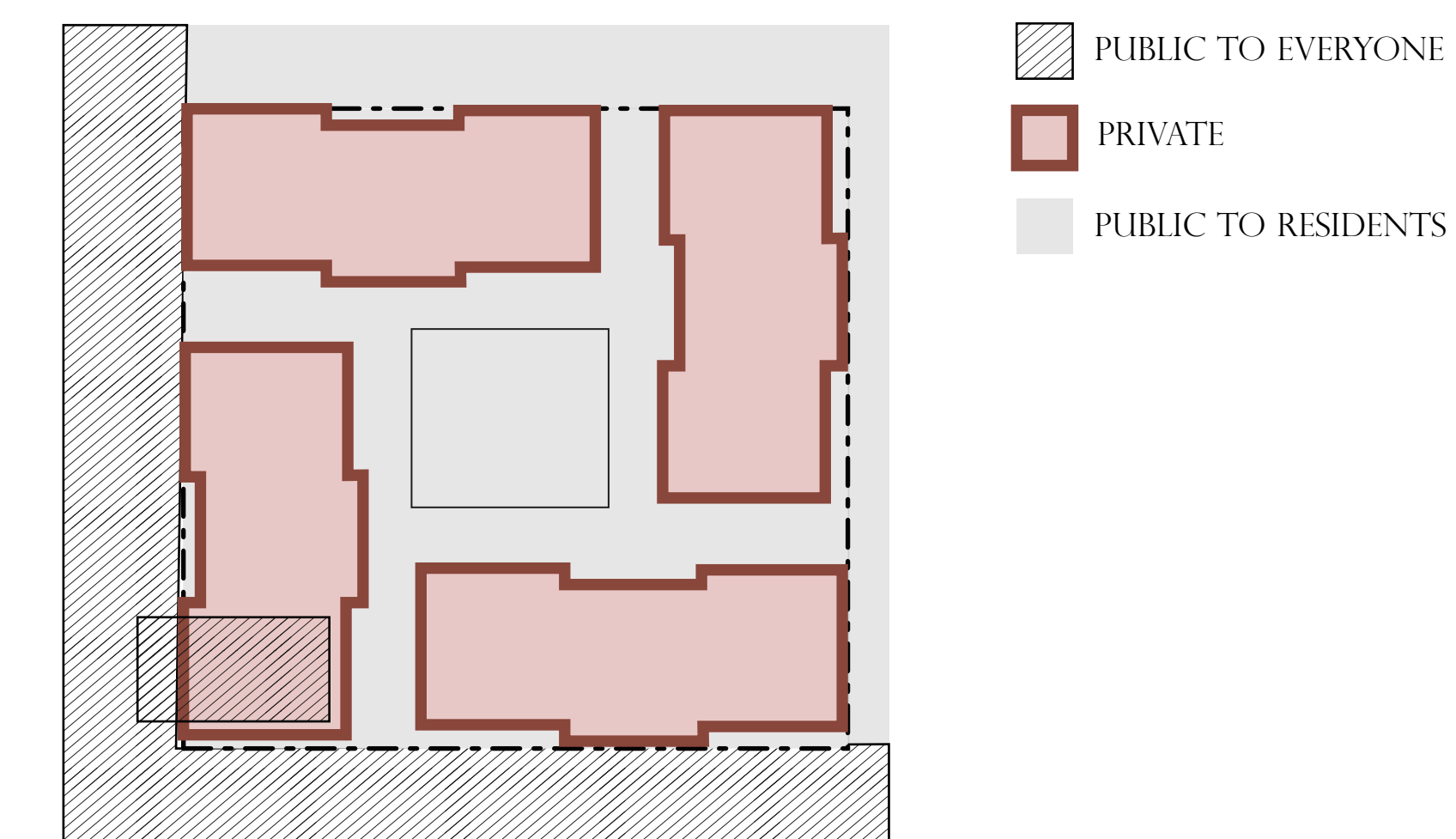
## MATERIALS + METHODS

MY DESIGN EMBRACES SUSTAINABILITY THROUGH BOTH FORM AND PERFORMANCE. THE PITCHED ROOFS INTENTIONALLY COLLECT AND DIRECT RAINWATER INTO THE CENTRAL COURTYARD AND SURROUNDING PLANTED HILLSIDE, SUPPORTING NATURAL INFILTRATION BEFORE THE WATER RETURNS TO THE ATMOSPHERE CREATING A VISIBLE, SITE-SPECIFIC WATER CYCLE. BUILDING ORIENTATION MAXIMIZES SOUTHERN LIGHT FOR PASSIVE SOLAR GAIN WHILE ENSURING DAYLIGHT REACHES THE SHARED COURTYARD, REDUCING RELIANCE ON ARTIFICIAL LIGHTING. DURABLE, LOW-MAINTENANCE MATERIALS SUCH AS CORRUGATED METAL, CONCRETE, STUCCO, AND RESPONSIBLY SOURCED WOODEN LOUVRES EXTEND THE BUILDING'S LIFESPAN AND REDUCE LONG-TERM ENVIRONMENTAL IMPACT. THESE MATERIALS ALSO IMPROVE THERMAL PERFORMANCE AND MINIMIZE REPLACEMENT CYCLES.

## INTEGRATED SITE SYSTEMS



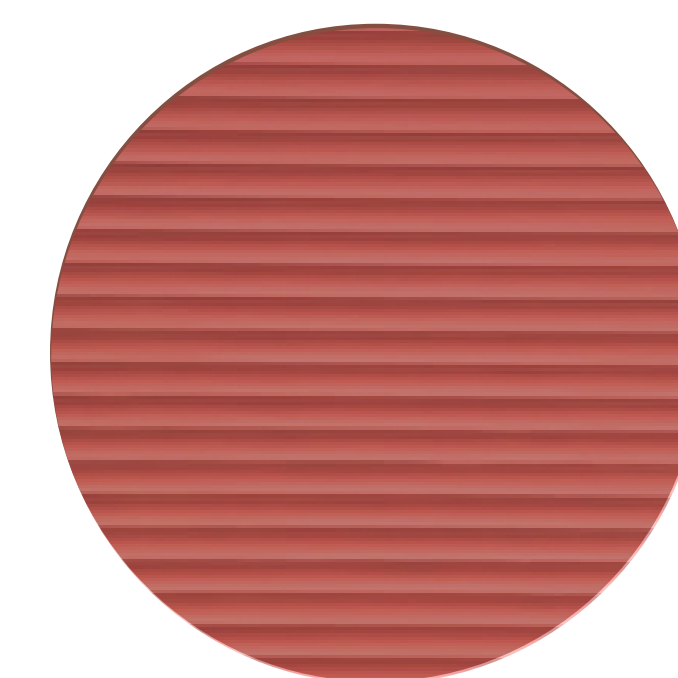
## PUBLIC | PRIVATE DIAGRAM



WOOD LOUVRES



STUCCO



CORRUGATED METAL

MATERIALS

## PUBLIC | PRIVATE

THIS DEVELOPMENT REIMAGINES HOW PUBLIC AND PRIVATE SPACE OPERATE AT A NEIGHBORHOOD SCALE, CREATING A LAYERED ENVIRONMENT WHERE COMMUNITY LIFE CAN NATURALLY UNFOLD. THE ATTACHED COFFEE SHOP INVITES THE BROADER NEIGHBORHOOD IN, OFFERING AN ACCESSIBLE SOCIAL ANCHOR, WHILE THE INNER COURTYARD REMAINS SEMI-PRIVATE—OPEN ONLY TO RESIDENTS WITHIN THIS SMALL BUILT COMMUNITY. THIS BALANCE STRENGTHENS BOTH BELONGING AND SAFETY. TOGETHER, THESE SHARED AMENITIES ENRICH THE SURROUNDING NEIGHBORHOOD AND ELEVATE THE POSSIBILITIES OF COMMUNITY-FOCUSED HOUSING.



## COMMUNITY COURTYARD

THIS SHARED COURTYARD EXEMPLIFIES HOW THOUGHTFUL DESIGN CAN FOSTER COMMUNITY AND ENHANCE EVERYDAY LIFE. FRAMED BY COMPACT HOMES AND SOFTENED WITH GREENERY, IT OFFERS A SAFE, WALKABLE SPACE WHERE NEIGHBORS NATURALLY CONNECT—WHETHER GATHERING AROUND A TABLE, GRILLING DINNER, OR SIMPLY PASSING BY. THE SCALE INVITES INTERACTION WITHOUT OVERWHELMING, AND THE VISIBILITY ACROSS UNITS PROMOTES A SENSE OF CARE AND BELONGING. IN A BUILT ENVIRONMENT, THIS KIND OF COMMUNAL OUTDOOR SPACE BECOMES A SOCIAL ANCHOR—ENCOURAGING SPONTANEOUS CONVERSATION, SHARED ROUTINES, AND A DEEPER SENSE OF PLACE. IT'S NOT JUST A COURTYARD—IT'S THE HEART OF A CONNECTED, PEOPLE-FIRST NEIGHBORHOOD.

## SECTION LEGEND

SCALE: 1" = 12' - 0"

1. BEDROOM
2. 3 STORY TOWN HOUSE
3. LIVING ROOM
4. KITCHEN
5. STORAGE
6. COMMUNITY COURTYARD
7. ADA ACCESSIBLE RAMP
8. PARKING
9. VERTICAL CIRCULATION
10. TRASH STAGING AREA
11. STORAGE
12. EAST 1 STORY TOWN HOUSE
13. BATHROOM
14. SOUTH 1 STORY TOWN HOUSE

## E/W SECTION



## N/S SECTION

