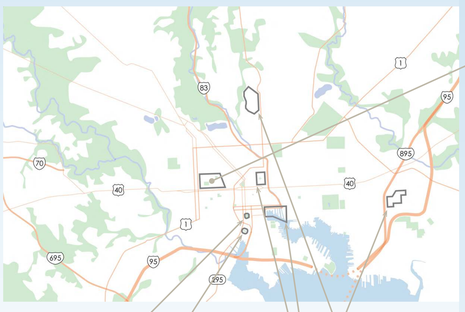
STEP INTO GREEN

Rethinking how the urban environment is developed, with integral green-scapes.
Responding to contextual circumstances to address a key socio-economic challenge.
Measuring success by potential output of fresh, homegrown produce.

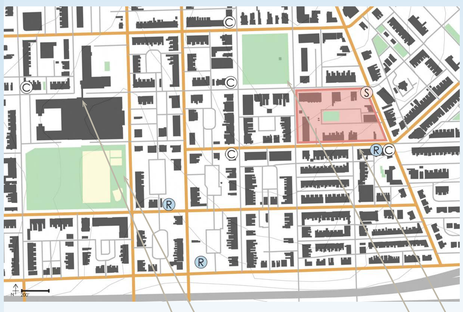
How can integrated green spaces alleviate a community's food insecurity?

CITY | Baltimore City, MD

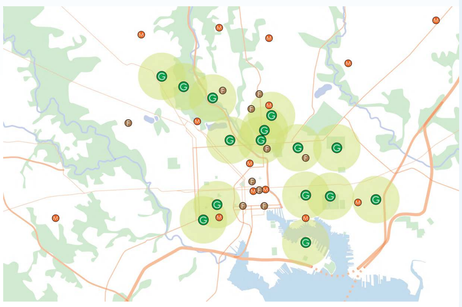


Camden Yards
M&T Bank Stadium
Mt. Vernon
Inner Harbor
Johns Hopkins

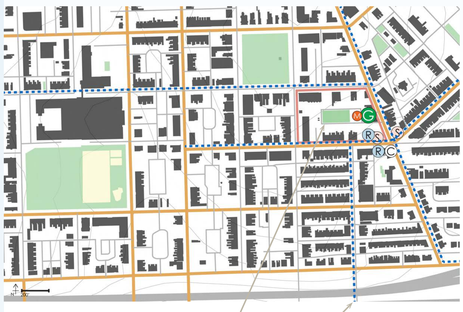
NEIGHBORHOOD | Harlem Park



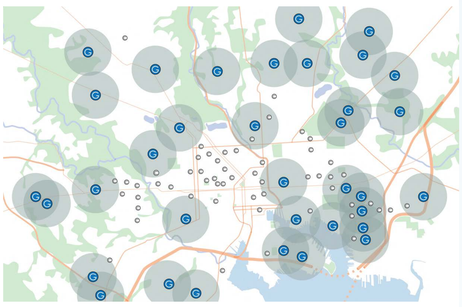
Harlem Park School
Harlem Square Park
Lafayette Square Park
Harlem Ave



Fresh Produce | Gardens with 15 min. walk radius
Market Halls & Food Halls

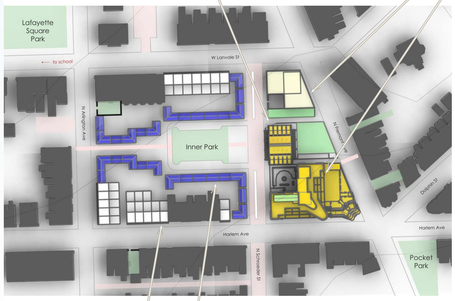


Reinvigorated Inner Block
Bicycle & Pedestrian Safe Routes
Market & Garden

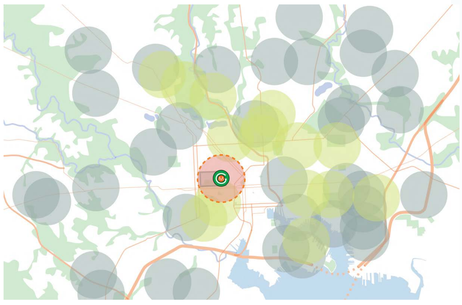


Fresh Produce | Grocery stores with 15 min. walk radius
Convenience stores (limited fresh foods)

Market & Garden
Mixed-Use Residential
Residential Low-Rise



Site Proposal
Small Footprint House
Wider Rowhouse



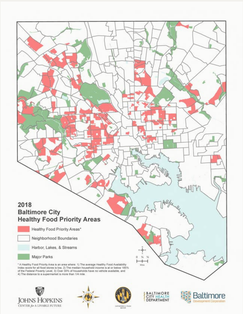
Filling the Gap | Site proposal resolves major food access shortfall in western Baltimore.

How can integrated greenspaces impact the food insecurity in an urban environment?

In Harlem Park, Baltimore, this issue is accompanied by rampant vacancy due to a steady year-over-year decline in population.

So we must rethink the urban environment from a standpoint of accommodating current population levels and affordability while also crafting safer, greener spaces to encourage growth.

Vacant, Rundown Rowhouses



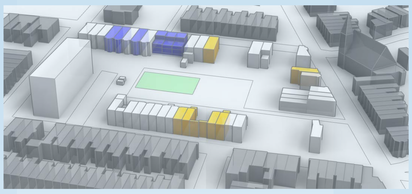
Food Security Graphic

James Renwick Long
Thesis Proposal | Spring 2023
University of Maryland
School of Architecture, Planning & Preservation

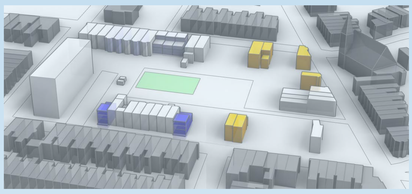
RESOLVE VACANT & DECREPIT ROWHOUSES

MAKE WAY FOR INNER
RELOCATE SOUTHWE

EXISTING | VACANCIES INDICATED
SITE | 900 Harlem Ave



PHASE I | DEMO 8 VACANT ROWHOUSES
RENNOVATE 3 VACANT ROWHOUSES
BUILD 3 NEW WIDE ROWHOUSES

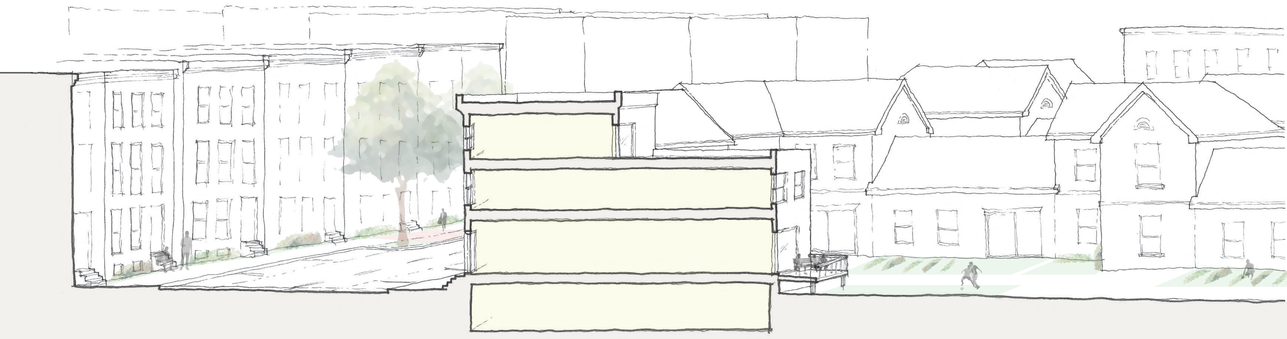


PHASE II | DEMO 6 OLD ROWHOUSES
BUILD 2 NEW ROWHOUSES

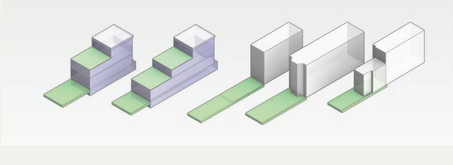
Aerial View from South

Inner Park Leading to Market

Market Street from North



WIDE ROWHOUSES

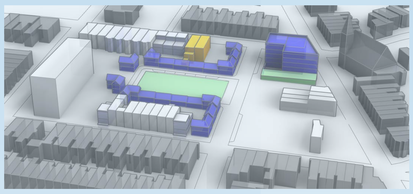


EXISTING ROWHOUSES
15'-6" TO 20' WIDE X 50' TO 80' DEEP
GREENSPACE 1,000+ SF PER UNIT

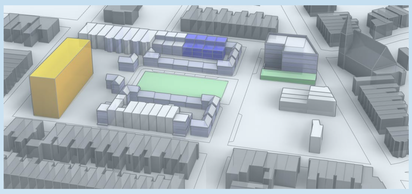
PROPOSED ROWHOUSES
22' TO 24' WIDE X 45' TO 68' DEEP
GREENSPACE 600+ SF AT GRADE
600+ SF PER STEPBACK

BLOCK REHABILITATION
ST TOWER RESIDENTS

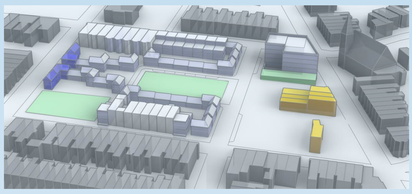
DEFINE EDGES AND PATHS



PHASE III | DEMO 2 OLD ROWHOUSES
CONNECT & REHAB INNER BLOCK
BUILD 18 SMALL FOOTPRINT HOUSES
BUILD NORTHEAST TOWER
& GREENHOUSE

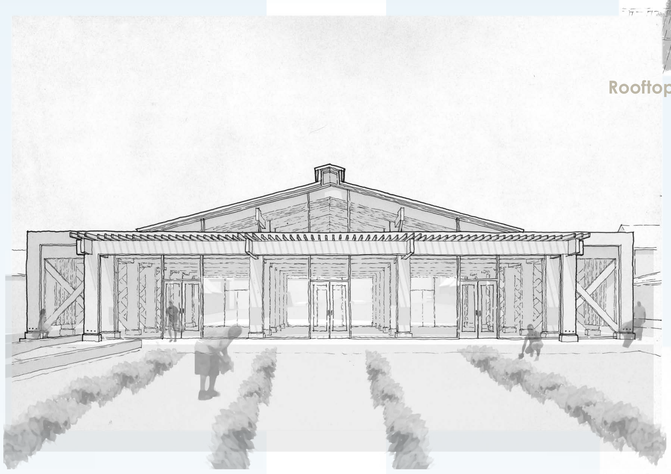


PHASE IV | DEMO SOUTHWEST TOWER
BUILD 4 NEW ROWHOUSES

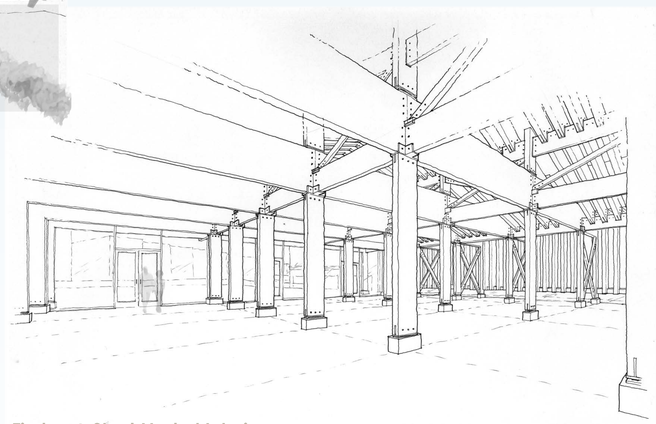


PHASE V | DEMO 4 OLD ROWHOUSES
BUILD 10 SMALL FOOTPRINT HOUSES
ESTABLISH TEMPORARY GREENSPACE

Rooftop with View of Harlem Ave

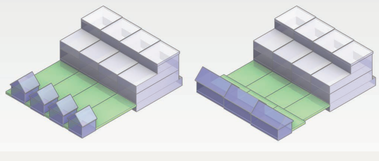


Market Facade from Garden



Timber & Steel Market Interior

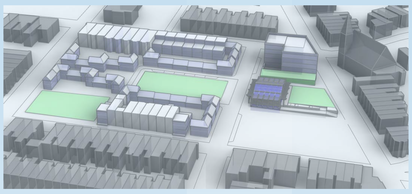
SMALL FOOTPRINT HOUSES



Carriagehouses are one of the traditional means of forming inner block edges in Baltimore City.

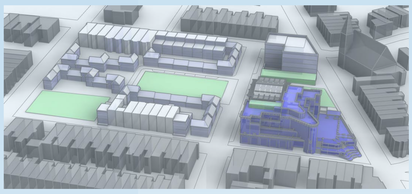
Drawing from this urban form, the proposed "small footprint" houses create formal edges for the inner block while expanding Harlem Park's affordable housing capacity.

BOLSTER COMMUNITY ASSETS



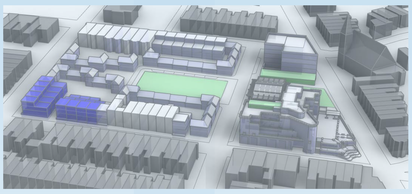
PHASE VI | BUILD MARKET HALL
ESTABLISH COMMUNITY GARDEN

EXPAND COMMUNITY AMENITIES & SLOW DENSIFICATION



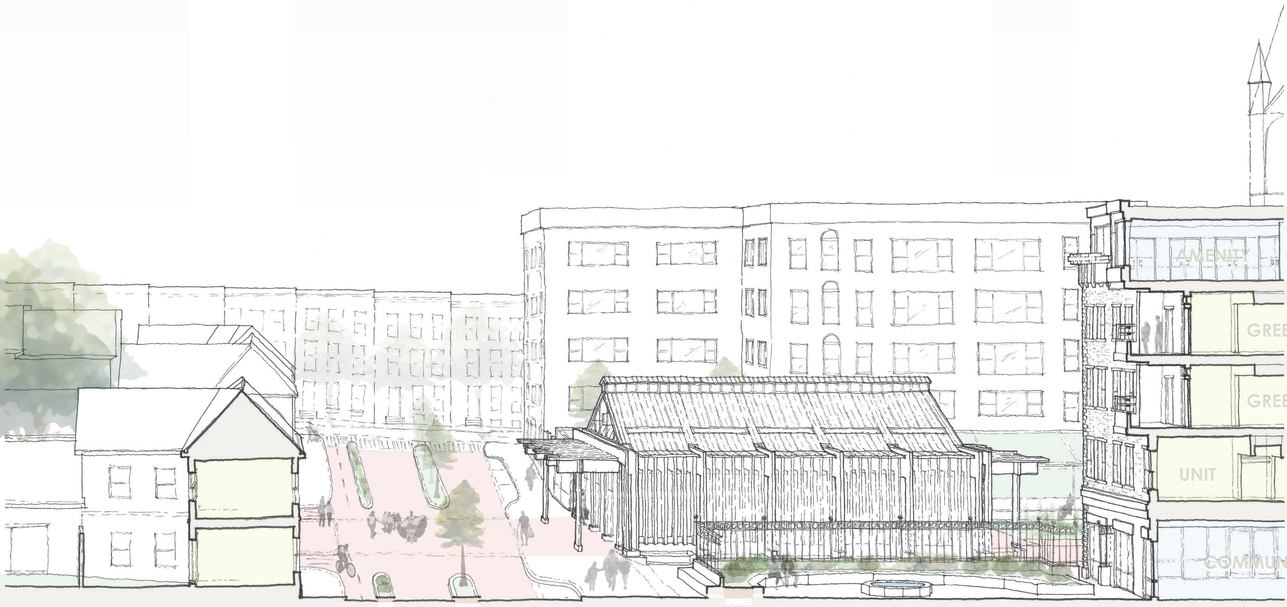
PHASE VI | BUILD MIXED-USE LOW-RISE
& "FRONT PORCH PLAZA"

COMPLETE THE BLOCK CONTINUED DENSIFICATION



PHASE VIi | BUILD 9 NEW ROWHOUSES

View of "Front Porch" Plaza & Mixed-use Building from Pocket Park



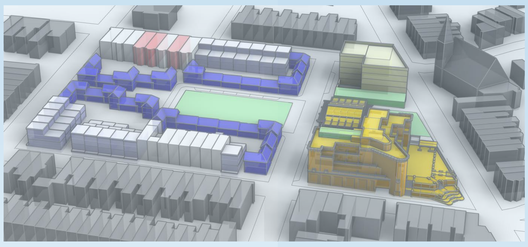
Small footprint houses can start as small as 16' x 32' with 512 SF. Future expansion can reach a full build-out of 1,500+ SF.

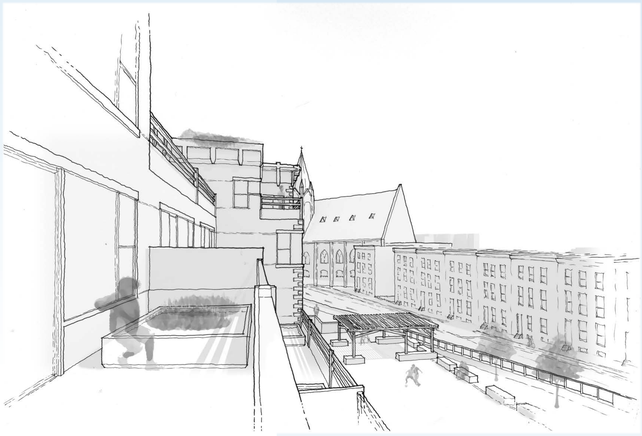
Each unit has a minimum of 256 SF outdoor space, with flat-roof options reaching 700+ SF.

RECLAIMED BRICK MARKET STREET

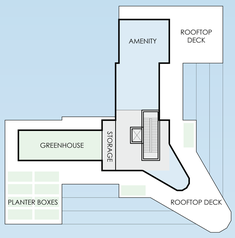
TIMBER, STEEL & GLASS "JEWEL BOX" MARKET

FULL BUILD

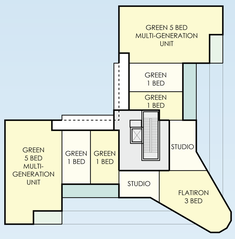




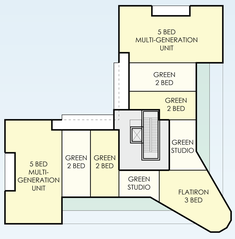
Balcony with Planter Box



PENTHOUSE



3RD LEVEL RESIDENTIAL



2ND LEVEL RESIDENTIAL

1ST LEVEL RESIDENTIAL

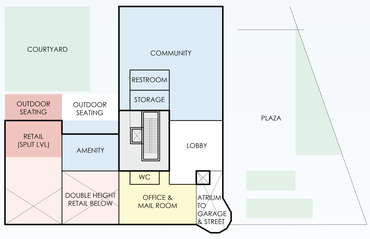
BUILDING BREAKDOWN

29 UNITS
66 BEDS
250+ SF OUTDOOR PER TYP. GREEN UNIT
19 THROUGH OR CORNER UNITS

29 PARKING SPACES
BICYCLE STORAGE ROOM
1 RESTAURANT
1 RETAIL STOREFRONT
4,000 SF COMMUNITY SPACE

TYPICAL STRUCTURAL BAY 24' X 34'
CONCRETE PODIUM
WOOD FRAME RESIDENTIAL LEVELS

PUBLIC "FRONT PORCH" PLAZA
ENCLOSED RESIDENCE COURTYARD



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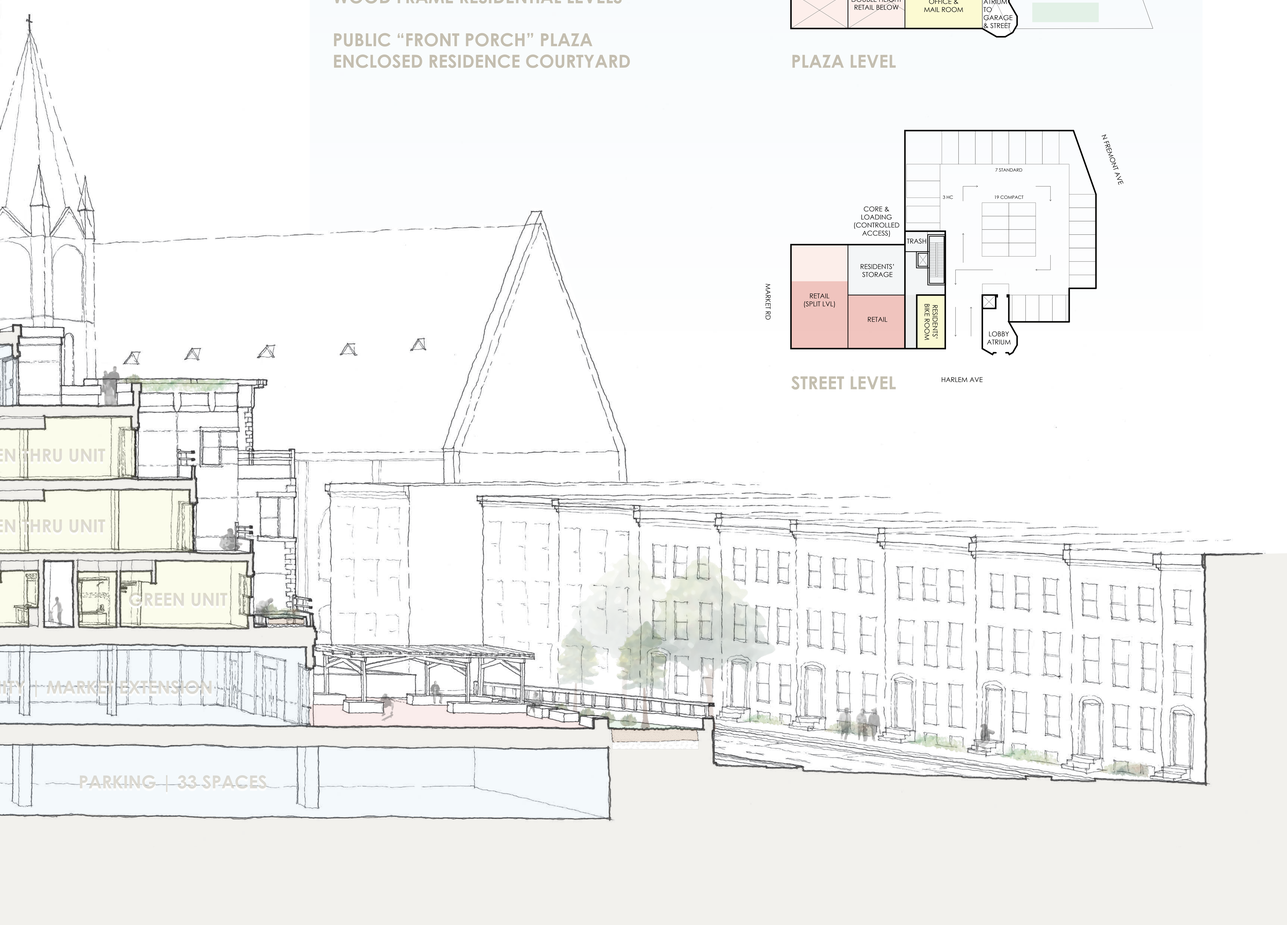
STREET LEVEL