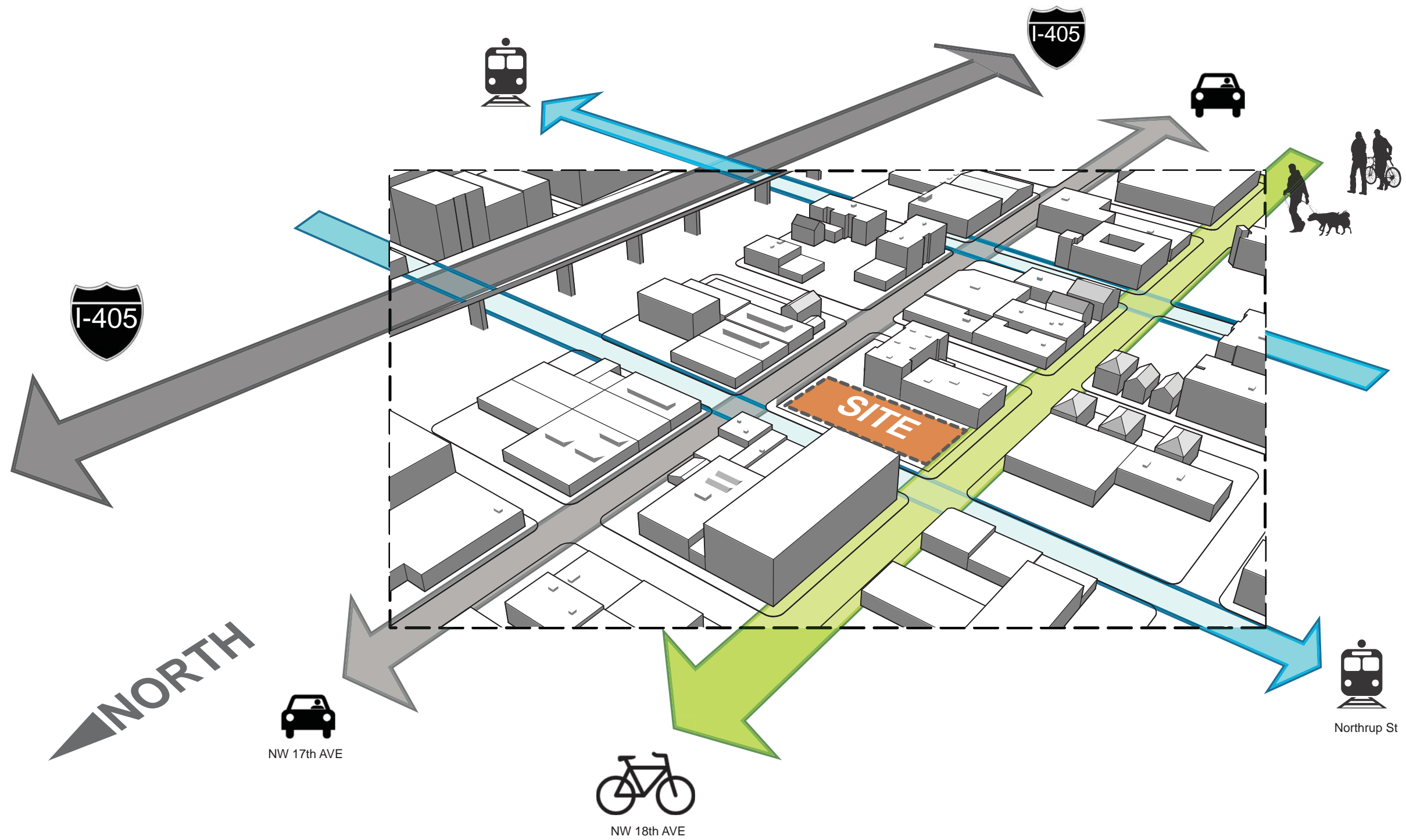
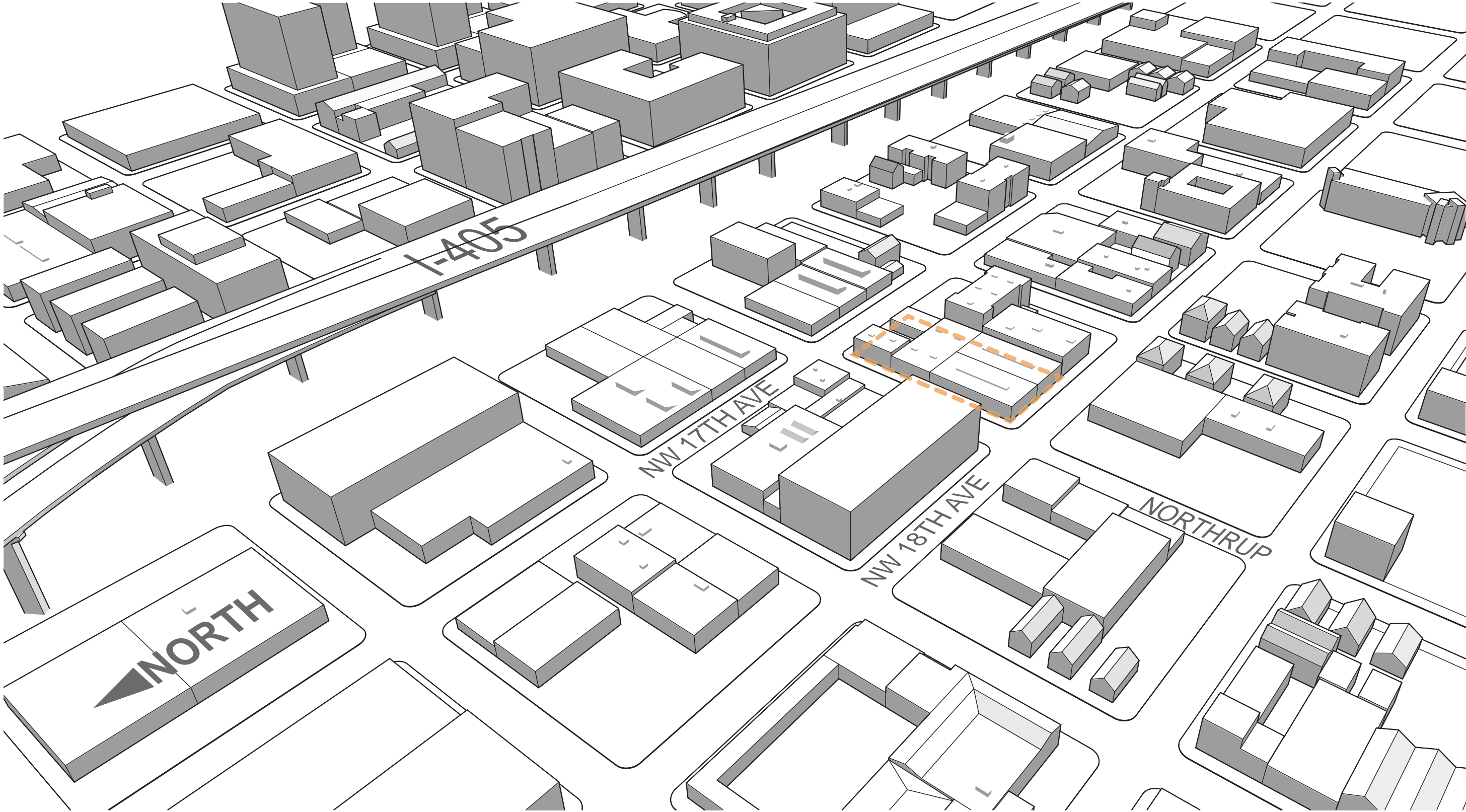




# street character

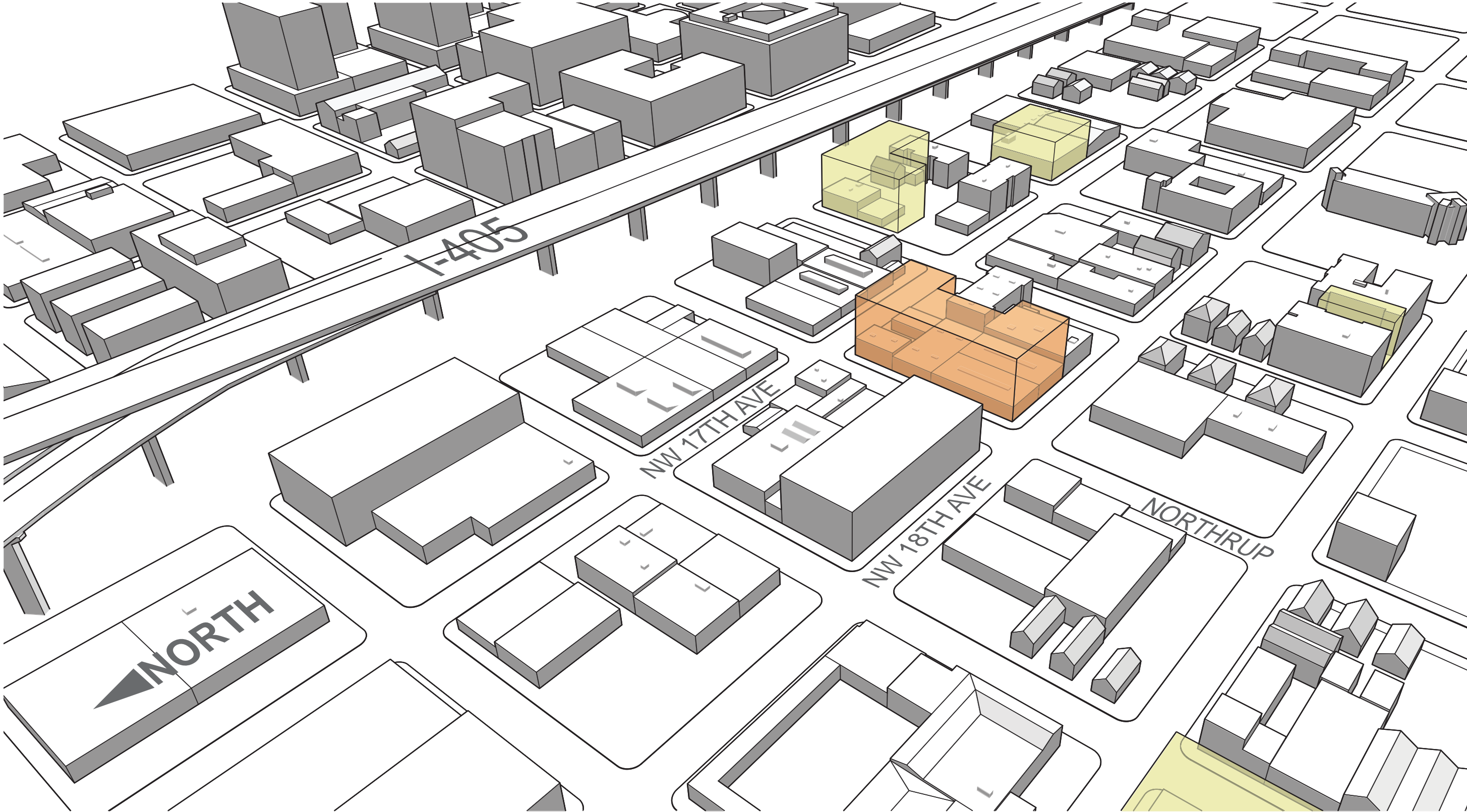


# existing density





# 2-year density





# 10-year density





# site context



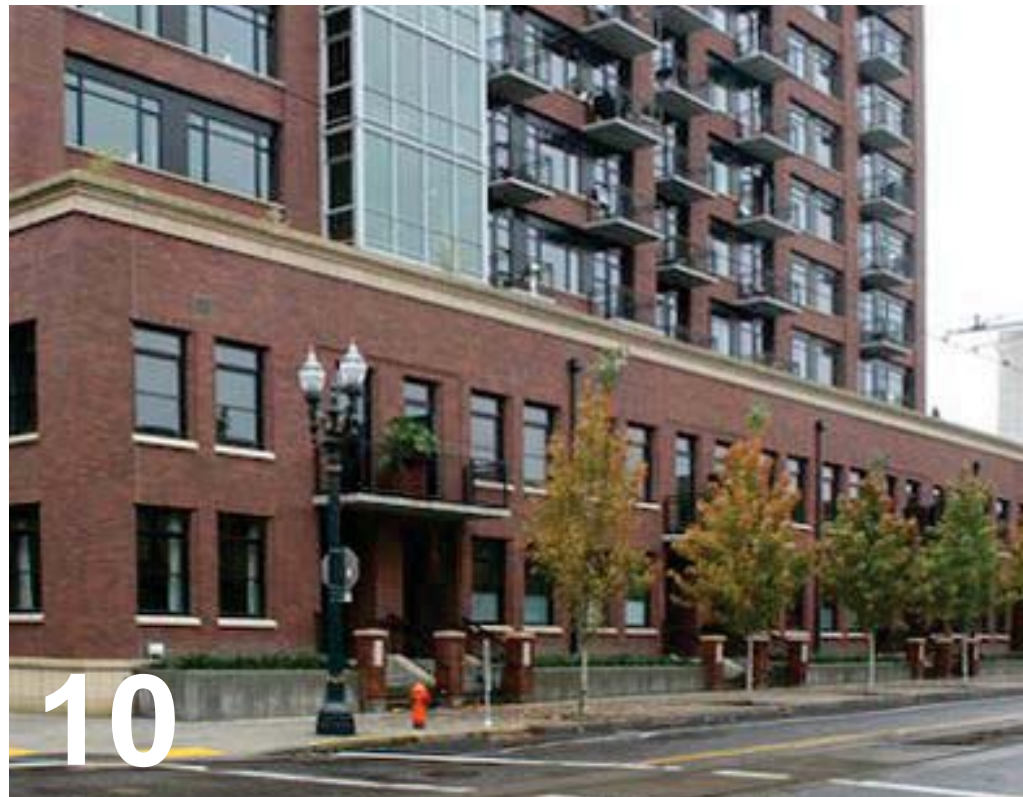


# neighborhood context



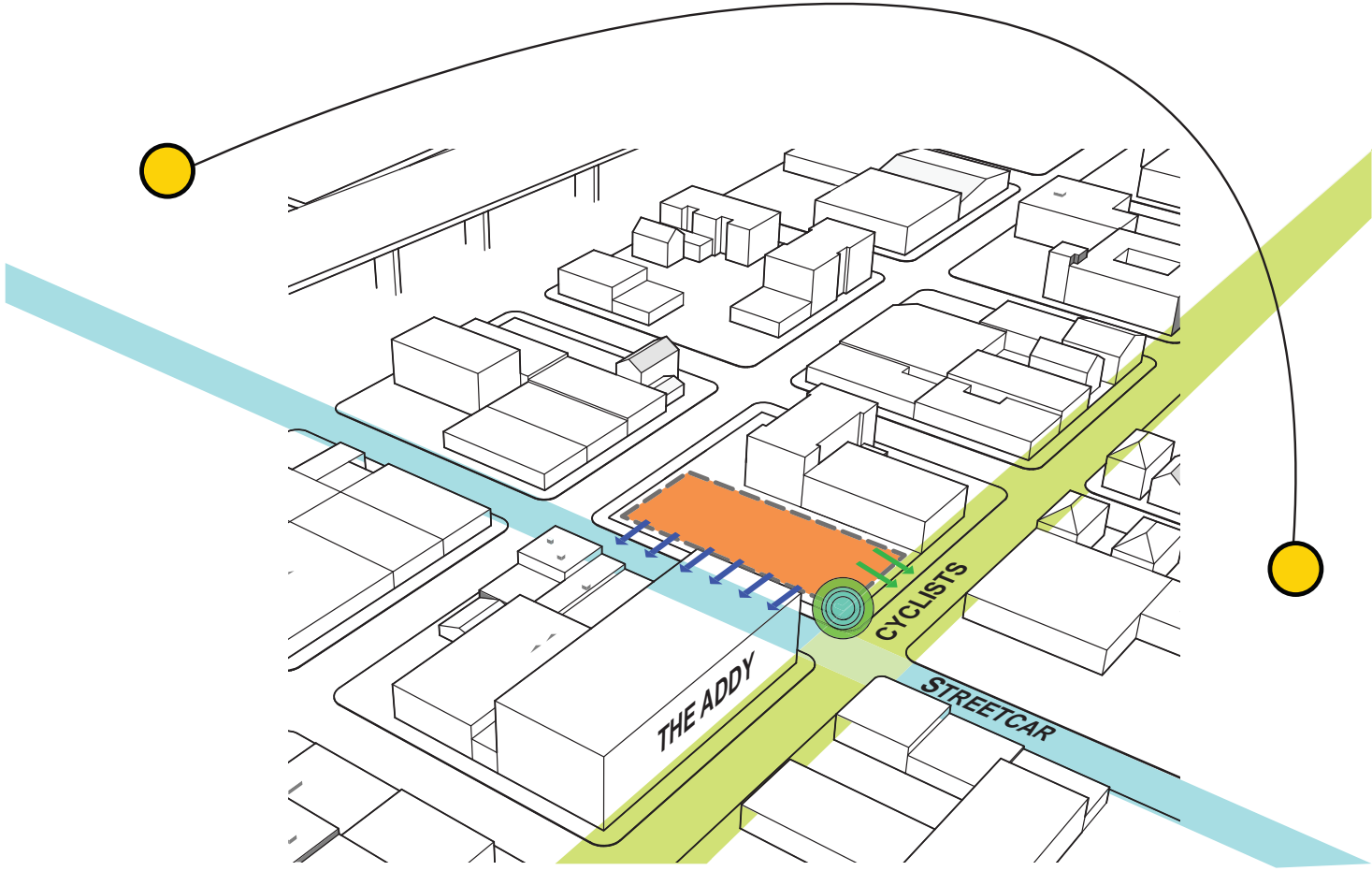


# neighborhood context

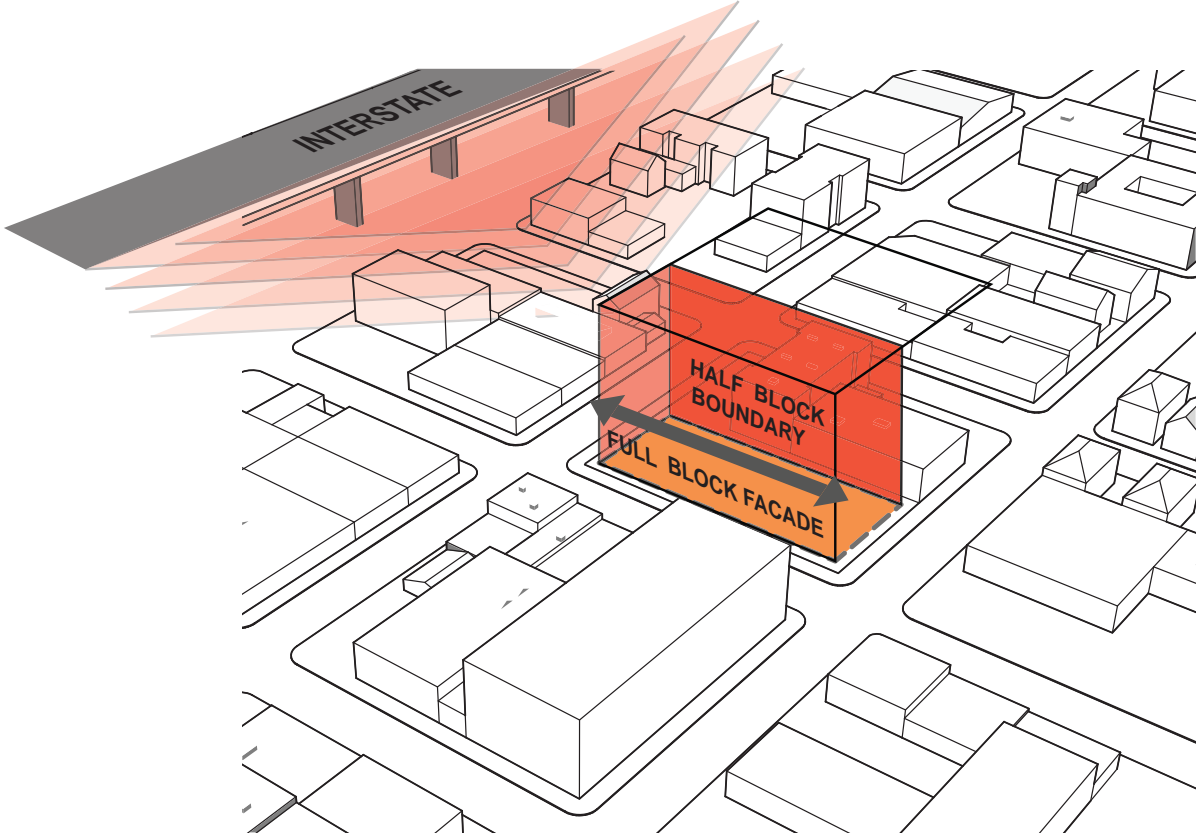




# constraints and opportunities



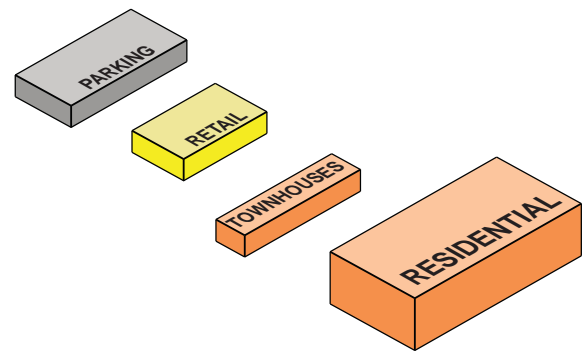
opportunities



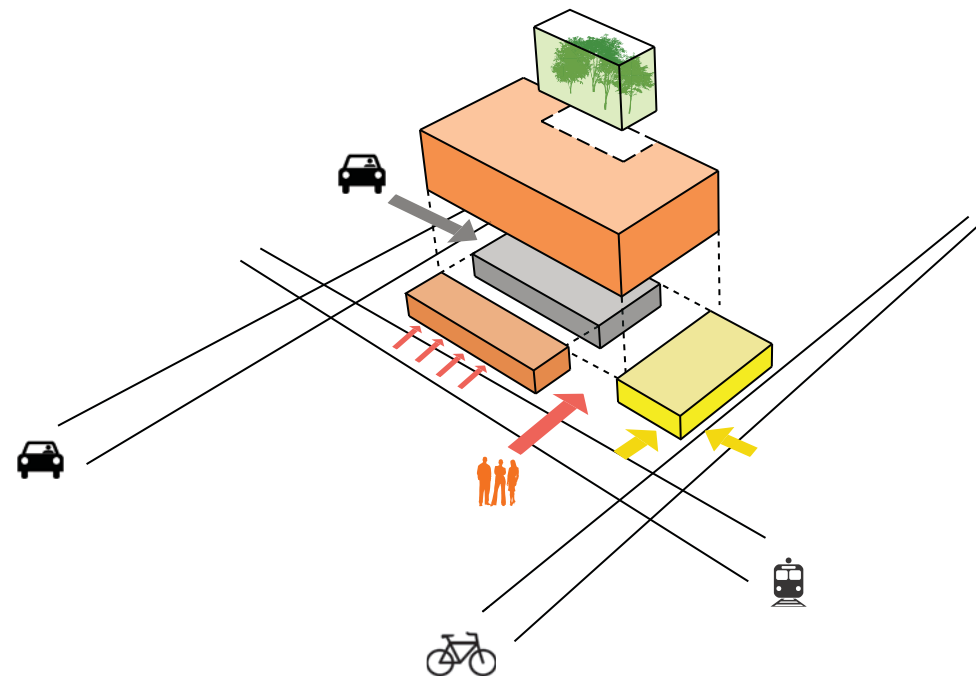
constraints



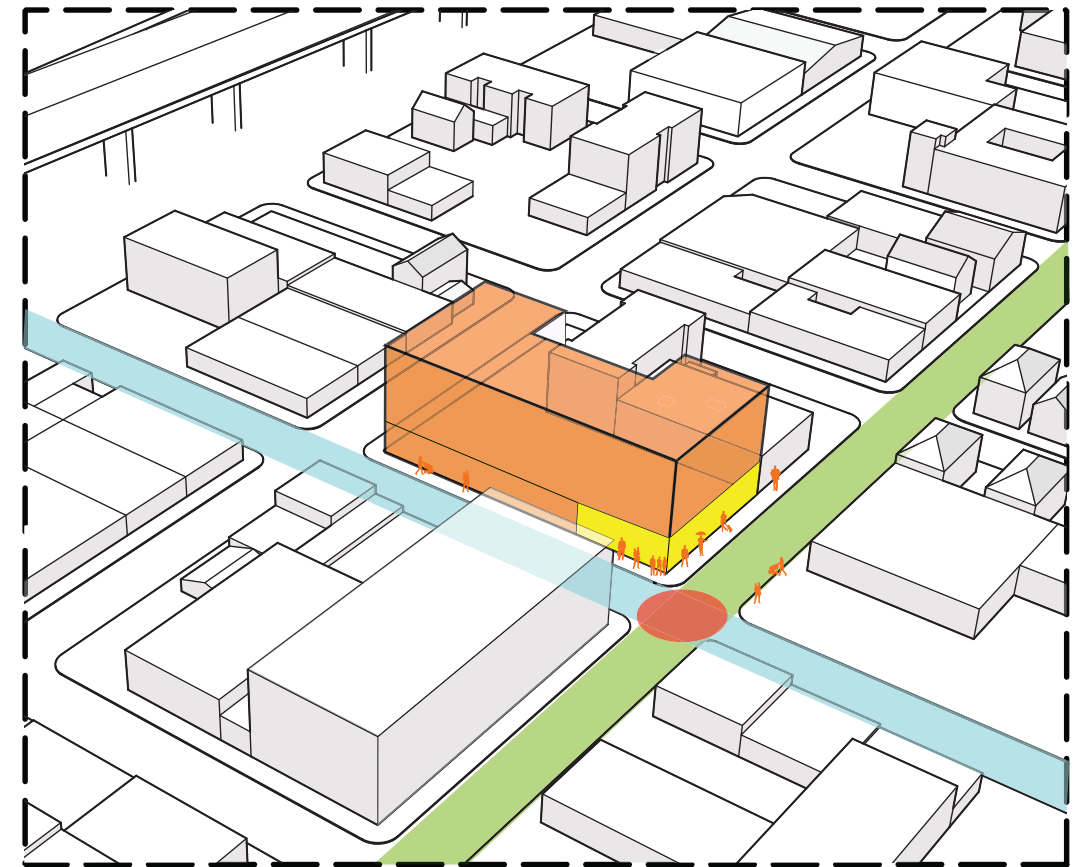
# program



PROGRAM



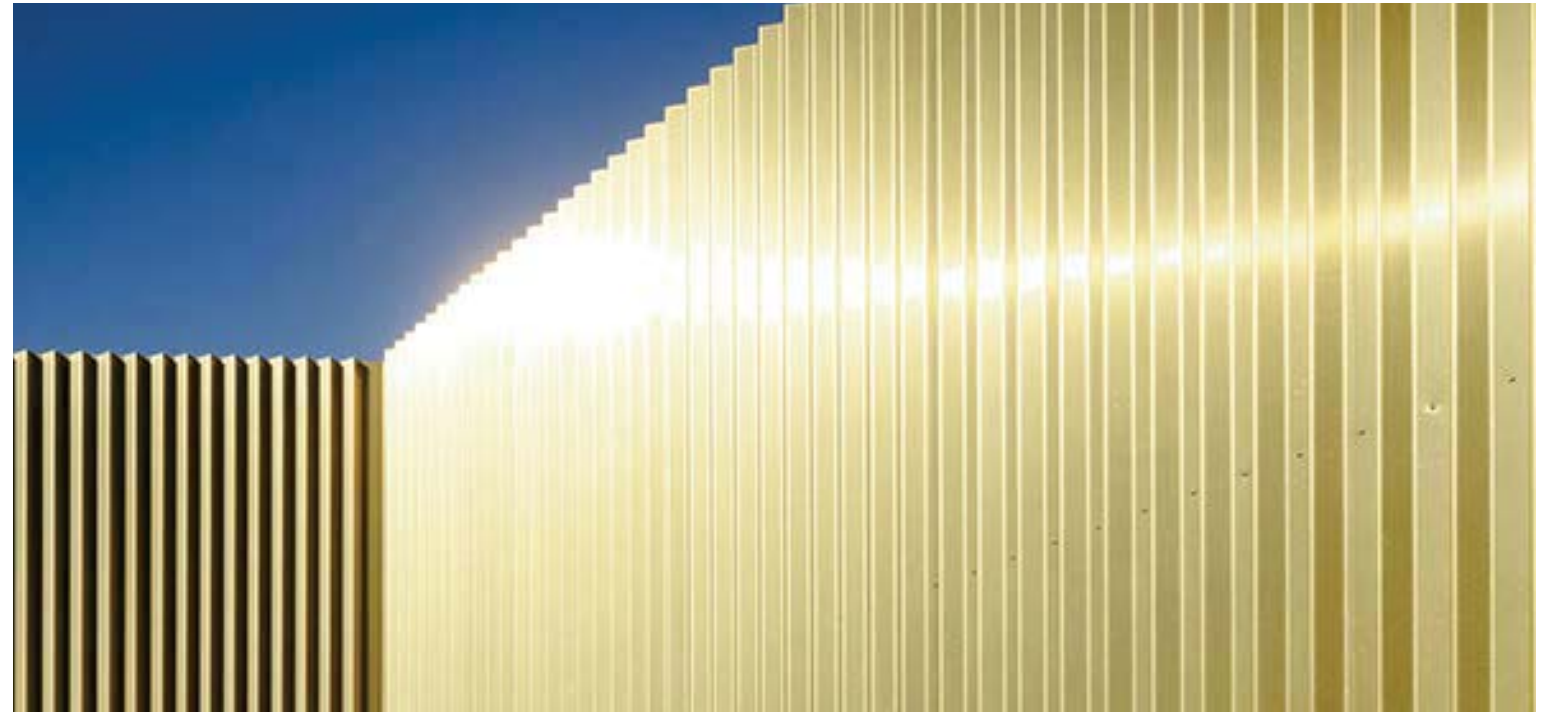
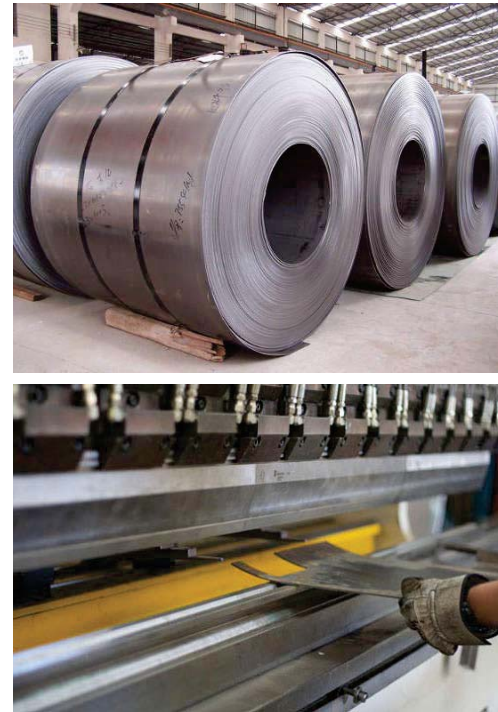
ALLOCATION OF PROGRAM ON SITE



PROGRAM WITHIN SITE CONTEXT



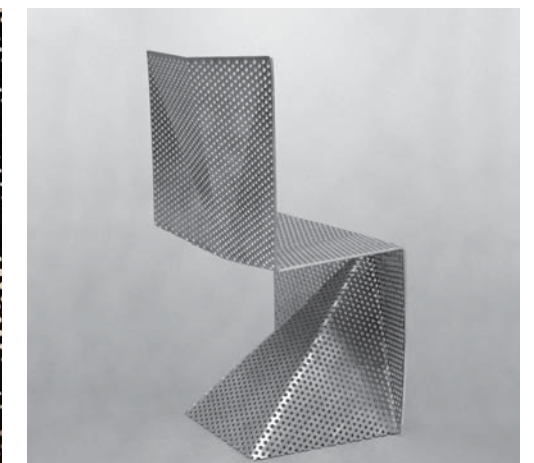
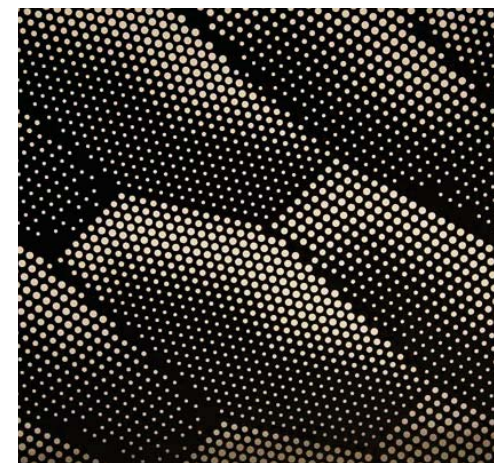
# hirschberger history + sheet metal



The Hirschberger company has existed since 1901, producing custom sheet metal work.

The original factory was located on SW Ankeny, and the works moved to its existing location in 1950.

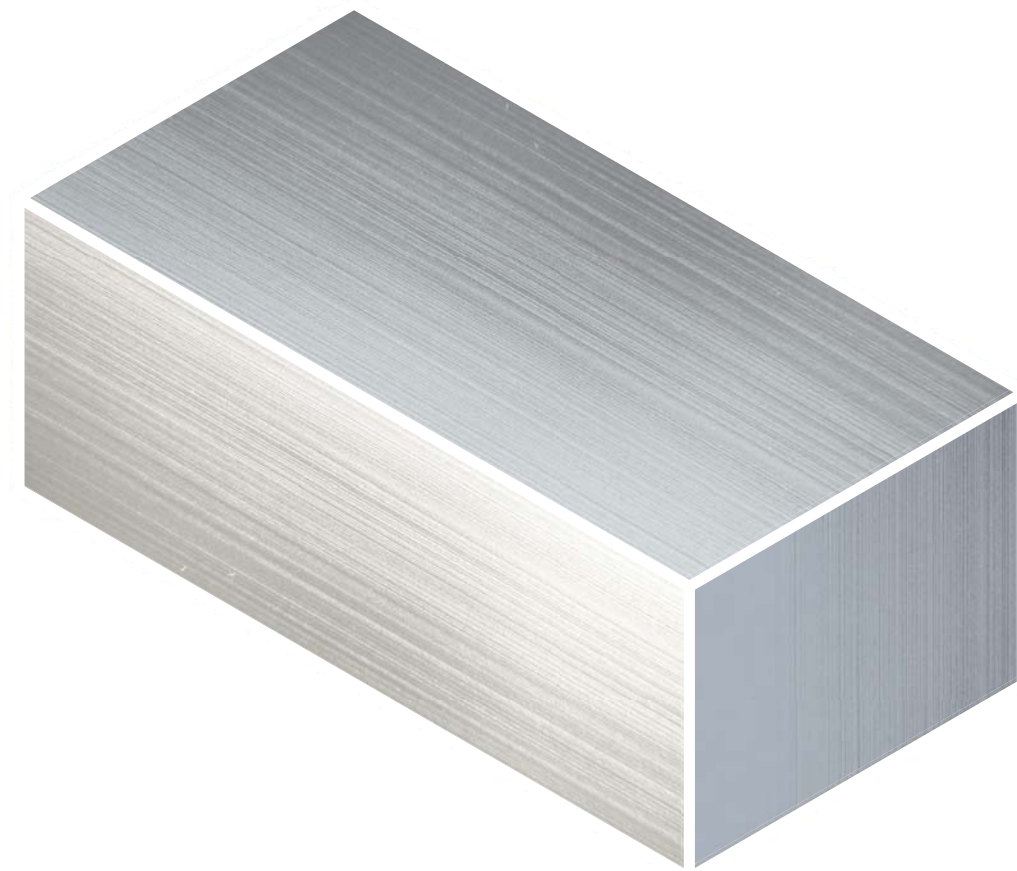
Processes taking place in the factory include drafting, designing, engineering, laser-cutting, bending, grinding, extruding, folding, color-coating. These processes involve more modern equipment such as laser cutting machines as well as traditional equipment such as break presses, bandsaws and grinders.





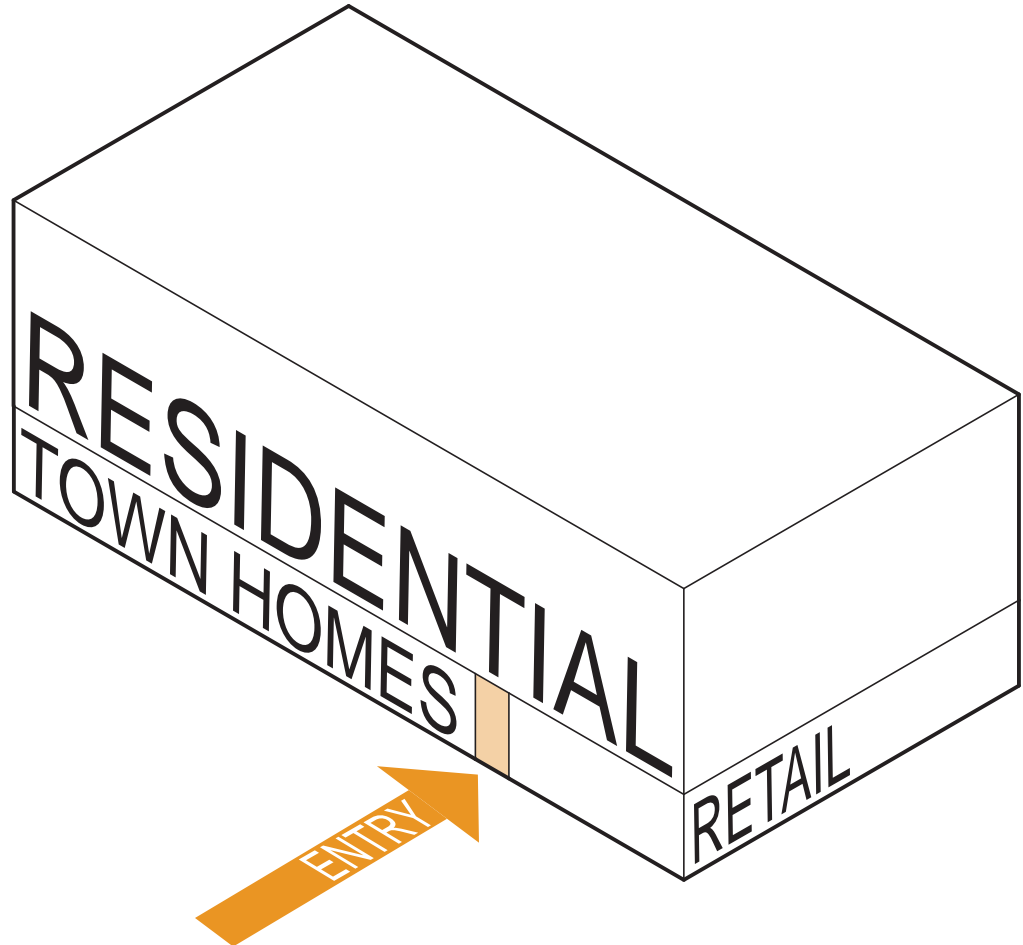
# concept diagrams

1



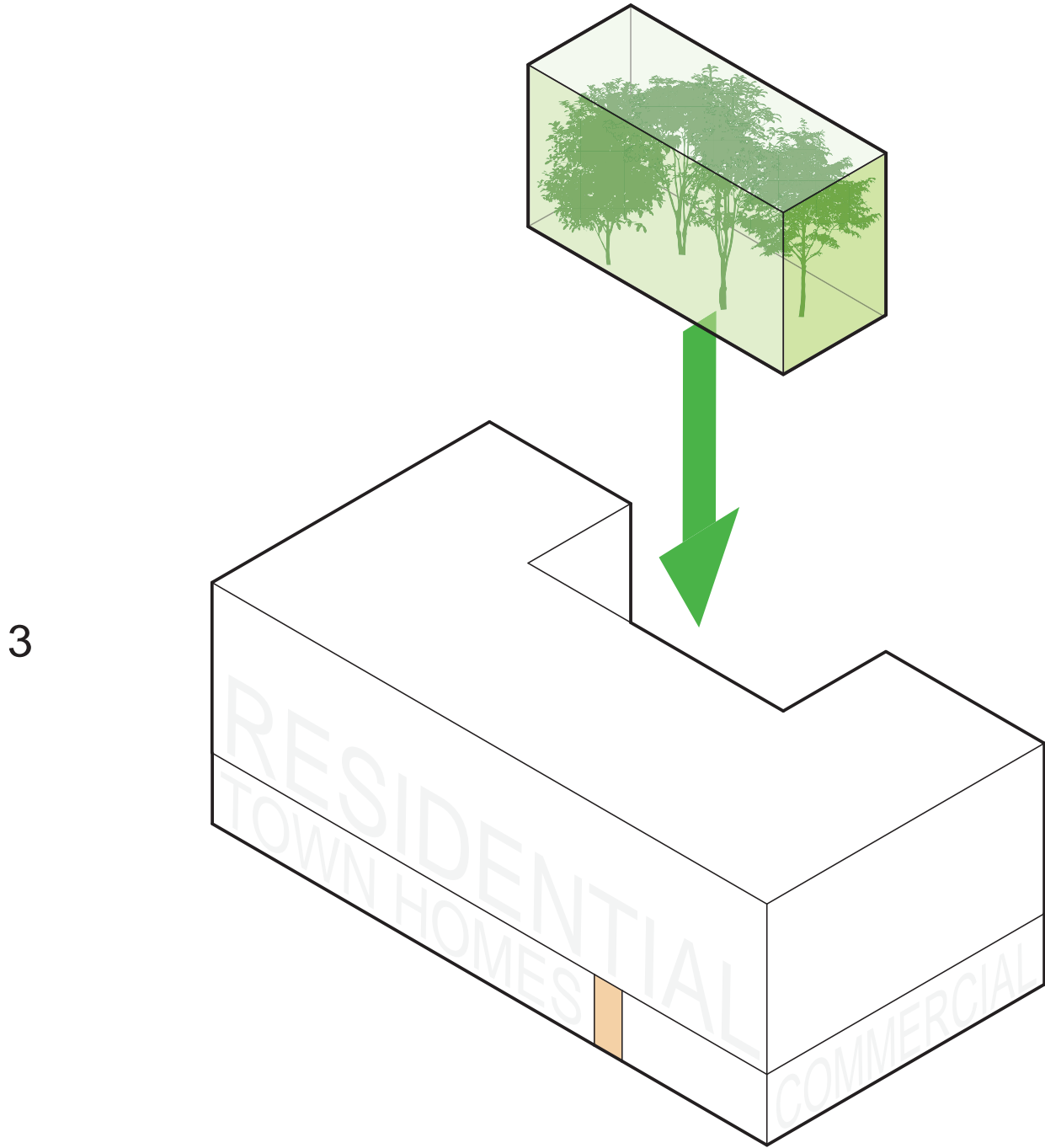
# concept diagrams

2

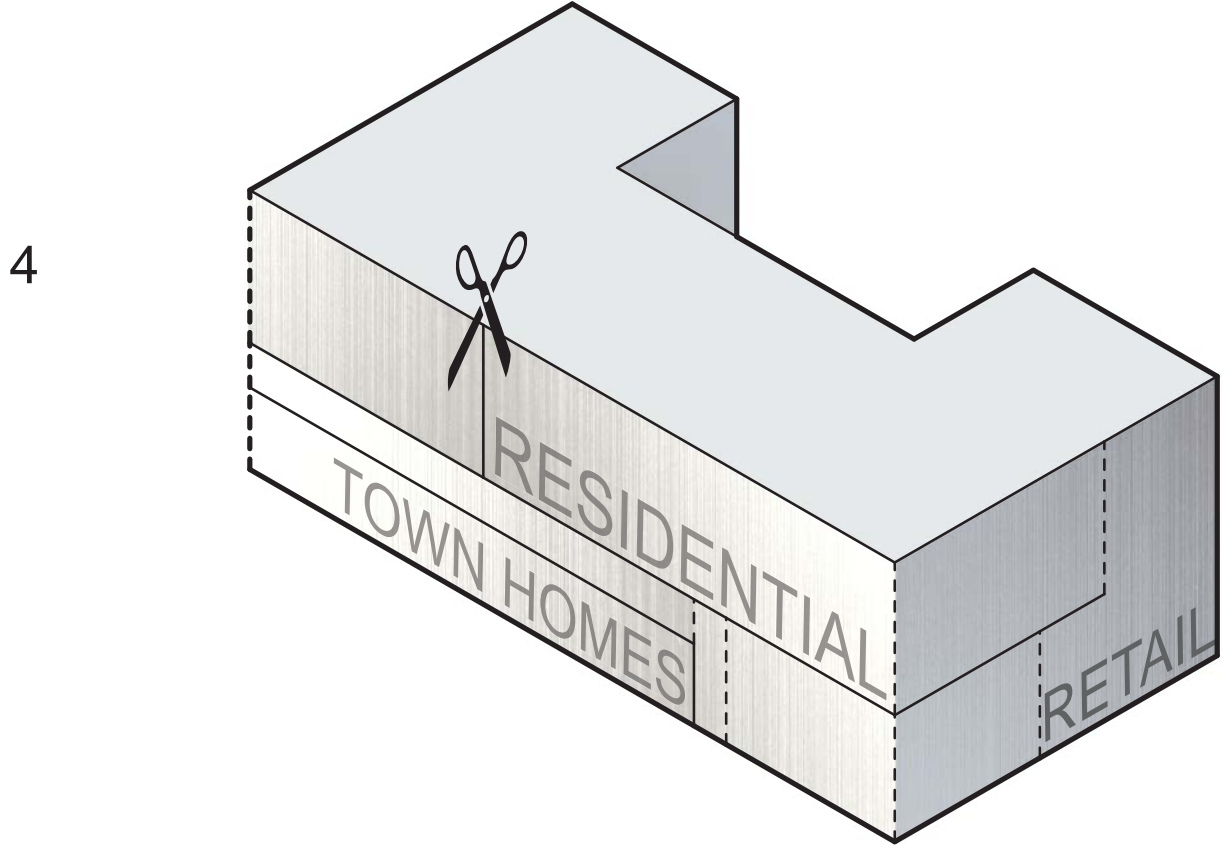




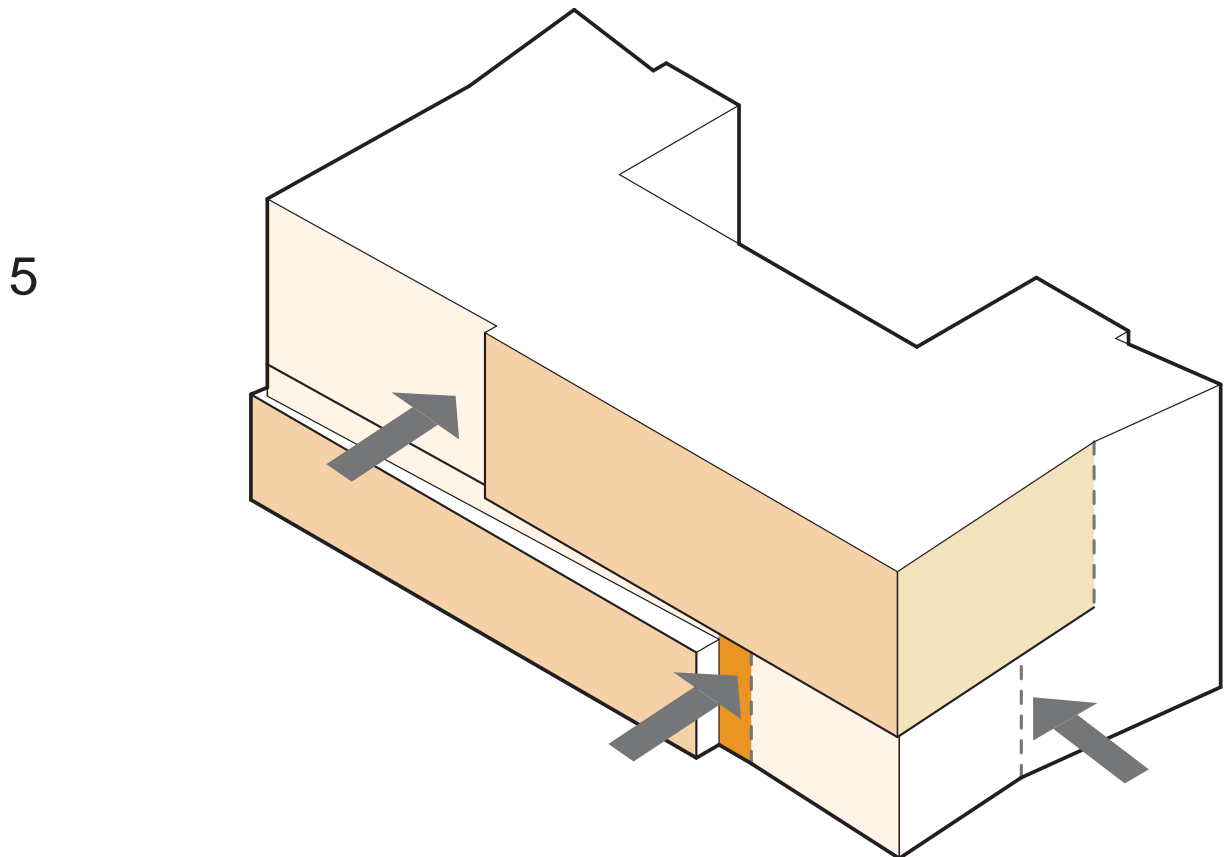
# concept diagrams



# concept diagrams



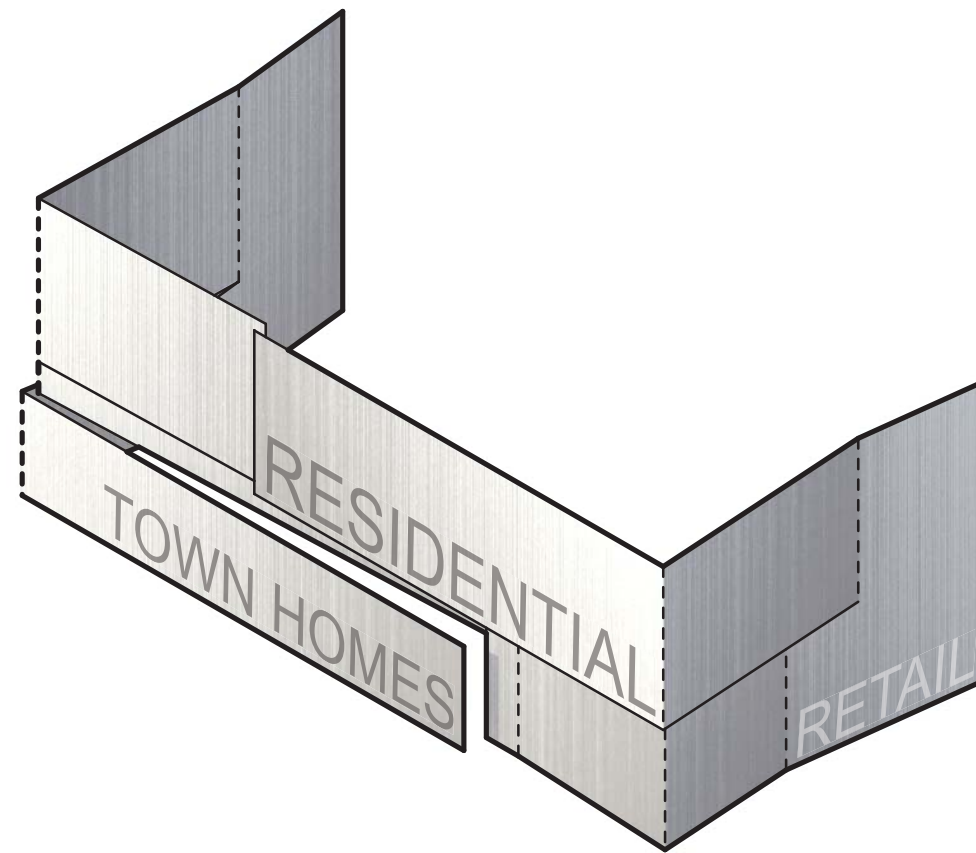
# concept diagrams



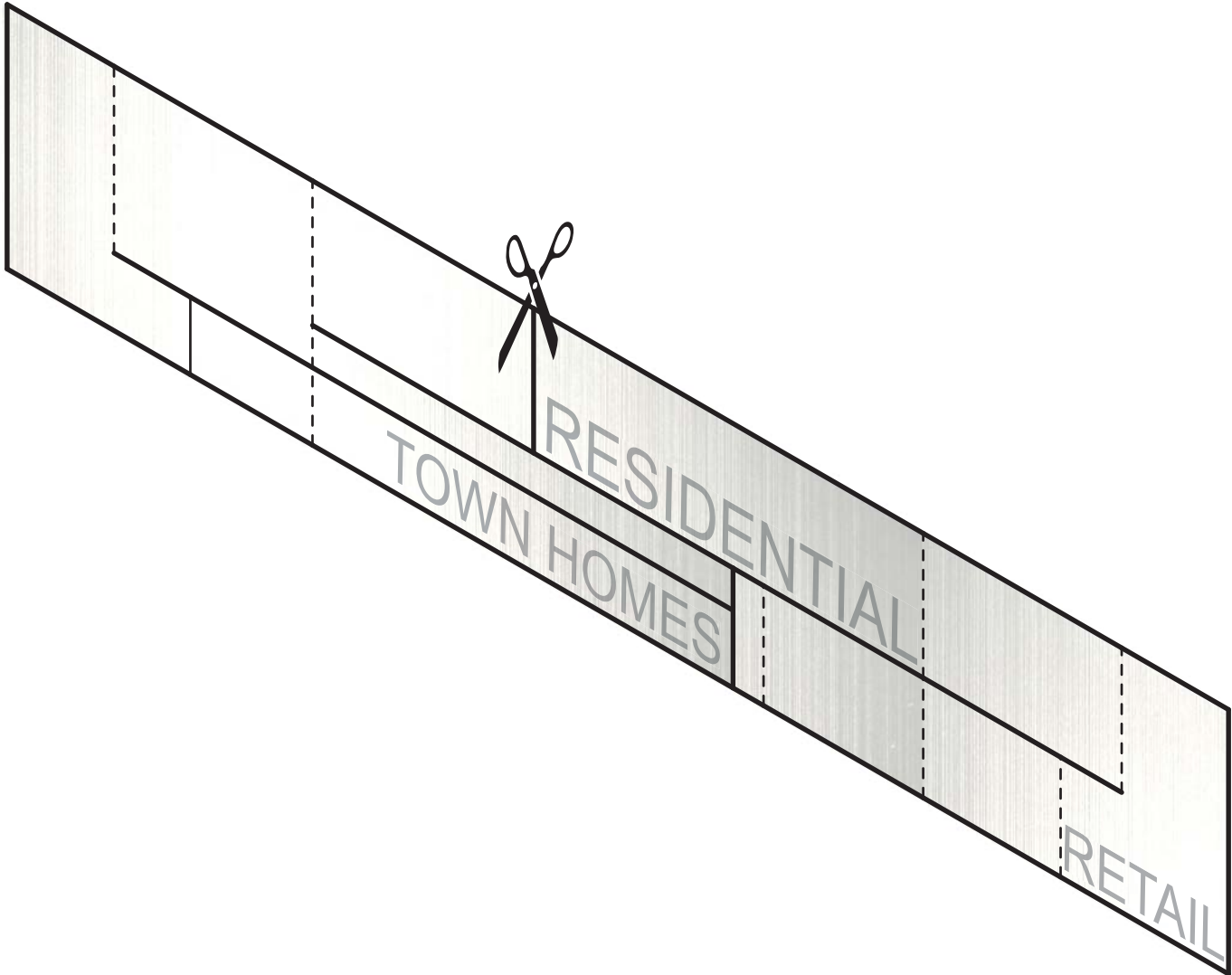


# concept diagrams

6



# concept diagrams





# street perspective



VIEW FROM 17TH LOOKING SOUTHWEST



# street perspective



VIEW FROM 18TH LOOKING SOUTHEAST



# street perspectives



VIEW UP 17TH AVE LOOKING NORTH



VIEW UP 18TH AVE LOOKING NORTH



# aerial view





# aerial view of courtyard



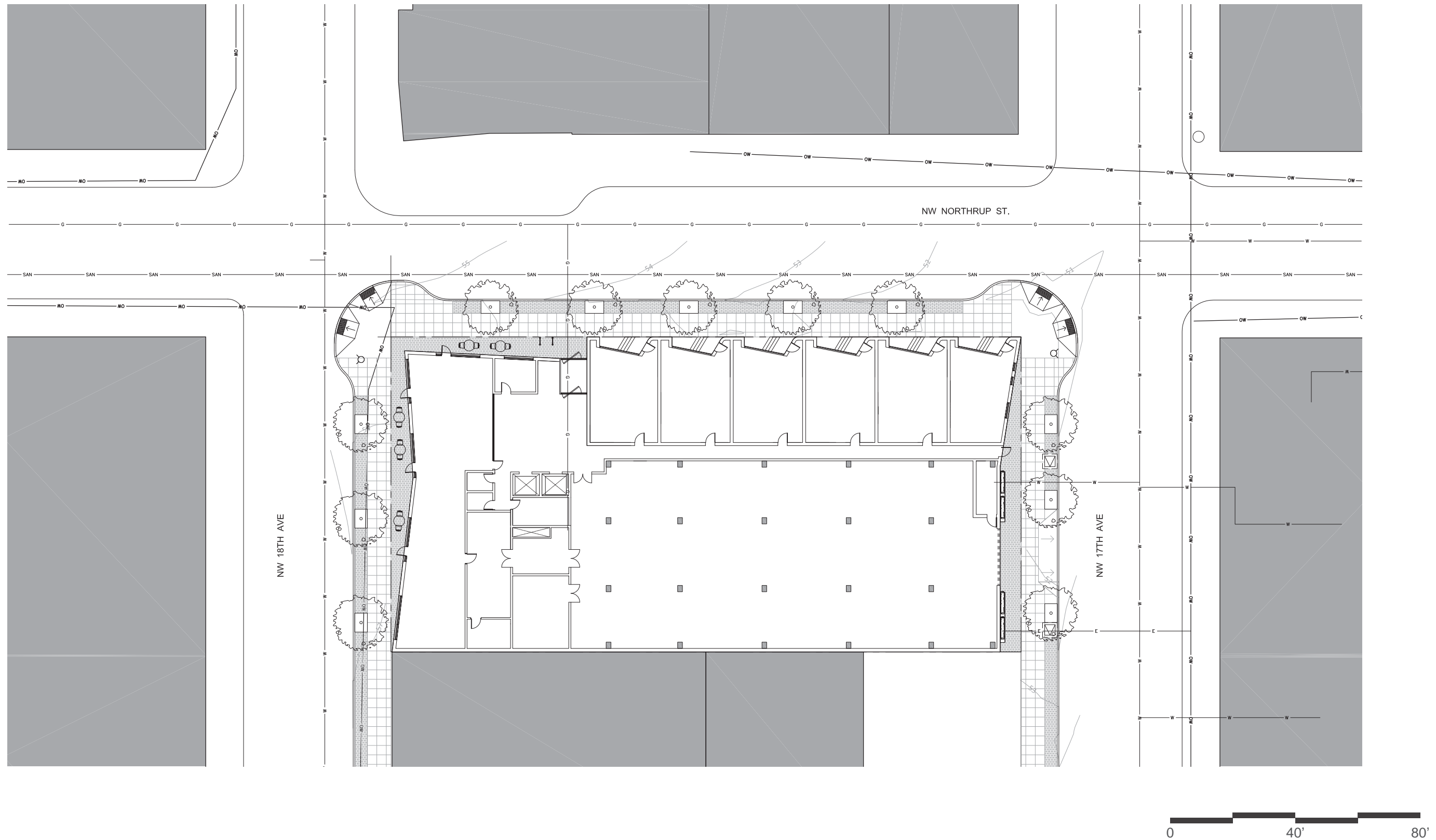


# courtyard perspective

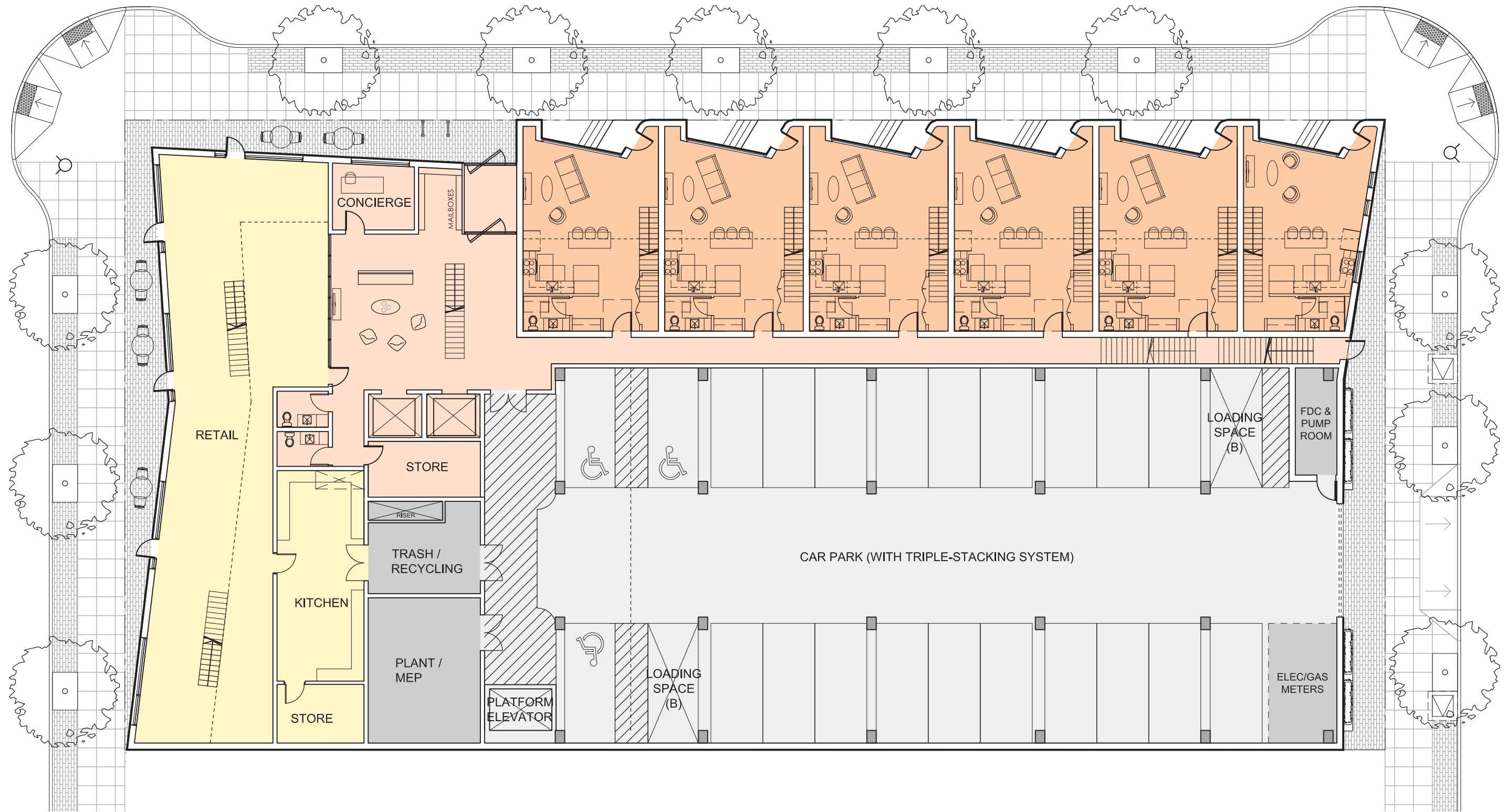




# site plan

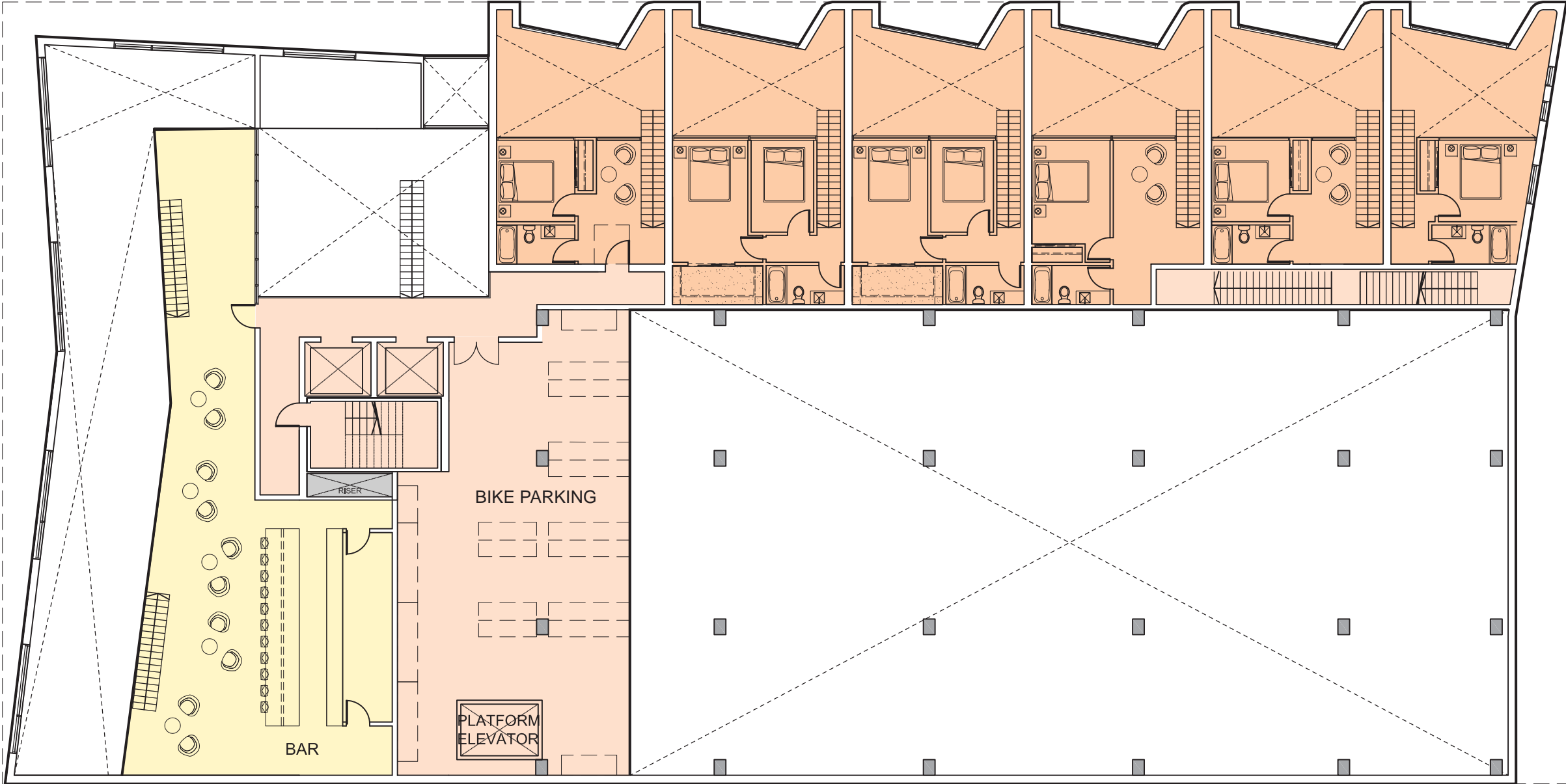


# ground floor



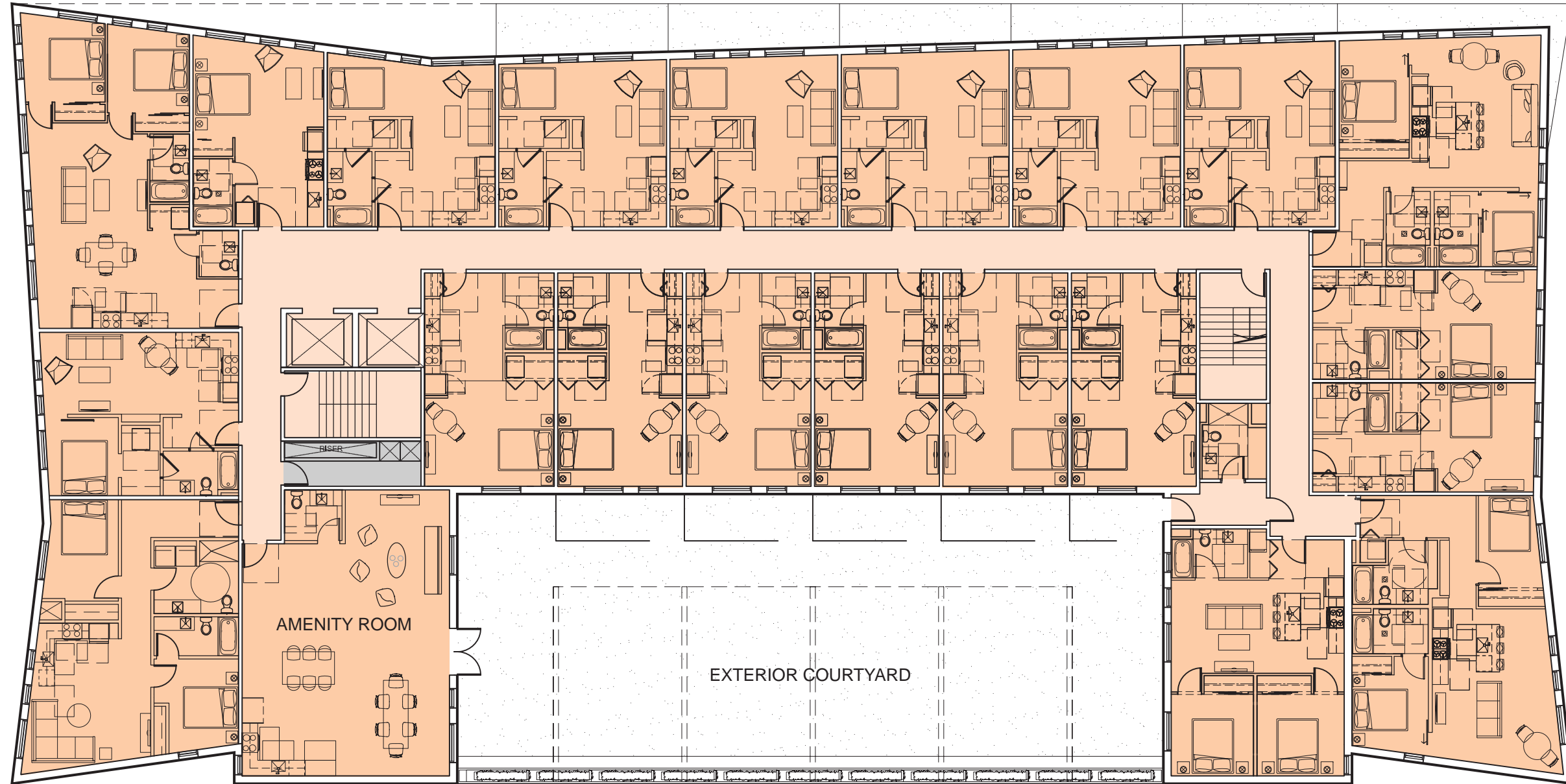


# mezzanine level



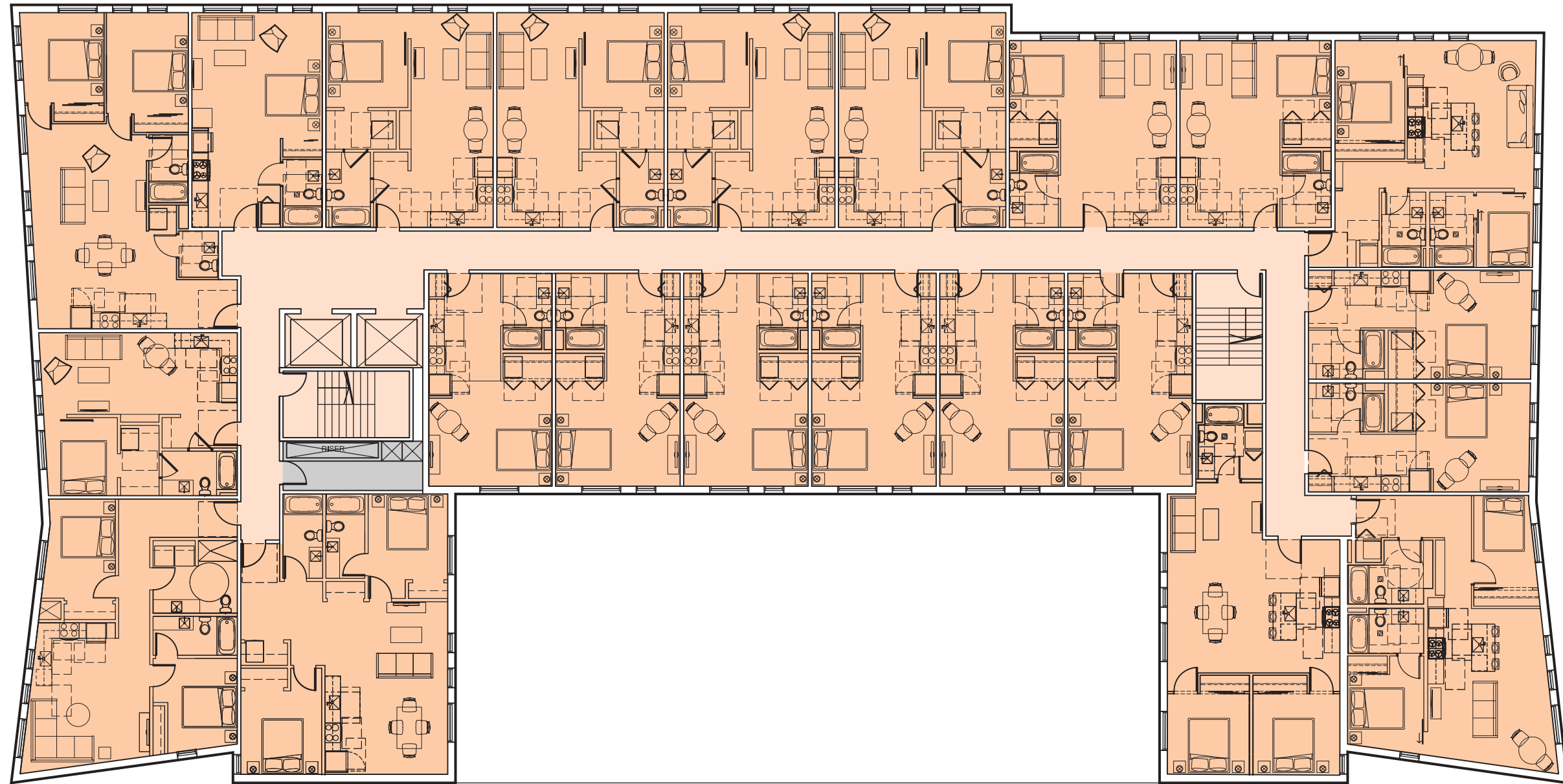


# second floor



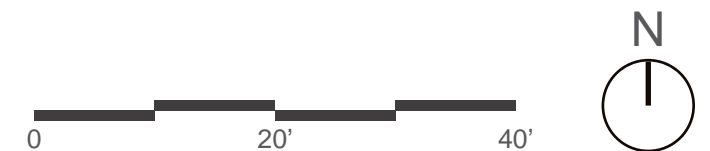
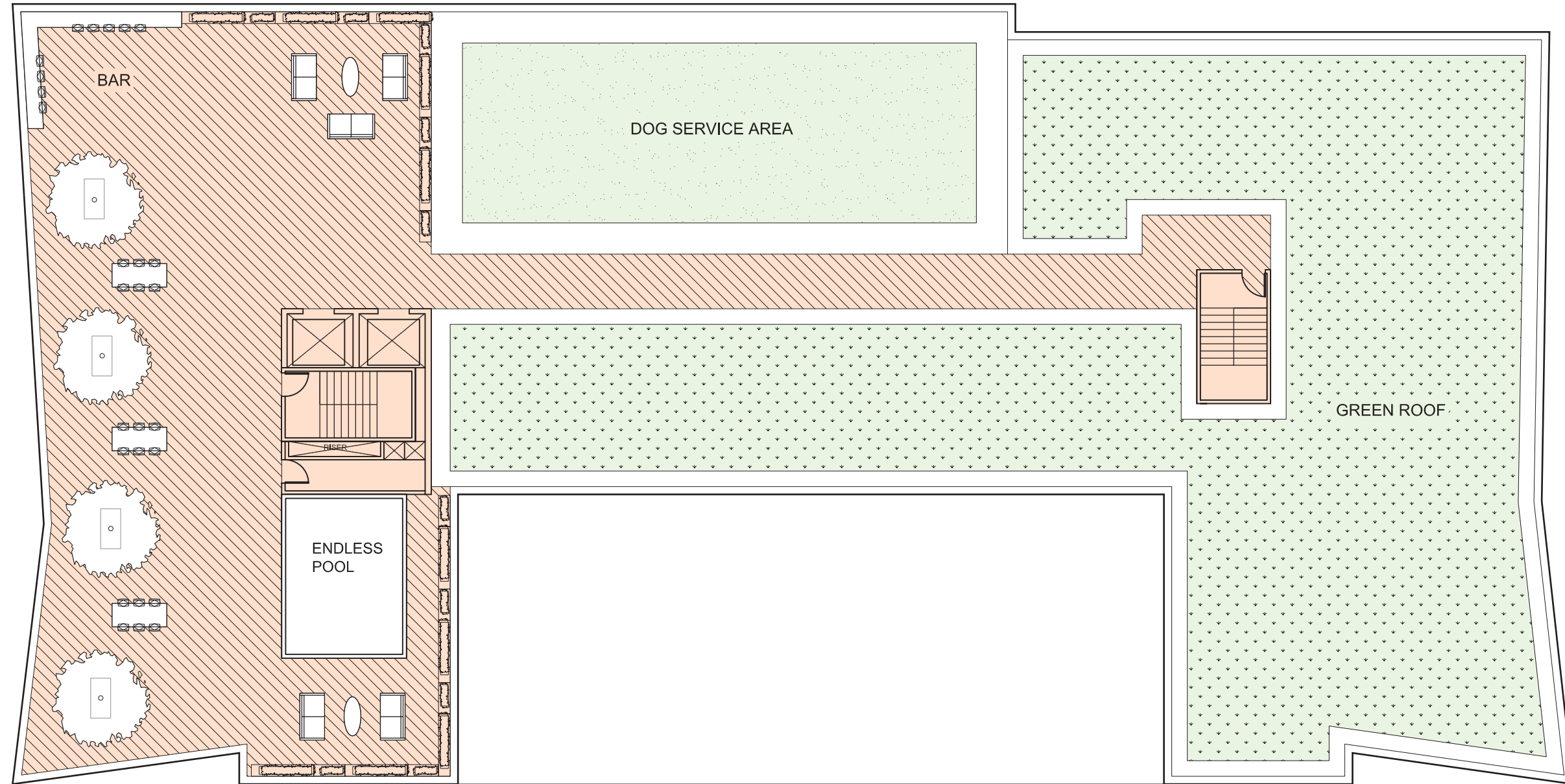


# upper floors





# roof plan





# elevations



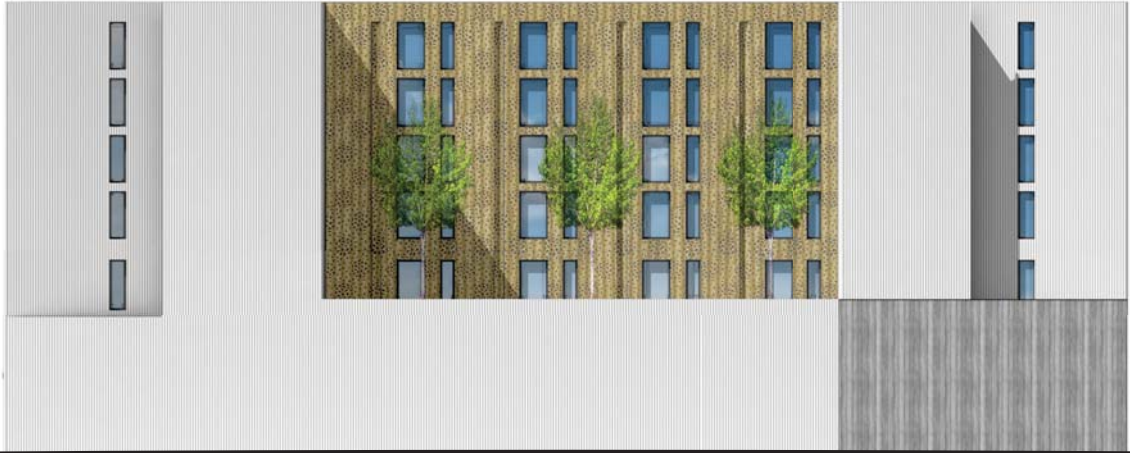
NORTH ELEVATION



EAST ELEVATION



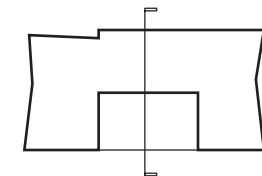
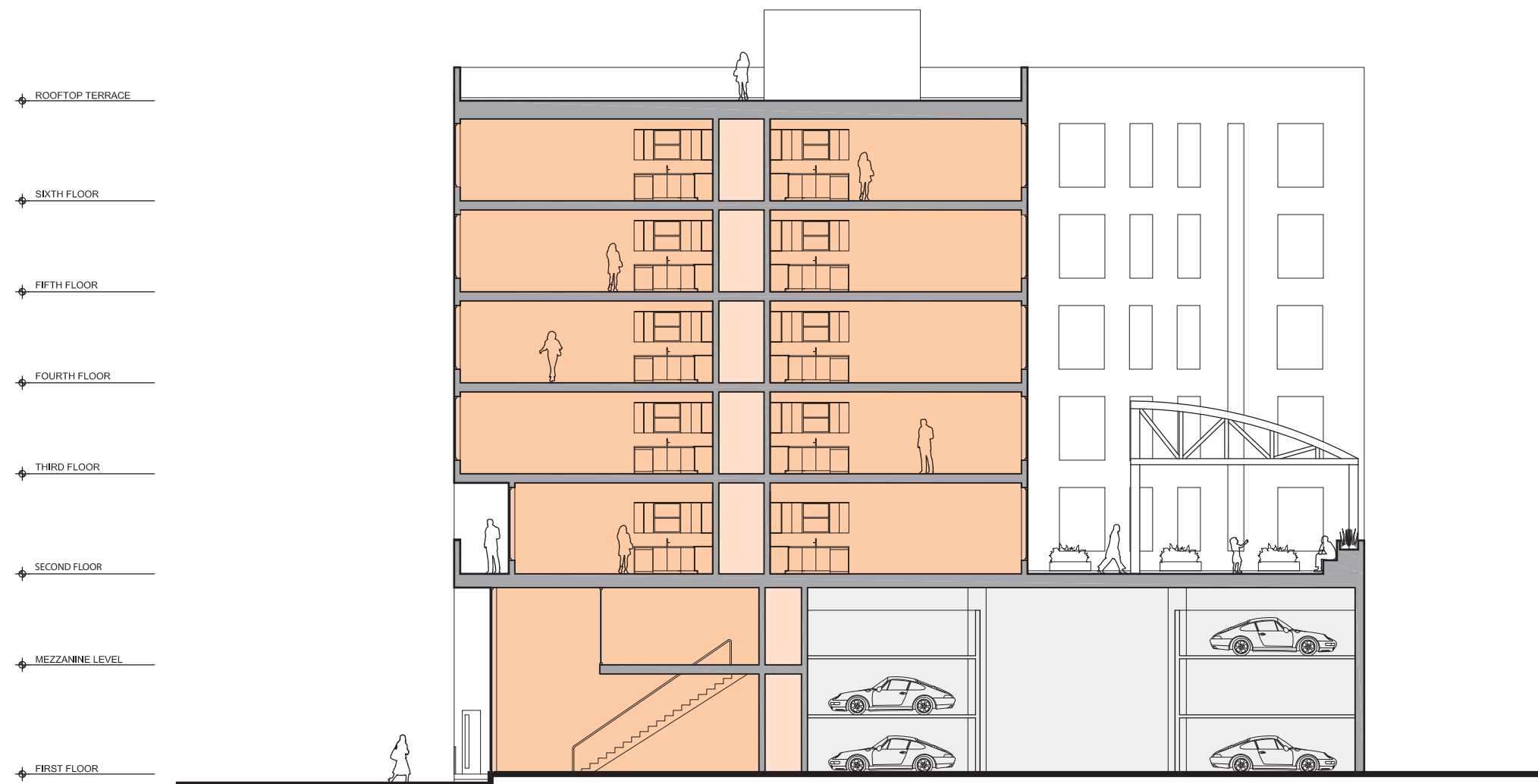
WEST ELEVATION



SOUTH ELEVATION

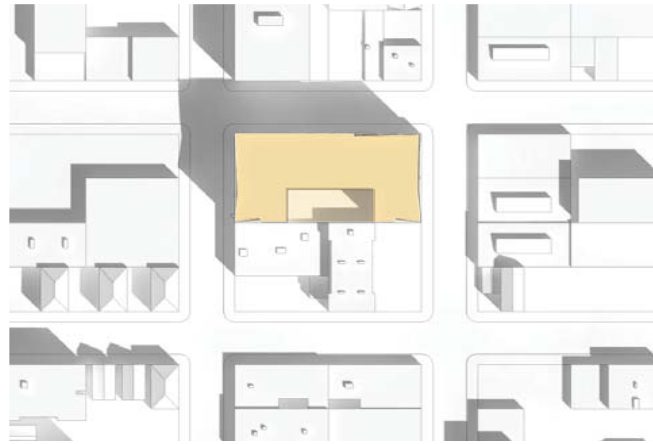


# building section

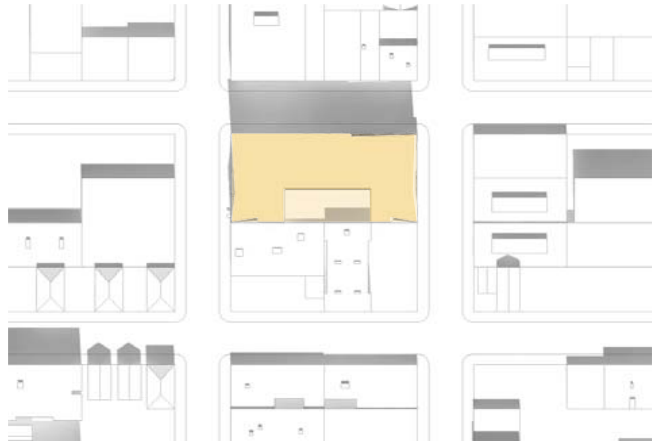




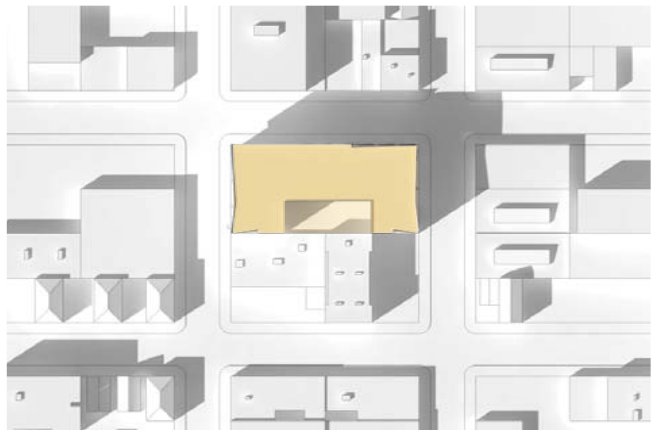
# shading studies



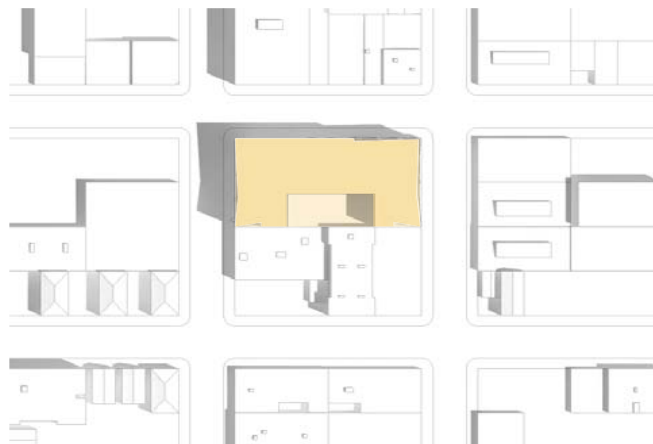
Equinox at 10:00 am



Equinox at 12:00 pm



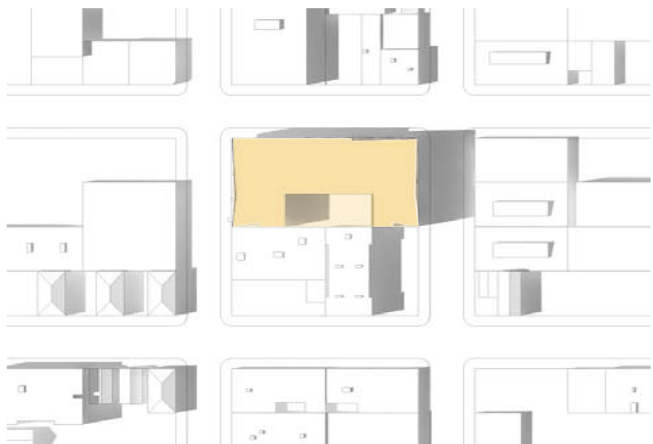
Equinox at 3:00 pm



Summer Solstice at 10:00 am



Summer Solstice at 12:00 pm



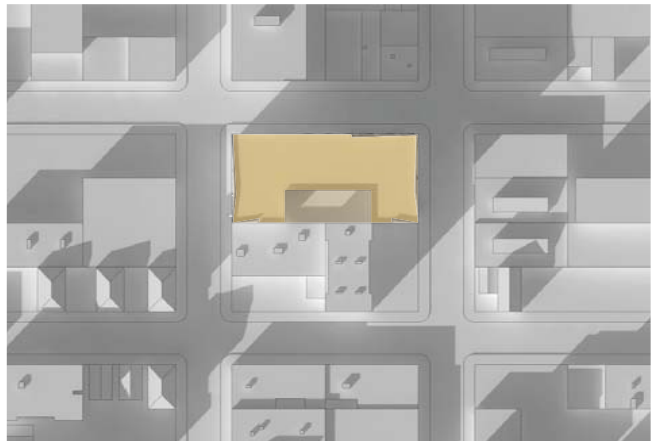
Summer Solstice at 3:00 pm



Winter Solstice at 10:00 am



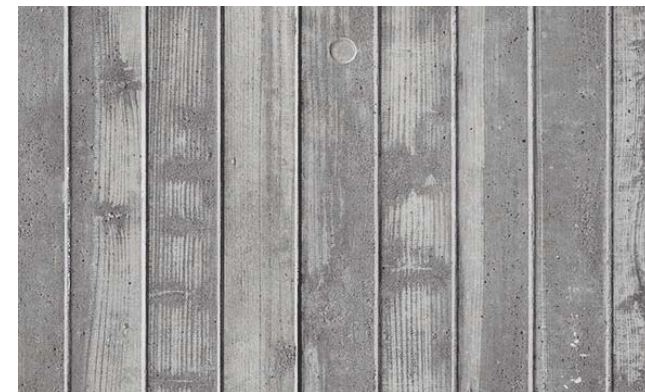
Winter Solstice at 12:00 pm



Winter Solstice at 3:00 pm



# material precedents







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