

RESTORING VETERANS THROUGH COMPANIONSHIP

THE STUDY BETWEEN RURAL AND URBAN CONTEXT

ARCHITECTURE THESIS | JACOB HAACK

THESIS ABSTRACT

What are the benefits of a rehabilitation center located in a rural context compared to an urban context? Does it change the outcome if the treatment involves the relationship between man and dog?

How does design differentiate between rural and urban sites? If the parameters are set and the same program is used for each, which context will be more successful?

This thesis focuses on two issues that affect the entire country: the rising number of veterans suffering from PTSD and an excess amount of stray dogs and overcrowding in animal shelters.

This thesis creates a new building typology; a rehabilitation center that takes in Veterans affected by traumatic experiences combined with a no kill animal shelter for dogs. The veterans will train the dogs to be service dogs. It has been proven that dogs have healing effects on humans. To try to find a solution that can work all over the nation I will have two sites: one rural and one urban. The rural site is in Little Falls, MN and the urban site is in Minneapolis, MN.

Although, having the same function of building(s) on each, these two sites will have very different designs that are affected by their context. The rural site will have more than one building, and they will be spread out across the site to create more of a campus feel. The urban site will be condensed and have a more vertical building that fits on the site. At the end, there will be two complete designs that can be compared side-by-side.

Can both be successful models that can be used in a rural or urban context all over the country or will one be more successful overall?

PROJECT DESCRIPTION

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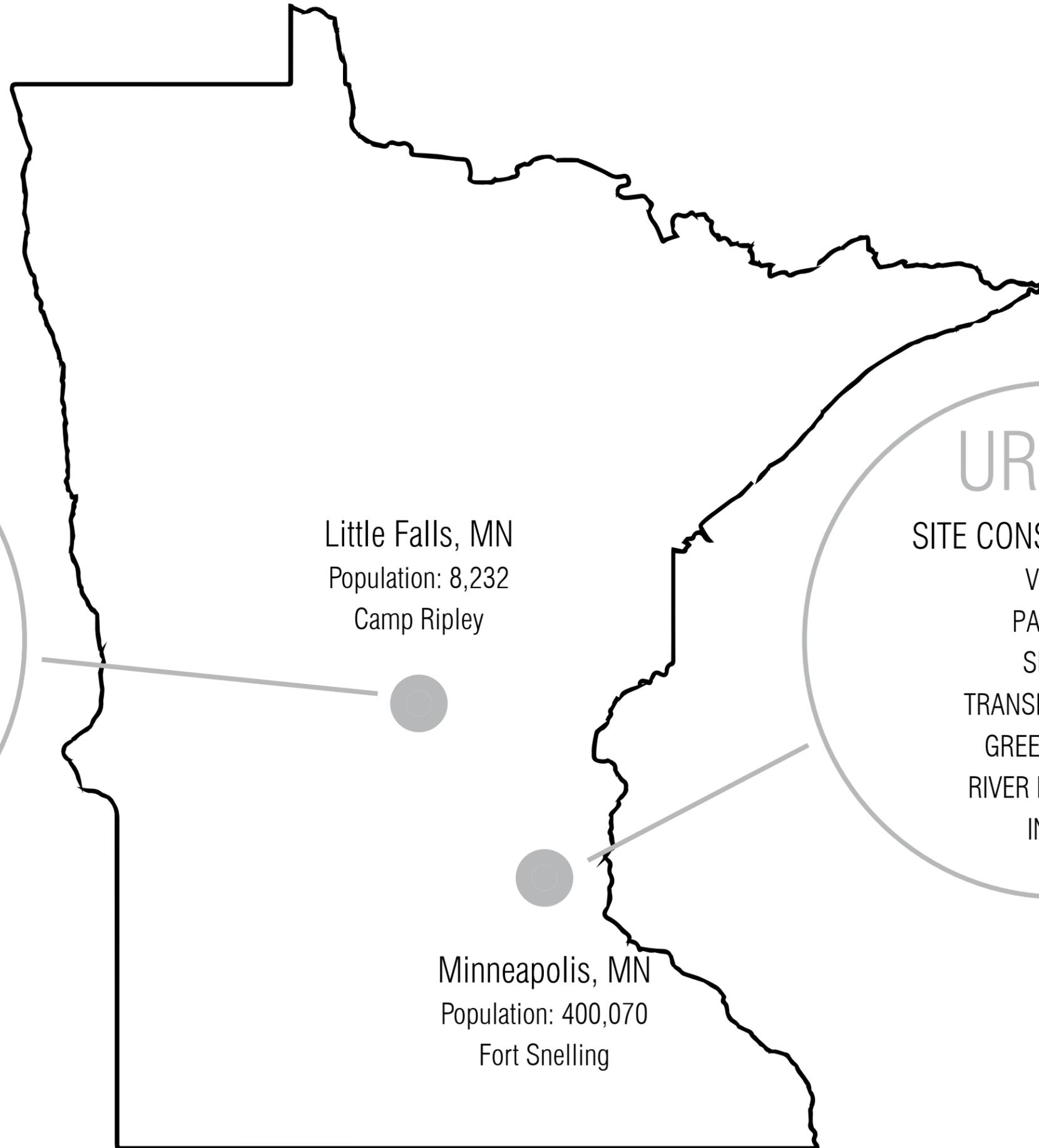
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SITES



RURAL

SITE CONSIDERATIONS

- VIEWS
- SPACE
- GROUND COVER
- MOVEMENT
- GREEN SPACE
- RIVER PROXIMITY
- NOISE

URBAN

SITE CONSIDERATIONS

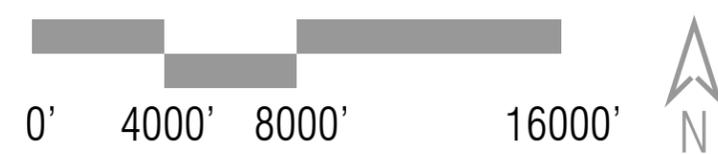
- VIEWS
- PARKING
- SHADE
- TRANSPORTATION
- GREEN SPACE
- RIVER PROXIMITY
- INFILL

MACRO SITES

LITTLE FALLS

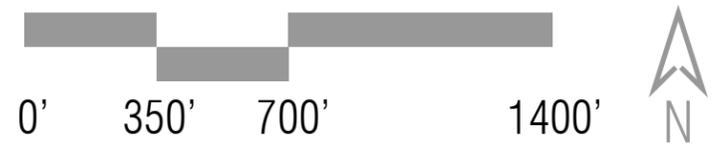


MINNEAPOLIS



MICRO SITES

LITTLE FALLS



MINNEAPOLIS



SITE IMAGES

RURAL

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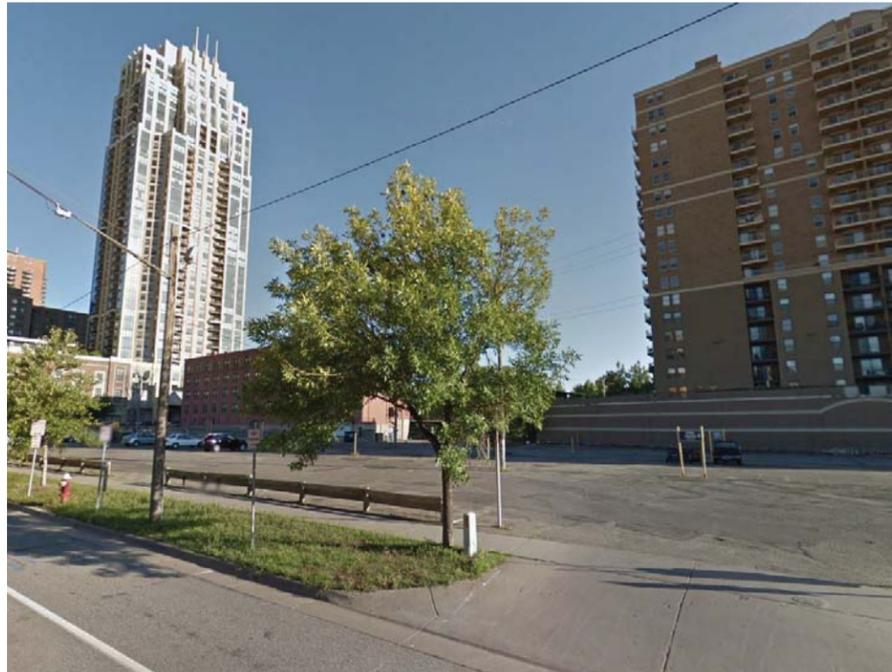


URBAN

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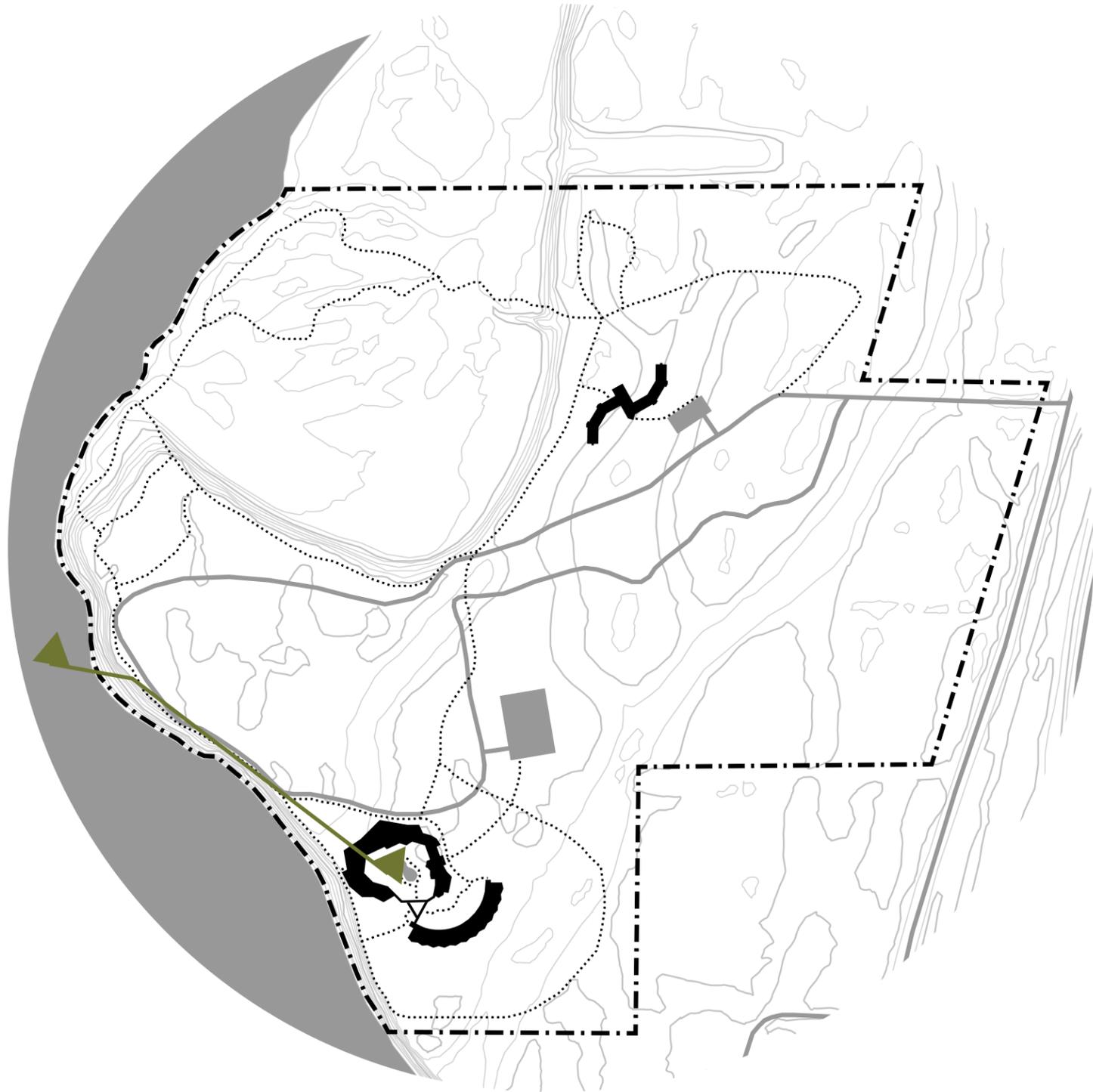


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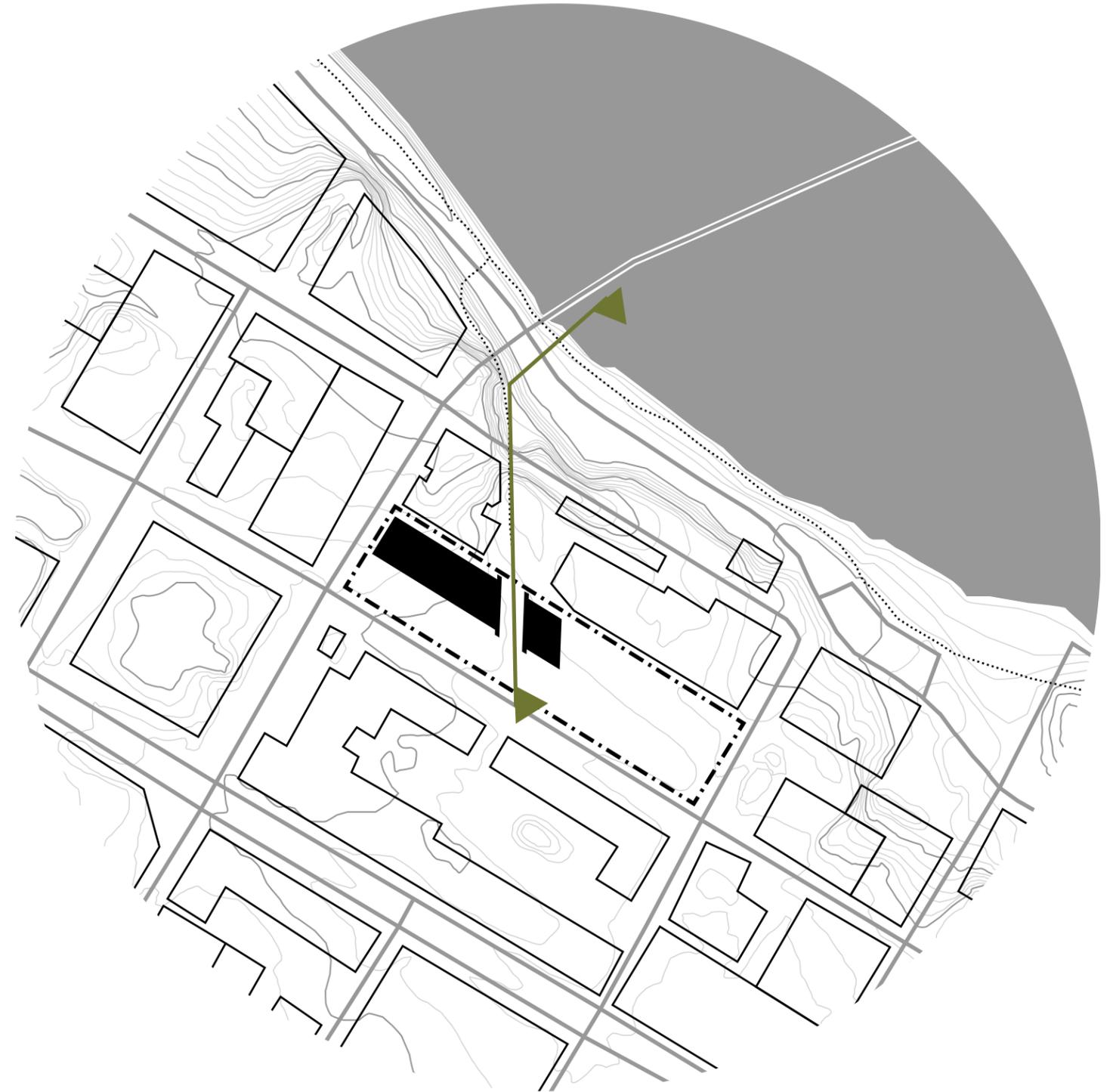


SITE PLANS

LITTLE FALLS

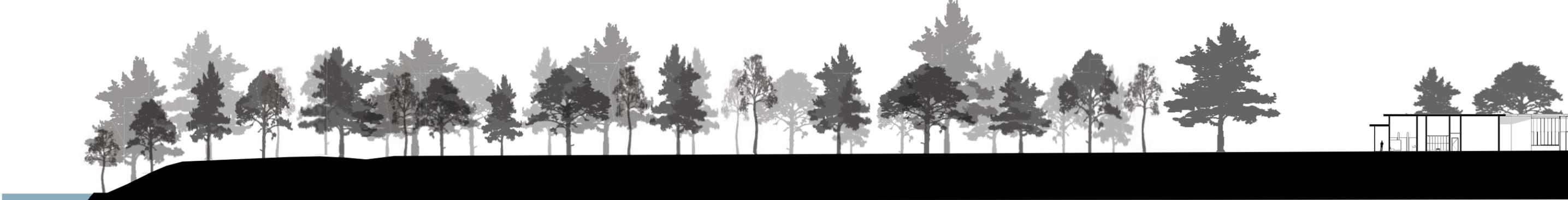
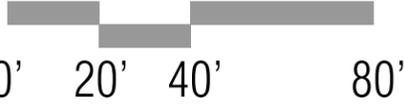


MINNEAPOLIS



RIVER CONNECTION SECTION

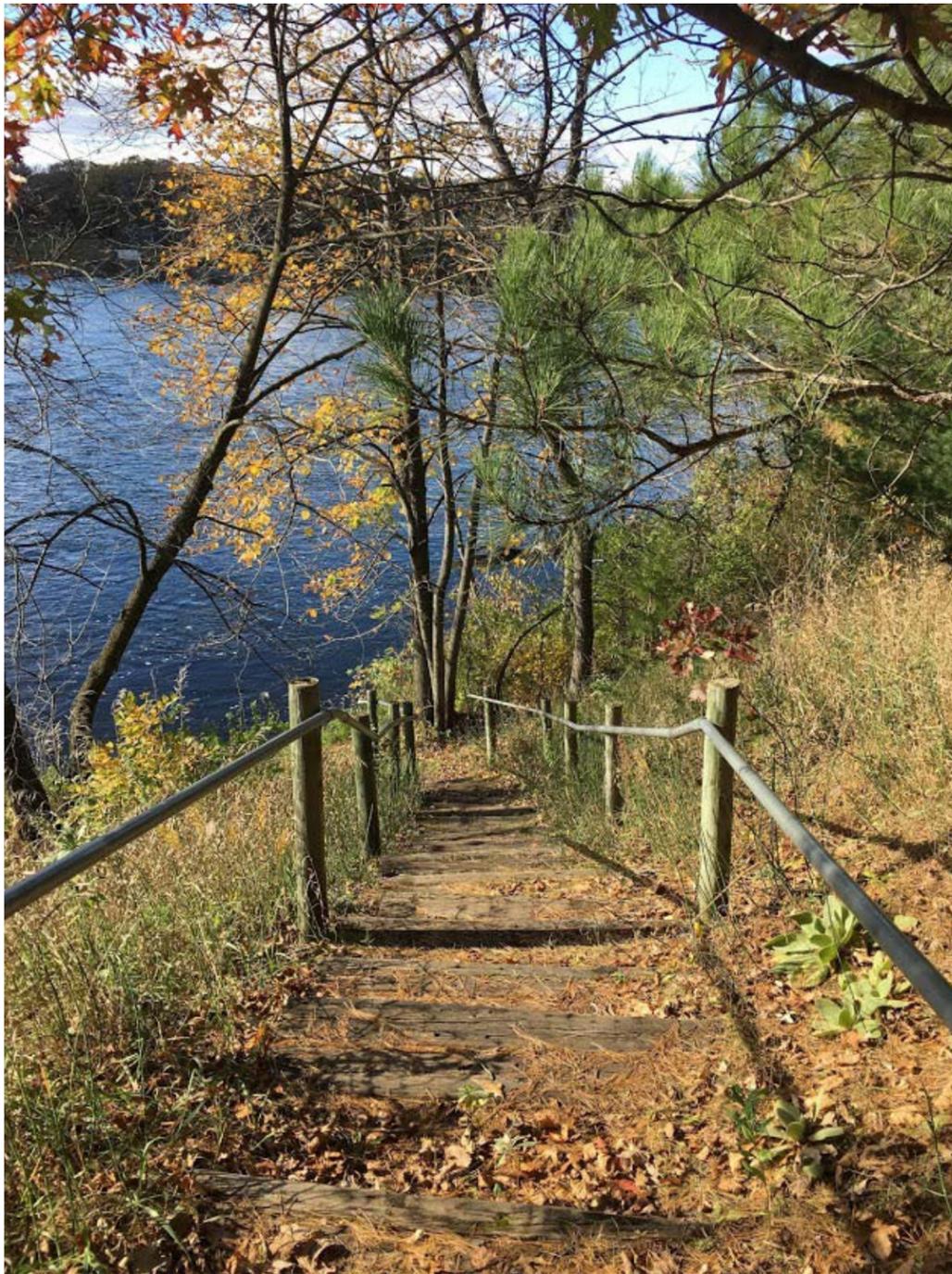
RURAL



URBAN



RIVER CONNECTION



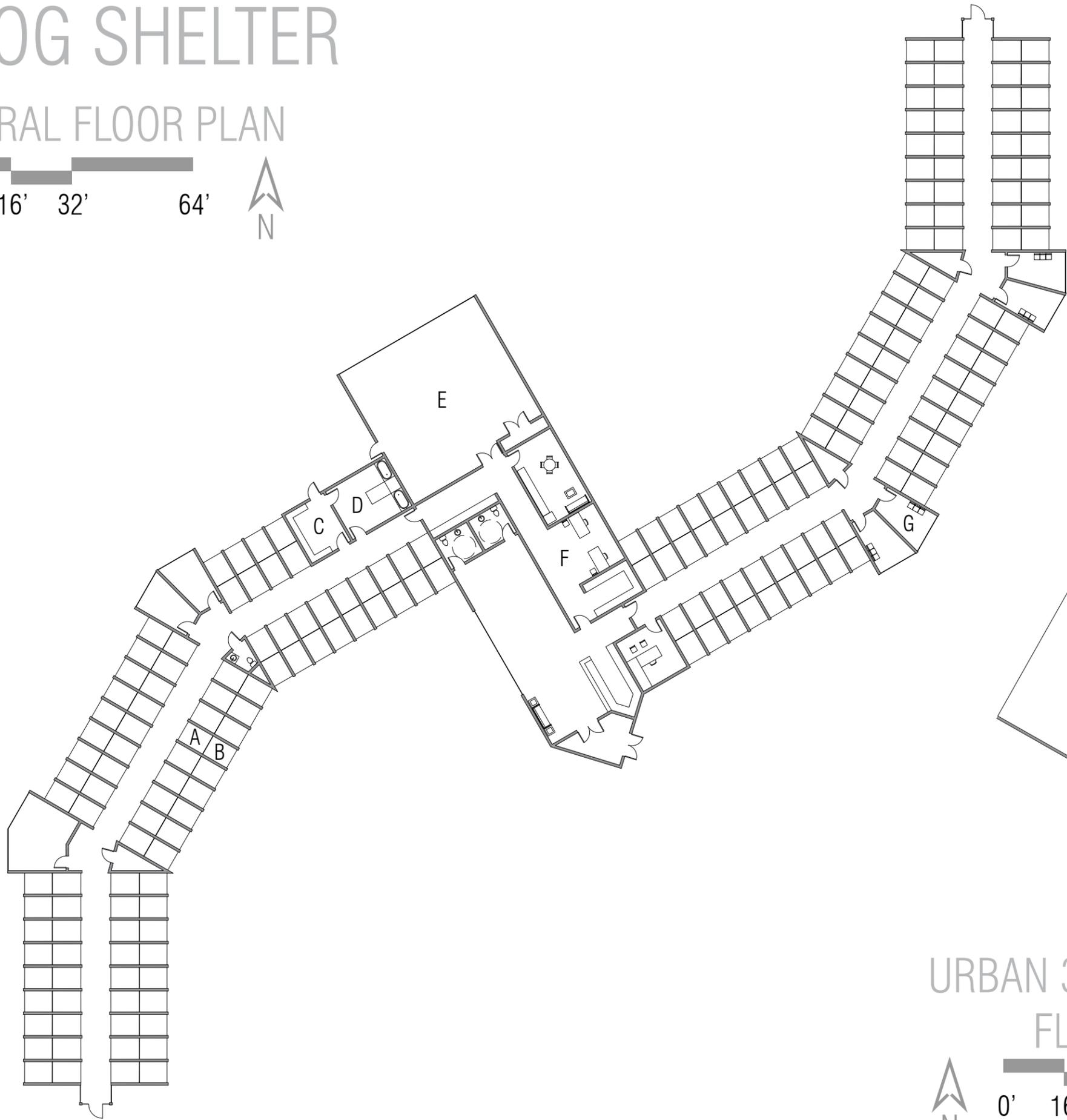
RURAL



URBAN

DOG SHELTER

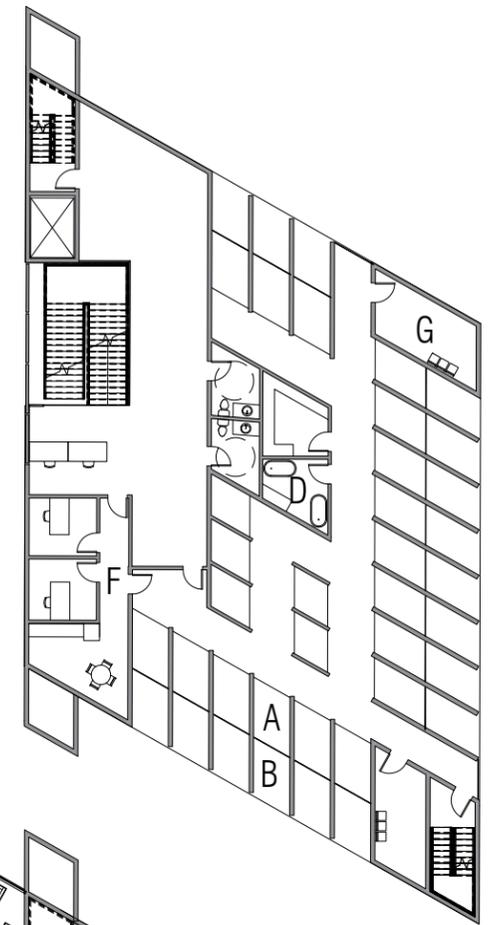
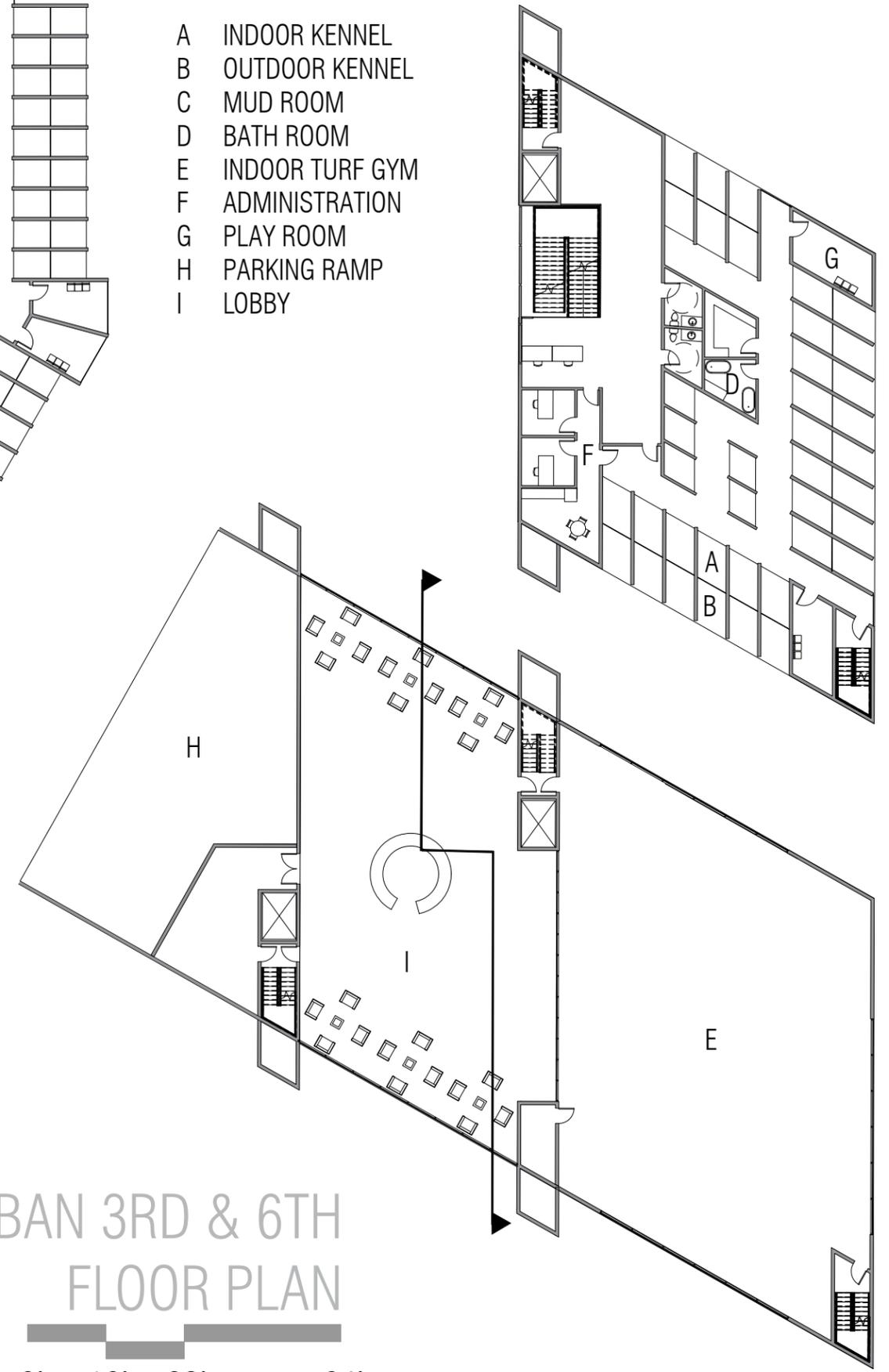
RURAL FLOOR PLAN



LEGEND

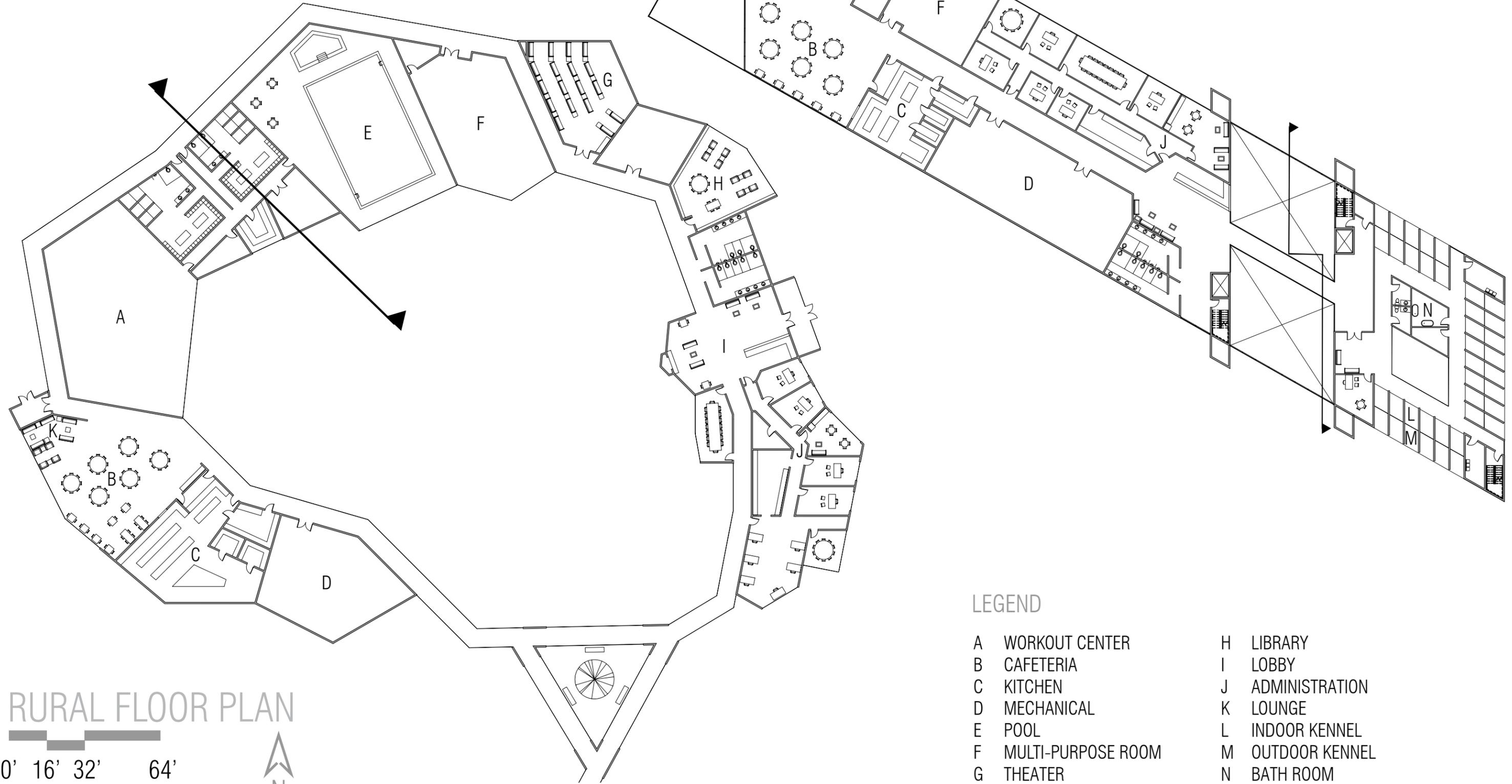
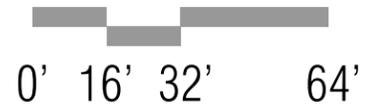
- A INDOOR KENNEL
- B OUTDOOR KENNEL
- C MUD ROOM
- D BATH ROOM
- E INDOOR TURF GYM
- F ADMINISTRATION
- G PLAY ROOM
- H PARKING RAMP
- I LOBBY

URBAN 3RD & 6TH FLOOR PLAN



REHABILITATION CENTER

URBAN 8TH FLOOR PLAN

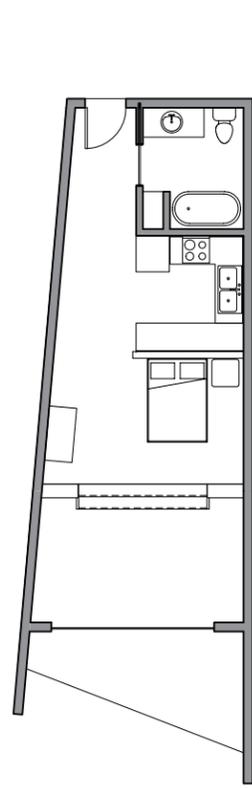


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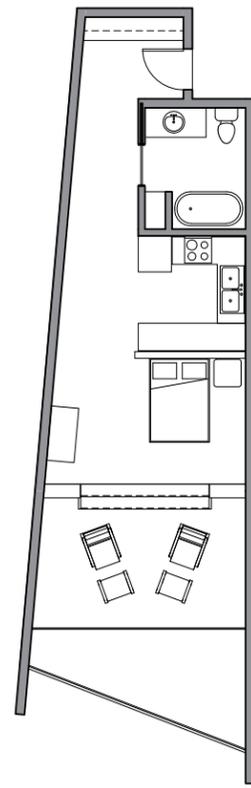


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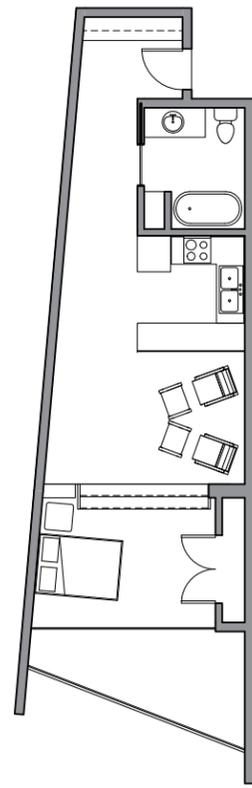
- | | | | |
|---|--------------------|---|----------------|
| A | WORKOUT CENTER | H | LIBRARY |
| B | CAFETERIA | I | LOBBY |
| C | KITCHEN | J | ADMINISTRATION |
| D | MECHANICAL | K | LOUNGE |
| E | POOL | L | INDOOR KENNEL |
| F | MULTI-PURPOSE ROOM | M | OUTDOOR KENNEL |
| G | THEATER | N | BATH ROOM |



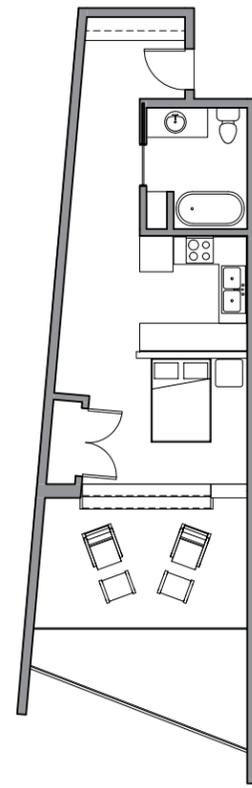
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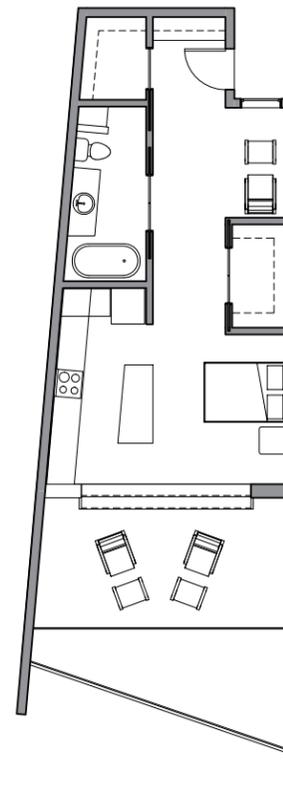
ITERATION 2



ITERATION 3



RURAL 1

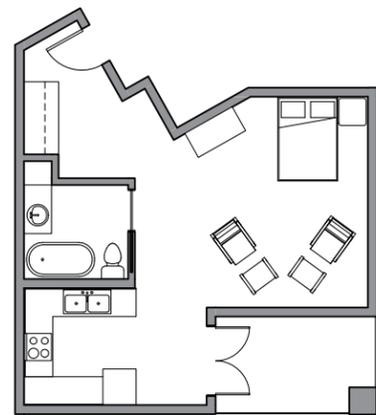


RURAL 2

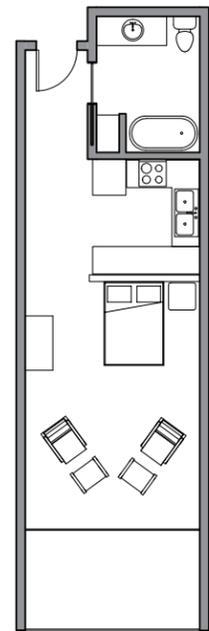
RURAL



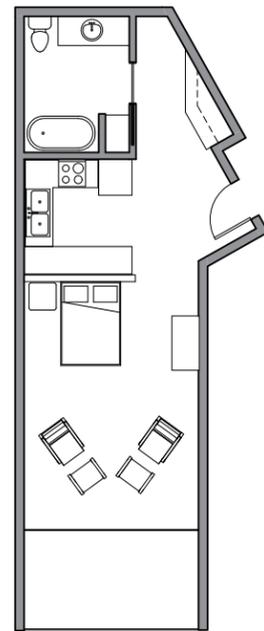
URBAN



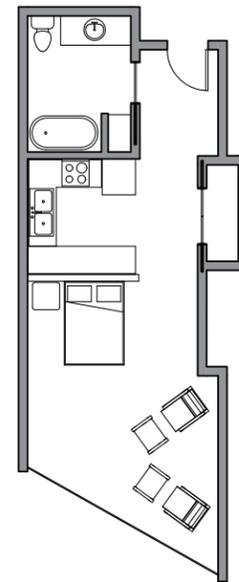
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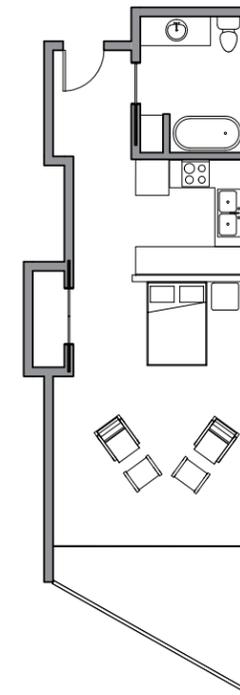
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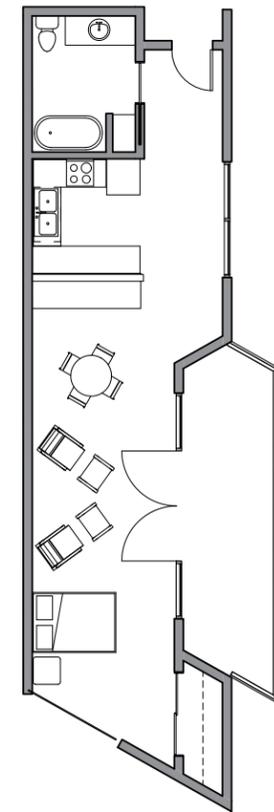
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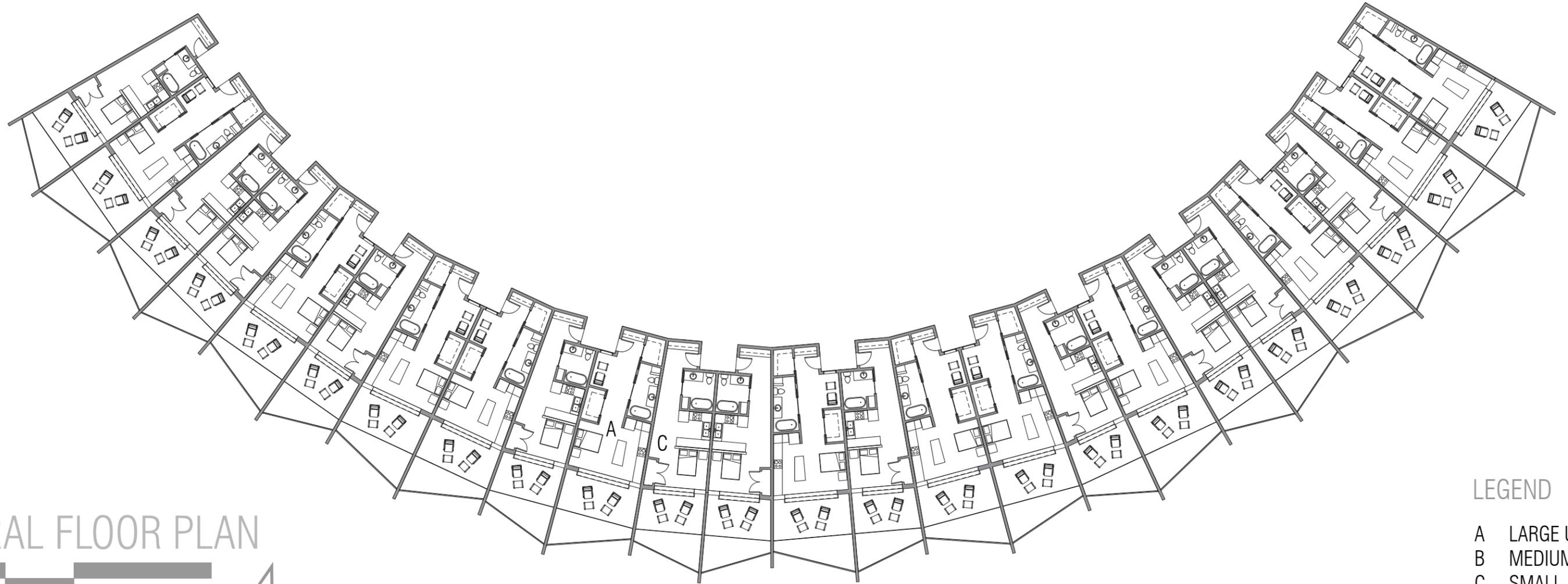
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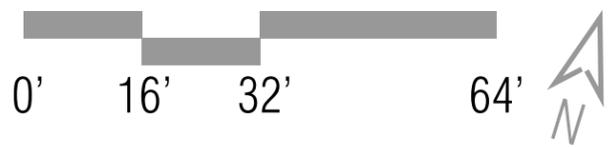
URBAN 2



URBAN 3

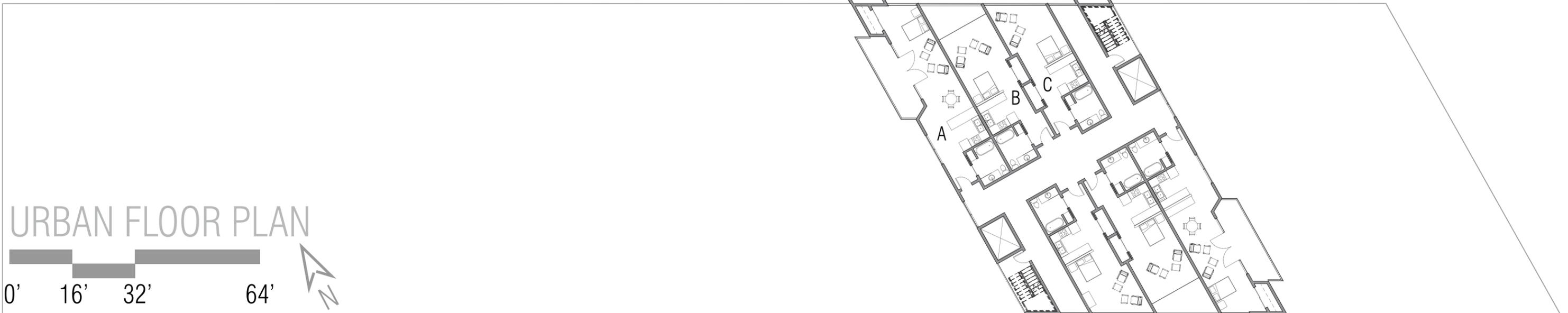


RURAL FLOOR PLAN

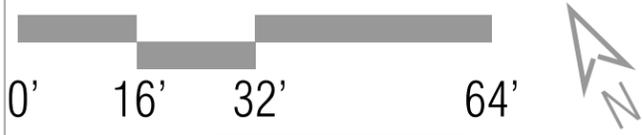


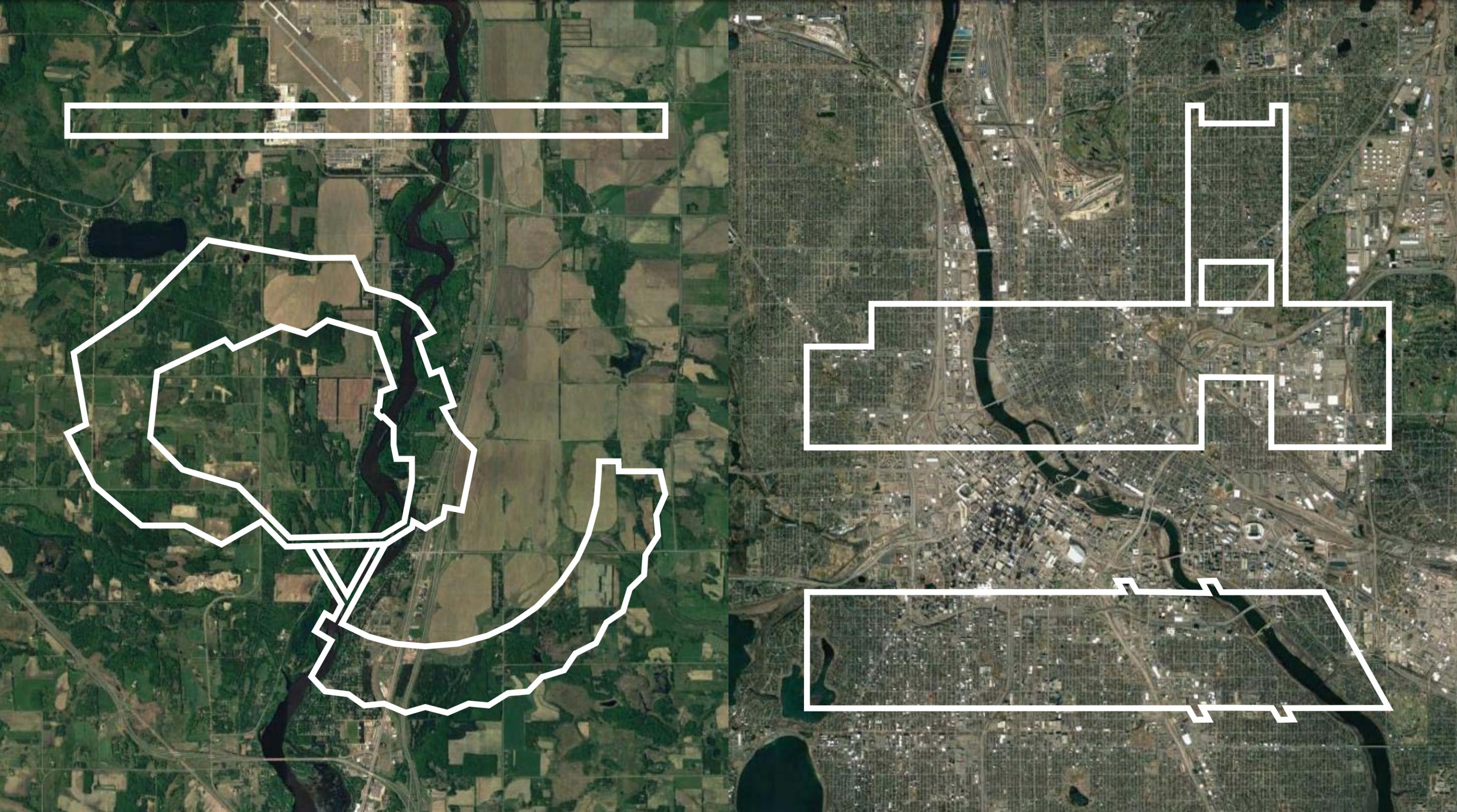
LEGEND

- A LARGE UNIT
- B MEDIUM UNIT
- C SMALL UNIT



URBAN FLOOR PLAN





COMMENTS & QUESTIONS