

# A CITY OF POCKET HOUSING

UNDER-GRADUATE SUBMISSION- STUDIO PROJECT

**Project Location:** Tivoly Avenue, Baltimore, MD, USA

**Project Type:** Housing

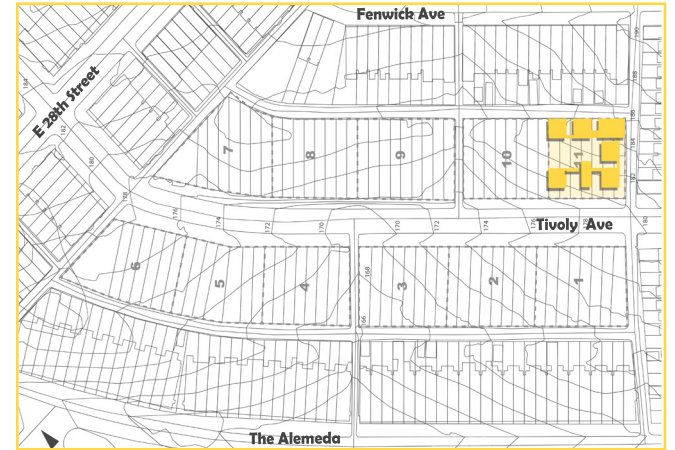
**Unit Count:** 7 units

**Unit Size:** 400 SF | 800 SF

**Unit #/Density:** 72 units per acre

**Unit Type:** Studio Apartment | 2 bedroom

**Unit Variety:** Variation only in orientation



This innovative **compound housing solution** sits on a 10,000 SF site on Tivoly Avenue. The seven (7) unit hybrid apartment complex is an **offspring** of the rowhouse and aptmnet typologies. Its relatively low density allows for closer communal relationships between residents. Pocket studio and 2-bedroom units of 400 SF and 800 SF respectively **interconnect** at grade and at roof terrace level to form it's own **urban experience** at a very small scale. The community is further granted its own amenities in that of a kitchenette that feeds out into a mini-bar, a convenience shop and a laundromat to allow for closer **communal ties** during leisure and household tasking. The residents are allowed the opportunity to share a common space in that of a **central courtyard** at grade which houses an **entertainment area**. The shared roof decks also translate into a **circulation system above grade** and a potential bird's eye view into the courtyard in every direction of the complex's context.

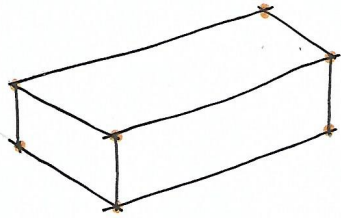


BEFORE



AFTER

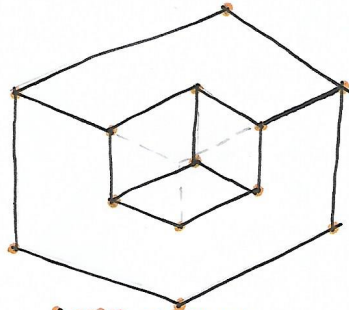
# UNIT + SITE DEVELOPMENT



## ROWHOUSE

- Narrow
- Rectangular form
- Grows on one hsz. axis.

+



## APARTMENT

- Flexible form
- Opportunity for shared spaces.
- Able to grow in all directions/on all axes.

=



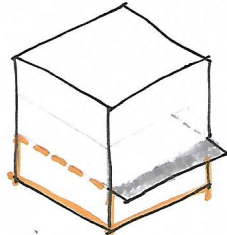
Studio Module

↓  
Roof Deck  
↓  
Shared space  
↓  
Semi-Private



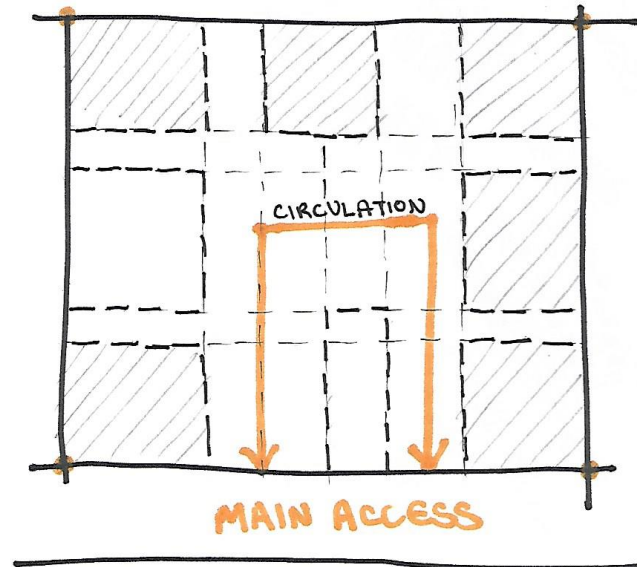
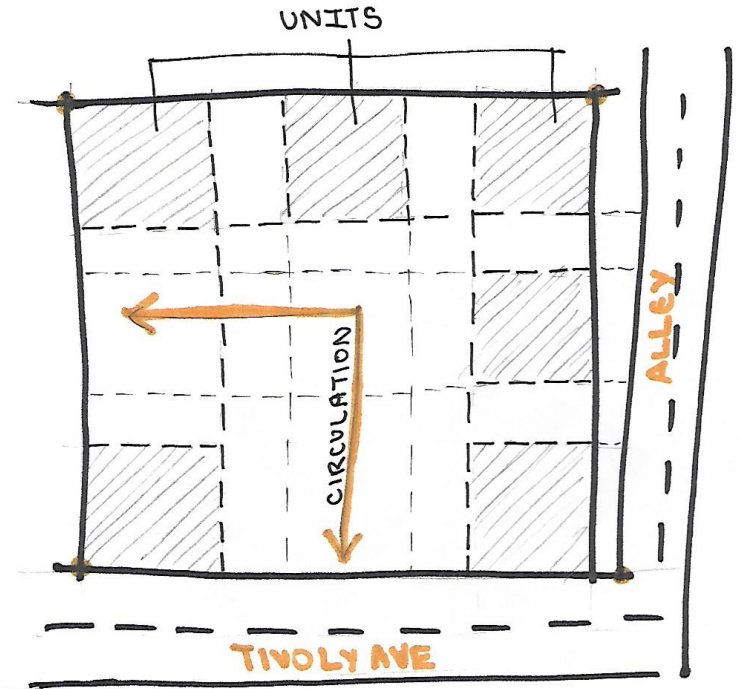
Vertical Growth of studio module results in 2-BR unit.

↓  
Cantilevered Balcony/Porch  
↓  
~~Shared Space~~  
(Private)



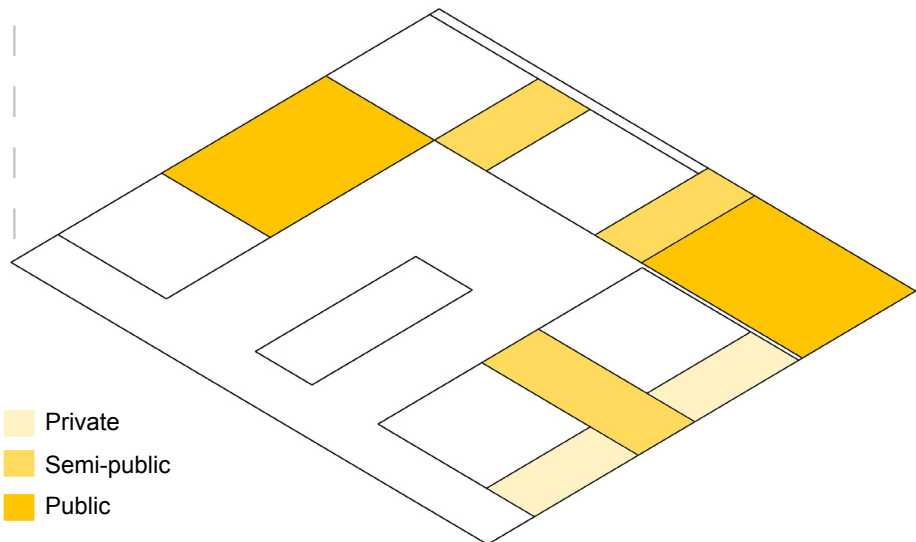
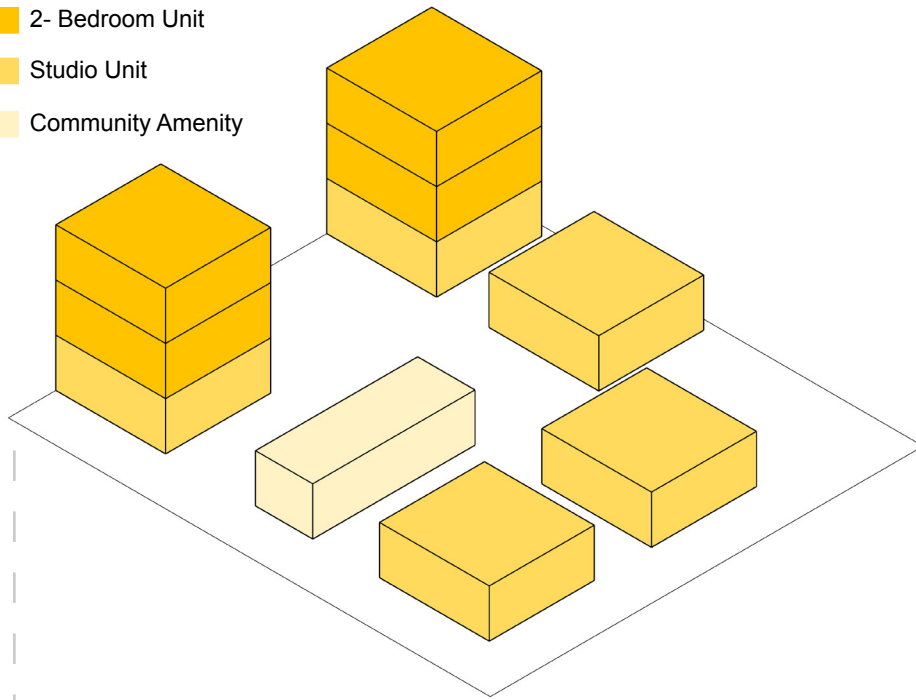
Stack of 2-BR unit with studio base.

↓  
Cantilevered balcony  
↓  
Private.



# UNIT AGGREGATION | TYPOLOGY

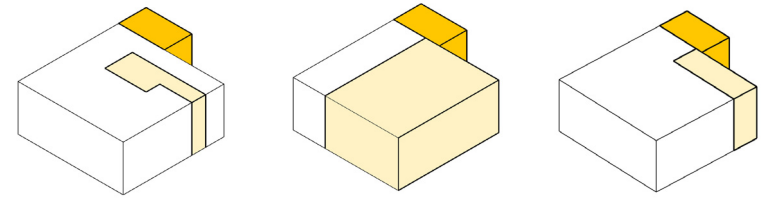
- 2- Bedroom Unit
- Studio Unit
- Community Amenity



Exterior Space Typology

# CIRCULATION

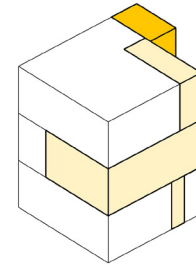
- Horizontal Circ.
- Vertical Circ.



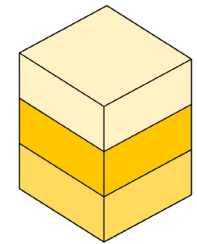
Level 1 Circ.

Level 2 Circ.

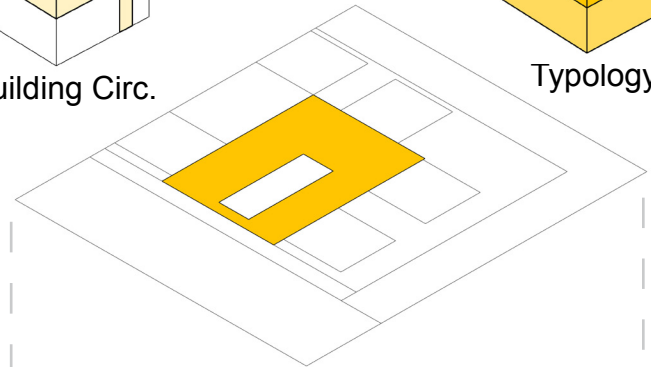
Level 3 Circ.



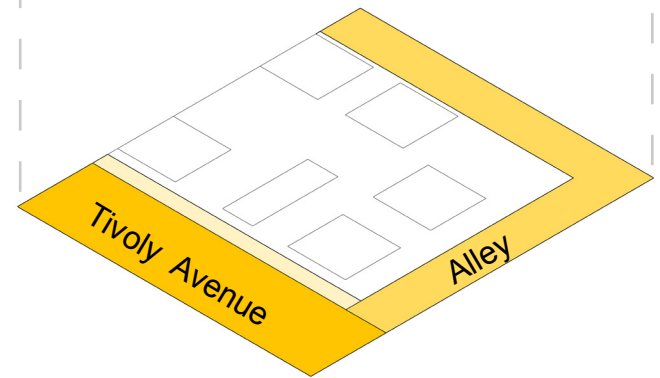
Building Circ.



Typology

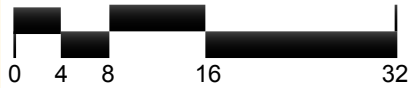
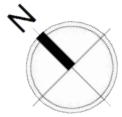


Circulation Within Site



Circulation Around Site

# SITE PLAN GROUND LEVEL

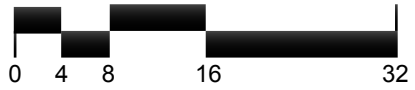
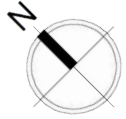


- 1-5** Studio Apartment Unit
- 6** Communal Convenience
- 7** Communal Kitchenette
- 8** Communal Laundry
- 9** Mechanical Room
- 10** Entertainment Area
- 11** Open Courtyard

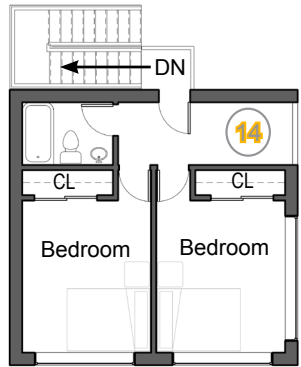




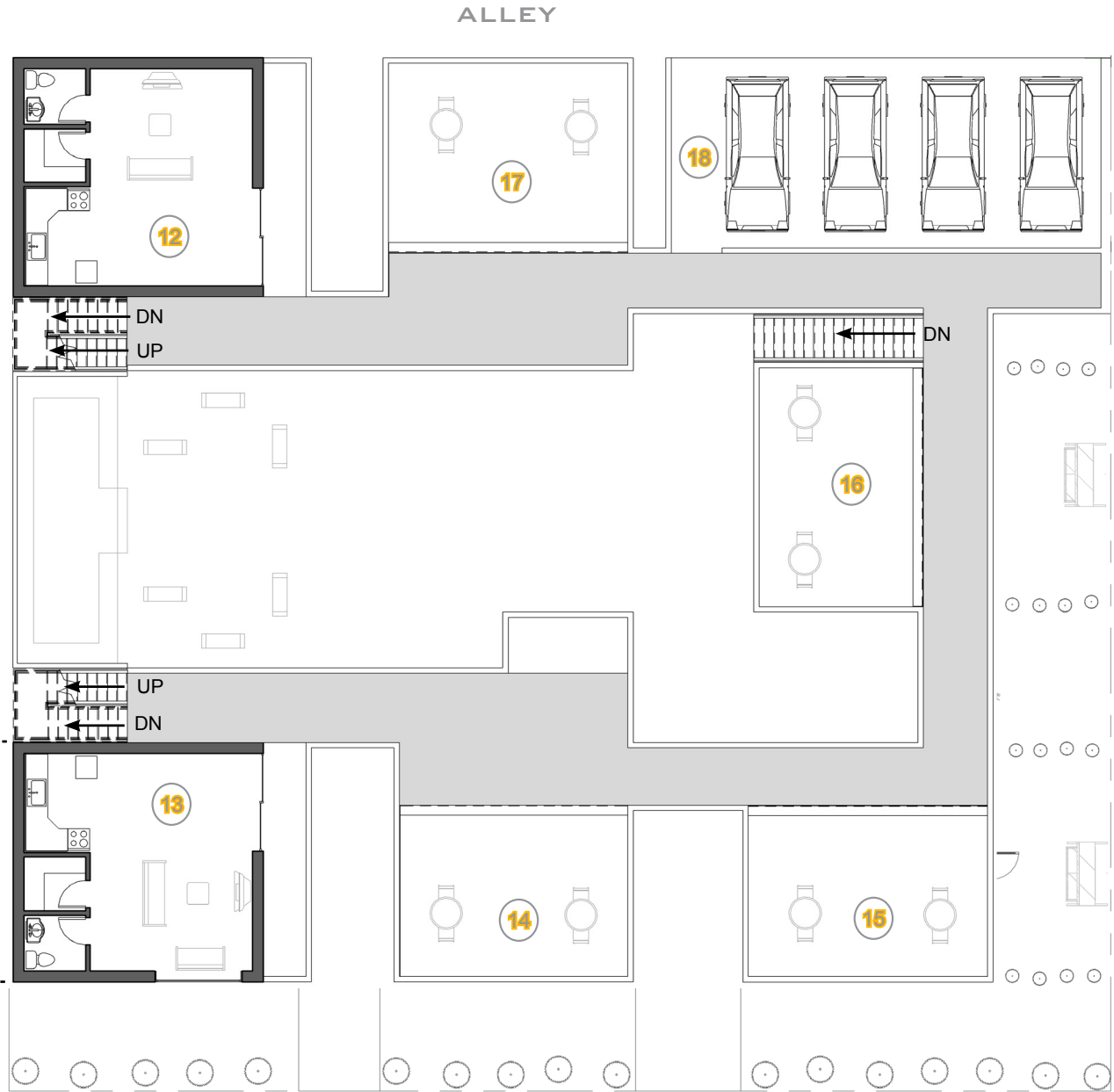
# SITE PLAN SECOND LEVEL



- 12 - 13** Two Bedroom Apt Unit
- 14 - 17** Shared Roof Decks
- 18** Resident Parking



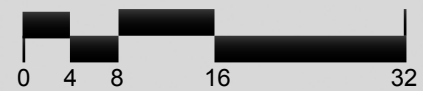
LEVEL 3



TIVOLY AVENUE



SECTION A - A





THE CORE COURTYARD EXPERIENCE OFFERS AN ENTERTAINMENT SPACE PROPOSING LEISURE ACTIVITIES FOR RESIDENTS WITHIN THEIR OWN DOMAIN.

2 -BEDROOM UNITS STACKED ABOVE STUDIO UNITS OFFER USERS PRIVATE DECKS WHICH CONNECTS TO THE REMAINING ROOF DECK SYSTEM.

TAKING ADVANTAGE OF THE SITES HIGHEST POINT, THE COMPLEX FEATURES PARKING ABOVE LAUNDRY AREA

THE RESIDENTS OF THE EASTERN ORIENTED STUDIOS ARE GRANTED WITH THE MORNING SUN FILTERING THROUGH THEIR PRIVATE BACKYARDS INTO THEIR LIVING SPACE.

THE ROOFS TERRACES TRANSLATE INTO OCCUPIABLE DECKS FOR THE RESIDENTS TO ENJOY MULTIPLE VIEWS WHILE KEEPING EYES ON THE STREET.

# “A CITY OF POCKET HOUSING”





**“TAKING ADVANTAGE OF TOPOGRRAPHY”**



“RAISED’ QUALITY OF LIFE”



