

# **Visualizing Density**

Julie Campoli • Alex S. MacLean

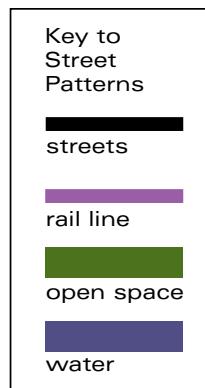
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Julie Campoli, and Alex S. MacLean  
Aerial photographs © 2007 Alex S. MacLean

This CD contains the Density Catalog section of the book  
*Visualizing Density* by Julie Campoli and Alex S. MacLean,  
which was published by the Lincoln Institute of Land Policy,  
Cambridge, MA.

**This CD is made available for educational purposes only,**  
as a way for planning officials, planning board members,  
citizens, educators, and others to share information about  
residential density in public meetings, classrooms, and  
other such venues.



Chicago, Illinois



# The Density Catalog

Density is easy to calculate. Divide the number of persons by the number of square miles, or the number of housing units by the number of acres, and you will know the density of a given area. But, although measuring density is a rational process, our perception of density is neither rational nor quantifiable. What does a place look like? How does it feel to be there? These qualitative factors, not numbers, determine how we perceive density. We react to the physical environment, which can be shaped in countless ways. How we arrange the streets, buildings, and open spaces of cities and neighborhoods affects the perception, or feeling, of density.

This density catalog shows both physical qualities and numerical measures. It contains aerial photographs of more than 250 neighborhoods across the country, noting the density in housing units per acre for each site. Four photographs of each location are included—a close-up view, a context view, a neighborhood view, and a plan view. Yellow lines superimposed on each context image show the extent of the area measured. Street pattern diagrams drawn at the same scale show the differences in street and open space layout. The catalog is organized by density level, from low density (less than 1 unit per acre) to high density (296 units per acre).

The catalog provides an impartial view of many ways to design neighborhoods. It includes a broad sample of contexts and regions, as well as design approaches. The format is objective, with the sites represented consistently. Your evaluation of these places, however, will be subjective. You will find some neighborhoods attractive and others unappealing. As you browse the images, notice the variety within a given range. For example, 13 different sites have a density between 8 and 9 units per acre. They share a similar measured density, but each has a distinct physical character. It is not density that makes a neighborhood appealing or appalling, but form—the street layout, arrangement of buildings, quality of architecture, and use of open space.

This collection of images is an introduction to the visual form of residential density, but it is also a planning and design tool. Use it to gain consensus on the form that density should take in your community. It will help you and others understand the link between density and design, and enable you to conjure mental images of density you can live with.



## LESS THAN 1 UNIT PER ACRE



Beverly Hills, CA 0.2 units / acre



Hollister, CA 0.3 units / acre



Broomfield, CO 0.3 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



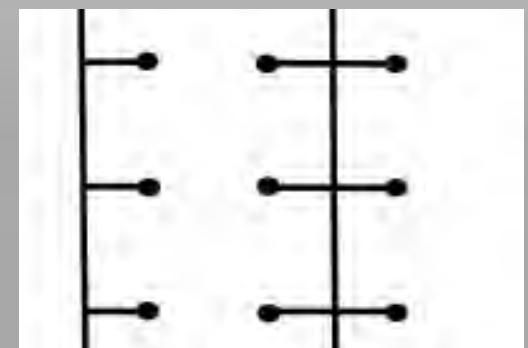
context



neighborhood



plan



street pattern

## LESS THAN 1 UNIT PER ACRE



Hollister, CA 0.3 units / acre



Golden Valley, AZ 0.3 units / acre



Paso Robles, CA 0.4 units / acre



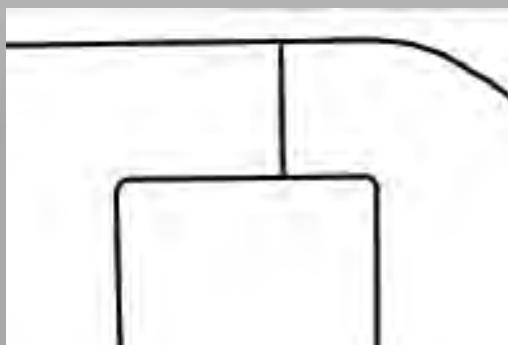
context



neighborhood



plan



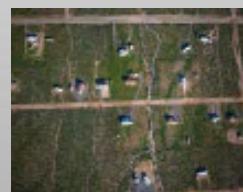
street pattern



context



neighborhood



plan



street pattern



## LESS THAN 1 UNIT PER ACRE



Phoenix, AZ 0.5 units / acre



Cave Creek, AZ 0.5 units / acre



Plano, TX 0.6 units / acre

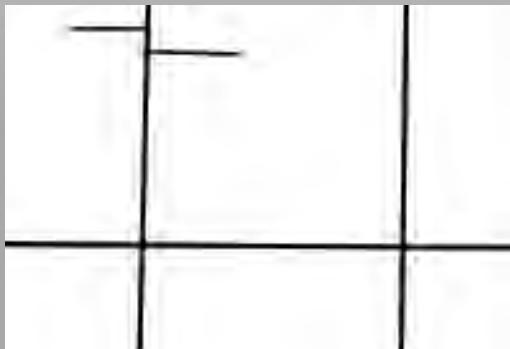


context



neighborhood

plan



street pattern



context



neighborhood

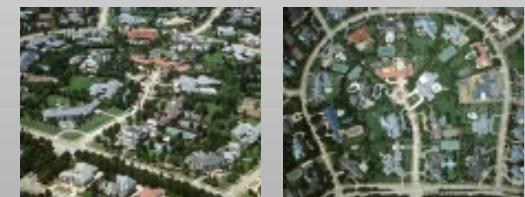
plan



street pattern

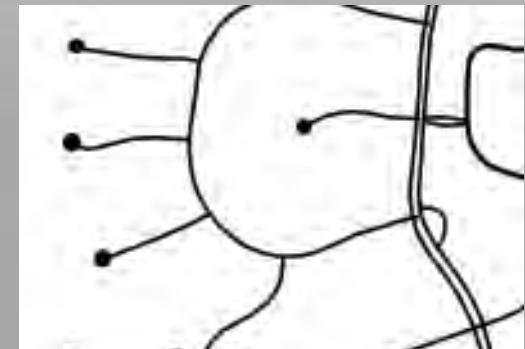


context



neighborhood

plan



street pattern

## 1 UNIT PER ACRE



Tysons Corners, VA 0.9 units / acre



Beaufort, SC 1.0 units / acre



Hollister, CA 1.0 units / acre



context



neighborhood



plan



street pattern



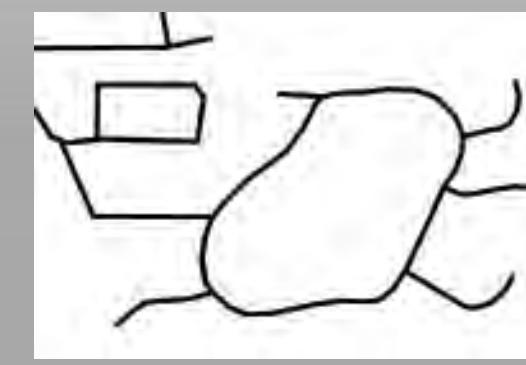
context



neighborhood



plan



street pattern



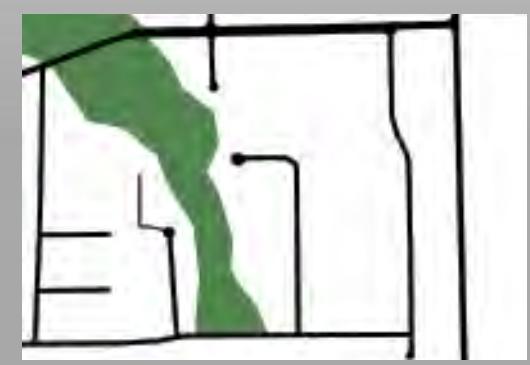
context



neighborhood



plan



street pattern

## 1 UNIT PER ACRE



Glendale, AZ 1.0 units / acre



Edinburg, NJ 1.1 units / acre



Prescott Valley, AZ 1.1 units / acre

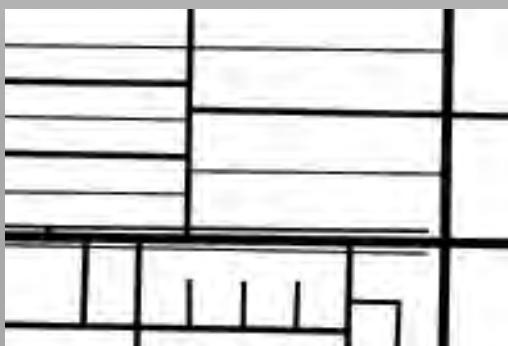


context



neighborhood

plan



street pattern

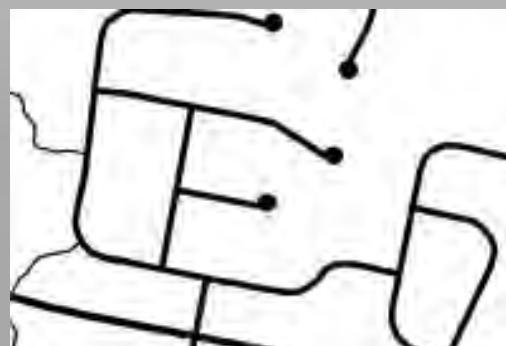


context



neighborhood

plan



street pattern



context



neighborhood

plan



street pattern

## 1 UNIT PER ACRE



Grosse Pointe, MI 1.6 units / acre



Bullhead City, AZ 1.7 units / acre



Boulder, CO 1.8 units / acre



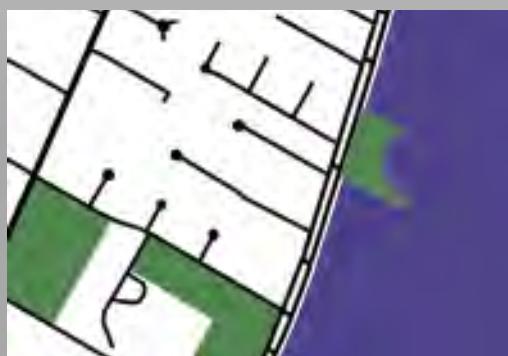
context



neighborhood



plan



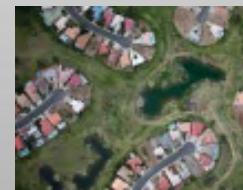
street pattern



context



neighborhood



plan



street pattern



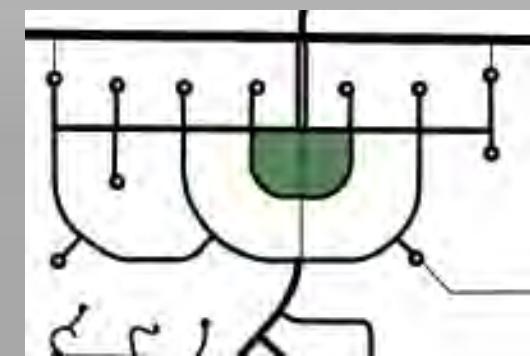
context



neighborhood



plan



street pattern



## 1 TO 2 UNITS PER ACRE



Kansas City, MO 1.9 units / acre



Delano, CA 1.9 units / acre



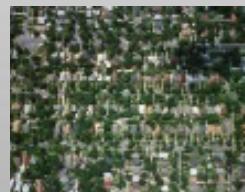
Havasu City, AZ 2.0 units / acre



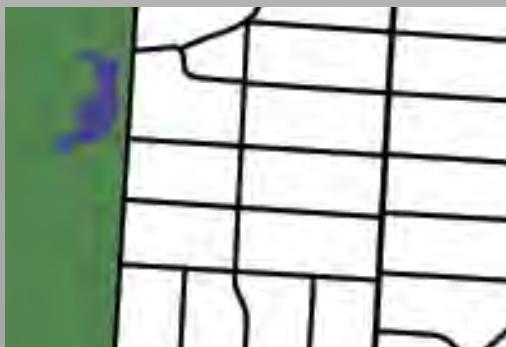
context



neighborhood



plan



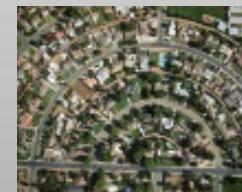
street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 2 UNITS PER ACRE



Longview, WA 2.0 units / acre



Phoenix, AZ 2.1 units / acre



Beverly Hills, CA 2.2 units / acre



context



neighborhood



plan



street pattern



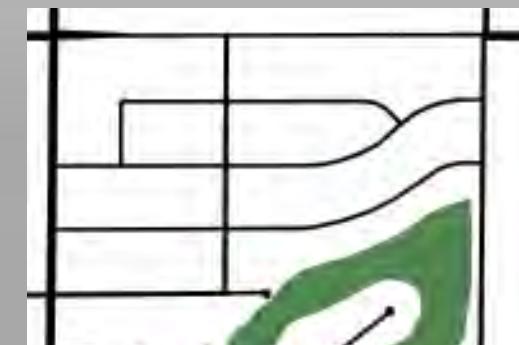
context



neighborhood



plan



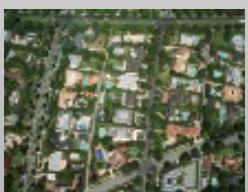
street pattern



context



neighborhood



plan



street pattern



## 2 UNITS PER ACRE



Hollister, CA 2.2 units / acre



Las Vegas, NV 2.3 units / acre



Havasu City, AZ 2.3 units / acre



context



neighborhood



plan



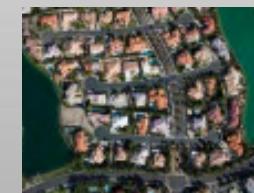
street pattern



context



neighborhood



plan



street pattern



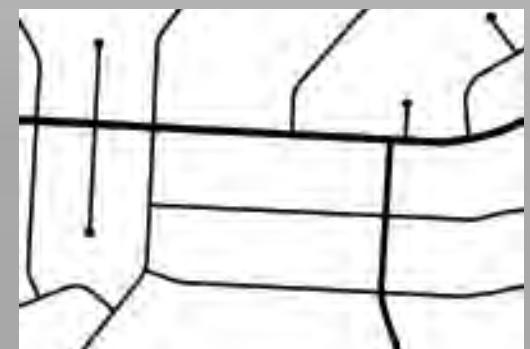
context



neighborhood



plan



street pattern

## 2 UNITS PER ACRE



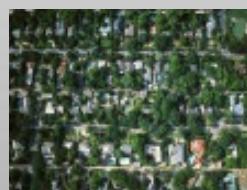
Dallas, TX 2.3 units / acre



context



neighborhood



plan



street pattern



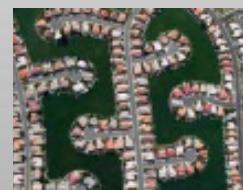
Glendale, AZ 2.4 units / acre



context



neighborhood



plan



street pattern



Goodland, KS 2.5 units / acre



context



neighborhood



plan



street pattern



## 2 UNITS PER ACRE



Tucson, AZ 2.5 units / acre



Plano, TX 2.6 units / acre



Longmont, CO 2.6 units / acre



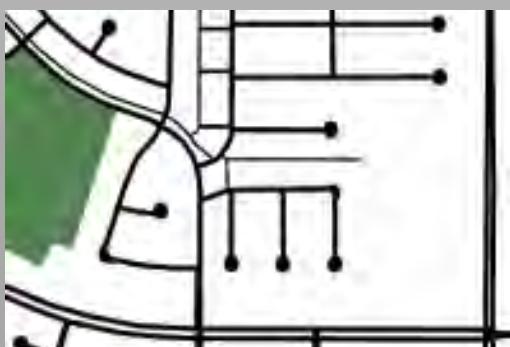
context



neighborhood



plan



street pattern



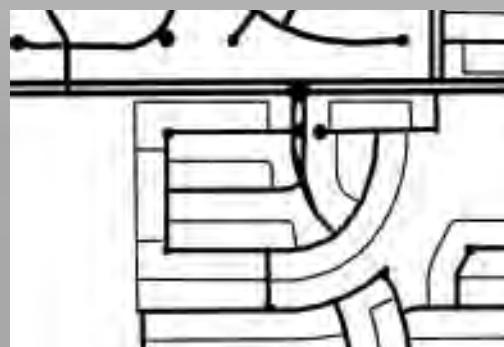
context



neighborhood



plan



street pattern



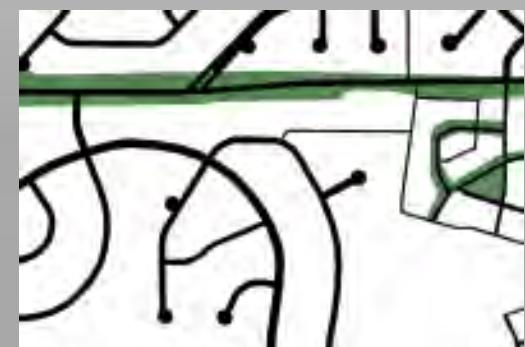
context



neighborhood



plan



street pattern

## 2 UNITS PER ACRE



Anthem, AZ 2.6 units / acre



Lake Oswego, OR 2.7 units / acre



Phoenix, AZ 2.7 units / acre



context



neighborhood



plan



context



neighborhood



plan



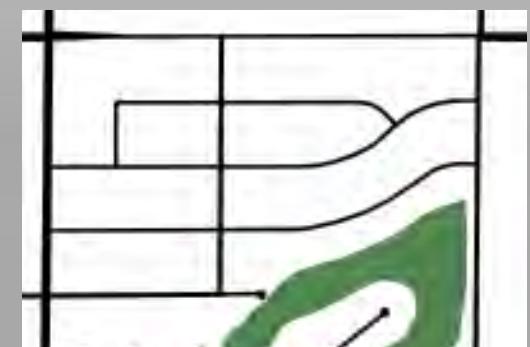
context



neighborhood



plan



street pattern



street pattern

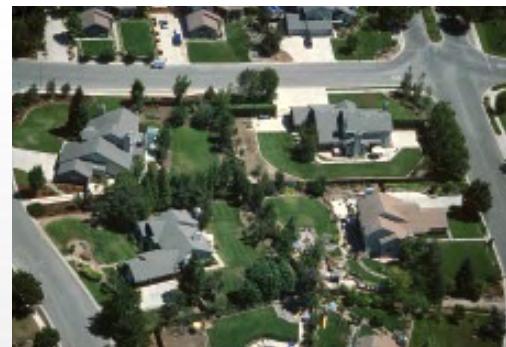


street pattern not available

## 2 UNITS PER ACRE



Cave Creek, AZ 2.7 units / acre



Hollister, CA 2.9 units / acre



Glendale, AZ 2.9 units / acre



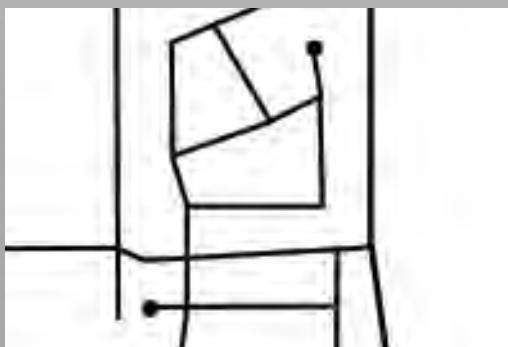
context



neighborhood



plan



street pattern



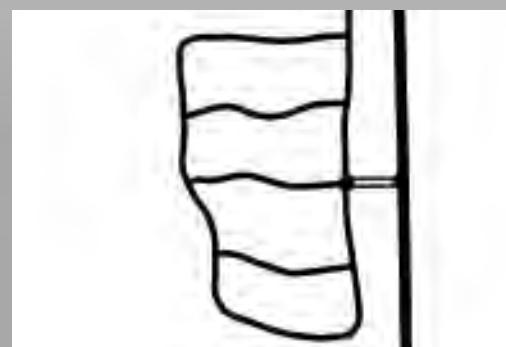
context



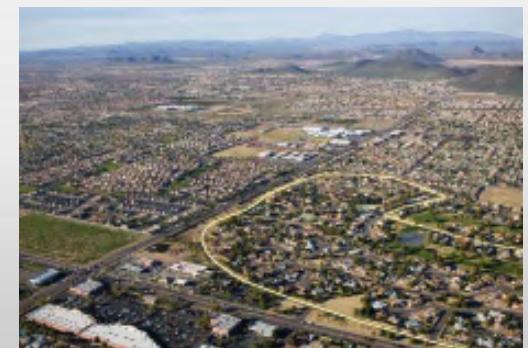
neighborhood



plan



street pattern



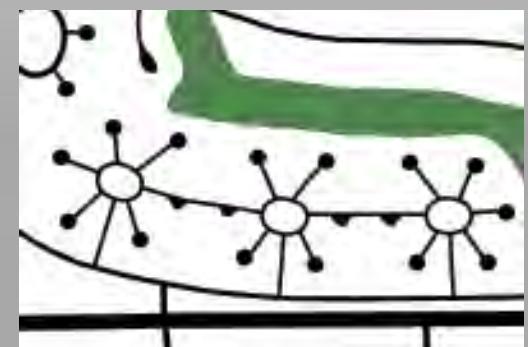
context



neighborhood



plan



street pattern

### 3 UNITS PER ACRE



Glendale, AZ 3.1 units / acre



Bullhead City, AZ 3.1 units / acre



Phoenix, AZ 3.1 units / acre



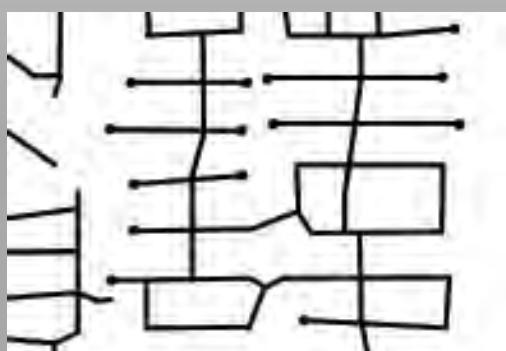
context



neighborhood



plan



street pattern



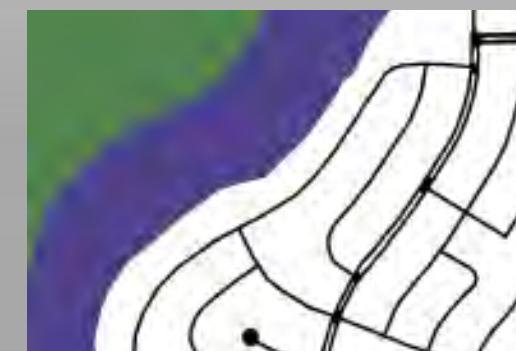
context



neighborhood



plan



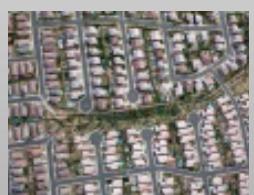
street pattern



context



neighborhood



plan

street pattern not available

### 3 UNITS PER ACRE



Phoenix, AZ 3.2 units / acre



Dallas, TX 3.2 units / acre



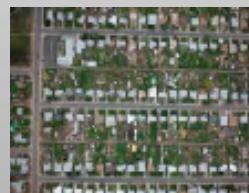
Prescott Valley, AZ 3.3 units / acre



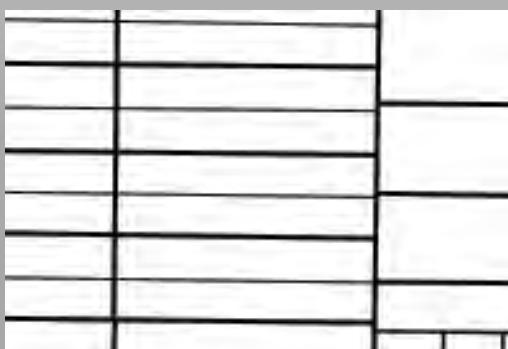
context



neighborhood



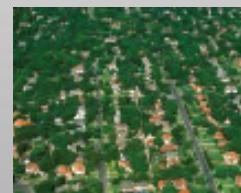
plan



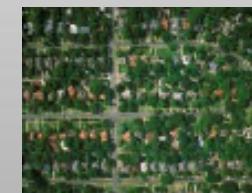
street pattern



context



neighborhood



plan



street pattern



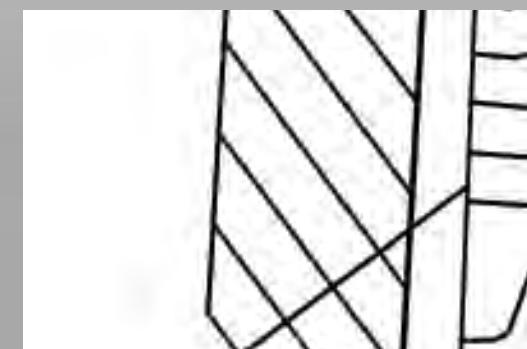
context



neighborhood



plan



street pattern

### 3 UNITS PER ACRE



Tucson, AZ 3.4 units / acre



Kansas City, MO 3.5 units / acre



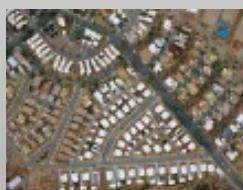
Beaufort, SC 3.6 units / acre



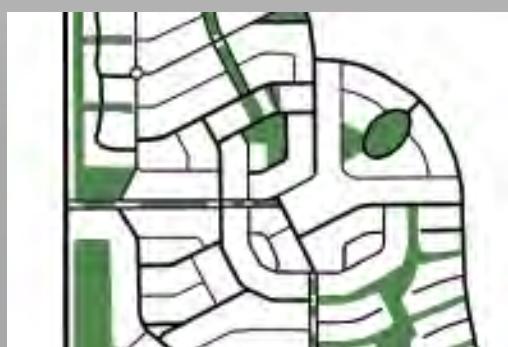
context



neighborhood



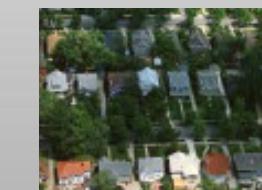
plan



street pattern



context



neighborhood



plan



street pattern



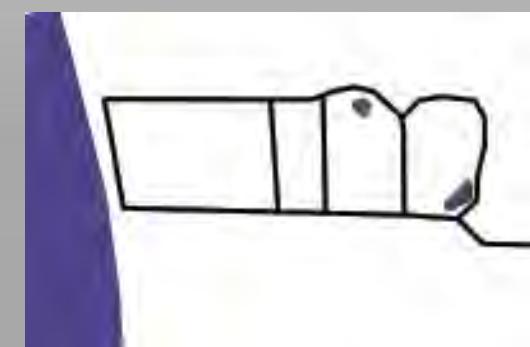
context



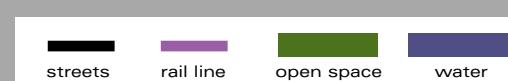
neighborhood



plan



street pattern



### 3 UNITS PER ACRE



Anthem, AZ 3.6 units / acre



Palos Verdes, CA 3.6 units / acre



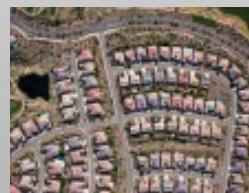
Prescott, AZ 3.6 units / acre



context



neighborhood



plan



context



neighborhood



plan



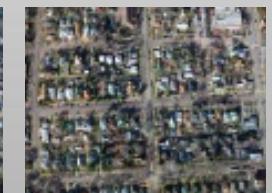
street pattern



context



neighborhood



plan



street pattern

street pattern not available

### 3 UNITS PER ACRE



Danville, CA 3.7 units / acre



Holdenville, OK 3.8 units / acre



St. Johnsbury, VT 3.8 units / acre



context



neighborhood



plan



context



neighborhood



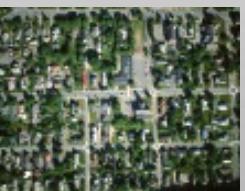
plan



context



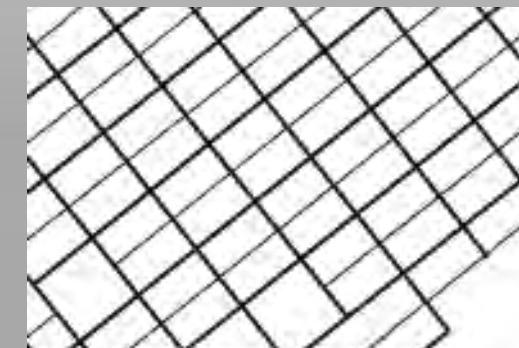
neighborhood



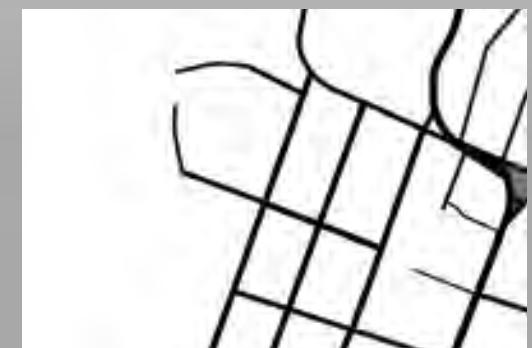
plan



street pattern



street pattern



street pattern



## 3 UNITS PER ACRE



Shaker Heights, OH 3.9 units / acre



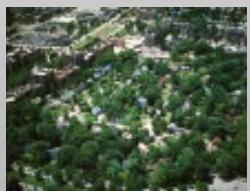
Boulder, CO 3.9 units / acre



Glendale, AZ 3.9 units / acre



context



neighborhood



plan



street pattern



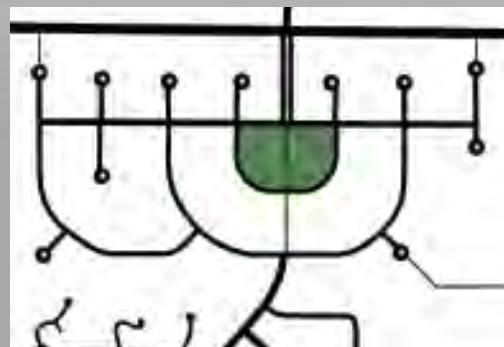
context



neighborhood



plan



street pattern



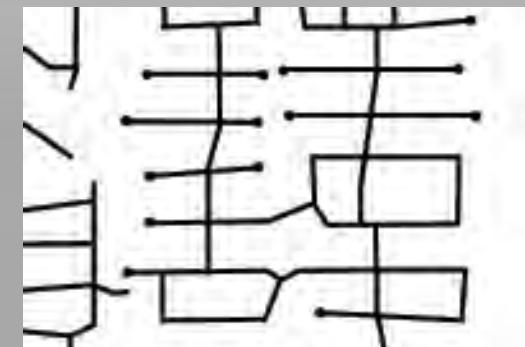
context



neighborhood



plan



street pattern

### 3 TO 4 UNITS PER ACRE



Buckeye, AZ 3.9 units / acre



Brooksville, FL 4.0 units / acre



Phoenix, AZ 4.0 units / acre



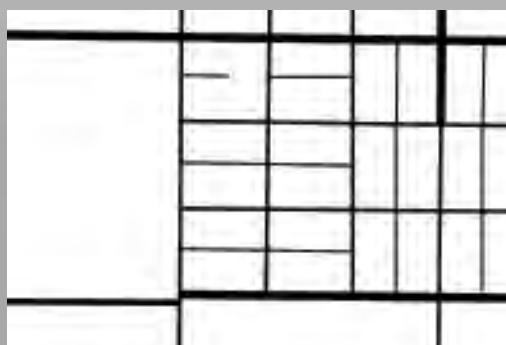
context



neighborhood



plan



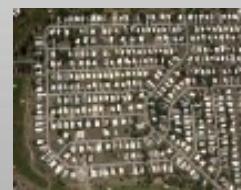
street pattern



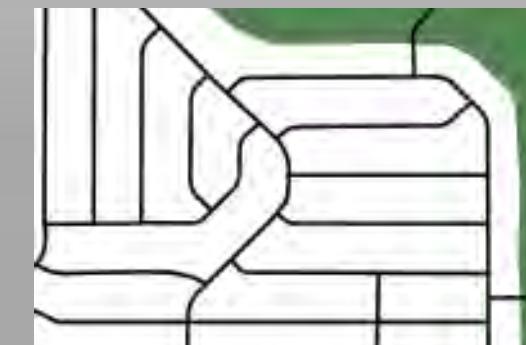
context



neighborhood



plan



street pattern



context



neighborhood



plan

street pattern not available

## 4 UNITS PER ACRE



Delano, CA 4.0 units / acre



Sun City, AZ 4.1 units / acre



Buckeye, AZ 4.1 units / acre



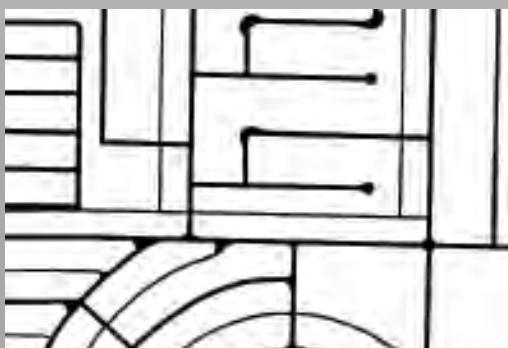
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



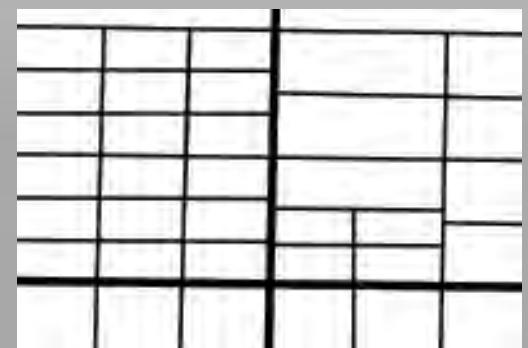
context



neighborhood



plan



street pattern

## 4 UNITS PER ACRE



Davis, CA 4.3 units / acre



Pasadena, CA 4.3 units / acre



San Jose, CA 4.3 units / acre



context



neighborhood

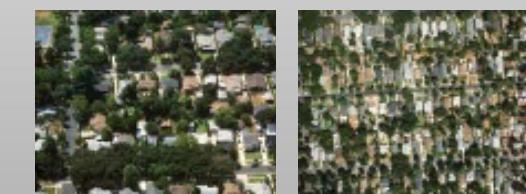
plan



street pattern



context



neighborhood

plan



street pattern

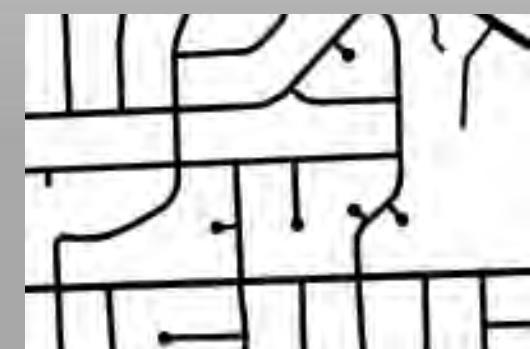


context



neighborhood

plan



street pattern

## 4 UNITS PER ACRE



Needles, CA 4.3 units / acre



Boulder, CO 4.4 units / acre



Hollister, CA 4.4 units / acre

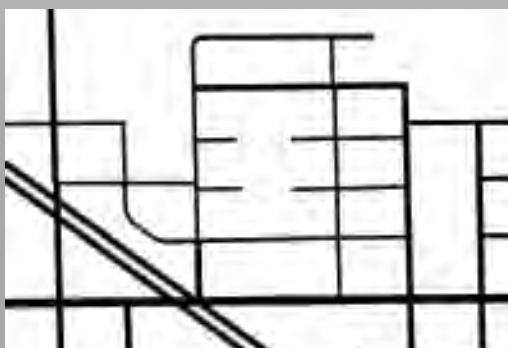


context



neighborhood

plan



street pattern



context



neighborhood

plan



street pattern



context



neighborhood

plan



street pattern

## 4 UNITS PER ACRE



Tampa, FL 4.5 units / acre



Kansas City, KS 4.5 units / acre



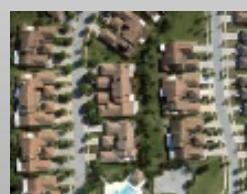
Anthem, AZ 4.5 units / acre



context



neighborhood



plan



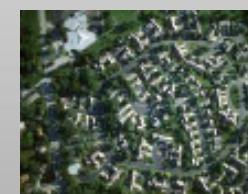
street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan

street pattern not available

## 4 UNITS PER ACRE



Prescott, AZ 4.6 units / acre



Kansas City, MO 4.7 units / acre



Boulder, CO 4.7 units / acre



context



neighborhood



plan



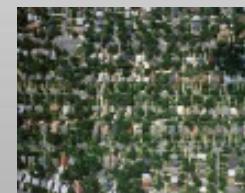
street pattern



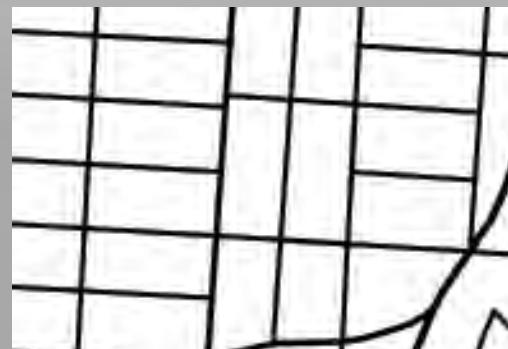
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 4 UNITS PER ACRE



Charlotte, NC 4.8 units / acre



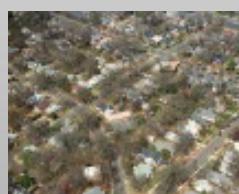
Las Vegas, NV 4.8 units / acre



Atlanta, GA 4.8 units / acre



context



neighborhood



plan



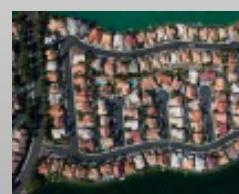
street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



## 4 TO 5 UNITS PER ACRE



Hollister, CA 4.8 units / acre



Tampa, FL 4.9 units / acre



Levittown, NY 5.0 units / acre



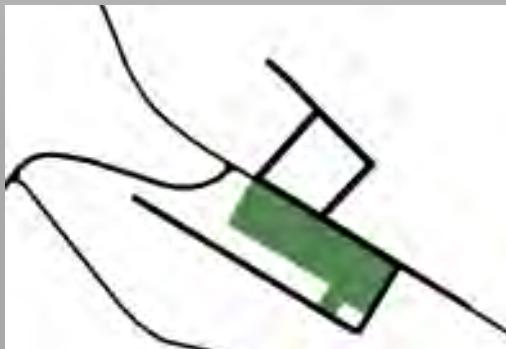
context



neighborhood



plan



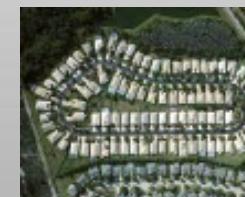
street pattern



context



neighborhood



plan



street pattern



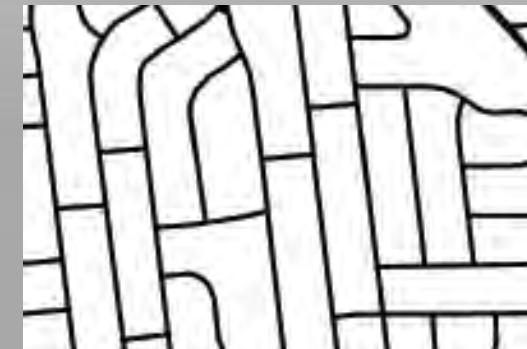
context



neighborhood



plan



street pattern

## 5 UNITS PER ACRE



Boulder, CO 5.0 units / acre



Sun City, AZ 5.0 units / acre



Tucson, AZ 5.0 units / acre



context



neighborhood



plan



context



neighborhood



plan



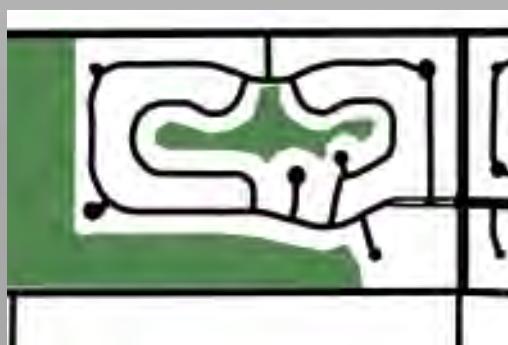
context



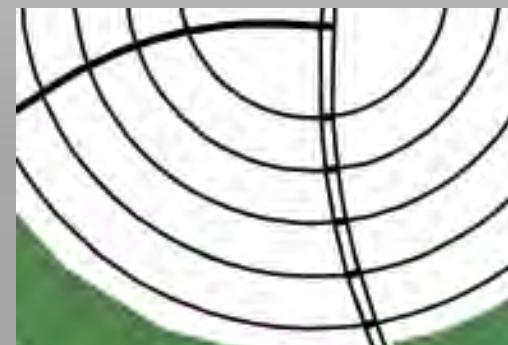
neighborhood



plan



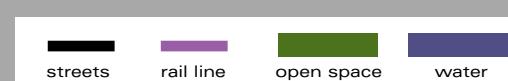
street pattern



street pattern



street pattern



## 5 UNITS PER ACRE



Needles, CA 5.0 units / acre



Tucson, AZ 5.0 units / acre



Las Vegas, NV 5.0 units / acre

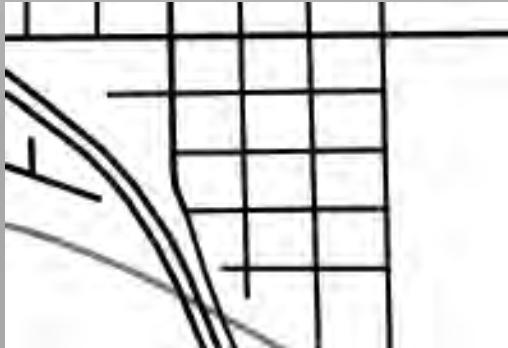


context



neighborhood

plan



street pattern



context



neighborhood

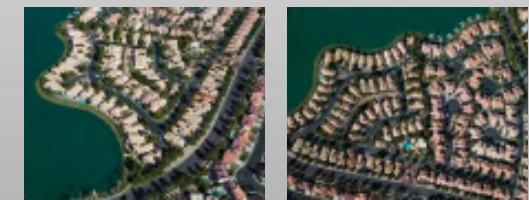
plan



street pattern



context



neighborhood

plan



street pattern

## 5 UNITS PER ACRE



Ashland, MA 5.1 units / acre



Sun City, AZ 5.1 units / acre



Beaufort, SC 5.2 units / acre



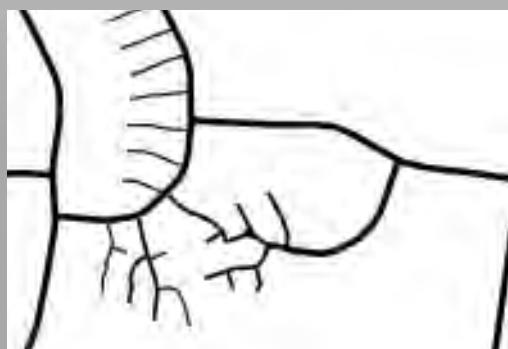
context



neighborhood



plan



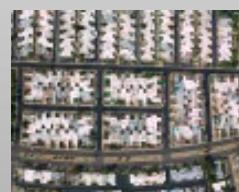
street pattern



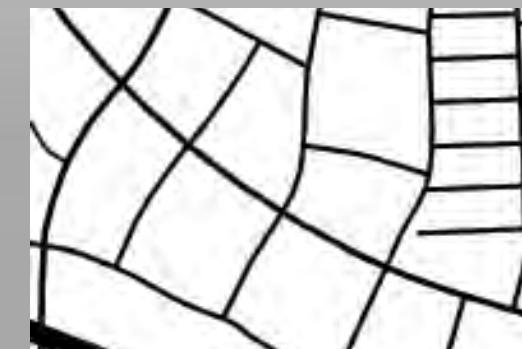
context



neighborhood



plan



street pattern



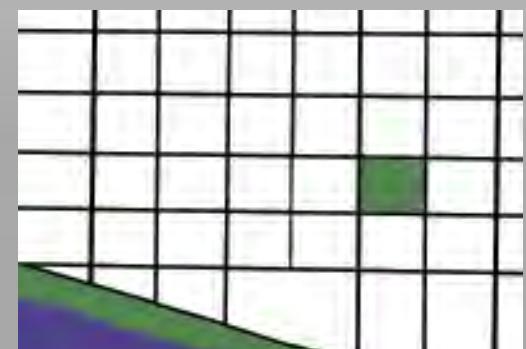
context



neighborhood



plan



street pattern

## 5 UNITS PER ACRE



Orlando, FL 5.3 units / acre



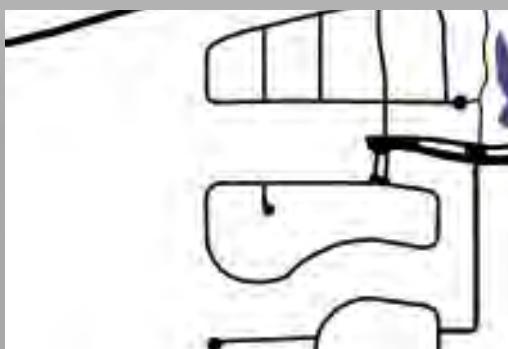
context



neighborhood



plan



street pattern



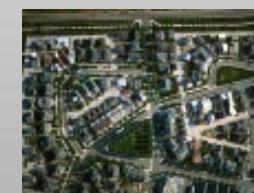
Longmont, CO 5.3 units / acre



context



neighborhood



plan



street pattern



Tampa, FL 5.3 units / acre



context



neighborhood



plan



street pattern

## 5 UNITS PER ACRE



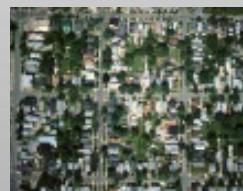
Sandusky, OH 5.4 units / acre



context



neighborhood



plan



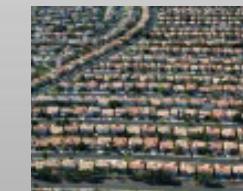
street pattern



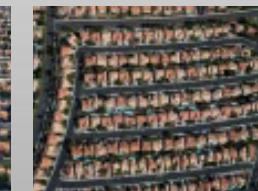
Las Vegas, NV 5.5 units / acre



context



neighborhood



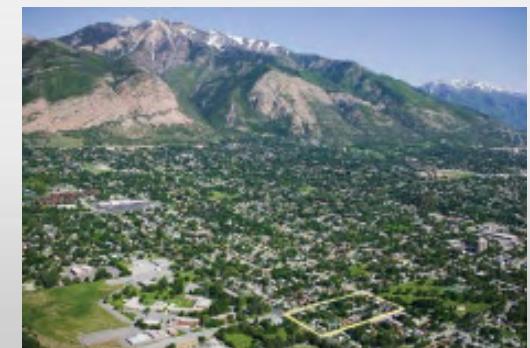
plan



street pattern



Ogden, UT 5.5 units / acre



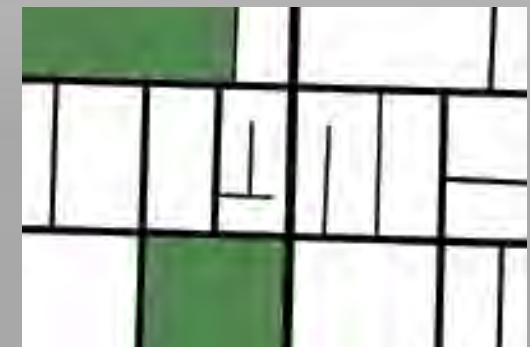
context



neighborhood



plan



street pattern

## 5 UNITS PER ACRE



Radburn, NJ 5.7 units / acre



Boise, ID 5.7 units / acre



Portland, OR 5.7 units / acre



context



neighborhood



plan



street pattern



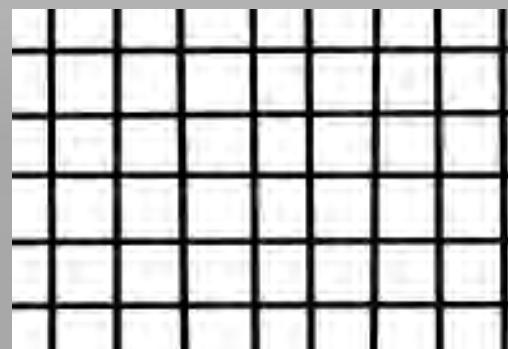
context



neighborhood



plan



street pattern



context



neighborhood



plan

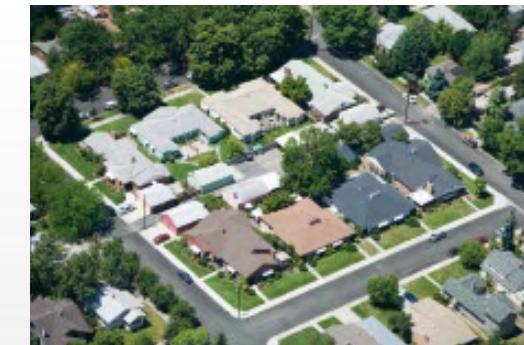


street pattern

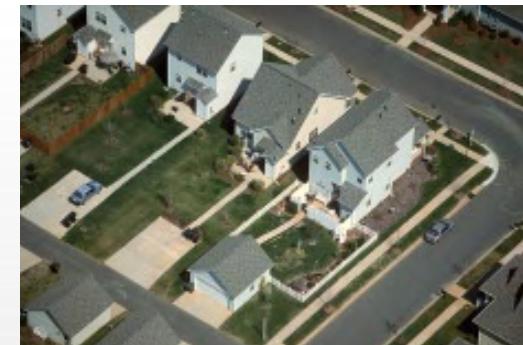
## 5 TO 6 UNITS PER ACRE



Longmont, CO 5.8 units / acre



Boise, ID 6.2 units / acre



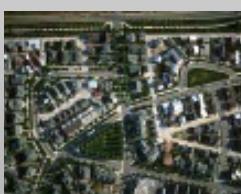
Huntersville, NC 6.3 units / acre



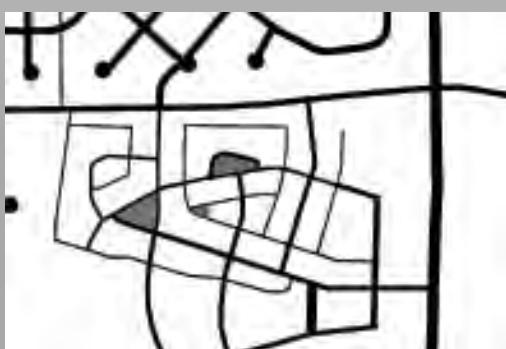
context



neighborhood



plan



street pattern



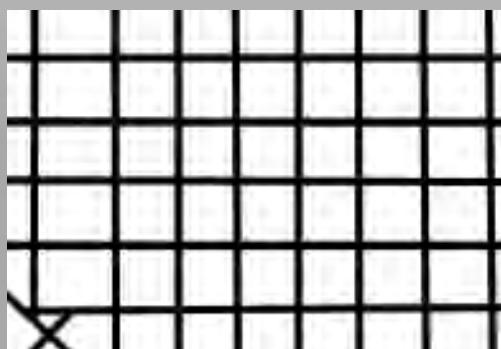
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



## 6 UNITS PER ACRE



Sun City, AZ 6.3 units / acre



Fairview, OR 6.3 units / acre



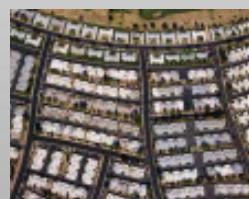
Twin Falls, ID 6.6 units / acre



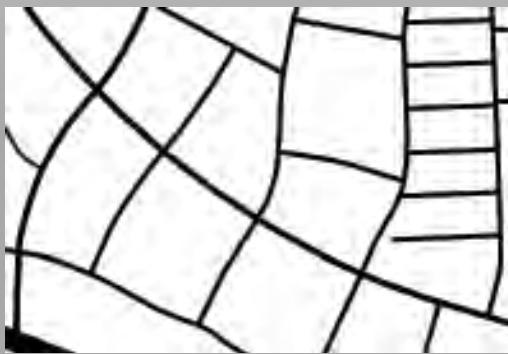
context



neighborhood



plan



street pattern



context



neighborhood



plan



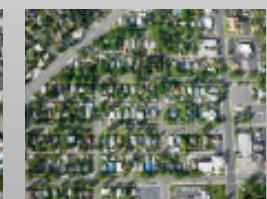
street pattern



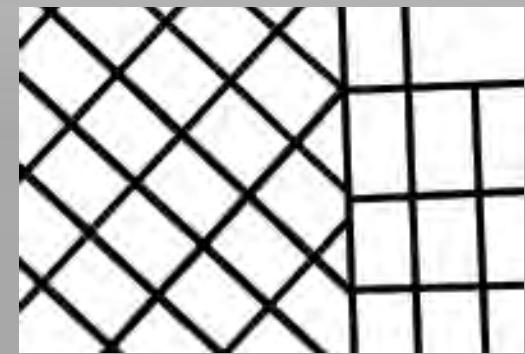
context



neighborhood



plan



street pattern

## 6 TO 7 UNITS PER ACRE



Emeryville, CA 6.8 units / acre



Portland, OR 7.0 units / acre



Ogden, UT 7.1 units / acre



context



neighborhood



plan



street pattern



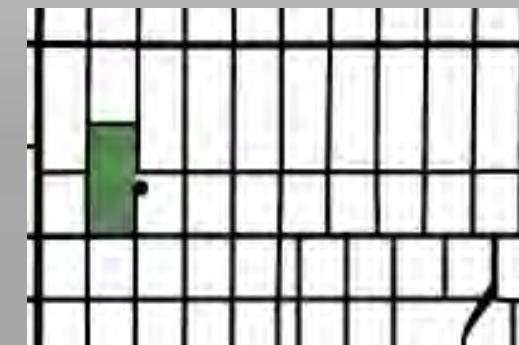
context



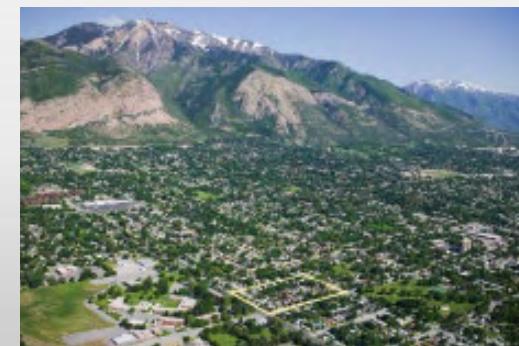
neighborhood



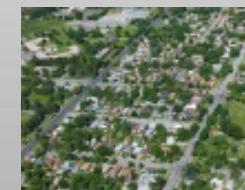
plan



street pattern



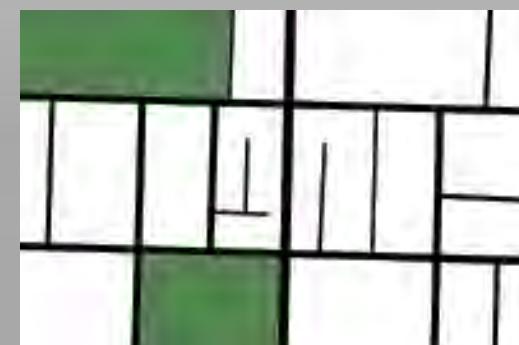
context



neighborhood



plan



street pattern

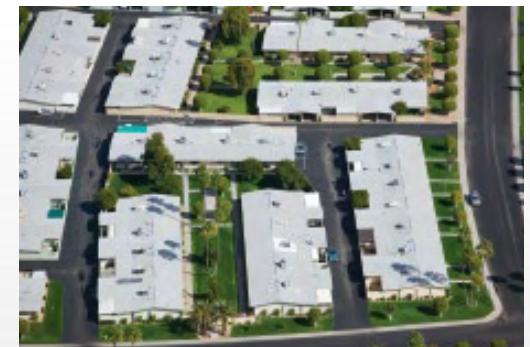
## 7 UNITS PER ACRE



Hillsboro, OR 7.1 units / acre



Ashland, MA 7.3 units / acre



Sun City, AZ 7.6 units / acre



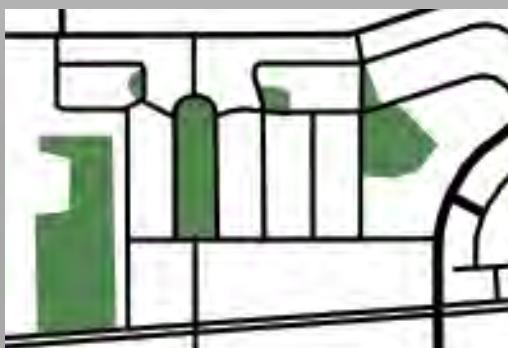
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



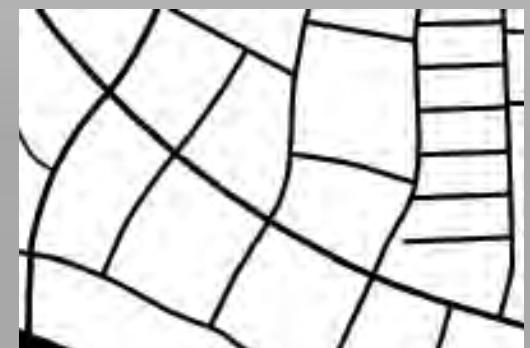
context



neighborhood



plan

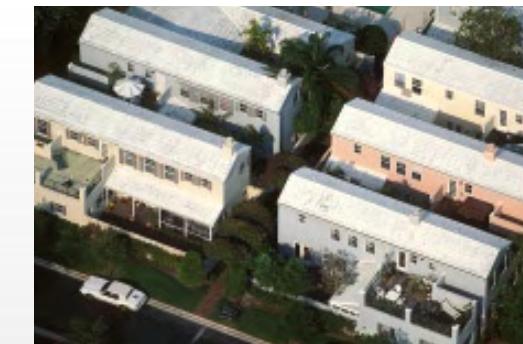


street pattern

## 7 UNITS PER ACRE



Longmont, CO 7.7 units / acre



Boca Raton, FL 7.8 units / acre



Boise, ID 7.8 units / acre



context



neighborhood



plan



street pattern



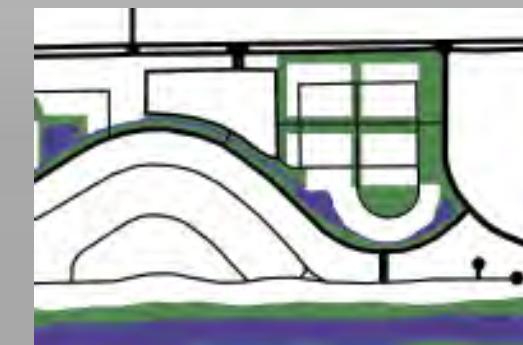
context



neighborhood



plan



street pattern



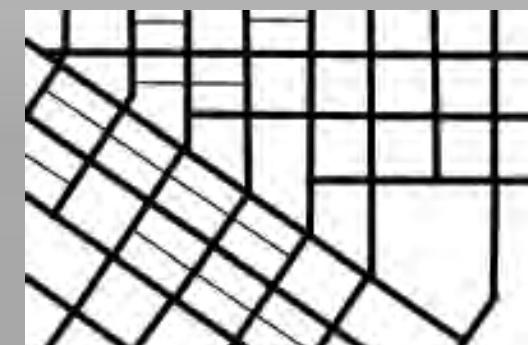
context



neighborhood

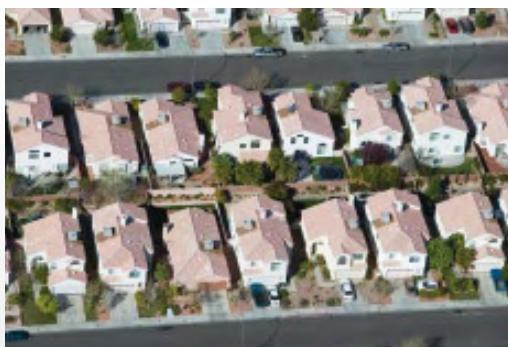


plan



street pattern

## 8 UNITS PER ACRE



Las Vegas, NV 8.0 units / acre



Fresno, CA 8.1 units / acre



Tucson, AZ 8.1 units / acre

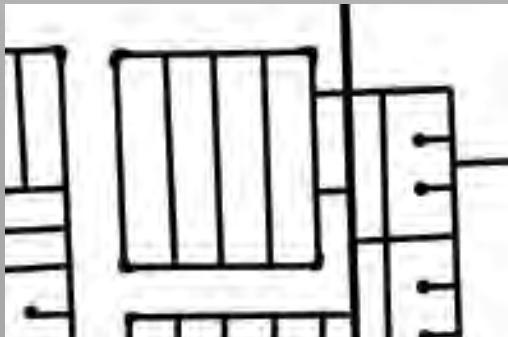


context



neighborhood

plan



street pattern



context



neighborhood

plan



street pattern



context



neighborhood

plan



street pattern

## 8 UNITS PER ACRE



Charleston, SC 8.3 units / acre



Huntersville, NC 8.4 units / acre



Phoenix, AZ 8.5 units / acre



context



neighborhood

plan



street pattern



context



neighborhood

plan



street pattern

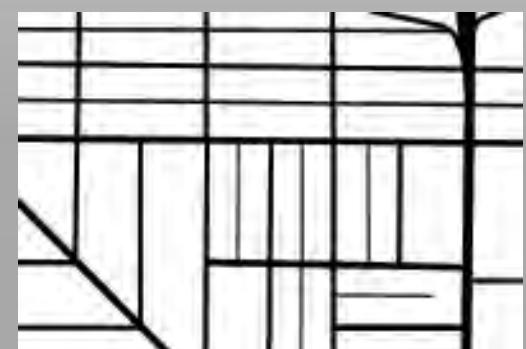


context



neighborhood

plan



street pattern



## 8 UNITS PER ACRE



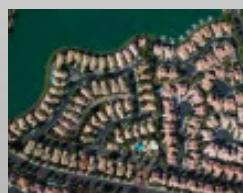
Las Vegas, NV 8.5 units / acre



context



neighborhood



plan



street pattern



Wyomissing, PA 8.8 units / acre



context



neighborhood



plan



street pattern



Mt. Pleasant, SC 8.8 units / acre



context



neighborhood



plan

street pattern not available

## 8 UNITS PER ACRE



Longmont, CO 8.8 units / acre



Hillsboro, OR 8.8 units / acre



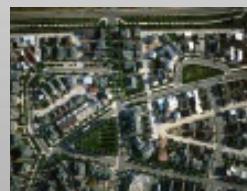
Los Angeles, CA 8.9 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 8 TO 9 UNITS PER ACRE



Portland, OR 8.9 units / acre



Tampa, FL 9.0 units / acre



Chicago, IL 9.0 units / acre

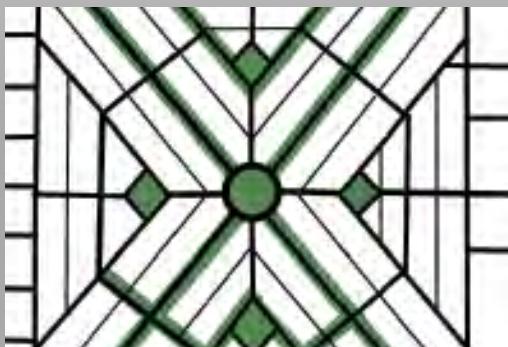


context



neighborhood

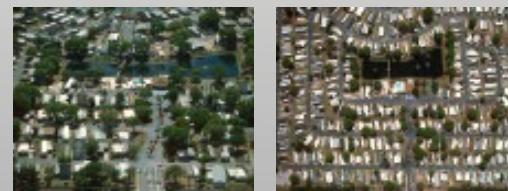
plan



street pattern

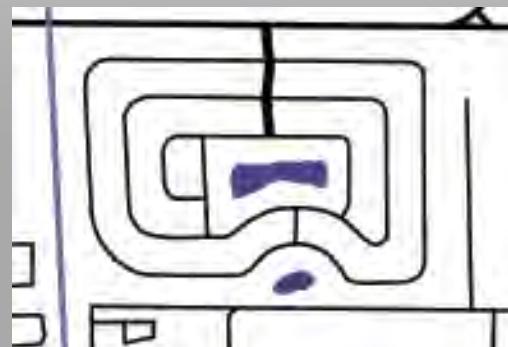


context



neighborhood

plan



street pattern

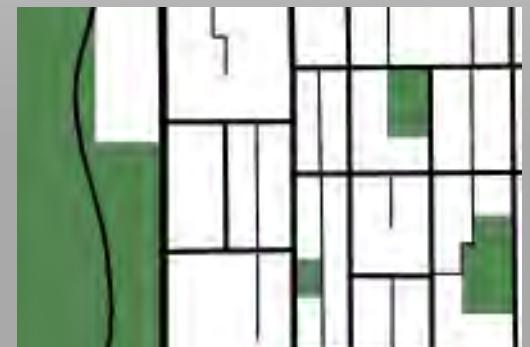


context



neighborhood

plan



street pattern

## 9 UNITS PER ACRE



Tampa, FL 9.1 units / acre



Boulder, CO 9.1 units / acre



Seaside, FL 9.2 units / acre



context



neighborhood



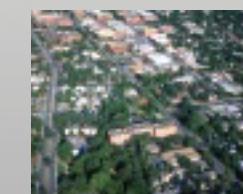
plan



street pattern



context



neighborhood



plan



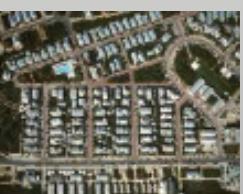
street pattern



context



neighborhood



plan



street pattern



## 10 UNITS PER ACRE



Hermosa Beach, CA 10.0 units / acre



Lake Oswego, OR 10.0 units / acre



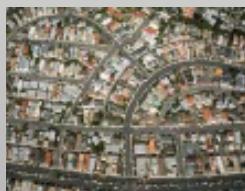
Sandusky, OH 10.2 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



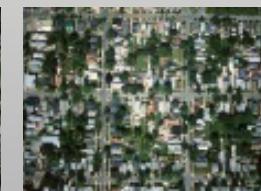
street pattern



context



neighborhood



plan



street pattern

## 10 UNITS PER ACRE



Tampa, FL 10.5 units / acre



Boise, ID 10.6 units / acre



Charleston, SC 10.7 units / acre

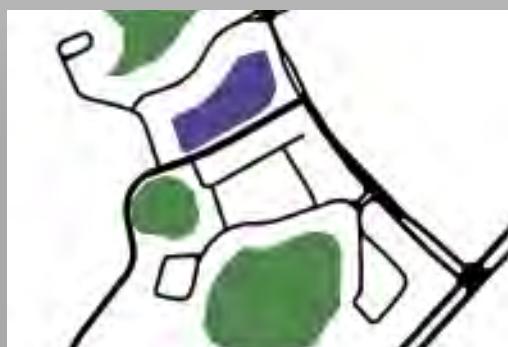


context

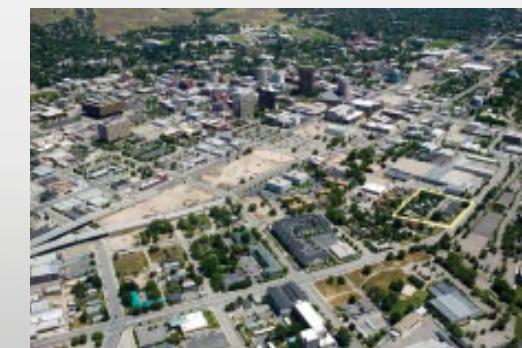


neighborhood

plan



street pattern



context



neighborhood

plan



context



neighborhood

plan



street pattern



street pattern



## 10 TO 11 UNITS PER ACRE



Sacramento, CA 10.7 units / acre



Los Angeles, CA 10.8 units / acre



Mtn. View, CA 11.0 units / acre



context



neighborhood



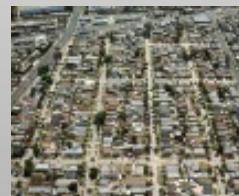
plan



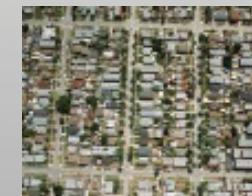
street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 11 UNITS PER ACRE



Emeryville, CA 11.0 units / acre



Kansas City, KS 11.1 units / acre



Hamtramck, MI 11.2 units / acre



context



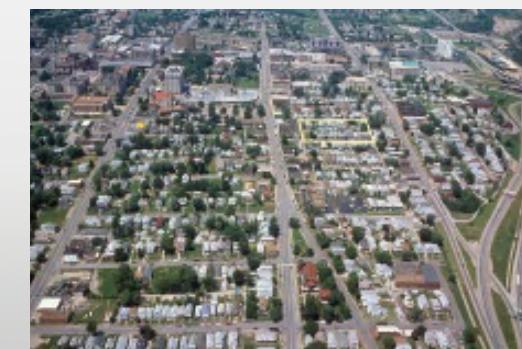
neighborhood



plan



street pattern



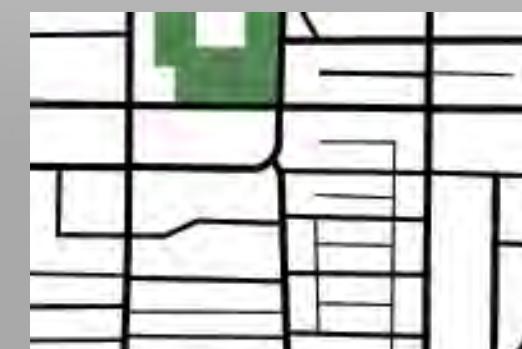
context



neighborhood



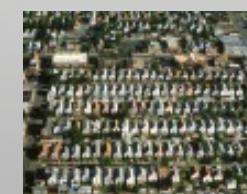
plan unavailable



street pattern



context



neighborhood



plan



street pattern

## 11 UNITS PER ACRE



Columbus, NJ 11.7 units / acre



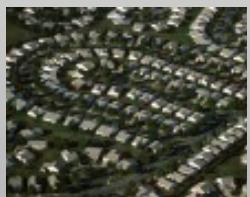
St. Johnsbury, VT 11.7 units / acre



San Jose, CA 11.7 units / acre



context



neighborhood



plan



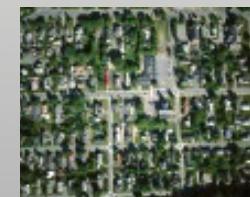
street pattern



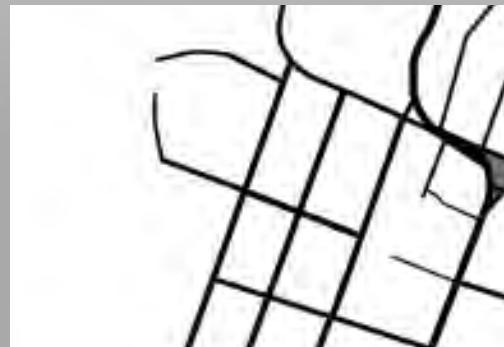
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 12 UNITS PER ACRE



Camden, NJ 12.3 units / acre



Longmont, CO 12.3 units / acre



Boulder, CO 12.5 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



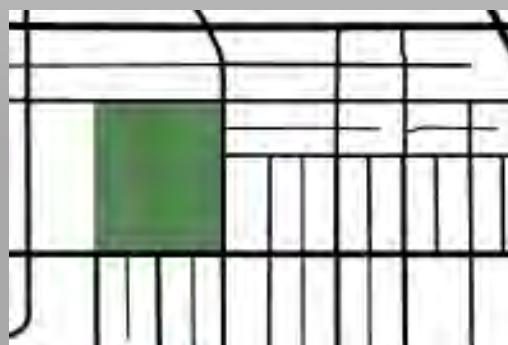
context



neighborhood



plan



street pattern

## 12 TO 13 UNITS PER ACRE



Cambridge, MA 12.6 units / acre



Sun City, AZ 12.7 units / acre



San Francisco, CA 13.0 units / acre



context



neighborhood



plan



street pattern



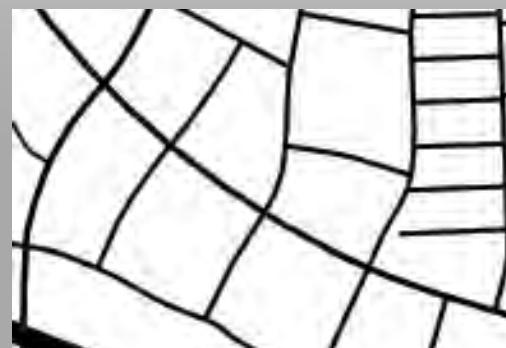
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 13 UNITS PER ACRE



Camden, NJ 13.1 units / acre



Chicago, IL 13.2 units / acre



Castro Valley, CA 13.5 units / acre



context



neighborhood



plan



street pattern



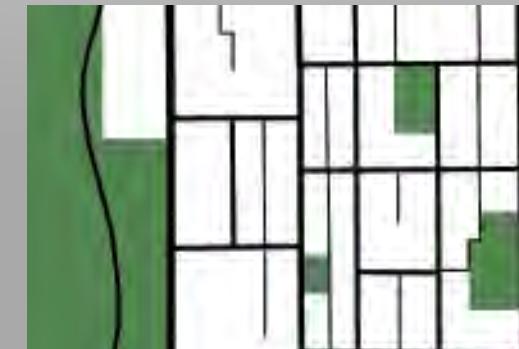
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



## 13 TO 14 UNITS PER ACRE



Detroit, MI 13.7 units / acre



context



neighborhood



plan



street pattern



Hermosa Beach, CA 14.4 units / acre



context



neighborhood



plan



street pattern



Surprise, AZ 14.4 units / acre



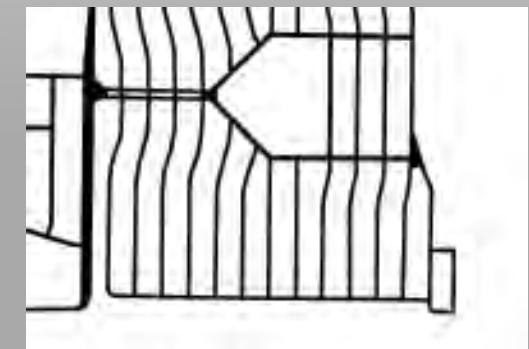
context



neighborhood



plan



street pattern

## 14 TO 15 UNITS PER ACRE



Sacramento, CA 14.7 units / acre



Baltimore, MD 15.0 units / acre



Tampa, FL 15.2 units / acre



context



neighborhood



plan



street pattern



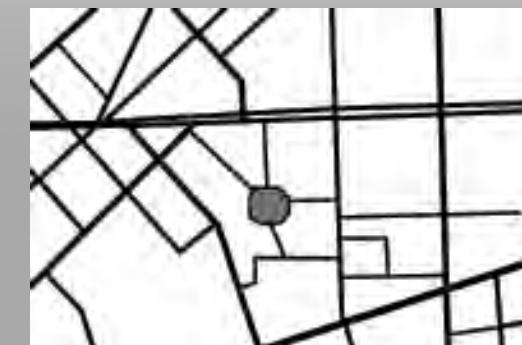
context



neighborhood



plan



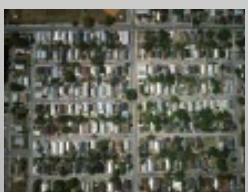
street pattern



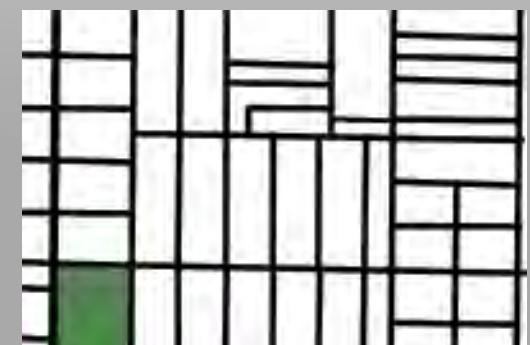
context



neighborhood



plan



street pattern



## 15 UNITS PER ACRE



Cleveland, OH 15.2 units / acre



Kissimee, FL 15.4 units / acre



Denver, CO 15.5 units / acre

context



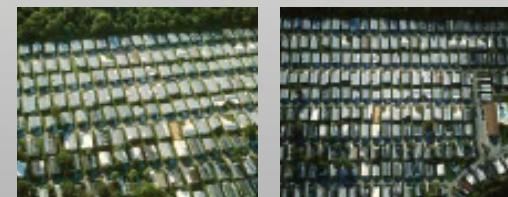
neighborhood

plan



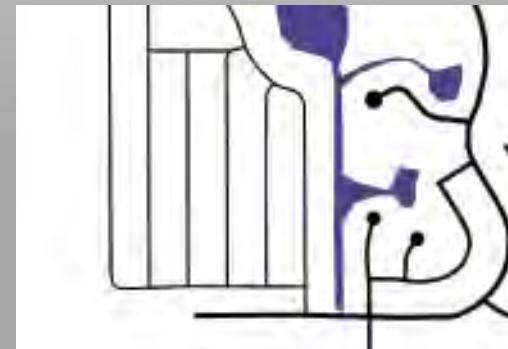
street pattern

context



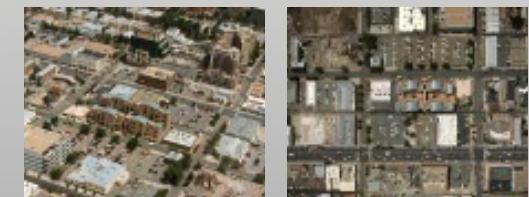
neighborhood

plan



street pattern

context



neighborhood

plan



street pattern

## 15 TO 16 UNITS PER ACRE



Tampa, FL 15.6 units / acre



Cleveland, OH 16.0 units / acre



Denver, CO 16.1 units / acre



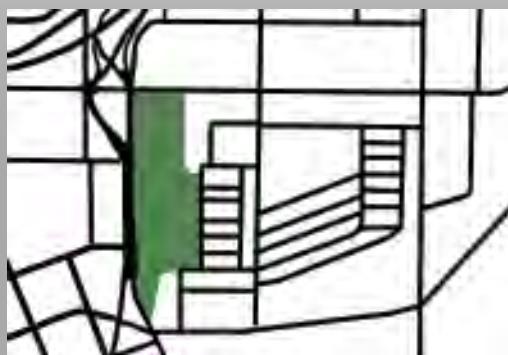
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



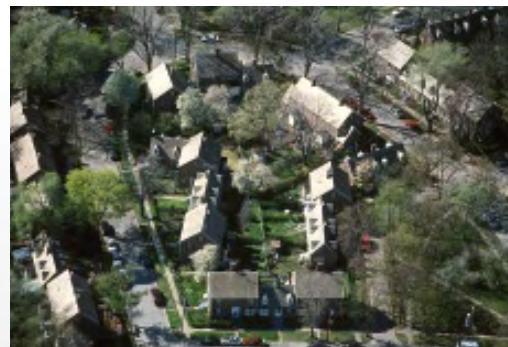
street pattern



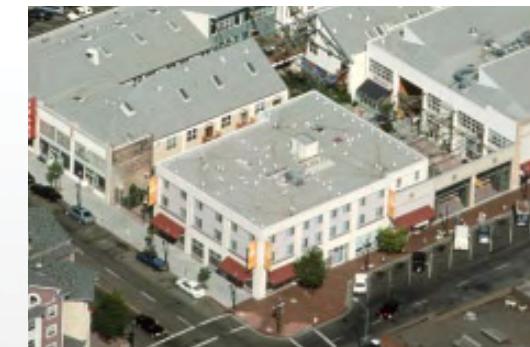
## 16 TO 17 UNITS PER ACRE



Mtn. View, CA 16.3 units / acre



Bridgeport, CT 16.9 units / acre



Oakland, CA 17.0 units / acre



context



neighborhood



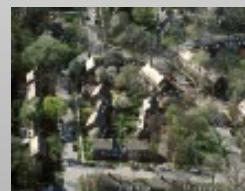
plan



street pattern



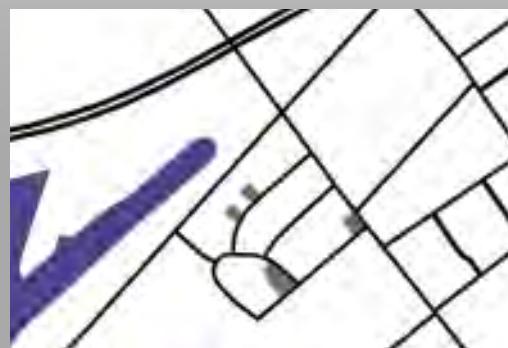
context



neighborhood



plan



street pattern



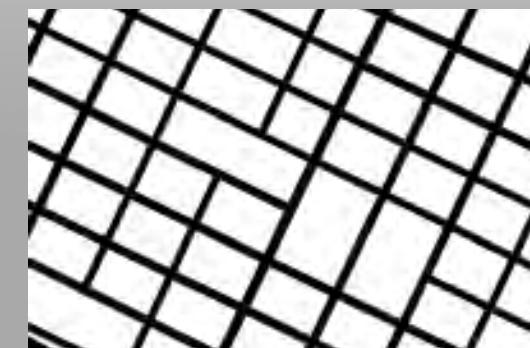
context



neighborhood



plan



street pattern

## 17 UNITS PER ACRE



San Francisco, CA 17.4 units / acre



Reading, PA 17.5 units / acre



Bridgeport, CT 17.7 units / acre



context



neighborhood



plan



context



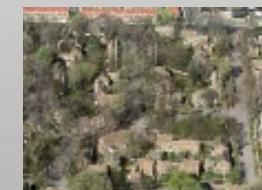
neighborhood



plan



context



neighborhood



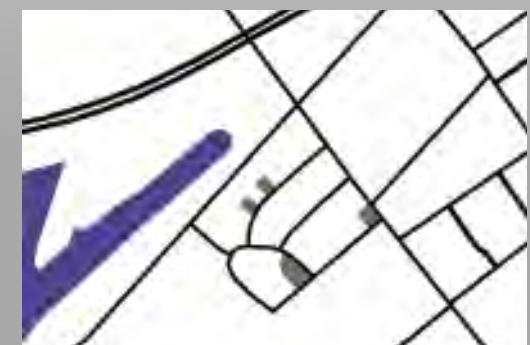
plan



street pattern



street pattern



street pattern



## 18 UNITS PER ACRE



Tucson, AZ 18.0 units / acre



Chicago, IL 18.0 units / acre



Salt Lake City, UT 18.1 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



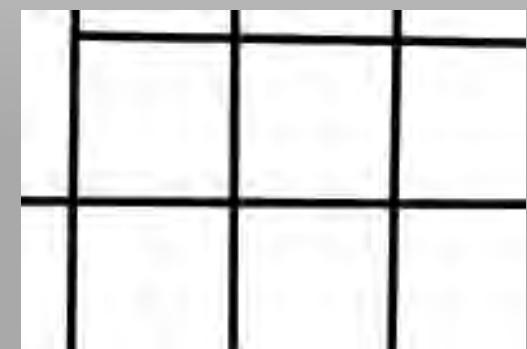
context



neighborhood



plan



street pattern

## 18 TO 19 UNITS PER ACRE



Dorchester, MA 18.4 units / acre



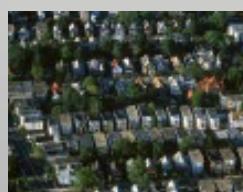
Tampa, FL 19.0 units / acre



Cleveland, OH 19.2 units / acre



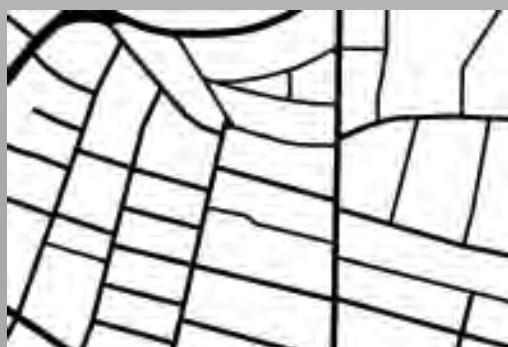
context



neighborhood



plan



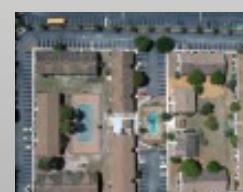
street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



## 19 TO 20 UNITS PER ACRE



Boulder, CO 19.7 units / acre



Cleveland, OH 20.5 units / acre



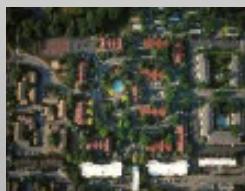
Salt Lake City, UT 20.6 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



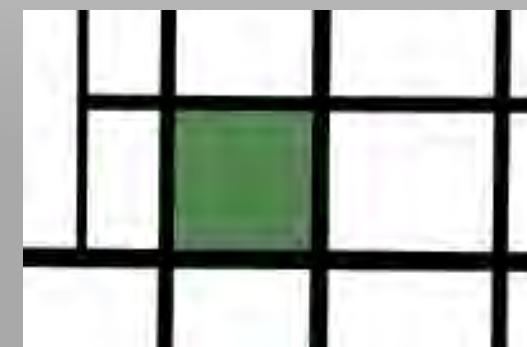
context



neighborhood



plan



street pattern

## 21 UNITS PER ACRE



Huntersville, NC 21.0 units / acre



San Jose, CA 21.0 units / acre



Portland, OR 21.0 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



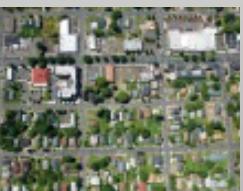
street pattern



context



neighborhood



plan



street pattern

## 21 UNITS PER ACRE



San Francisco, CA 21.2 units / acre



Boston, MA 21.4 units / acre



Sacramento, CA 21.4 units / acre



context



neighborhood



plan



street pattern



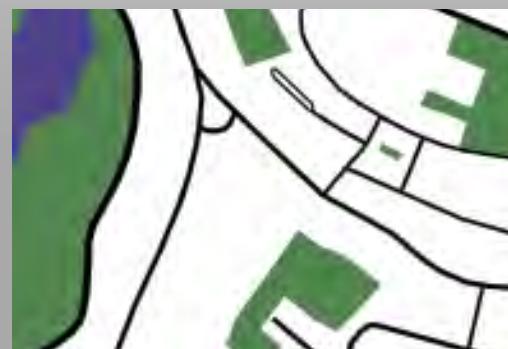
context



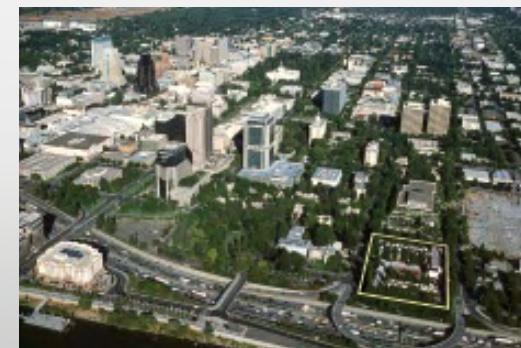
neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 21 TO 23 UNITS PER ACRE



Washington, DC 21.8 units / acre



Boise, ID 22.3 units / acre



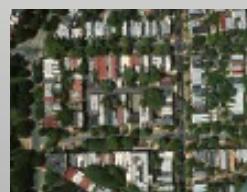
Boston, MA 23.2 units / acre



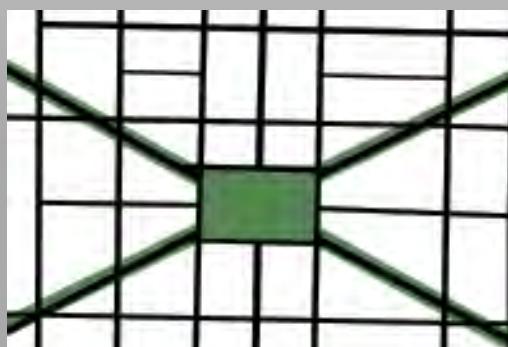
context



neighborhood



plan



street pattern



context



neighborhood



plan



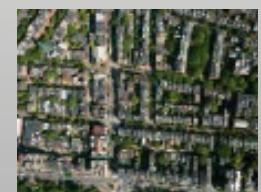
street pattern



context



neighborhood



plan



street pattern



## 23 UNITS PER ACRE



Salt Lake City, UT 23.3 units / acre



Baltimore, MD 23.7 units / acre



Staten Island, NY 23.7 units / acre



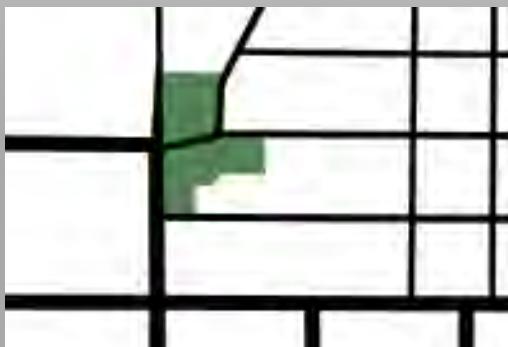
context



neighborhood



plan



street pattern



context



neighborhood



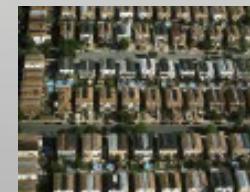
plan



street pattern



context



neighborhood



plan



street pattern

## 24 TO 25 UNITS PER ACRE



Portland, OR 24.8 units / acre



Hermosa Beach, CA 25.0 units / acre



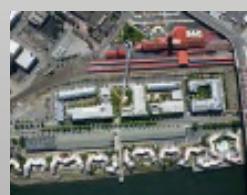
Portland, OR 25.0 units / acre



context



neighborhood



plan



context



neighborhood



plan



context



neighborhood



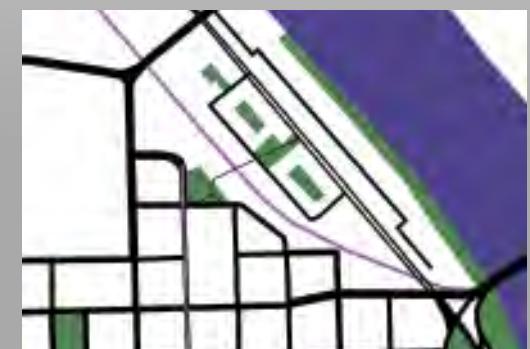
plan



street pattern



street pattern



street pattern



## 25 TO 27 UNITS PER ACRE



Los Angeles, CA 25.4 units / acre



Charlestown, MA 26.7 units / acre



Boston, MA 27.6 units / acre



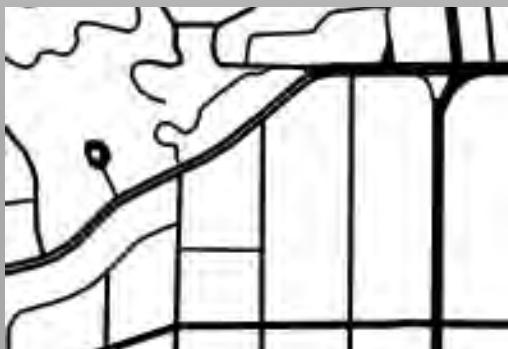
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

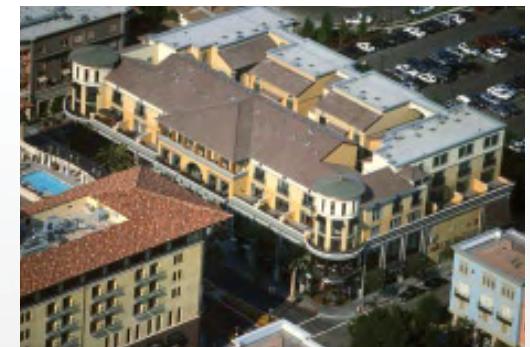
## 27 UNITS PER ACRE



Hayward, CA 27.7 units / acre



Longview, WA 27.8 units / acre



San Jose, CA 27.9 units / acre



context



neighborhood



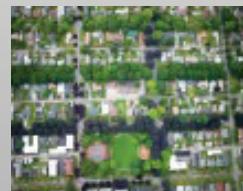
plan



context



neighborhood



plan



context



neighborhood



plan



street pattern



street pattern



street pattern



## 28 TO 29 UNITS PER ACRE



Baltimore, MD 28.6 units / acre



Staten Island, NY 28.9 units / acre



Dorchester, MA 29.0 units / acre



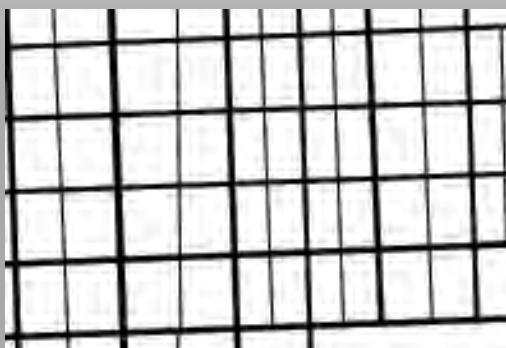
context



neighborhood



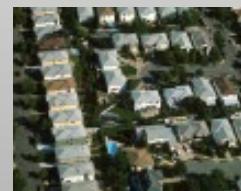
plan



street pattern



context



neighborhood



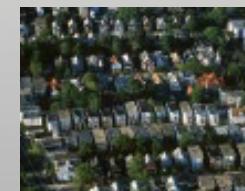
plan



street pattern



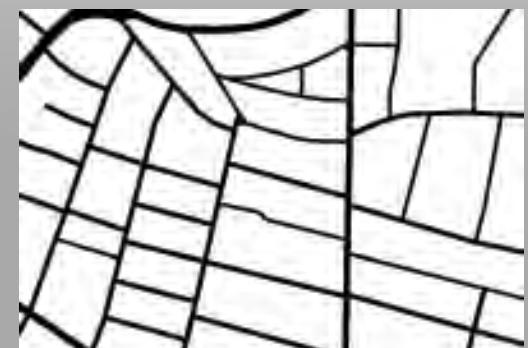
context



neighborhood



plan



street pattern

## 29 TO 31 UNITS PER ACRE



Tampa, FL 29.9 units / acre



Phoenix, AZ 31.5 units / acre



Los Angeles, CA 31.8 units / acre



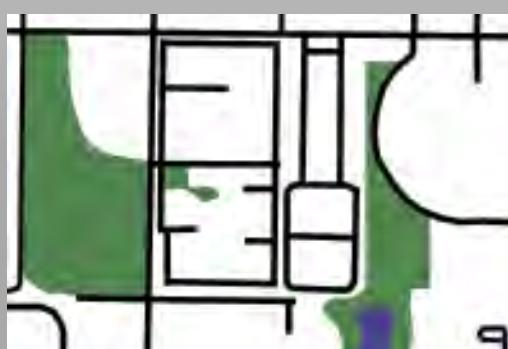
context



neighborhood



plan



street pattern



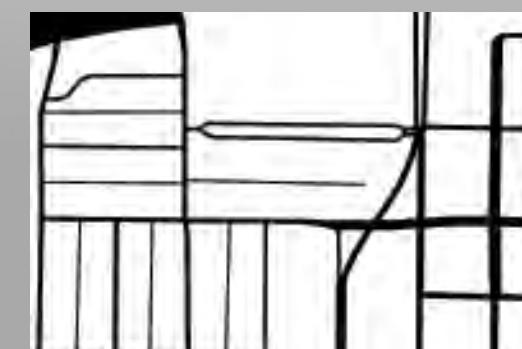
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



## 32 TO 33 UNITS PER ACRE



Salt Lake City, UT 32.4 units / acre



Santa Monica, CA 32.6 units / acre



Boulder, CO 33.0 units / acre



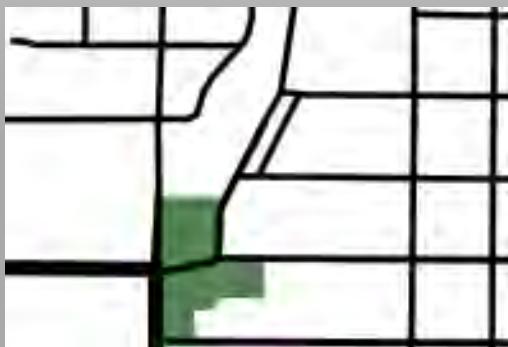
context



neighborhood



plan



street pattern



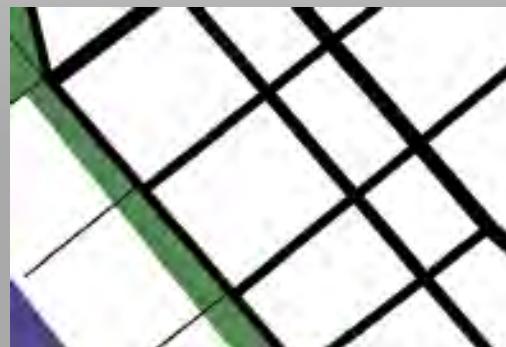
context



neighborhood



plan



street pattern



context



neighborhood



plan

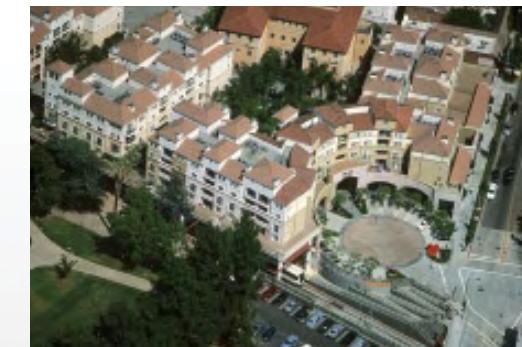


street pattern

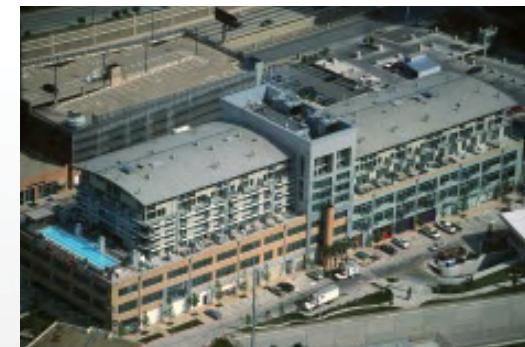
## 33 TO 35 UNITS PER ACRE



Detroit, MI 33.9 units / acre



Pasadena, CA 35.0 units / acre



Dallas, TX 35.7 units / acre



context



neighborhood



plan



street pattern



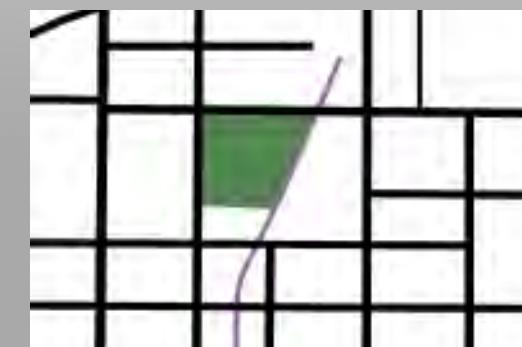
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



## 37 TO 38 UNITS PER ACRE



Las Vegas, NV 37.4 units / acre



Kansas City, MO 37.7 units / acre



New Orleans, LA 38.9 units / acre



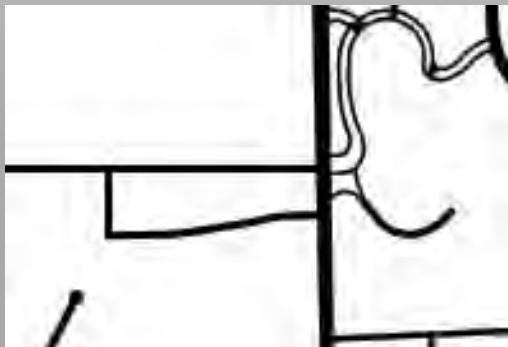
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 41 TO 42 UNITS PER ACRE



Phoenix, AZ 41.5 units / acre



Walnut Creek, CA 41.8 units / acre



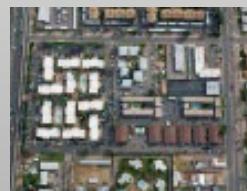
Portland, OR 42.7 units / acre



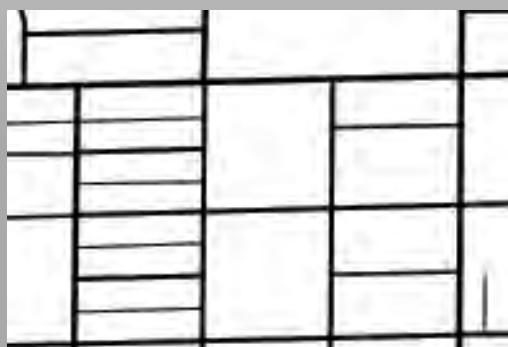
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



## 42 TO 48 UNITS PER ACRE



Los Angeles, CA 42.8 units / acre



Oakland, CA 44.0 units / acre



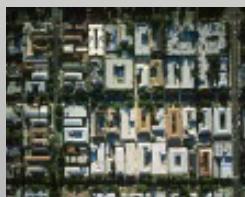
Los Angeles, CA 48.5 units / acre



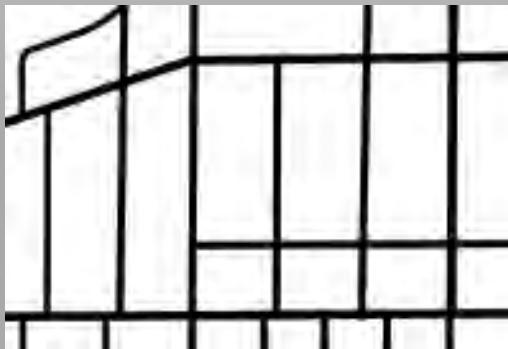
context



neighborhood



plan



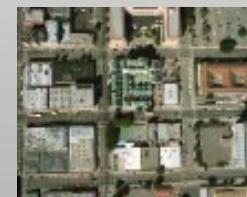
street pattern



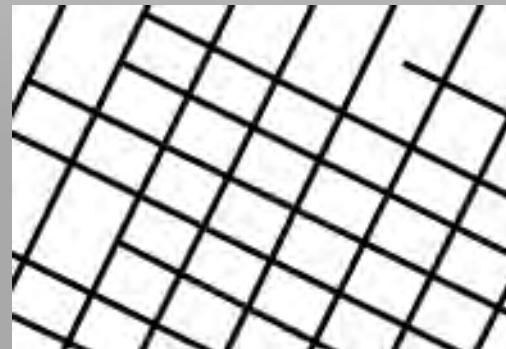
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 49 TO 52 UNITS PER ACRE



Mtn. View, CA 49.3 units / acre



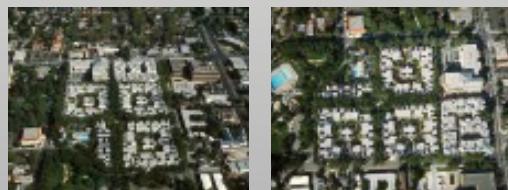
San Francisco, CA 52.5 units / acre



Boston, MA 52.9 units / acre



context



neighborhood

plan



street pattern



context



neighborhood

plan



street pattern



context



neighborhood

plan



street pattern

## 53 TO 55 UNITS PER ACRE



Los Angeles, CA 53.3 units / acre



Salt Lake City, UT 54.8 units / acre



Emeryville, CA 55.0 units / acre



context



context



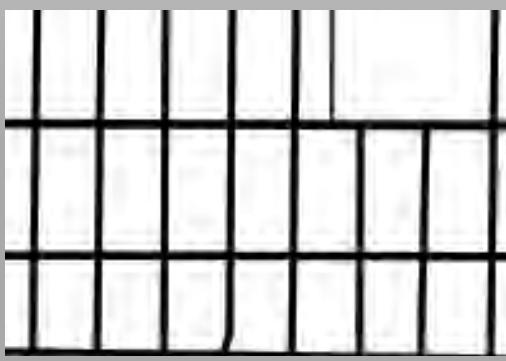
context



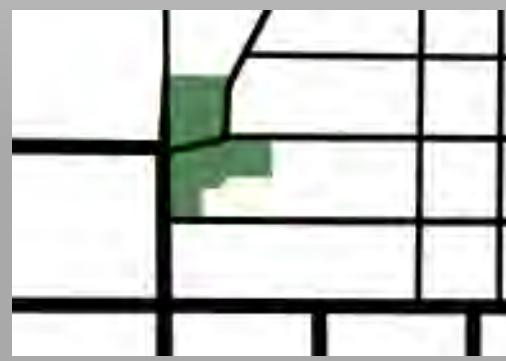
neighborhood



plan



street pattern



street pattern



street pattern

## 55 TO 60 UNITS PER ACRE



Addison, TX 55.2 units / acre



Los Angeles, CA 60.0 units / acre



Seattle, WA 60.0 units / acre



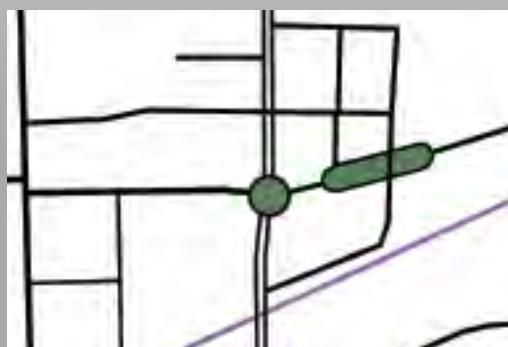
context



neighborhood



plan



street pattern



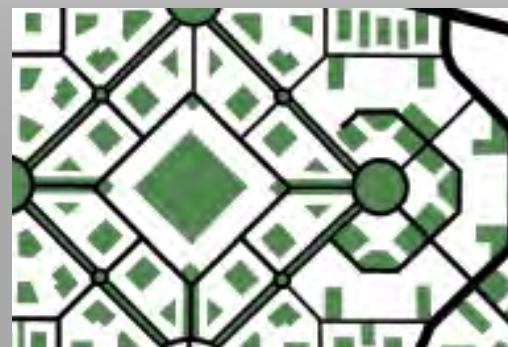
context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 60 TO 64 UNITS PER ACRE



Brooklyn, NY 60.4 units / acre



Emeryville, CA 61.5 units / acre



Dallas, TX 64.1 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 71 TO 85 UNITS PER ACRE



Cambridge, MA 71.7 units / acre



Mtn. View, CA 72.7 units / acre



Cupertino, CA 85.0 units / acre



context



neighborhood



plan



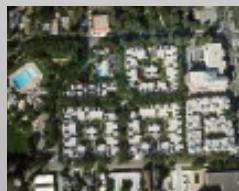
street pattern



context



neighborhood



plan



street pattern



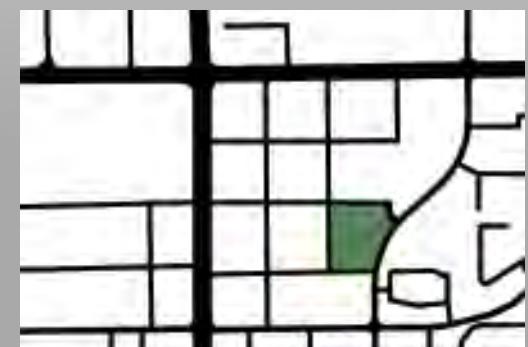
context



neighborhood



plan



street pattern



## 85 TO 89 UNITS PER ACRE



Oakland, CA 85.3 units / acre



San Francisco, CA 89.4 units / acre



Boston, MA 89.9 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern

## 93 TO 96 UNITS PER ACRE



Seattle, WA 93.8 units / acre



Boston, MA 96.0 units / acre



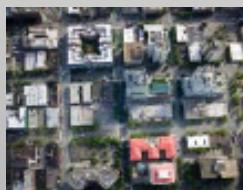
Kansas City, MO 96.0 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



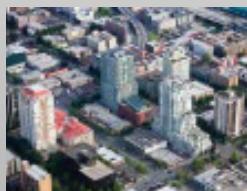
## 96 TO 98 UNITS PER ACRE



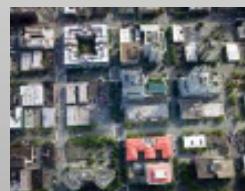
Seattle, WA 96.1 units / acre



context



neighborhood



plan



street pattern



San Francisco, CA 96.9 units / acre



context



neighborhood



plan



street pattern



Chicago, IL 98.0 units / acre



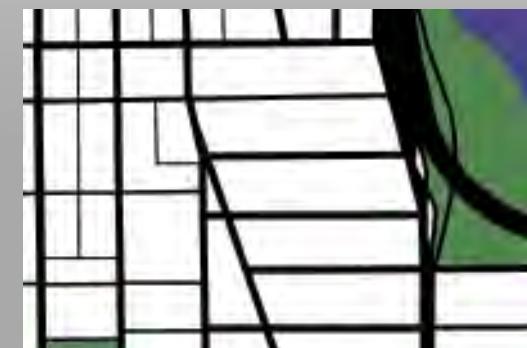
context



neighborhood



plan



street pattern

## MORE THAN 100 UNITS PER ACRE



Seattle, WA 100.1 units / acre



Las Vegas, NV 104.8 units / acre



New York, NY 112.2 units / acre



context



neighborhood



plan



context



neighborhood



plan



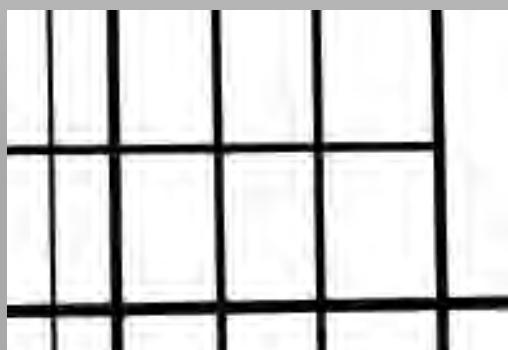
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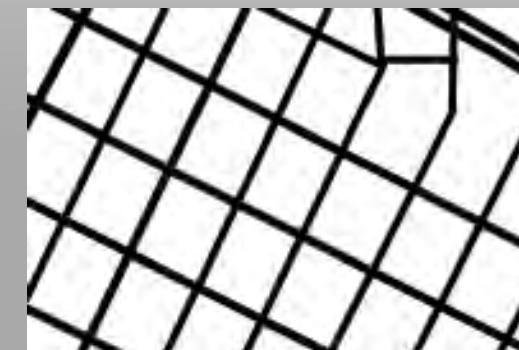
neighborhood



plan



street pattern



street pattern



street pattern



## MORE THAN 150 UNITS PER ACRE



Chicago 152.2 units / acre



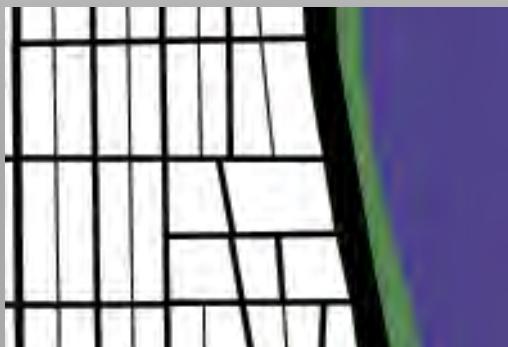
context



neighborhood



plan



street pattern



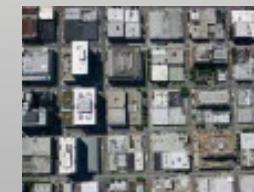
Portland, OR 161.3 units / acre



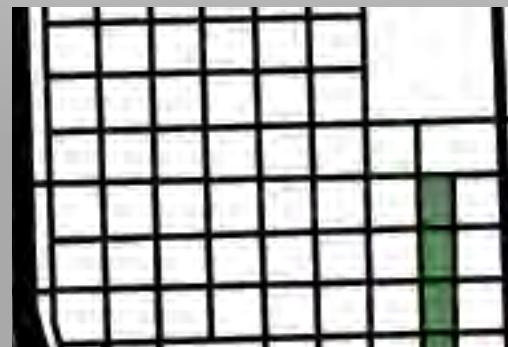
context



neighborhood



plan



street pattern



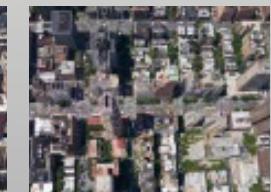
New York, NY 199.5 units / acre



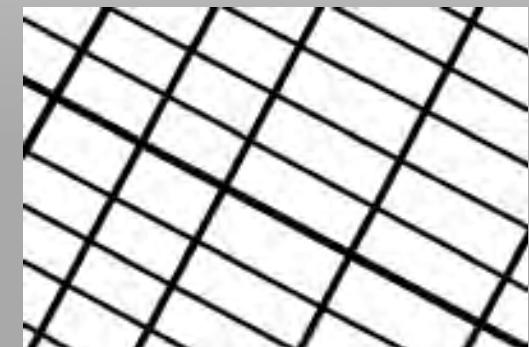
context



neighborhood



plan



street pattern

## MORE THAN 200 UNITS PER ACRE



San Francisco, CA 222.0 units / acre



New York, NY 288.0 units / acre



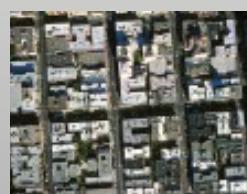
New York, NY 296.0 units / acre



context



neighborhood



plan



street pattern



context



neighborhood



plan



street pattern



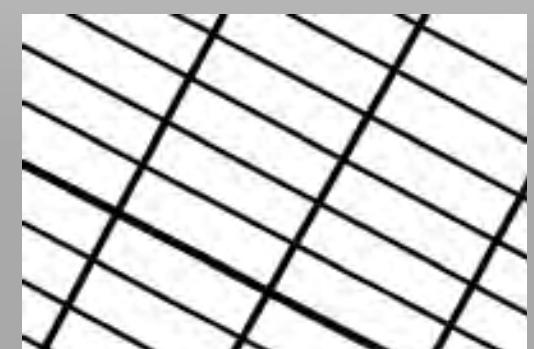
context



neighborhood



plan



street pattern



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— Julie Campoli and Alex S. MacLean

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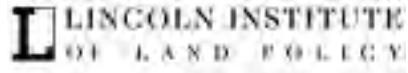
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