CODEONEXT

SHAPING THE AUSTIN WE IMAGINE



CodeTALK: Exploring Compatibility

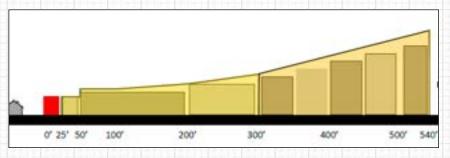
Daniel Parolek
Principal, Opticos Design, Inc.
daniel.parolek@opticosdesign.com

Peter Park

Public Presentation June 12, 2014 Austin, TX



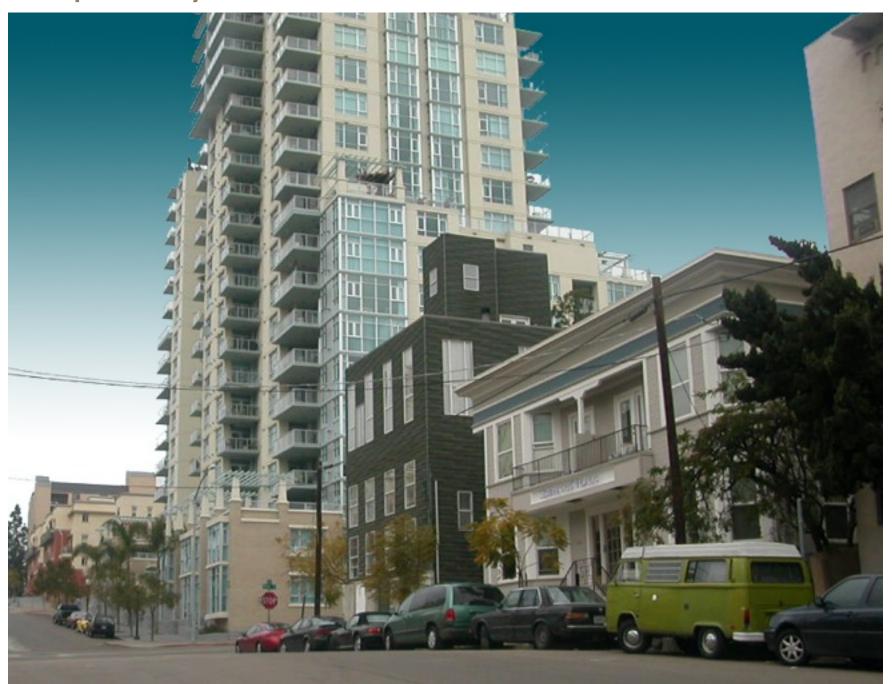








Compatibility



Agenda

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8:00-8:05 Welcome by Council Member Morrison
8:05-8:15 Exploring Compatibility
8:15-8:35 Panel Discussion
8:35-8:55 Presentation of Tools Used by Other Communities
8:55-9:30 Table Discussions
9:30-9:40 Break
9:40-10:00 Team Response to Questions & Next Steps
10:00am Adjourn
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1 What Does Compatible Mean?

Definition for Compatible How Would You Define?

Compatible | kəm'patəbəl

...Let's take a look at some other definitions

Definition for Compatible and Compatibility New Oxford American Dictionary

Compatible | kəm'patəbəl

(of two things) able to exist or occur together without conflict

Compatibility | kəm patə bilitē

a state in which two things are able to exist or occur together without problems or conflict

Definition for Compatible Land Development Code

Compatible | kəm'patəbəl

The term compatible is used in many locations in the code, but no definition is provided. One general definition is...

Definition for Compatible Land Development Code

Compatible | kəm'patəbəl

A development, building and/or land use that is designed to be able to exist or occur without conflict with its surroundings - in terms of its uses, scale, height, massing and location on its site.

Existing Tools

Tools in the Existing Land Development Code that Work to Create Compatible Development

Existing Tools in the

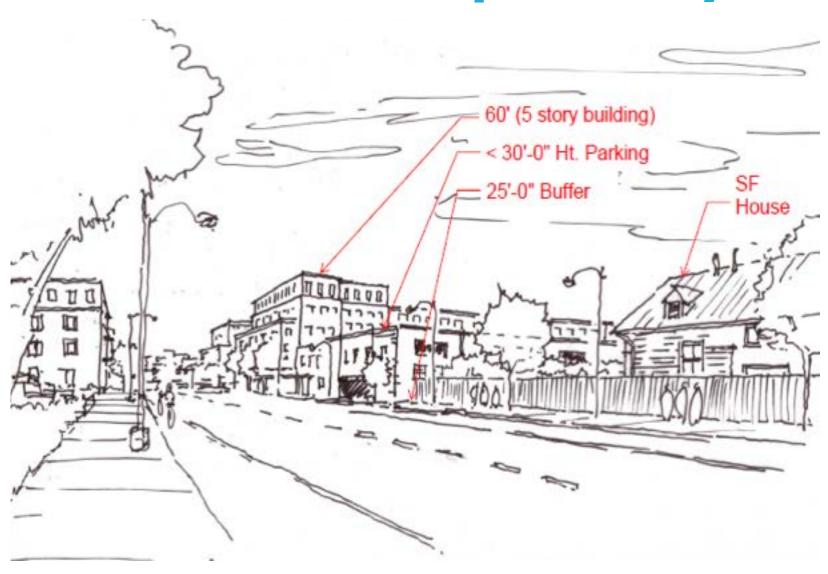
Land Development Code

Multiple approaches each implementing important standards to adjust base zoning districts to encourage compatible development.

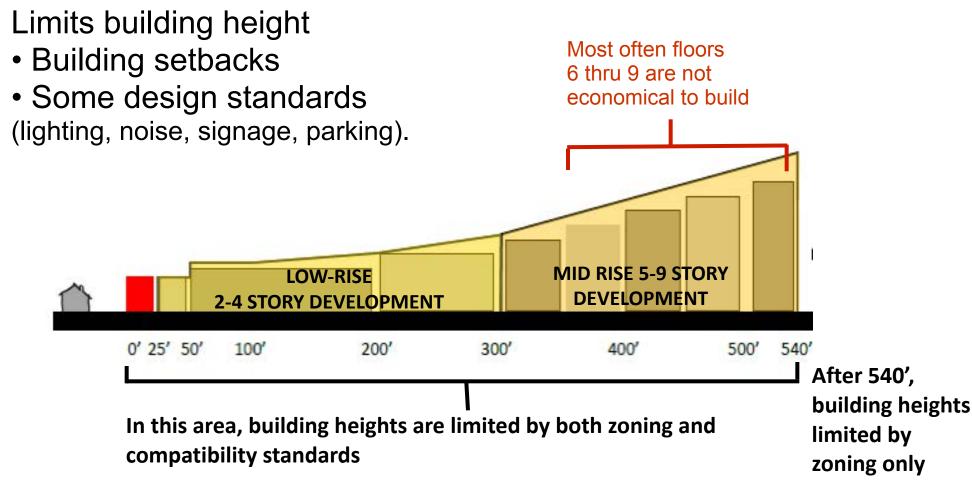


Definition for Compatible

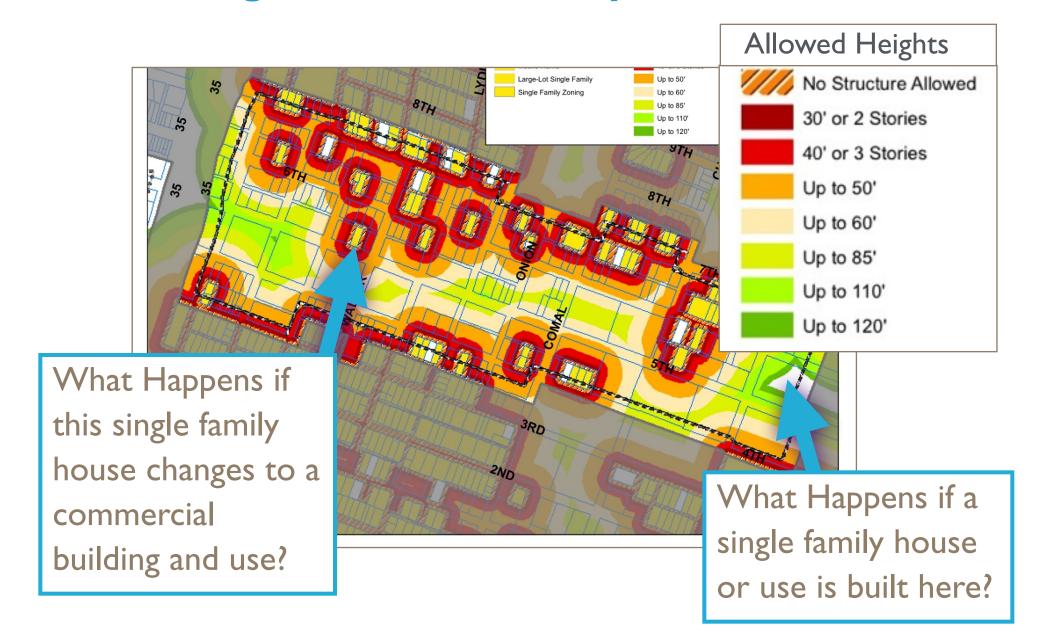
Article 10 Compatibility



How the LDC Addresses Compatibility Article 10 Compatibility Height and Setbacks

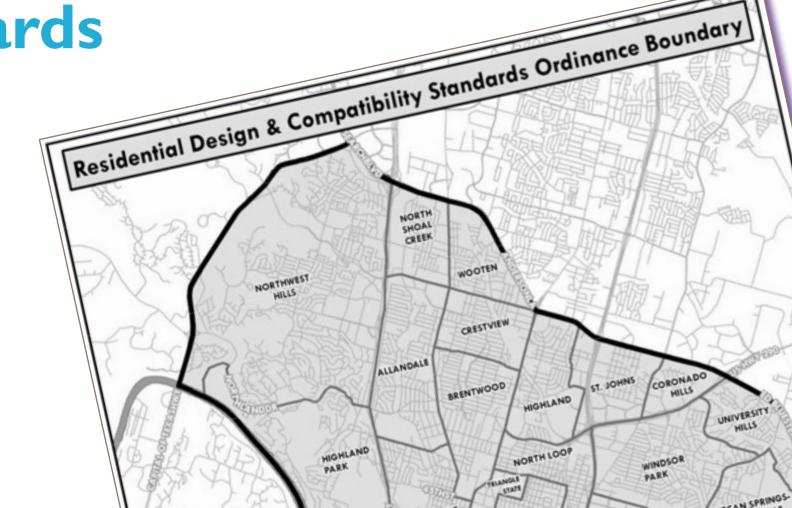


Allowed Heights: Regulated by Article 10 Lack of Long Term Predictability



How the LDC Addresses Compatibility

McMansion
Subchapter F: Residential
Design and Compatibility
Standards



How the LDC Addresses Compatibility Subchapter F: Residential Design and **Compatibility Standards** Maximum Development and **Building Height**

ARTICLE 2: DEVELOPMENT STANDARDS

MAXIMUM DEVELOPMENT PERMITTED 2.1.

The maximum amount of development permitted on a property subject to this Subchapter is limited to the greater of 0.4 to 1.0 floor-to-area ratio or 2,300 square feet of gross floor area, as defined in Section 3.3. Floor-to-area ratio shall be measured using gross floor area as defined in Section 3.3.

2.2.

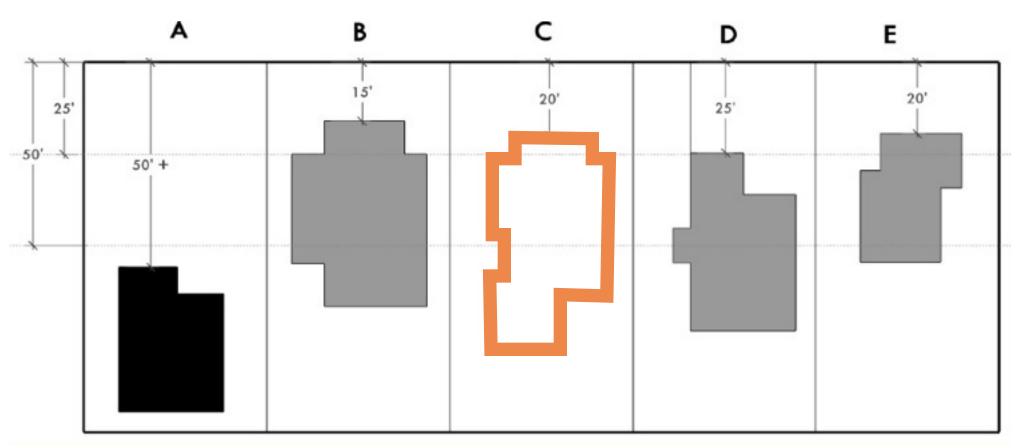
Except where these regulations are superseded, the maximum building height for development subject to this Subchapter is 32 feet. Section 25-2-531 (Height Limit Exceptions) does not apply to development subject to this Subchapter, except chimney, vent, antenna, or energy conservation or production equipment or feature not BUILDING HEIGHT designed for occupancy. Building height shall be measured under the requirements defined in Section 3.4.

2.3. FRONT YARD SETBACK

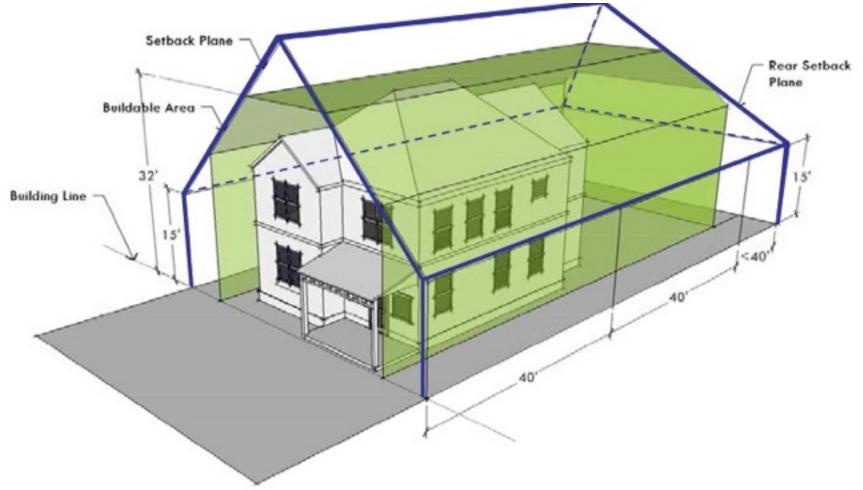
tract ward setback required for development subject to this Subchapter Minimum Setback Required

How the LDC Addresses Compatibility Subchapter F: Residential Design and **Compatibility Standards**

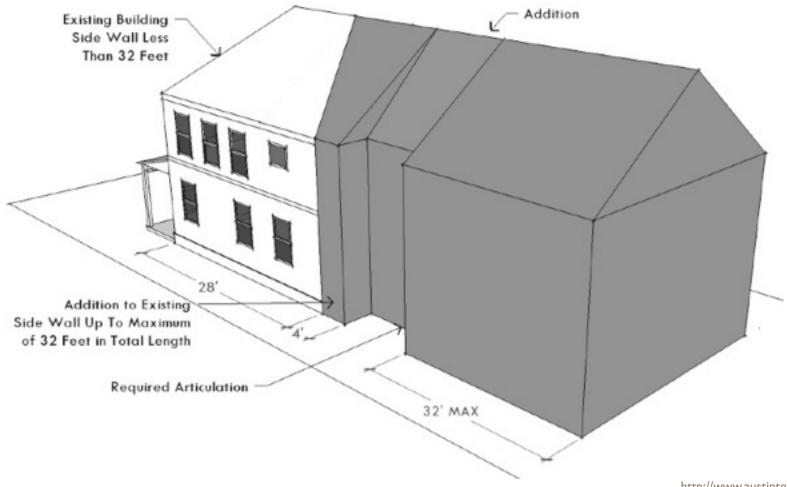
Averaged Front Setback



How the LDC Addresses Compatibility Subchapter F: Residential Design and **Compatibility Standards** Setback Planes



How the LDC Addresses Compatibility Subchapter F: Residential Design and **Compatibility Standards Massing Setback Planes**



How the LDC Addresses Compatibility **Neighborhood Plans**

Policies and Goals

Protect Neighborhood Character from development out of scale with neighborhoods

Land Use Changes

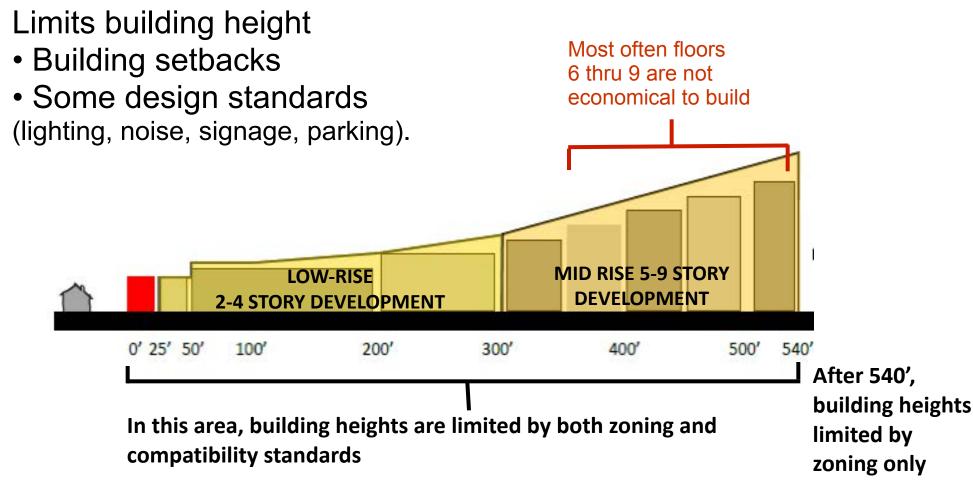
Non-compatible land uses were removed from the list of allowed land uses in base zoning districts.

How the LDC Addresses Compatibility **East Riverside Corridor** Regulating Plan

- Creating good transitions...to create a great place
 - Customized to location
 - Design standards
 - Improved connections
 - Land use districts provide transitions in uses and scale of development



How the LDC Addresses Compatibility One-Size-Fits All Approach for All of Austin

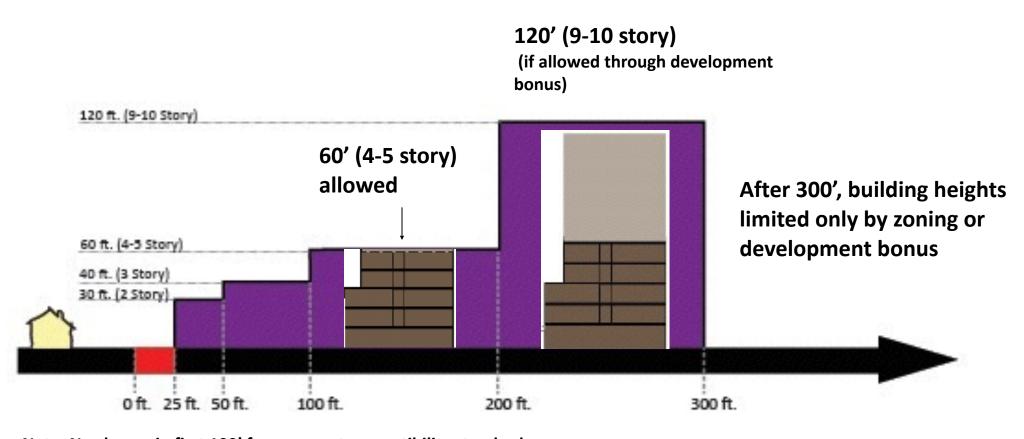


How the LDC Addresses Compatibility **ERC Modified Compatibility Standards**

- ✓ Great sidewalks, streetscapes & public spaces
- ✓ Buildings brought up to the street with display windows
- ✓ Walkable connections to destinations
- ✓ Required shade
- ✓ Building stepbacks over 3 stories
- ✓ Land Use district transitions
- ✓ Additional landscape requirements at property line
- Lighting standards

- ✓ Screen mechanical equipment from view
- No Dumpsters within 50 feet of single-family home
- Noise limitations
- Building articulation
- Compatible building materials
- Screen parking garage lighting from neighborhood properties
- Line parking garages with secondary use or "green" wall

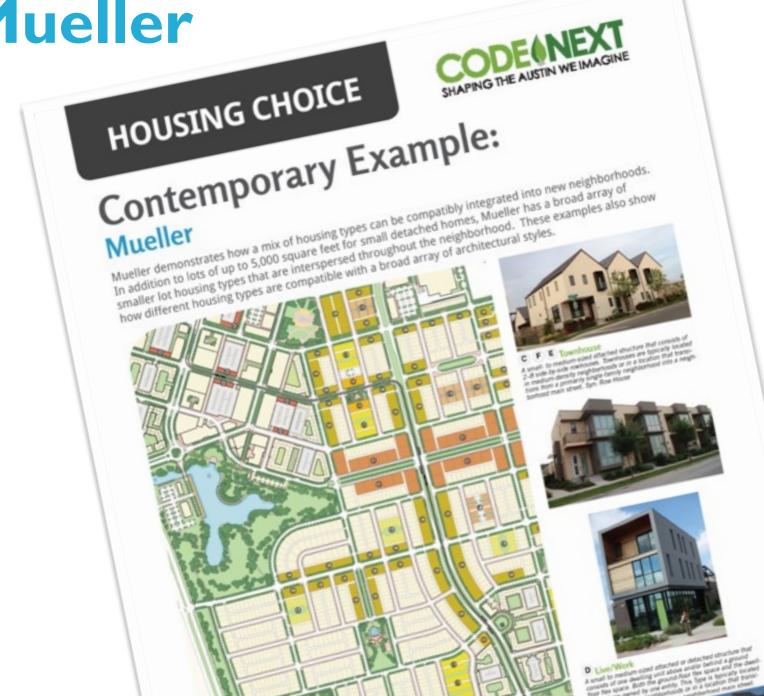
How the LDC Addresses Compatibility **ERC Modified Compatibility Standards**



Note: No change in first 100' from current compatibility standards except increased design guidelines.

How the LDC Addresses Compatibility

PUD: Mueller



2 Panel Discussion

Panel Members

Michael Hsu

Principal Architect, Michael Hsu Office of Architecture

Dr. Mark Rogers

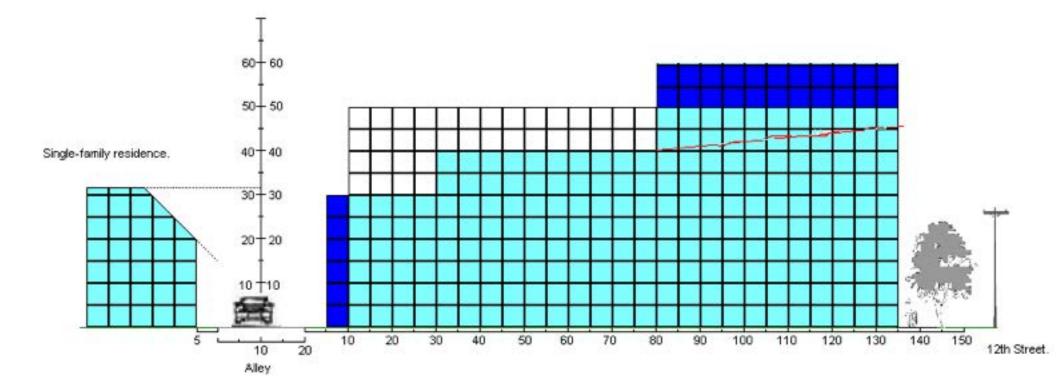
Executive Director, Guadalupe Neighborhood Development Corporation

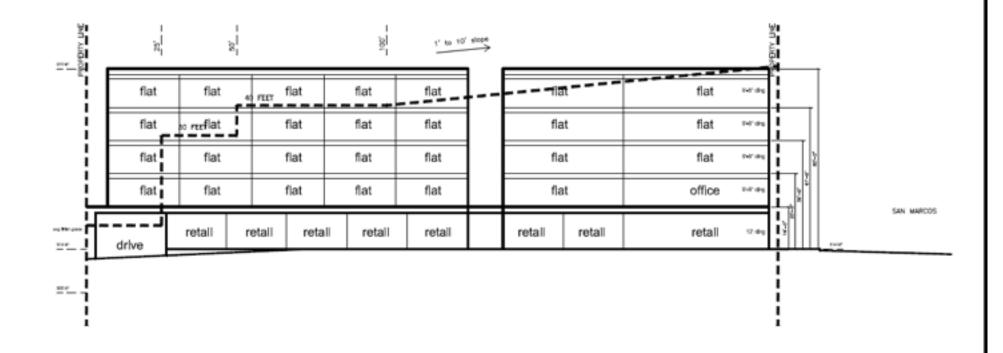
Nuria Zaragoza

Planning Commissioner, and President Original West University Neighborhood Association

How is Compatibility Positively or Negatively Impacting Austin?

What is or is not working well?





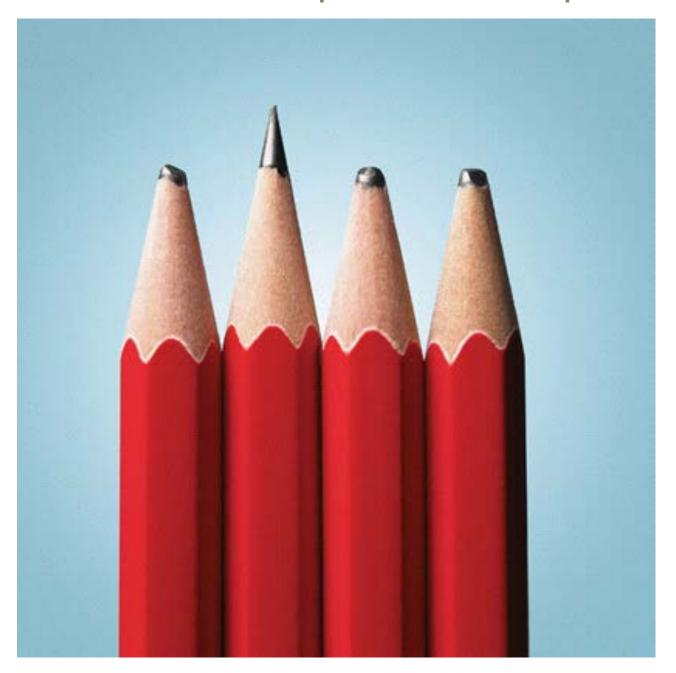
What Could Be Improved?

**During the code revision process, if you could improve one thing concerning compatibility, what would it be?

3 Tools To Consider

Tools that have been used in other communities

Most Cities Need to Sharpen Their Compatibility Tools

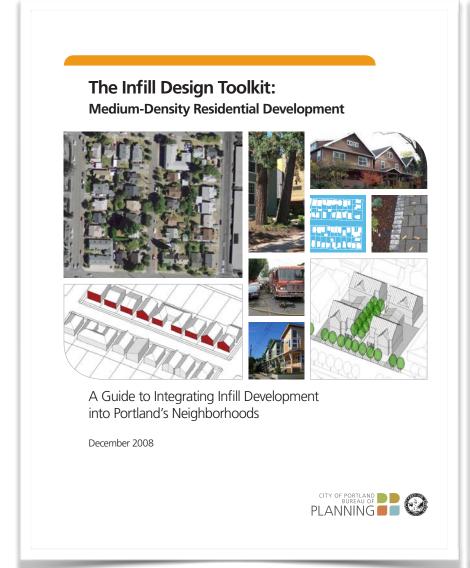




The Importance of Understanding Different Contexts

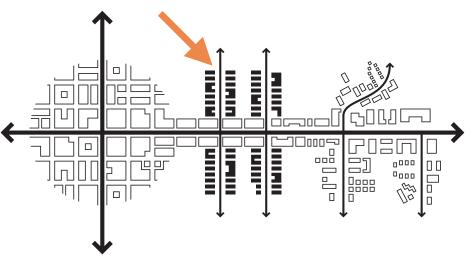
Different Solutions for Different Contexts

Portland's Infill Design Toolkit





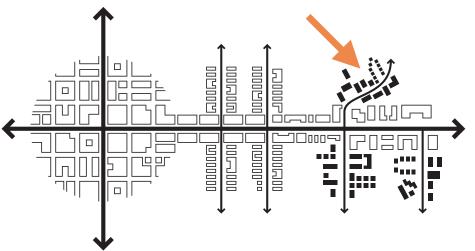
Key to Approach: Defining Context-Specific Solutions



Residential side streets-inner neighborhoods







Residential side streets—outer neighborhoods

Trees and vegetation define the cherished character of these areas, often to a greater extent than building-defined street edges or architecture.

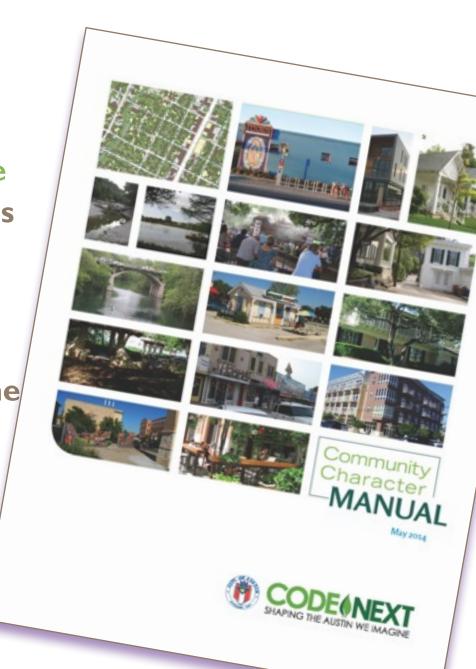


Community Character Manual:

Intent

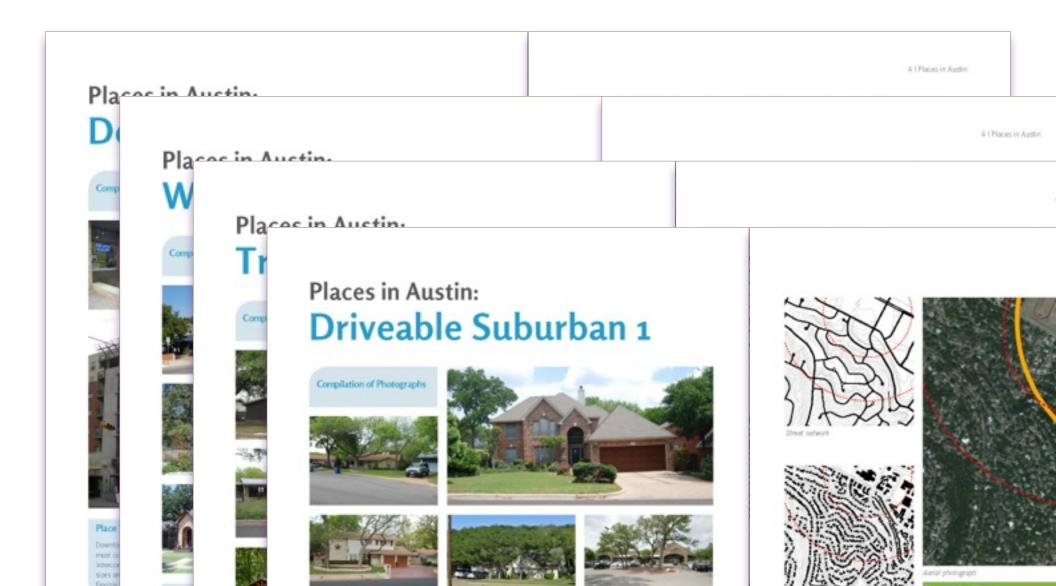
A Tool for Effective Planning

- Provide an understanding of the range of different types of places that exist throughout Austin.
- Establish a common foundation and vocabulary for CodeNEXT and future planning efforts in the City of Austin based on Community Character.



Community Character Manual:

Chapter 4: Places in Austin



Fixing Zoning with Right Intent, but Wrong Standards

What Does Your Code Actually Encourage?

Existing Community Context: Intent is to Maintain Character



Livermore, CA Development Code Update: Driehaus Form-Based Code Winner



Illustrating What is Allowed by the Existing Code



Livermore, CA Development Code Update: Driehaus Form-Based Code Winner



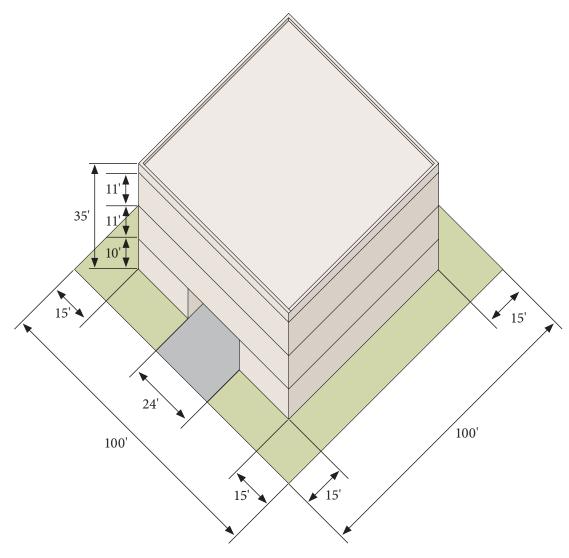
Writing a Code to Ensure a Happier Ending to the Story



Livermore, CA Development Code Update: Driehaus Form-Based Code Winner



Does Your Code Incentivize the Incompatible Design?



Constraining Factors

- Limiting factor 1: Parking requirement (1.75 spaces/du, except 1.5 spaces/du where 80 percent of the units are less than 800 square feet each in size and contain no more than one bedroom)
- Limiting factor 2: Density cap established in General Plan: total buildable area is multiplied by GP allowed density to establish max # units (Sec 3-05-080)

Regulations contributing to poor design

- 1. Regulations encourage "lifted" buildings by allowing additional 3rd floor if the ground floor is devoted only to parking
- 2. Regulations encourage lot aggregation because 50' wide lots cannot accommodate parking requirement for multifamily units
- 3. Lack of FAR allows potentially large single buildings (e.g. 14,980 sf total area on a 100x150 typical lot)
- 4. Parking requirement discourages construction of small units
- 5. Two-family lots: max of 400 sf can be paved for parking within the front yard setback (Sec 3-20-050B)

Livermore, CA Development Code Update: Driehaus Form-Based Code Winner



Regulating Maximum Building Footprint Size

Why This Might Be the Most Important Regulation



Similar Densities. Very Different Size

Different Maximums Footprints for Each Type

Multi-plex: Small



A Multi-plex, scaled to a medium-density neighborhood, with all units accessed from a central entry



A small Multi-plex with front entrance porch and balcon



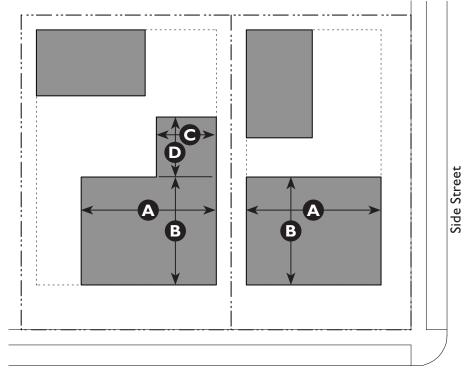
A Multi-plex with unique Art Deco entrance detailing

The Multi-plex: Small Building Type is a medium structure that consists of 3-6 side-by-side and/or stacked dwelling units, typically with one shared entry or individual entries along the front. This Type has the appearance of a medium-sized family home and is appropriately scaled to fit sparingly within primarily single-family neighborhoods or into medium-density neighborhoods. This Type enables appropriately-scaled, well-designed higher densities and is important for providing a broad choice of housing types and promoting walkability.

T3E	T3N			
T4N.MF	T4N.SF			
T5MS	T5N.LS	T5N.SS	T5F	
T6C				
Key				

T# Not Allowed T# Allowed

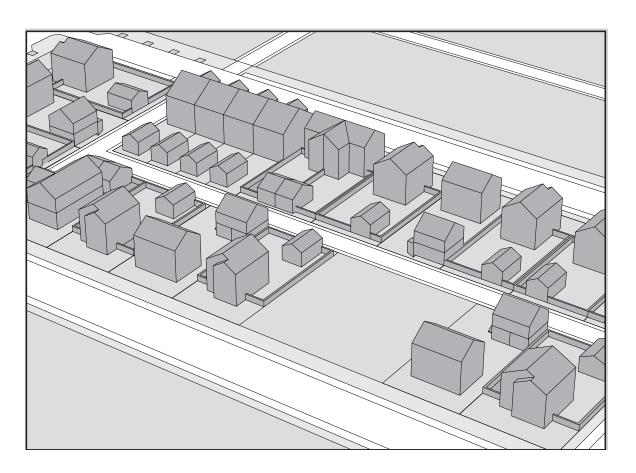
General Note: Photos on this page are illustrative, not regulatory.



Front Street

Main Body		
Width	48' max.	A
Depth	48' max.	В
Secondary Wing	(s)	
Width	30' max.	G
VVIGUI	JU IIIax.	

Case Study: Infill at 20 du/acre in Medium Density Zone











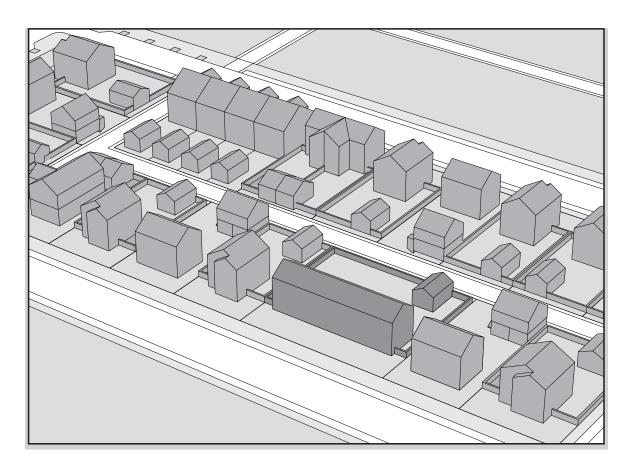
Existing Conditions

Typical Lot: 150' deep x 100' wide = 15,000 sf Existing zoning allows 20 du/acre = 6 units

What does 20 du/acre look like?



Inappropriate Infill at 20 du/acre: Building Too Big



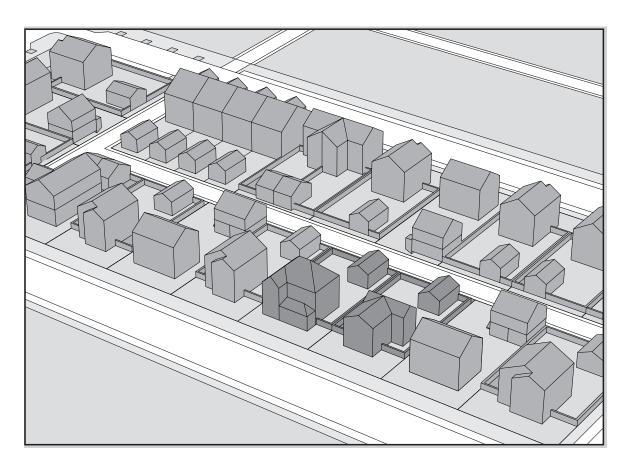




Architecture alone cannot make this compatible



Same Number of Units, But Appropriate Scale and Form









Building Footprint (width and depth) are the two most critical elements to regulate!



Integrating Compatibility into Base Zoning Districts

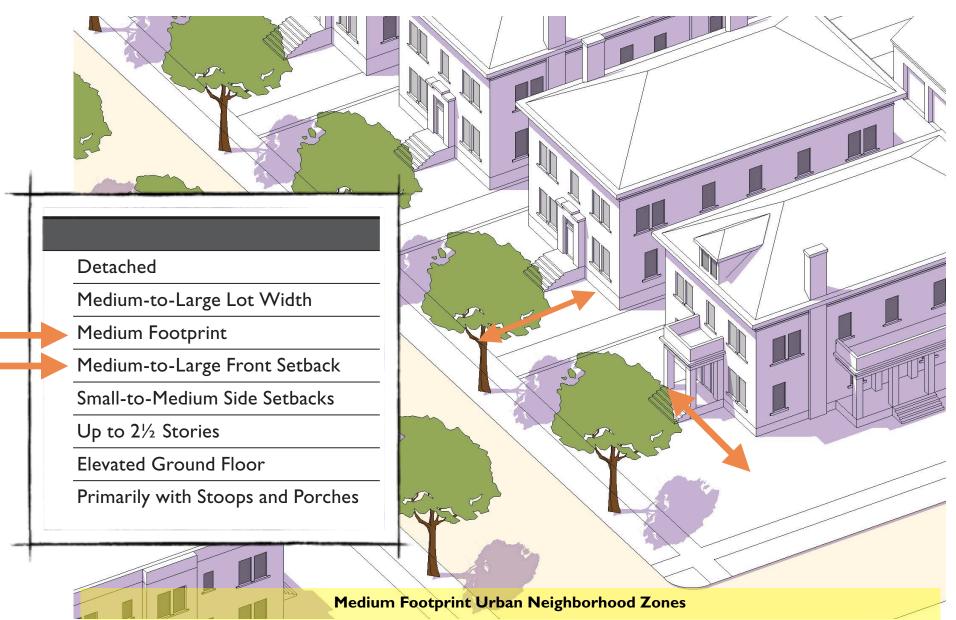
More Clearly and Predictably Regulating by Context

Zone to Reinforce Small Footprint Forms in One Context



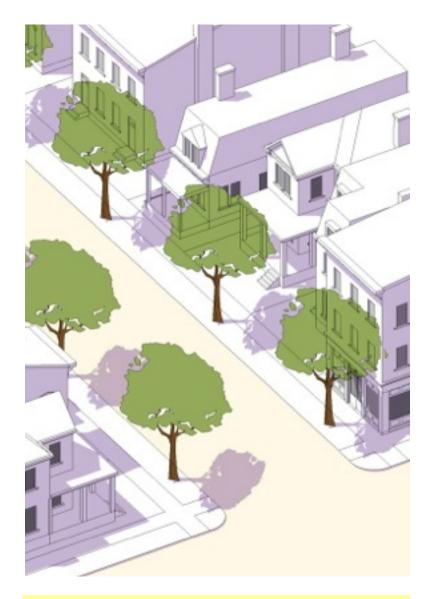


Same Densities, Different Form: Fine Tune Regulations for Place

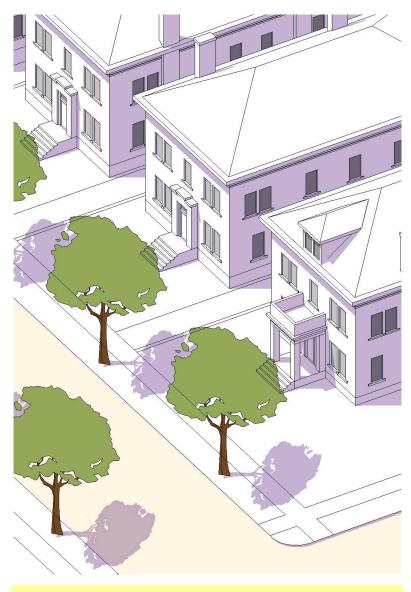




Differences in Contexts are Reinforced by Zone Standards



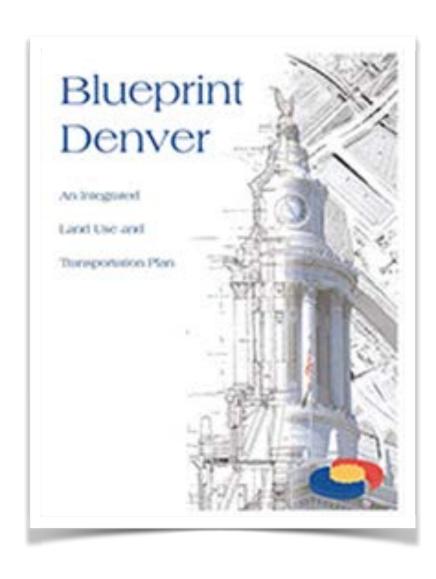
Small Footprint Urban Neighborhood Zone



Medium Footprint Urban Neighborhood Zones

DENVER

AUSTIN







THE NEW ZONING CODE

PUTTING BLUEPRINT DENVER TO WORK



IT'S ALL ABOUT CONTEXT

Context-based Approach

Typology A1



DESCRIPTION

This area typities many of the earlier single family residential neighborhoods of the City. The development pattern in this area has parficularly 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 neight is also relatively consistent. This would seem to be the most consistent of the residential typologies.

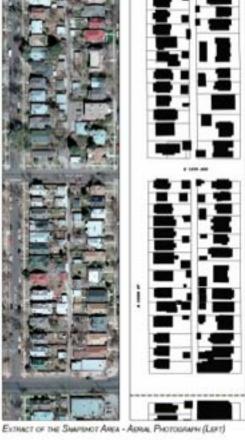
Differs from other traditional typologies:-

- · Very high lot coverage and narrow streets
- · No front accessed parking
- · Very consistent pattern of street trees



Знатемот Апел - Автич. Рнотовляти





EXTRACT OF THE SHAPEHOT AREA - BULLING PLACEMENT DINGRAM



The photograph of Congress Park above shows the shallow thort yords, consistent front selback and general him story charactiv prevalent within typology A1



The photograph of a dupley in Congress Park above shows how many traditional multi-family abundance fit within the ownand character of the single-family street



The photograph of Congress Plant above shows the consistent pattern of front porches and tack of front veiticle use aneas prevalent in tupology A1.



As shown in the photograph of Congress Park above. AT swidt to have the most consistent pattern of about trees among Sololog/es



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



As about above, auditional multi-family development in typology A1 offen recognipe the general souls and character is nearby single-family development.



The defeng elements of boology A1 are not always recognized in contemporary



statest pattern of detected alky-knobed garages in booking A1.

FRAMEWORK FEATURES

DINNET PATRING REGULAR RECTILINEAR GRID

STREET WARRY MEDIUM AVENUES & NARROWER STREETS LIFT SHARE & CHEMINION: LONG, NARROW, PERP. TO STREET

DIDDWALK LOCATION DETACHED ALLEYE CONSISTENT

STREET TREES: Yes - Regular Pattern

BLOCK WIRTH: RELATIVELY CONSISTENT 300' BY 600'

CONSISTENTY: RELATIVELY CONSISTENT

LOT FEATURES

LOT DIE 3540' BY 14E'

LIT WIRK: NARROW, WITH SOME EXCEPTIONS

LOT COVERAGE: 50% & GREATER Busines Characteristics: GEN, WITH LOT BALLING PLACEMENT: FORWARD

PARKING ACCESS/LOCKBON. GEN. REAR ACCESS

Front Detoack: 20' DOE DETAMBLE &

BUILDING PLACEMENT

Ross Demaco: 20"

BUILDING FORM

Building Height: 2-2.5 Flate Height: 15'-22' Roof Ridge Height: 25'-35'

Entry (PostMOxxx Oderbalos): CONSISTENT FRONT PORCH

Roof Form: FRONT GABLE, SOME HIP

Transparency (Wildow Location & N.): 30-60% Transparency

Context-based Approach

Typology D2



SHAPPHOT AREA - KEY



EXTRACT OF THE SHAPEMOT AREA - ABRUM, PHOTOGRAPHI



above shows the typical pattern of althad aldowedls and driveways in lypol-



Worl Muchans in the bookings are 5 stories or height with front North granique as shown in the photograph above.



As shown in the photographs of Hampele South above and at right, most streets in the typology follow a classic constinuer

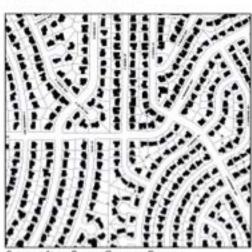


DESCRIPTION

This area combines a curvilinear or modified grid with out-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 lends 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 1t' 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 conesion. Where there is a consistent front set back this also contributes a greater sense of order.

Differs from D1 typology:

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





EXTRACT OF THE SURFEMOT AREA - BULEING PLACEMENT DISCOUNT



with an allows in the alteriograph above.



Although expansion and reconstruction in relatively uncommon in the byologusome forces are undergoing resolution as shown in the photograph above.

FRAMEWORK FEATURES

STREET PATRICK: CURVILINEAR GRID WITH CUL-DE-SACS. Smeet Work: WIDE

DIDENNIK LOCKTON: ATTACHED AUDIE: NONE

> DWIRT THREE. NONE. TREES IN NARROW FRONT YARDS. BLOCK WIRTH: 250' BY 1200' AVE. VARIABLE

Coverance/Dutatory: BOTH

LOT BUE: 75'BY 125' LOT SHAVE & CHEMINEON: RECT. TO SQUARE

LOT WIESE: 75' AVE BUT VARIES WITH ST. PATTERN LOT COVERNOR: 40-50%

BUILDING CHRIMINION: LONG AXIS PARALLEL TO STREET BULHS PLACEMENT: CENTRAL & FORWARD

PARKING ACCESS/LOCKNOK: FRONT, ATTACHED PROTRUDING GA-RAGES

LOT FEATURES

BUILDING PLACEMENT

Front Deback: 25' BUT VARIES

DOE DETMONE. 5"

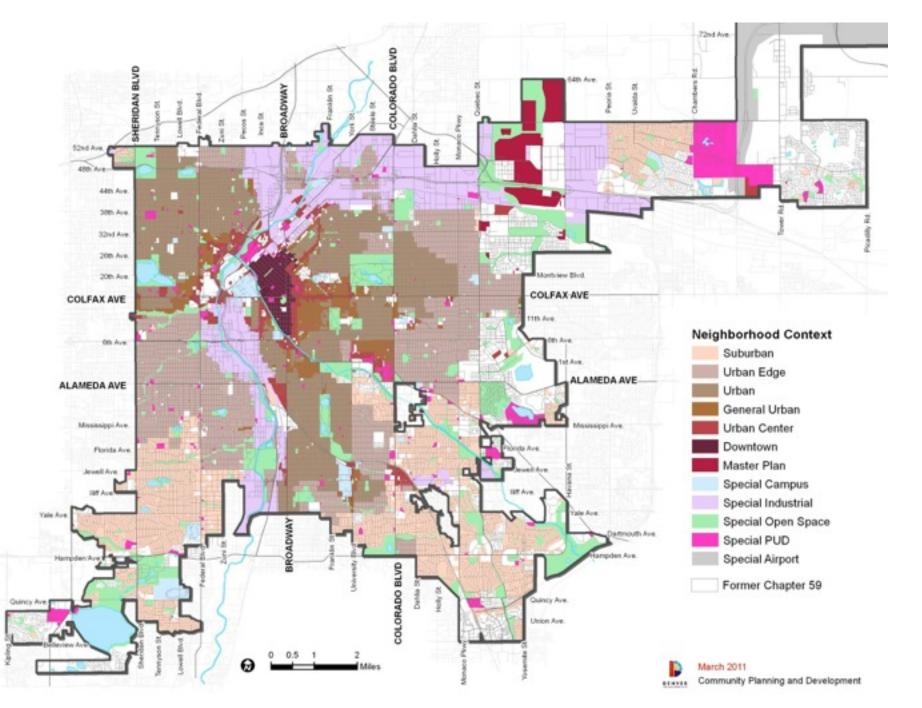
HOM DETRACK VARIES - RELATIVELY LARGE

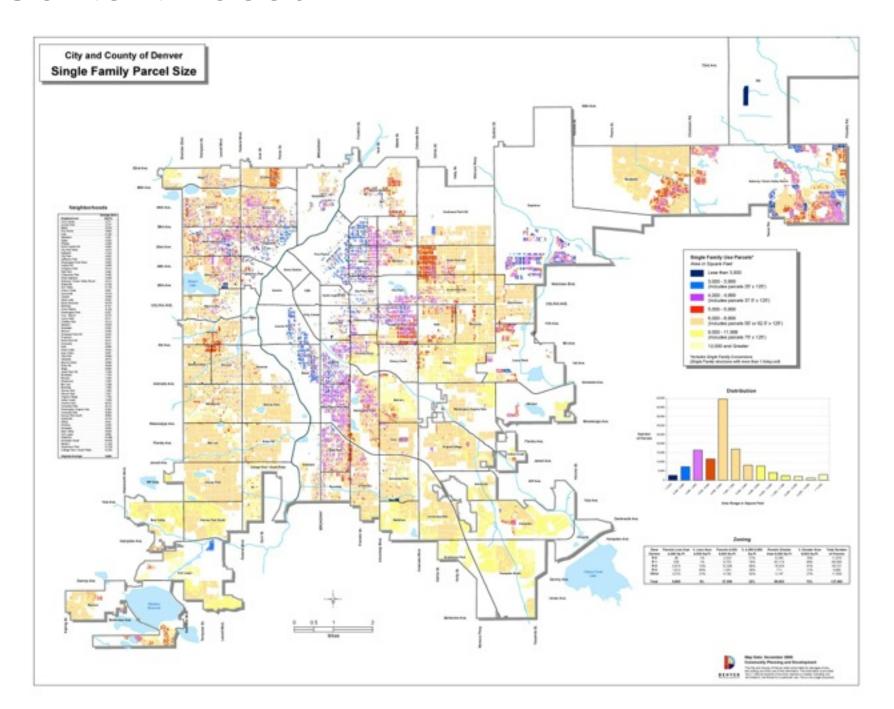
BULDING FORM

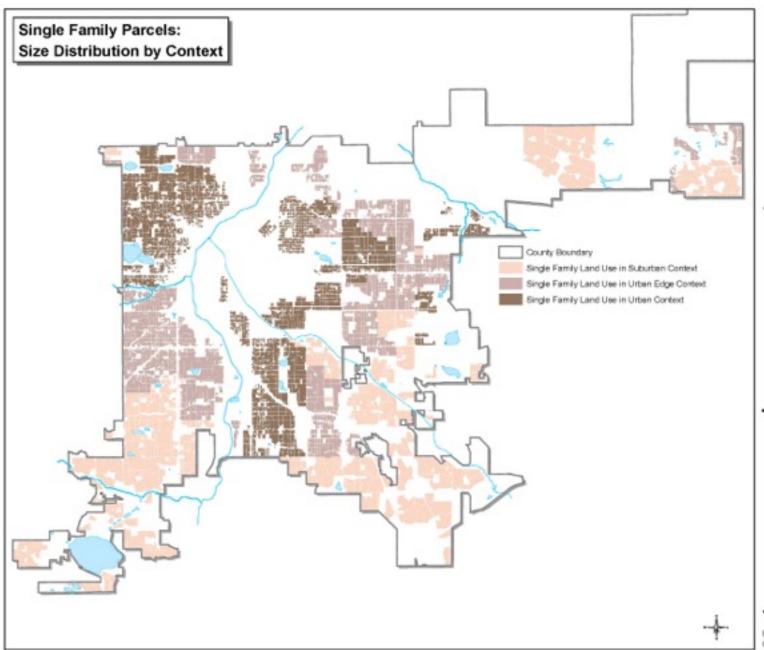
Building Height: 1-2 STORIES - VARIES

Plate Height: 8'-18' Roof Ridge Height: 14'-25'

Roof Form: GABLED OR PYRAMIDAL Entry (FortMOxid Onwester): FRONT, BEHIND GARAGE Transparency (Window Location & No.: 20-35% TRANSPARANCY



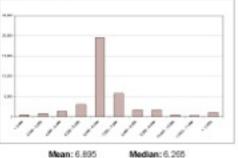




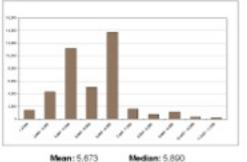
Suburban

Mean: 8,508 Median: 7,680

Urban Edge



Urban



Map Date: 2/25/09 Community Planning and Development

Suburban Neighborhood

Urban Edge Neighborhood

Urban Neighborhood



Grid and Alley

Curving Streets and Culde-sacs

Mixed Street Pattern

Shopping Centers Shopettes Main Streets

General Urban Neighborhood

Urban Center Neighborhood

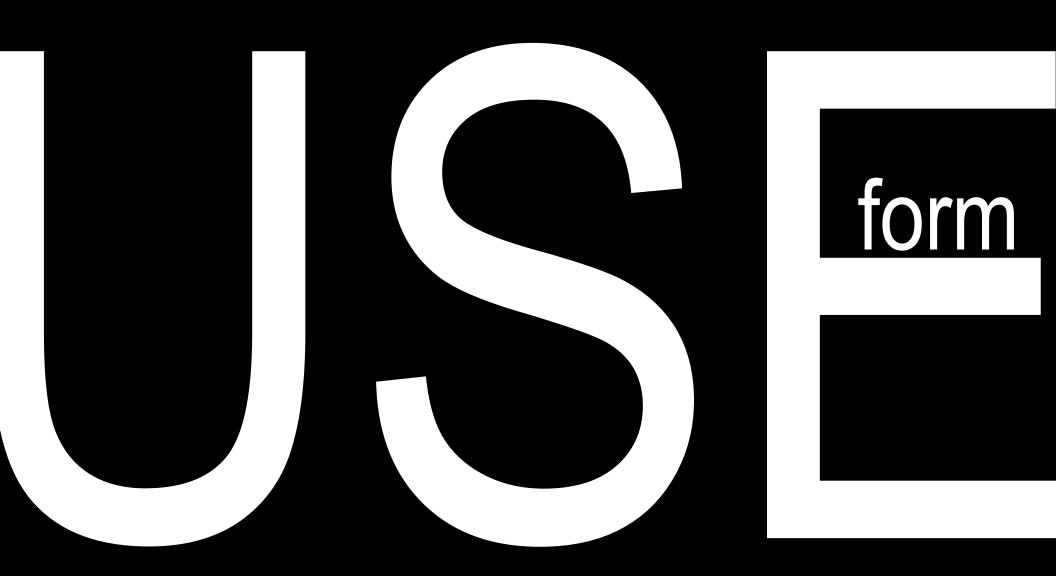
Downtown Neighborhood

Grid and Alleys

High Pedestrian Activity

Transit Hub

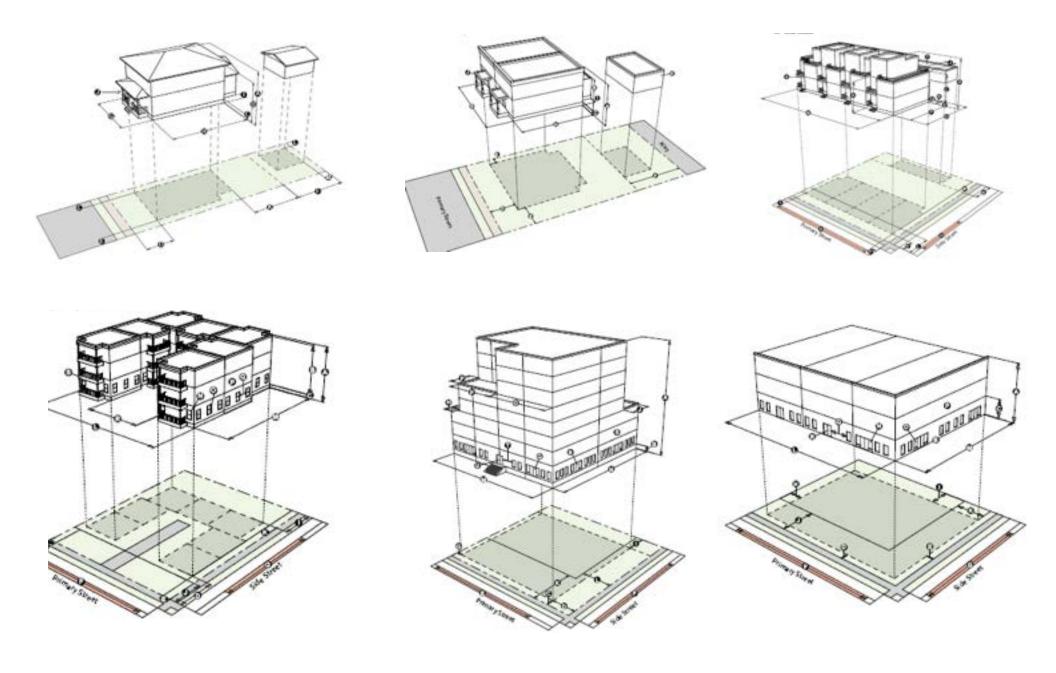
Main Streets Mixed Use Structured Parking



USE &

Clarity=Confidence

Clarity=Confidence



Clarity=Confidence

5.3.3.2 District Specific Standards A. Urban House Not to Scole. ALLEY PRAMARY STREET

URBAN HOUSE

K Pedestrian Access, Primary Street

	100000000000000000000000000000000000000	U-SU-A1	U-SU-81	U-5U-C1	U-SU-E	U-SU-H	U-TU-B		U-8H-2.5
	HEIGHT	U-SU-A2	U-5U-82	U-5U-C2	U-5U-E1	U-5U-H1	U-TU-82	U-TU-C	U-RH-3A
	Stories (max)	2.5	2.5	2.5	2.5	3	2.5	2.5	2.5
A	Feet, front 65% of lot depth (max)	30	30"	30"	30	30'	30"	50"	30"
	Feet, front 65% of lot depth, allowable height increase	17	for every 5' in	crease in lot	width over	50 up to a	maximum	height of	35"
0	Feet, rear 35% of lot depth (max)	17	17	17"	17	17	17	17	17"
	feet, rear 35% of lot depth, allowable height increase		1 for every 3	increase in s	ide setback	up to a mi	otmum he	ight of 19	
c	Bulk Plane Vertical Height at Side Interior and Side street zone lot line in front 65% of lot.	17	17	17	17	12"	17	17"	17
D	Bulk Plane Vertical Height at Side Interior and Side street zone lot line in rear 35% of lot	10"	10"	10'	10'	101	10"	10'	10'
	Bulk Plane Slope from Side Interior and side street zone lot line	45°	45°	45°	45"	45"	45"	45"	45"

	SITING	U-SU-A. A1, A2 U-TU-6, B2	U-SU- 8, 81, 82 U-TU-C	U-9U- C, C1, C2	U-SU- E, E1	U-5U- H, H1	U-TU- 8, 82	U-TU-C	U-RH-2.5 U-RH-3A
	ZONE LOT								
	Zone Lot Size (min)	3,000 ft ²	4,500 ft ²	5,500 ft ¹	7,000 ft ²	10,000 ft ²	4,500 ft ²	5,500 ft ⁻¹	3,000 ft ²
٤	Zone Lot Width (min)	25"	35	50"	50	75	35	50"	25"
	Dwelling Units per Primary Structure (min/max)	1/1	171	1/1	1/1	1/1	1/2	1/2	1/2

			All U-SU, TU, RH	Districts	
	ETBACKS AND BUILDING COVERAGE BY ZONE OT WIDTH	30' or Less	31" to 40"	41' to 74'	75' or Greater
	rimary Street, block sensitive setback required ee Sec. 13.1.2.3)	yes	yes	yes	yes
	rimary Street, where block sensitive setback oes not apply (min)	20"	20'	20'	20'
0 5	de Street (min)	y	5	35	7.5'
H SI	de Interior (min)	¥	3' min one side/10' min combined	5'	10'
1 8	ear, alley/no afley (min)	12720	12720	127/20	12/20
	uilding Coverage, including all accessory struc- ires (max)	50%	37.5%	37.5%	37.5%
P	ARKING BY ZONE LOT WIDTH				
Pa	arking and Drive Lot Coverage in	2 Spaces	2 Spaces		
Pt	rimary Street Setback (max)	and 320 ft ⁻¹	and 320 ft ⁻¹	33%	33%
W	ehicle Access	From alley; or	Street access allowed when	no alley present. 5	iee Sec. 5.3.7.6
A	CCESSORY STRUCTURES	100000000000000000000000000000000000000			
J D	etached Accessory Structures Allowed		see Sec. 5.3	14:	

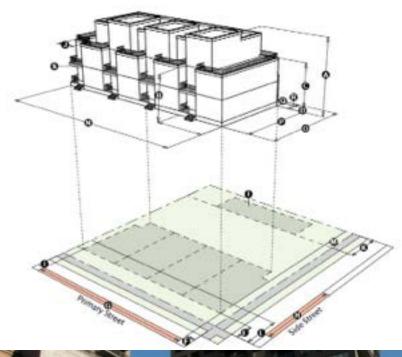
	U-SU-A1	U-5U-81	U-5U-C1	U-SU-E	U-SU-H	U-TU-8		U-RH-2.5
DESIGN ELEMENTS	U-SU-A2	U-5U-82	U-5U-C2	U-5U-61	U-SU-H1	U-TU-82	U-TU-C	U-RH-3A
BUILDING CONFIGURATION								
Attached Garage Allowed	the Front	not project of facade of the stached gara	dwelling (2)	If located e	entirely with	nin the rear	35% of th	ne zone lot

Primary Street Facing Attached Garage Door
Width in first 50% of lot depth (may)
GROUND STORY ACTIVATION

35% of the entire width of the facade of the dwelling or 16, whichever is greater

Entry Feature

Clarity AND Flexibility

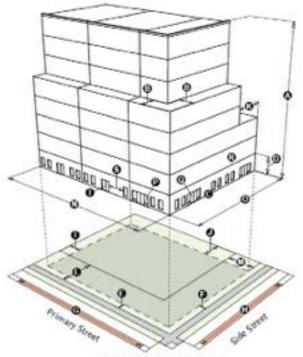








Clarity AND Flexibility









Design Diversity

Context and Form-based Standards:

- DO NOT "lock-in" architectural style
- DO allow for future reinvestment to accommodate market demands
- DO facilitate change that is compatible with existing building forms in a neighborhood

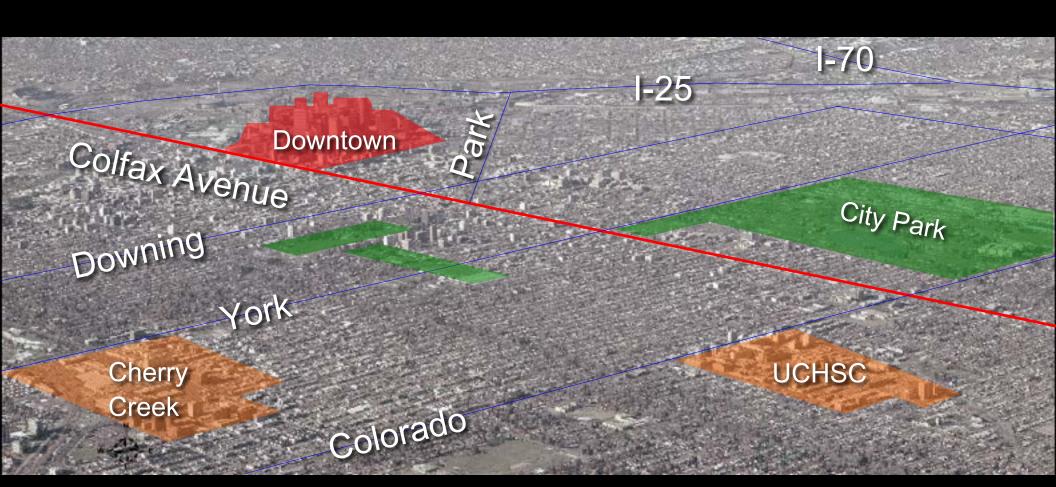






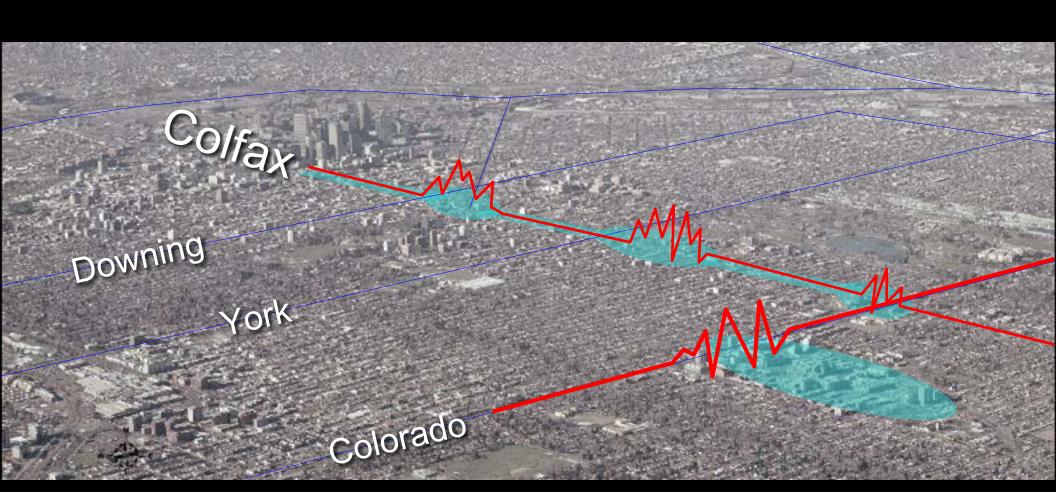
Colfax Corridor Plan

Strengthen the relationship between the corridor and adjacent land use and neighborhoods.



Colfax Corridor Plan

Identify pulse points as catalyst sites for investment



B-4: What could be built?









B-4: What couldn't be built?









B-4: FAR and Accommodating the Automobile

- Coupled with FAR, parking requirements limited amount of development
- Historic development patterns could not be maintained replicated
- Low density, single-use, autooriented development patterns resulted





Main Street Zoning: KEY ELEMENTS

- Building placement
- Street activation
- Height/transition to context
- Mixed use

Main Street Returns to Main Street







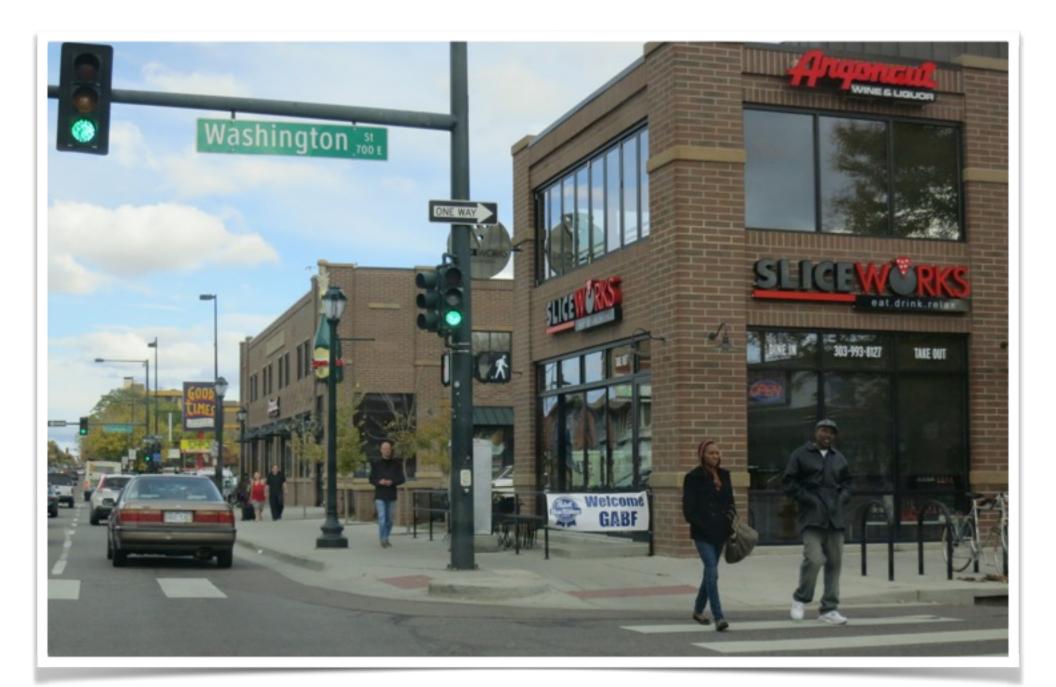


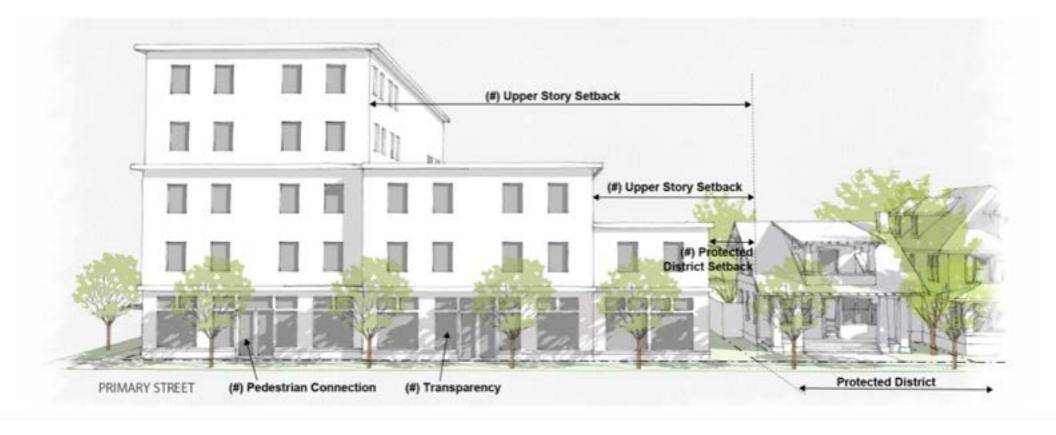














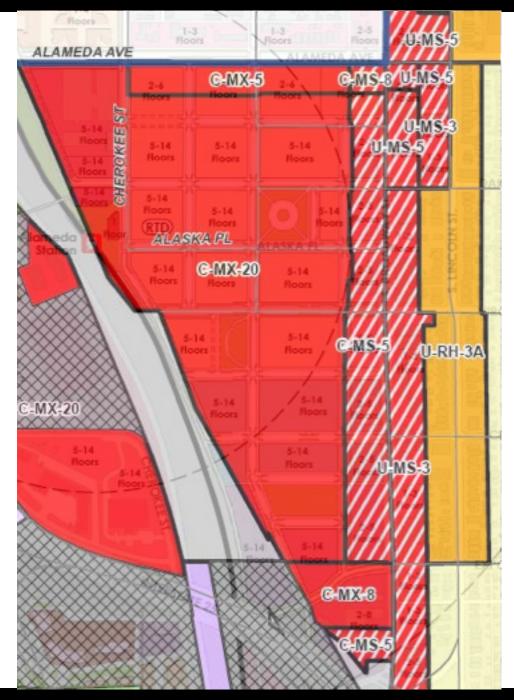
Denver Strategic TOD Plan 72nd Ave. Pena Blvd. & Tower Rd. US 36 Corridor North Metro 64th Ave & Telluride St. Gold Line East Corridor 47th & BN Colorado Blvd. & UP 40b Arc 38th & Inca Peorta St. & Smith Rd. 40th & 40th Airport Blvd. & 40th Ave. Denver Union Station Stapleton 33rd & Downing 35h As Station Area Typology COLFAX AVE. Fitzsimons South West Corridor Sheridan 10th & Osage Decabar 4th Avenue Union Station Alameda Aurona City Center Aameds Ave Proprii Cente (1910): Curcle City Center / Exposition Mostolppi Av Louisiana - Pearl Broadway I-225 Florida Ave. University Colorado Blvd. Corridor Area in Detail Rail Line - Planned Nine Mile Rail Line - Existing / Under Construction Southmoor Southwest Light Rail Station Typology Dayton Corridor Main Street Campus Southeast **Urban Neighborhood** Belleview Corridor **Urban Center** Commuter Town Center **Aurora Station** Major Urban Center April 0, ZUU0 -adjacent to Denver









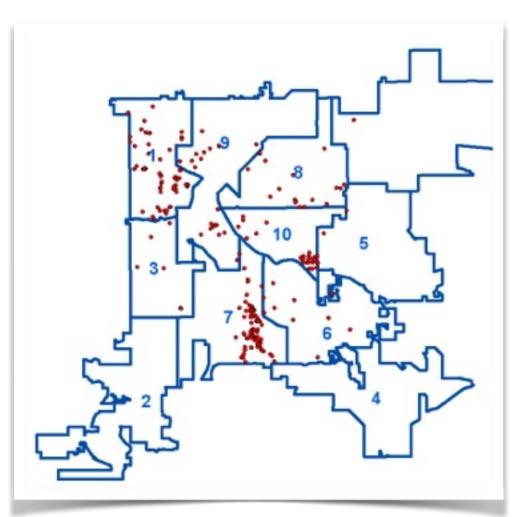


10:0NE

Austin's Redistricting Portal



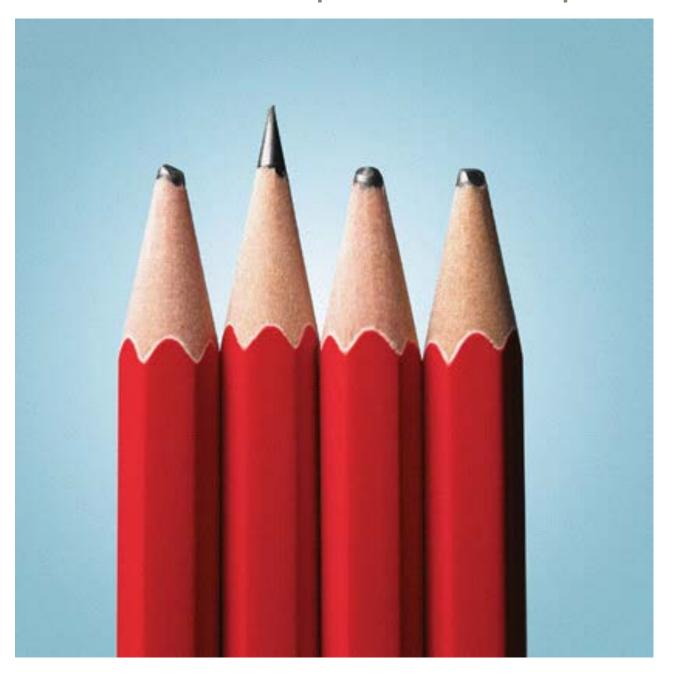






A Few Concluding Thoughts

Most Cities Need to Sharpen Their Compatibility Tools





Differences in Contexts are Reinforced by Zone Standards

Walkable



Drivable











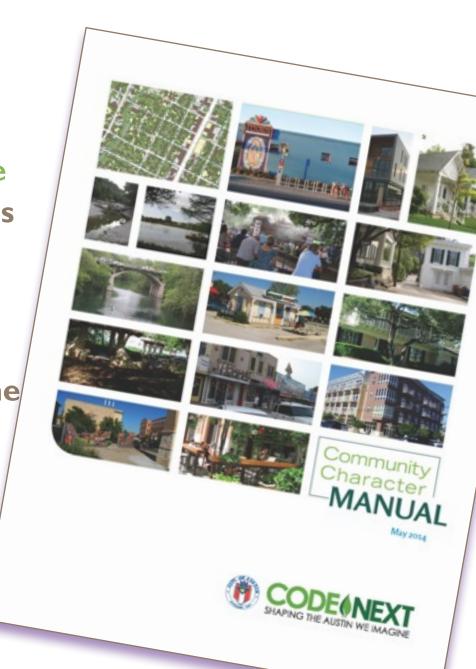


Community Character Manual:

Intent

A Tool for Effective Planning

- Provide an understanding of the range of different types of places that exist throughout Austin.
- Establish a common foundation and vocabulary for CodeNEXT and future planning efforts in the City of Austin based on Community Character.



Important: Need Different Pencils for Different Tasks



4 Table Discussions

5 Response to Questions

NextSteps

Community Character in a Box

Round 2 due July 31st

Code Approaches

Public Draft released Mid-August

CodeTALK

- Next CodeTALK in Late August / Early September
- Topic T.B.D.

KEEP CALM AND **HAVE** PATIENCE

Good character is not formed in a week or a month. It is created little by little, day by day. Protracted and patient effort is needed to develop good character. - Heraclit

THEWATERSHED.COMBLOG





http://www.austintexas.gov/codenext