CODE MEXT SHAPING THE AUSTIN WE IMAGINE

CodeTALK: Exploring Compatibility

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OPTICOS

Does This Image Bring Up Thoughts About Compatibility?



Missing MIddle Housing

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Today's Agenda

- 9:00–9:05: Welcome Laura Morrison, City Council Member
- 9:05-9:20 Exploring Compatibility
- 9:20-9:45 Panel Discussion
- 9:45-10:15 Presentation of Tools Used by Other Communities
- 10:15-10:20 Stretch Break (10 minute)
- 10:20-11:20 Table Discussions
- II:20-II:30 Break
- 11:30-11:55 Team Response to Table Questions
- 11:55-12:00 Recap and Next Steps
- I 2:00pm Adjourn





Definition for Compatible How Would You Define?

Compatible kam'patabal

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



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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 kam'patabal

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.





How Many of You are Familiar with These Sections of the Land Development Code?





A Few Technical Terms Defined

FAR = Floor Area Ratio

Square Footage of Building Square Footage of Lot



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A Few Technical Terms Defined

Dwelling Units Per Acre= DUA

Common Density Regulation



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Dwelling Units Per Acre (DU/Acre): Density Calculation Example

100 x 150' lot = 15,000 square feet (sf)







Definition for Compatible Article I0 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** Residential Design & Compatibility Standards Ordinance Boundary **Standards**

NORTH SHOAL CREEK

ALLANDALE

HIGHLAND

PARK

NORTHWEST

WOOTEN

CRESTVIEW

BRENTWOOD

CORONADO

WINDSOR

PARK

HILLS

UNIVERSITY

N SPRINGS

ST. JOHNS

HIGHLAND

NORTH LOOP

STATE



How the LDC Addresses Compatibility Subchapter F: Residential Design and **Compatibility Standards** Maximum Development(FAR) and **Building Height** ARTICLE 2: DEVELOPMENT STANDARDS 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 MAXIMUM DEVELOPMENT PERMITTED infinited to the greater of 0.4 to 1.0 moor-to-area ratio of 2,000 square teet of gross floor area, as defined in Section 3.3. Floor-to-area ratio shall be measured using gross 2.1. floor area as defined in Section 3.3. Except where these regulations are superseded, the maximum building height for development subject to this Subshanter is 22 feat 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 for a chimney, vent, antenna, or energy conservation or production equipment or feature not device the manual terms of terms of the manual terms of terms o BUILDING HEIGHT commey, vent, antenna, or energy conservation or production equipment or realized in factors and building height shall be measured under the requirements 2.2. defined in Section 3.4. tract word setback required for development subject to this Subchapter 2.3. FRONT YARD SETBACK CODE(INEXT 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.

Future Land Use Map (FLUM)



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 ERC Modified Compatibility Standards Developers are required to meet additional design requirements

- ✓ 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

CODE®NEXT

- ✓ 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 In exchange they compressed the distance of the stepping I20' (9-10 story) (if allowed through development bonus)



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



How the LDC Addresses Compatibility PUD: Mueller







Panel Members

Lee Einsweiler

Principal, Code Studio

Carol Lee

Former President Austin Neighborhoods Council (ANC), former Vice-Chair, Lake Austin Task Force, CEO, Sinus Technologies

Karen McGraw,

Architect, Karen McGraw Architect Office; Vice-Chairman City of Austin Residential Design and Compatibility Commission; Former Chairman Hyde Park Neighborhood Contact Team

Terry Mitchell

Developer, Momark Development



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?



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

A green edge of landscaped setbacks and courtyards, combined with a less continuous street wall of buildings, differentiate these streets from the hardscape of mixed-use centers and main streets. The rhythm of buildings along these streets typically reflects patterns established by houses on 50'-wide lots.





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

Places in Austin		4.1 Places in Austin
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Fixing Zoning with Right Intent, but Wrong Standards

What Does Your Code Actually Encourage?

Existing Community Context: Intent is to Maintain Character





Illustrating What is Allowed by the Existing Code





Writing a Code to Ensure a Happier Ending to the Story





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)



Regulating Maximum Building Footprint Size



Similar Densities.Very Different Size



Different Maximums Footprints for Each Type

1703-3.100 Multi-plex: Small



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



A small Multi-plex with front entrance porch and balcom



A Multi-plex with unique Art Deco entrance detailing

all uni	its accessed from a central entry
Α	A. Description
th u al m fi o aj in	he Multi-plex: Small Building Type is a medium structure nat consists of 3–6 side-by-side and/or stacked dwelling nits, typically with one shared entry or individual entries long the front. This Type has the appearance of a nedium-sized family home and is appropriately scaled to t sparingly within primarily single-family neighborhoods r into medium-density neighborhoods. This Type enables ppropriately-scaled, well-designed higher densities and is mortant for providing a broad choice of housing types
a	nd promoting walkability.



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



Main Body		
Width	48 ' max.	A
Depth	48' max.	B
Secondary Wing(s))	
Width	30' max.	G
Depth	30' max.	D



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





Typical Lot: 150' deep x 100' wide = 15,000 sf 15,000 sf /43,560 sf per acre = .3 acres 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!



Careful Consideration of Parking Requirements

Too Much Parking Can Negatively Impact Community Character

How Does Too Much Parking Impact Compatibility?





Still Historic Home Form. Is It Compatible?





Integrating Compatibility into Base Zoning Districts

More Clearly and Predictably Regulating by Context

Zone to Reinforce Small Footprint Forms in One Context



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Same Densities, Different Form: Fine Tune Regulations for Place



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Differences in Contexts are Reinforced by Zone Standards



Small Footprint Urban Neighborhood Zone



Medium Footprint Urban Neighborhood Zones

Cincinnati Form-Based Code 62 http://www.austintexas.gov/codenext





AUSTIN







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Context-based Approach



DESCRIPTION

This area typifies 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 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

-785
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THE REAL PROPERTY OF THE REAL

SHAPPINGT AREA - BOLDING PLACEMENT DIAGRAM

	FRAMEWORK FEATURES		LOT FEATURES
DINET PATENC	REGULAR RECTILINEAR GRID	Lot Dec	35/40' 6Y 14E'
Dreast Waters	MEDIUM AVENUES & NARROWER STREETS	Let Save & Ownerstox	LONG, NARROW, FERP. TO STREET
Distingue Location:	DETACHED	Lot Werk:	NARROW, WITH SOME EXCEPTIONS
ALIPTE	CONSISTENT	LOF COVERAGE	50% & GREATER
DIRACET TREES.	Yes - Regular Pattern	Busideo Ospinimos:	GEN, WITH LOT
BLOCK WIETH:	RELATIVELY CONSISTENT 300' BY 600'	Excelo Pulcinetter	FORMARD
Covertex/Dvetatry	RELATIVELY CONSISTENT	PARKING ACCESS/LOCATION.	GEN, REAR ACCESS



EXTRACT OF THE SHAPPINOT AREA - AERIA, PHOTODRAPH (LEFT)

EXTRACT OF THE SHAPBHOT AREA - BULLING PLACEMENT DIALIDAR (Roover)

BUILDING PLACEMENT

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1202400	100

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The photograph of Congress Park above above the shakev front yards, consistent Pont setback and general two story charactor prevalent within typology A1.





Tile photograph of Congress Park above shows the consistent pattern of hord porches and tack of front yebbis use aneas prevalent in tupology A1.





size the general scele and character of As phown above, side redbacks are small nearly single family development. and lot coverage is generally high is ty-



pology At.

infit projects



not always secondiated in contemporary alighter and an and an and alway knowled carages in booksy At.

BUILDING FORM

Building Height:	2-2.5
Fale Height:	15'-22'
Roof Ridge Height:	25'-35'
Roof Form:	FRONT GABLE, SOME HIP
Entry (PoroMOxor Orientation):	CONSISTENT FRONT PORCH
Transparency (Wildow Location & %):	30-50% Transparency

	DUILDING P	14
Orloack:		
(manual and	10	

From

Context-based Approach

TYPOLOGY D2



SNAPSHOT AREA - KEY

DESCRIPTION

This area combines a curvilinear or modified grid with cul-de-sac elements of the classic curvlinear, 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 privale 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 1° 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 cut-de-sacs
- Curvilinear grid form is relained but more pronounced.
- Higher lot coverage and larger structures

FRAMEWORK FEATURES

DINNET PATTERS. CURVILINEAR GRID WITH CUL-DE-SACS. Drates Work: WIDE DODMALK LOCATION: ATTACHED ALEYE NONE DWIRT THEE. NONE, TREES IN NARROW FRONT YARDS. BLOCK WIDTH: 250' BY 1200' AVE, VARIABLE Covertney/Dutnery: BOTH



Shapinot Area - Аелиа: Ристослати



EXTRACT OF THE SHAPPANOT AREA - ABRIAL PHOTOGRAPH



EVENACE OF THE SHAPBACE AREA - BULDING PLACEMENT DIADRIAN

BUILDING PLACEMENT

REAL DETAILS - RELATIVELY LARGE





he photograph of Hergades South above shows the typical pattern of althad addressing and drive ways in hood-OD VEX





Sooth above and at right, most streets in the typology follow a classic curvilinear authors.





Although expansion and reconstruction in relatively uncommun in the baoxioga the as shown in the photograph above. some formes are undergoing resolution as shown in the photograph above.

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

Front Getoack: 25' BUT VARIES DOE DETMONE 57

LOT FEATURES LOT DAK: 75'BY 125'

Lot Shire & Onterintox RECT. TO SQUARE LOT WIRTH: 75' AVE BUT VARIES WITH ST. PATTERN LOT COVERAGE: 40-50% BUILDING ONDMINITION: LONG AXIS PARALLEL TO STREET BULHS PLACEBRY: CENTRAL & FORWARD PARKING ACCESS/LOCKNOK: FRONT, ATTACHED PROTRUDING GA-RAGES

SHAPPAOT AREA - BOLDING PLACEMENT DWORKS

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Context Based









USE &

Clarity=Confidence



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?









Main Street Returns to Main Street





















Mueller Housing Choice

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Mueller

Garden Court Cottages











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Mueller

Zero Lot Line Yard Homes



Mueller Zero Lot Line Yard Homes



Mueller Rowhouses



Mueller Live/Work Shop House





Mueller

Garden Court Row House



Mueller Garden Court Row House







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Mueller Paseo Rowhouses







http://www.austintexas.gov/codenext 93

Mueller

Four and Six-plex



Mueller Liner Building



Mueller Range of Housing Choices



du/ac = dwelling units per acre





A Few Concluding Thoughts

Most Cities Need to Sharpen Their Compatibility Tools





Must Carefully Consider the Context Before Discussing Solution

Walkable





Transitional





Drivable







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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





NextSteps

Community Character in a Box

• Round 2 due July 31 st

Discuss Community Character Manual

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.COM/BLOG



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