Why update Denver's Zoning Code?



Why update Denver's Zoning Code?



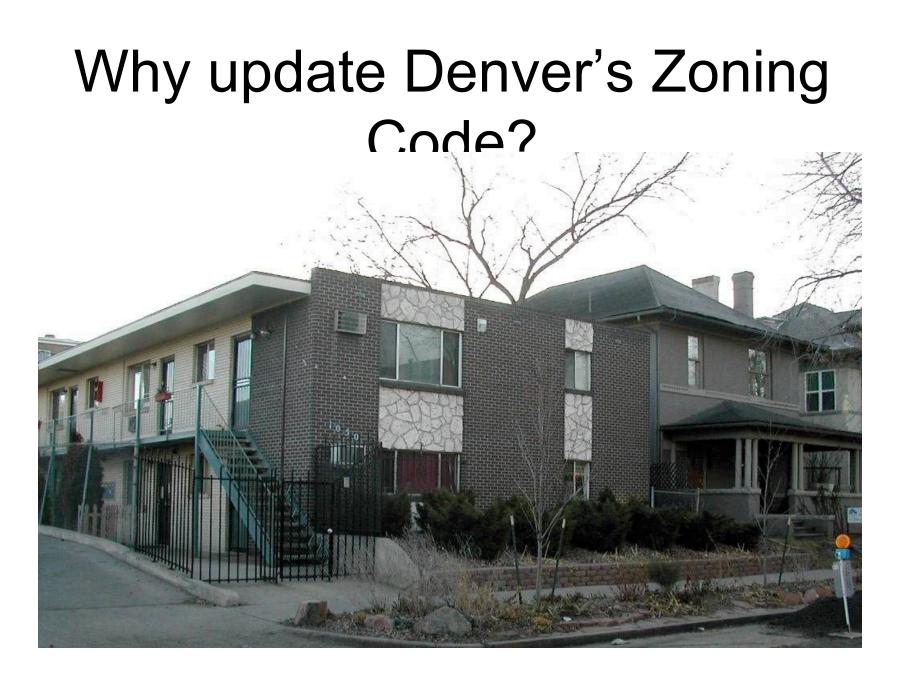






Why update Denver's Zoning Code?





Why update Denver's Zoning



Why update Denver's Zoning Code?

Urbanism THE REGION

The development and redevelopment of towns and cities should respect historical **patterns,** precedents, and boundaries.











TYPOLOGY AL



SNAPSHOT AREA - KEY

DESCRIPTION

This area typifies many of the earlier single family residential neighborhoods of the City. The development pattern in this area has particularly high lot coverage, with long street blocks concentrating consistently narrow lots. Detached sidewalks and mature street trees contribute a maturity and consistency to an already relatively cohesive pattern of housing. Front set backs tend to be consistent while the building form varies considerably either between lots or within the block. Building height is also relatively consistent. This would seem to be the most consistent of the residential typologies.

Differs from other traditional typologies:-

· Very high lot coverage and narrow streets

- · No front accessed parking
- · Very consistent pattern of street trees



SNAPSHOT AREA - AERIAL PHOTOGRAPH

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SNAPSHOT AREA - BUILDING PLACEMENT DIAGRAM



EXTRACT OF THE SNAPSHOT AREA - AERIAL PHOTOGRAPH (LEFT) EXTRACT OF THE SHAPSHOT AREA - BUILDING PLACEMENT DIAGRAM







The photograph of Congress Park above shows the shallow front yards, consistent front setback and general two story character prevalent within typology A1.

The photograph of a duplex in Congres Park above shows how many traditional multi-family structures fit within the general character of the single-family structures around them.





nearby single-femily development.

The photograph of Congress Park above As shown in the photograph of Congress Park above, A1 tends to have the most shows the consistent pattern of front porches and lack of front vehicle use arconsistent pattern of street trees among eas prevalent in typology A1. typologies.



As shown above, side setbacks are small and lot coverage is generally high in ty-





The defining elements of typology A1 are not always recognized in contemporary infill projects

gerages in typology A1. BUILDING FORM

sistent pattern of detached alley-loaded

Building Height: 2-2.5

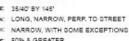
Plate Height: 15'-22'

- Roof Ridge Height: 25'-35'
- Roof Form: FRONT GABLE, SOME HIP Entry (Parch/Door Orientation): CONSISTENT FRONT PORCH

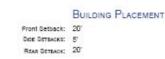
Transparency (Window Location & %): 30-50% Transparency

FRAMEWORK FEATURES

	T DAME WORK T EATONED		LOTTERIORES
STREET PATTERN:	REGULAR RECTILINEAR GRID	Lot Size:	35/40' BY 145'
STREET WIDTH:	MEDIUM AVENUES & NARROWER STREETS	LOT SHAPE & ORIENTATION:	LONG, NARROW, PERP. TO
SIDEWALK LOCATION:	DETACHED	Lot Wipne:	NARROW, WITH SOME EXC
ALLEYS:	CONSISTENT	LOT COVERAGE:	50% & GREATER
STREET TREES:	Yes - Regular Pattern	BUILDING ORIENTATION:	GEN. WITH LOT
BLOCK WIDTH:	RELATIVELY CONSISTENT 300' BY 600'	BULING PLACEMENT:	FORWARD
CONSISTENCY/DIVERSITY:	RELATIVELY CONSISTENT	PARKING ACCESS/LOCATION.	GEN, REAR ACCESS



LOT FEATURES



(RIGHT)

TYPOLOGY A2



SNAPSHOT AREA - KEY

DESCRIPTION

This area exhibits both an earlier form of residential and sequential development of more recent commercial and residential. The area In general retains a relatively constant central north/south alley circulation providing access to the rear from both residential and commercial uses. The residential sections of the area retain an earlier detached sidewalk circulation pattern with significant presence of mature street trees, despite the concentration of development. More recent development achieves a hard street edge in certain places but elsewhere presents open parking lot space to the street frontage. Building height ranges from single story residential and commercial development to a series of buildings of multiple stories. Coverage of the lot can be total or relatively high in the interspersed commercial and residential collage.

Differs from A1:-

· Appears to be derived from A1 but subject to notable change over time creating larger scale development within original pattern.

· Significant lot amalgamation

· Resembles patterns found in B2 but with higher lot coverage and greater diversity of building height.

FRAMEWORK FEATURES

STREET PATTERN:	RECTILINEAR GRID
STREET WIOTIC	MEDIUM AVENUES & NARROWER STS.
SIDEWALK LOCATION:	GENERALLY DETACHED
ALLEVS:	CONSISTENT
STREET TREES:	WIDESPREAD IN RESIDENTIAL
BLOCK WIDTH:	300' BY 500'
CONSISTENCY/DIVERSITY:	GENERALLY DIVERSE

Snapshot Area - Aerial Photograph

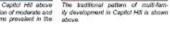


EXTRACT OF THE SNAPSHOT AREA - AERIAL PHOTOGRAPH





The photograph of Capitol Hill above shows the justaposition of moderate and large scale built forms prevalent in the neighborhood.





Unlike typology A1, some driveways for The above image of the snapshot area in single femily homes are accessed from the street as shown in the above image Capitol Hill shows traditional multi-family development in the tuppions.



Capitol HN above shows a traditional single family building converted to multifamily, with a newer multi-family building

On the eastern side of Capitol HNL many blocks include an unbroken pattern of traditional sincle family development.



next door.

in Capitol Hill, the shift from lower scaled ingle family residential forms to larger buildings has taken place over a long pe-buildings has taken place over a long pe-iod of time as shown in the image at kell of an older multi-family infit project.

SNAPSHOT AREA - BUILDING PLACEMENT DIAGRAM

LOT FEATURES Lot Size: 40' BY 125', MUCH MODIFIED LOT SHAPE & OMENTATION: RECT., PERP. TO STREET Lot Withe: 40' BUT MUCH AMALGAMATION LOT COVERAGE: VERY HIGH, 50 - 95% BUILDING ORIENTATION: GEN. WITH LOT BULING PLACEMENT: FORWARD OR CENTRAL PARKING ADDESS/LOCATION: REAR & STREET ACCESS

BUILDING PLACEMENT

Front Setback: 10-30" SIDE SETEACKS: 5" REAR SETBACK: 20' - VARIES



Extract of the Snapshot Area - Building Placement Diagram

TYPOLOGY BI



SWAPSHOT AREA - KEY

DESCRIPTION

This area includes both rectangular and square street blocks created by a regular pattern of avenues with narrower streets. Alleys are present throughout the area, generally subdividing the street block into east & west. This relationship is not constant however and several square and rectangular blocks have alleys providing access to the interior from different sides of the street block. Street trees are relatively common but occur on a sporadic basis. Building setbacks work with the detached sidewalks to create a strong landscaped street enclosure. There is both a mixture of consistent and also diverse housing arrangements. Lot coverage is relatively high in both more cohesive and diverse areas.

Differs from A typologies:-

- Lower lot coverage
- · Smaller structures
- · Some front accessed parking

Differs from other 8 typologies:-

- · More cohesive than B1 but demonstrating some later development
- of variable scale, especially within the square blocks
- · Lot coverage is higher than in B1

FRAMEWORK FEATURES

STREET PATTERN:	VERTICAL RECT. 7 SQUARE GRID
STREET WIOTH:	MEDIUM
SIDEWALK LOCATION:	DETACHED
ALLEVS:	SOME DEVIATION
STREET TREES:	COMMON BUT SPORADIC
BLOCK WIDTH:	300' SQUARE & 300 BY 415'
CONSISTENCY/DIVERSITY:	MIXED



SNAPSHOT AREA - AERIAL PHOTOGRAPH

6 6.5

aubda's

LOT SHAPE & OMENTATION: RECT., PERP TO STREET

Lot WIDTH: 45' TO 50'

LOT COVERAGE: HIGH C.40-60% BUILDING ORIENTATION: GEN. WITH LOT

PARKING ACCESS/LOCATION. REAR, SOME GARAGES

BULING PLACEMENT: FORWARD & CENTRAL

LOT FEATURES

Lot Size: 50' BY 125' STANDARD

SNAPSHOT AREA - BUILDING PLACEMENT DIAGRAM



EXTRACT OF THE SNAPSHOT AREA - AERIAL PHOTOGRAPH



Many blocks in sunnyside have a very regular pattern of wide front porches as and above right show that setbacks are greater and structures are generally shown in the photograph above.

framework element in traditional neigh-

borhoods (A1-B3) as shown in the pho-

Sunnyside are taller and larger than sin-

gle family or multi-family structures seen

tograph of Sunnyaide above.

Deteched aldewalks are an important

The photograph above shows the variety of roof forms in Sunnyside.

The photographs of Sunnyside above

smaller than in typologies A1 or A2.



tures in Sunnyside were relatively small and low like the duplex shown above.



as shown in the above photograph from

Sunnvaide.

Garage orientations in Sunnyside an more diverse than those seen in typology At as shown on the corner lot above

BUILDING FORM

Building Height: 1 - 1.5 STORIES. Plate Height: 8'-10' Roof Ridge Height: 12'-18' Roof Form: SIDE GABLED & FRONT GABLED Entry (Parch/Door Orientation): FRONT

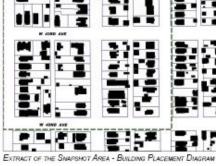
Transparency (Window Location & %): 34-45% TRANSPARENCY

BUILDING PLACEMENT

Front Setback: 20 - 25" SIDE SETEACKS: 5" REAR SETEACK: 20"

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TYPOLOGY D2



SWAPSHOT AREA - KEY

DESCRIPTION

This area combines a curvilinear or modified grid with cul-de-sac elements of the classic curvilinear, which becomes more common in later residential development. Here the connectivity provided by the street network is still relatively high, while block length although variable tends to be very long. Sidewalks are attached and trees in private yards convey an impression of sporadic street trees. Lot size and shape vary in response to the street alignments and are relatively disparate. Building plan is generally long axis parallel to the street, although in many cases a protruding garage element presents a gable to the street in an 'L' or 'T' shaped plan. Architectural form varies considerably, as does building height or mass, creating a strong sense of diversity. Some blocks however exhibit a greater sense of architectural cohesion. Where there is a consistent front set back this also contributes a greater sense of order.

Differs from D1 typology

°C

- · Introduction of cul-de-sacs
- · Curvilinear grid form is retained but more pronounced.
- · Higher lot coverage and larger structures

FRAMEWORK FEATURES

STREET PATTERN:	CURVILINEAR GRID WITH CUL-DE-SACS	Lot Bize:	75' BY 125'
STREET WIDTH:	WIDE	LOT SHAPE & ORIENTATION:	RECT. TO SQUARE
SIDEWALK LOCATION:	ATTACHED	Lot Wigne:	75' AVE BUT VARIES WITH ST. PATTERN
ALLEYS:	NONE	LOT COVERAGE:	40-50%
STREET TREES:	NONE. TREES IN NARROW FRONT YARDS	BUILIDING ORIENTATION:	LONG AXIS PARALLEL TO STREET
BLOCK WIDTH:	250' BY 1200' AVE. VARIABLE	BUILING PLACEMENT:	CENTRAL & FORWARD
Consistency/Diversity:	BOTH	PARKING ACCESS/LOCATION:	FRONT, ATTACHED PROTRUDING GA-



SNAPSHOT AREA - BUILDING PLACEMENT DIAGRAM

LOT BIZE: 75' BY 125'

RAGES

LOT FEATURES



EXTRACT OF THE SNAPSHOT AREA - AERIAL PHOTOGRAPH





the photograph of Hempden South Most structures in the typology are 1stories in height with front facing garages above shows the typical pattern of attached sidewalks and driveways in typolas shown in the photograph above



South above and at right, most streets in The typology follow a classic curvillnear notion

wide as shown in the photograph above.

ooy D2





Although expansion and reconstruction in relatively uncommon in the typology. some homes are undergoing renovation as shown in the photograph above.

EXTRACT OF THE SNAPSHOT AREA - BUILDING PLACEMENT DIAGRAM

BUILDING PLACEMENT

Front Setback: 25' BUT VARIES SIDE SETBACKS: 5" REAR SETBACK: VARIES - RELATIVELY LARGE

BUILDING FORM Building Height: 1-2 STORIES - VARIES Plate Height: 8'-18' Roof Ridge Height: 14"-25" Roof Form: GABLED OR PYRAMIDAL Entry (Parch/Door Orientation): FRONT, BEHIND GARAGE Transparency (Window Location & %): 20-35% TRANSPARANCY

INFILL DEVELOPMENT SURVEY Typology A1



GOALS AND

INSTRUCTIONS

This survey is designed to explore a range of development options within the principal typology groups or character areas, with a view to identifying residential forms which best balance additional residential space with the most important elements of area chourtbure to the consideration of a range of development and densite a stundards

of development and design standards which might form part of any future code and/or zoning to achieve greater compatibility in the reconciliation of these issues.

Optional Contact Information:

lame:	Email		
ddress:			
leighborhood:			
Vould you like to receive notificatio	as and information concerning this project from the City & County of Denver? _	Yes	No



INTRODUCTION

The City and County of Denver is studying potential revisions to the Zoning Code. A Diagnostic Report on the issues has been prepared and, in line with definitions identified in Blueprint Denver, has analyzed Areas of Change and Areas of Stability, and carried out a Plan and Code Analysis.

Within the defined Area of Subility a system of darfa reideniid character areas, or 'typologie' has been defined throughout the City. These typology areas are identified by characteristics which are common to the area. In many cases the original building form or subsequent development may have created considerable diversity within an area or stret block. The typology framework and definitions have been docused in public norms ind proposed revisions/refinements on the typology rougs are contribuing to the consideration of the framework, groups and boundaries.

There has been increasing infill development activity within many of these areas in recent years and consequently considerable discussion on the form and direction that future development might take. A central issue is to balance the need for additional residential *economodulation* with the the character and individuality of many areas valued by current and future residents.

Typology A1

This are a spiffer many of the earlier single family residential neighborhoods of the Cay. The development pattern in this area has particularly high lot coverage, with long strees blocks concentrating eidewalks and mature street trees contribute a maturity and consistency to an already relatively cohesive pattern of housing. Front set backs tend to be consistent while the building form varies considerably either between lots or within the block. Building height is also relatively consistent.

This would seem to be the most consistent of the residential yepologies, although there is identifiable variation within the area and also within the street block, including differing heights and forms, and duplex type units. The Al typology area differs from other Consistent Pipelor low coverage, with the predominant building height being consistent Pipelor low coverage, with the predominant building height being access is from rear allysy with a variety of garage and cless account of detaches the sector of the current area. Questions are possed of the current area. Questions are possed of the current area. Questions are possed of an exclusion of the accessory buildings, there is a consistent pattern of detaches of the bot and building foundations are of the bot and building foundations are and forms and variety of the coverage, standard and the accessory the adaptive constraint of the current area. Generating these theoretical development options seeding views on the degree working street heade, loc coverage, standard and studientions are of the bot and building foundations are for the building.

For the multiple choice questions that follow in this paper, please color in or mark only one of the optional answers for each. plementing Blueprint Denver

oning Code Updat

I. BUILDING HEIGHT COMPATIBILITY

Building height is considered as: (1) the measurement from grade to the highest roof ridge, and (2) from grade to the eaves (wall plate).

1.1: How important is it that a new infill building reflect traditional building heights in the area?

62% Very important; 25% Moderately important; Mot important

1.2: How important is it that the roof type and orientation on a new infill building reflect those seen traditionally in the area?

77% Very important; 13% Moderately important; 0% Not important

The image immediately below shows the existing block face on two sides of a street in the B1 sample area. In the subsequent block face images, some of the existing structures are replaced with new infill development. Please check one box under each infill building to indicate what you think best defines compatible height. EXISTING TRADITIONAL BLOCK FACE



ALTERNATIVE INFILL SCENARIOS



1.6: 2 Stories, Gable Roof 4% Compatible 0% Somewhat Compatible 96% Not Compatible

Why?

1.7: 1 Story, Gable Roof 71% Compatible 29% Somewhat Compatible 9% Not Compatible Why?



Implementing Blueprint Denver

ning Code Update

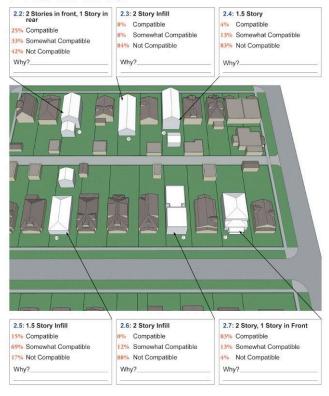
Zoning Code

2. Lot Coverage Compatibility

For purposes of this survey, lot coverage is defined as that area of a parcel that is covered by buildings, expressed as a percentage of the lot area.

2.1: How important is it that a new infill building reflect the traditional lot coverage found in the area?
<u>79%</u> Very important; <u>17%</u> Moderately important; <u>4%</u> Not important

The image below shows a model of an existing block in the A1 sample area, with some new infill projects. Please check one box corresponding with each of the identified infill projects to indicate a level of lot coverage that you think is compatible with the surrounding area.



Infill Development Survey

Typology B1 November 2006

3. Building Mass & Scale Compatibility

Building mass and scale is defined as the length, width, and height of the overall building.

3.1: How important is it that a new infill building reflect the traditional building mass and scale found in the area?

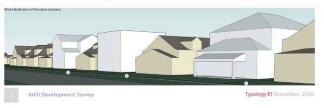
84% Very important; 8% Moderately important; 4% Not important

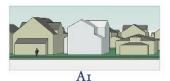
The image below shows the sample block, in which some of the existing structures have been replaced with new infill development. Please check one box corresponding with each of the identified infill buildings to indicate what you think best defines compatible mass and scale relative to the area.

0.0.0 Otom: Otomer (1984-11-	0.0.0 Otra-1-611
3.2: 2 Story, Stepped Walls	3.3: 2 Story Infill
6% Compatible	0% Compatible
33% Somewhat Compatible	8% Somewhat Compatible
63% Not Compatible	92% Not Compatible
Why?	Why?

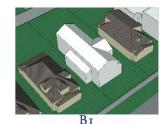


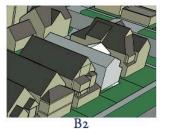
3.4: 2 Story in Front, 1 Story in Rear	3.5:2 Story with 1 Story in Front
0% Compatible	54% Compatible
12% Somewhat Compatible	29% Somewhat Compatible
88% Not Compatible	17% Not Compatible
Why?	Why?

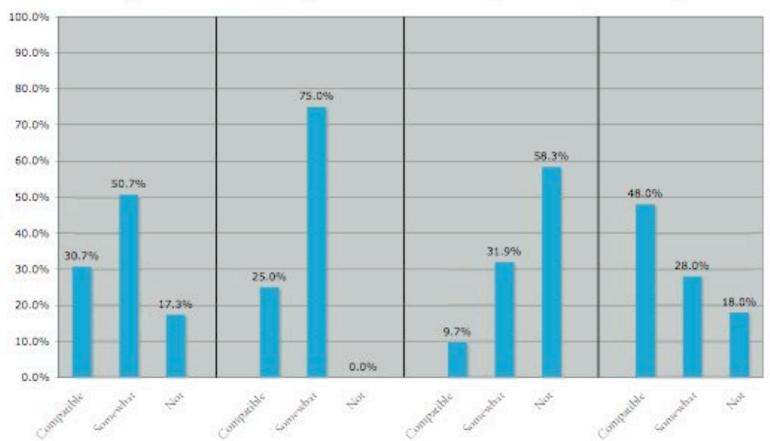


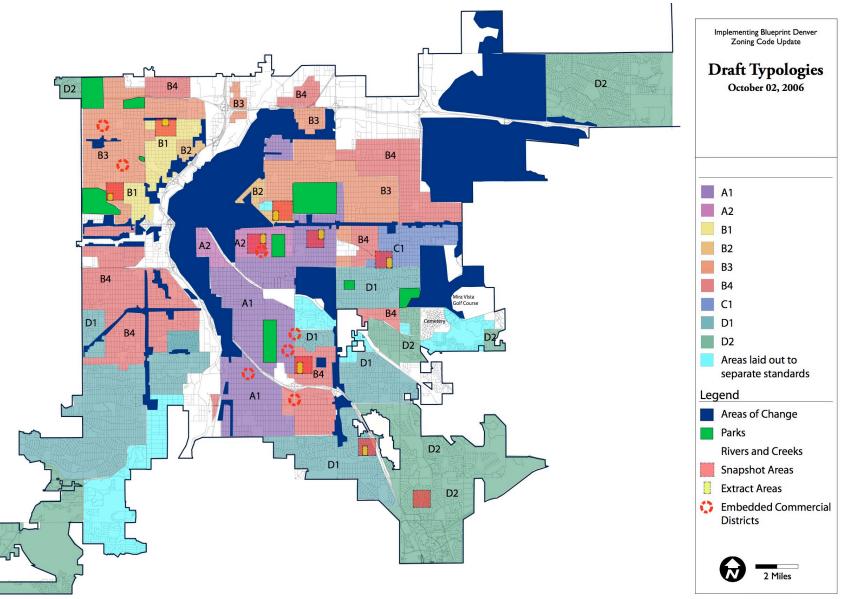








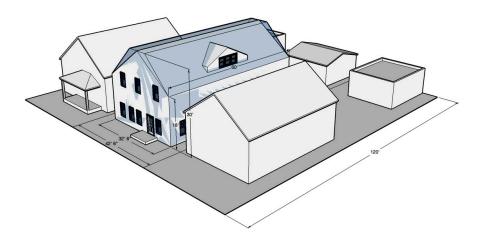




Bungalow 1½ Story SF Bldg Type

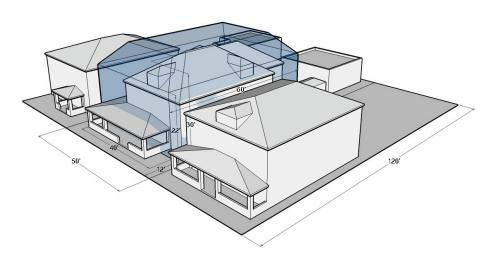






2-Story Denver Square SF Bldg

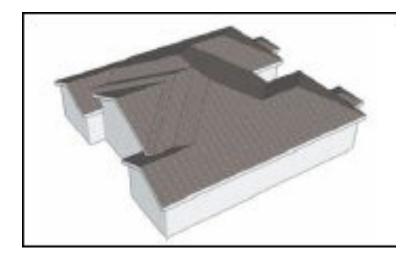




1-Story Traditional Two-Unit



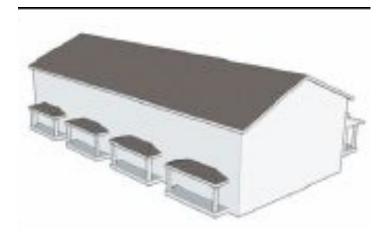




Rowhouse/Attached MF Bldg

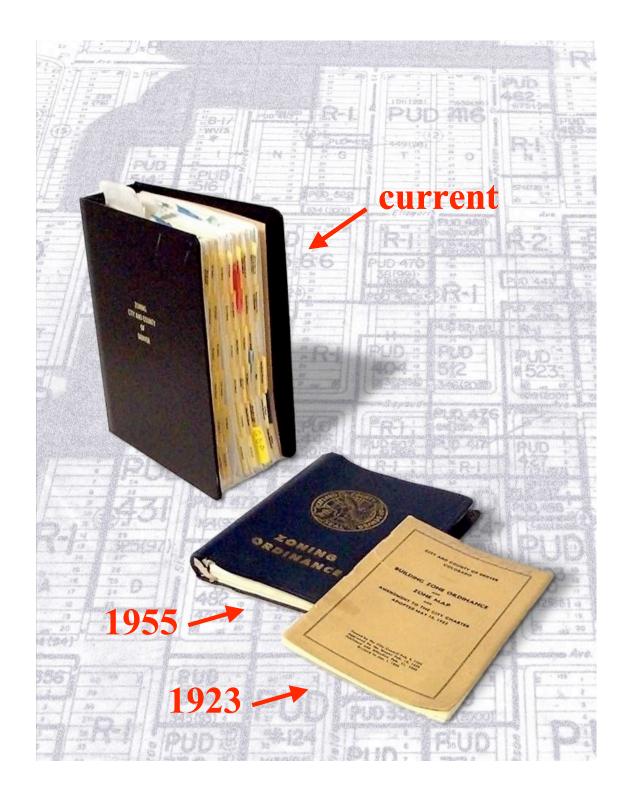


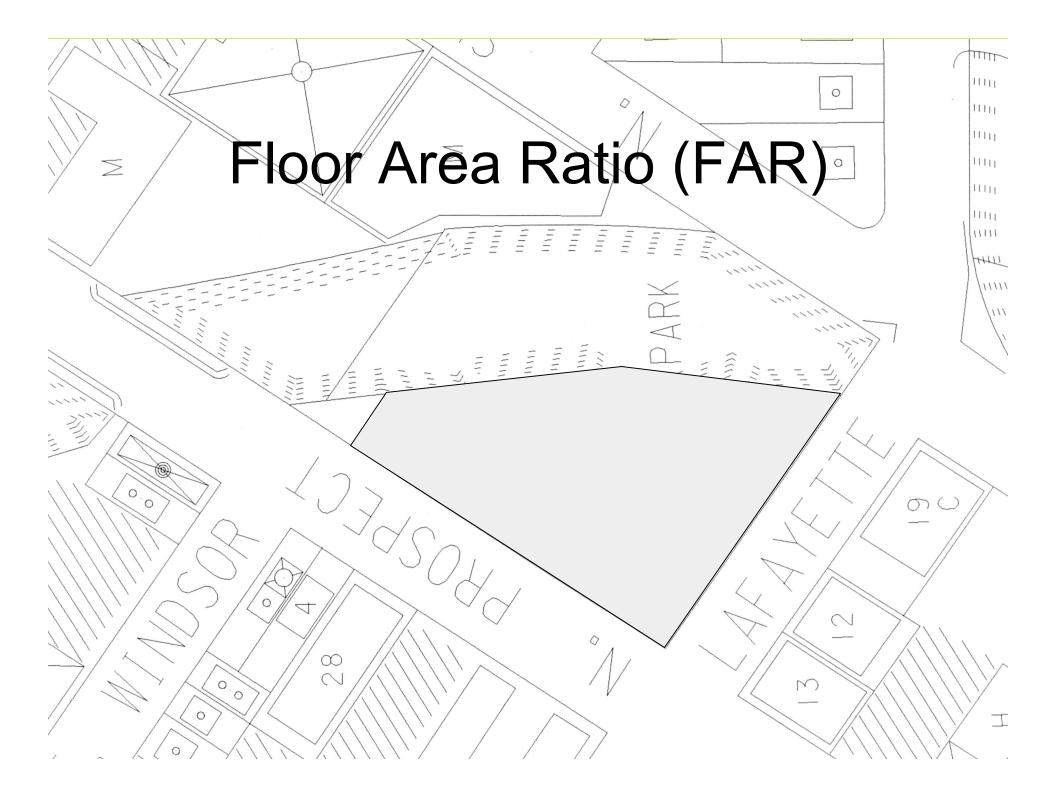


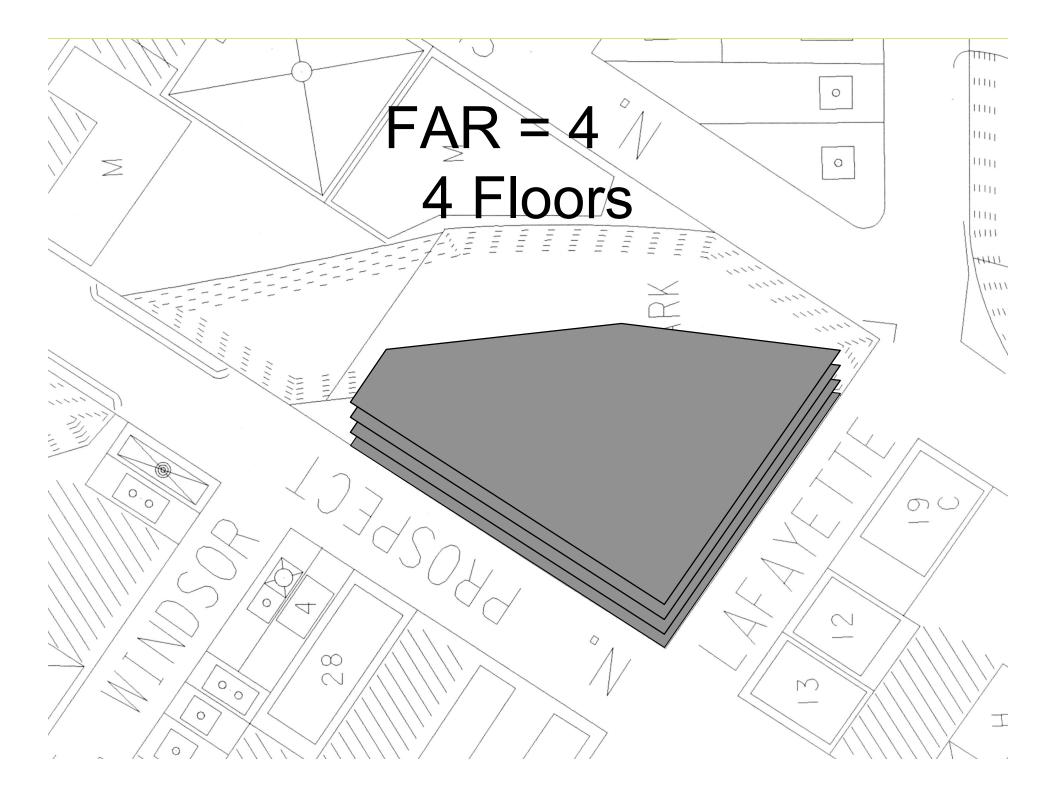


Why update Denver's Zoning Code?

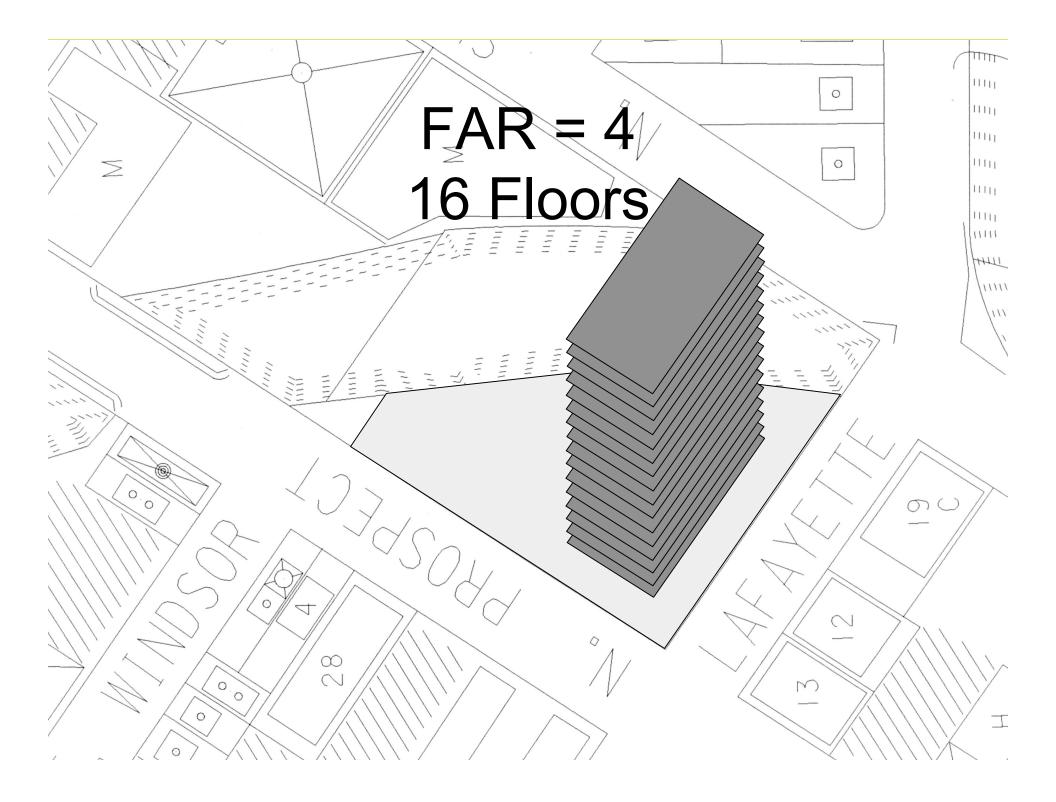
- The current Zoning Code is COMPLICATED and the result of years of incremental change
 - Cumbersome Documents
 - Inconsistent Processes
 - Considerable complexity in the form of waivers and conditions, PUDs, limitations, procedures, etc.

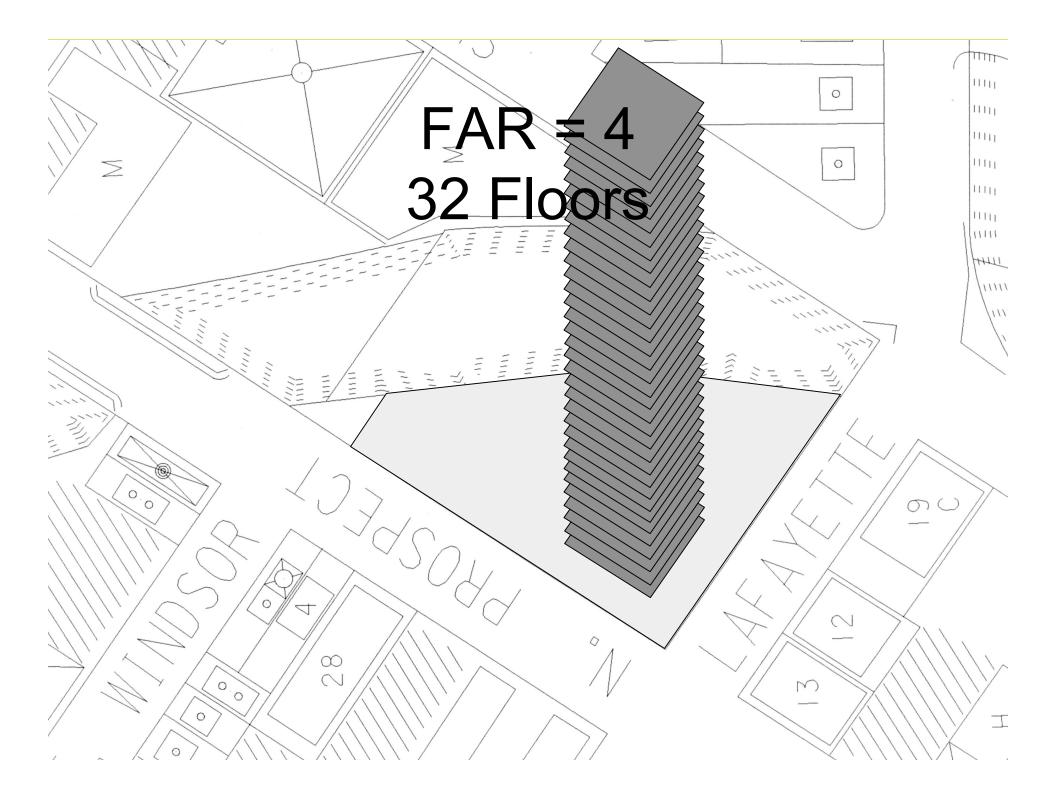










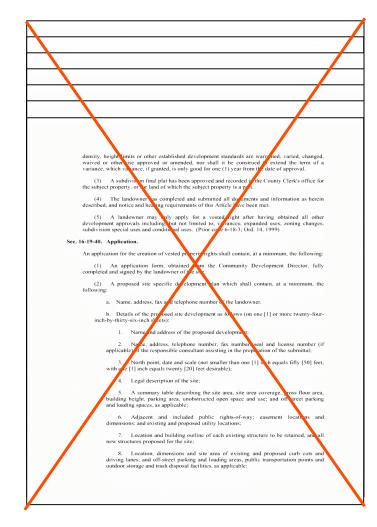


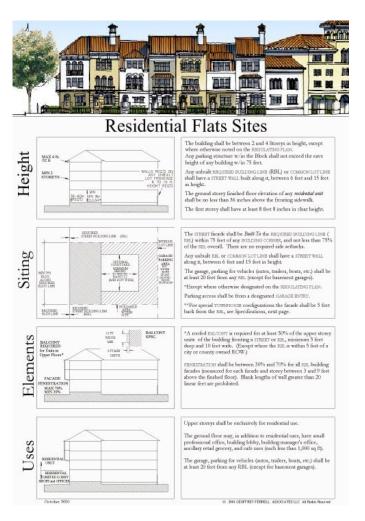
THE NEIGHBORHOOD, DISTRICT, AND CORRIDOR

> The economic health and harmonious evolution of the neighborhoods, districts, and corridors can be improved through **graphic urban codes** that serve as predictable guides for change.

"Codes are pervasive in their control of the built public realmour streets, parks, and squares." Bill Lennertz

"Legalese" vs. Simple Diagrams





Implementing Plans Through Regulations

- Adopted plans express the community vision and provide the conceptual basis for regulations.
- The Zoning Code is the legal MEANS of implementing adopted plans.
- Land development regulations should not be mysterious but should clearly broadcast what communities want.
- Standards and Processes should recognize and facilitate CUSTOMER needs.