CODE NEXT SHAPING THE AUSTIN WE IMAGINE



Code Diagnosis Introduction

Presented by:

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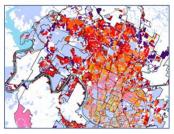
Presented to:

City Council:

May 20, 2014













LAND DEVELOPMENT CODE DIAGNOSIS

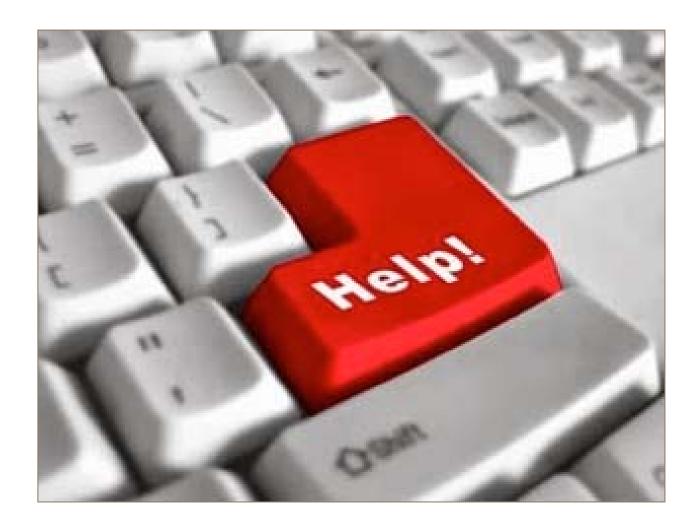




Need for an Update: LDC is 30 Years Old and Showing Its Age

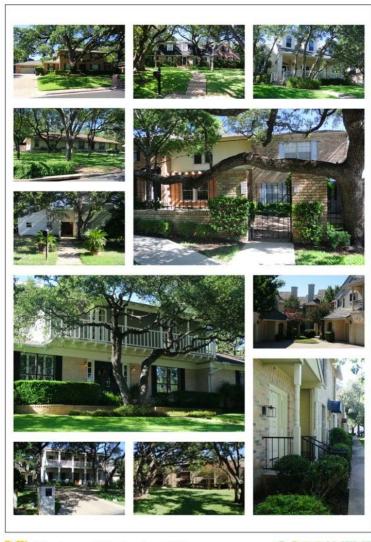


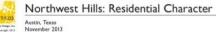
Need for an Update: LDC is 30 Years Old and Showing Its Age





1.Introduction2.Top 10 LDC Issues3.Conclusion









Introduction

Foundation for the Process and Process to Date

CODE NEXT SHAPING THE AUSTIN WE IMAGINE



Creative Economy

Water Household Affordability

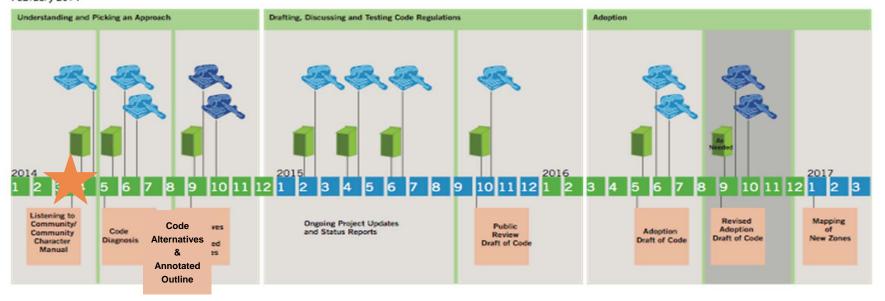
n Healthy Austin

Development Regulations

Next Steps: Major Deliverables

Austin Land Develpoment Code Rewrite Schedule Austin, Texas

February 2014







What We Heard

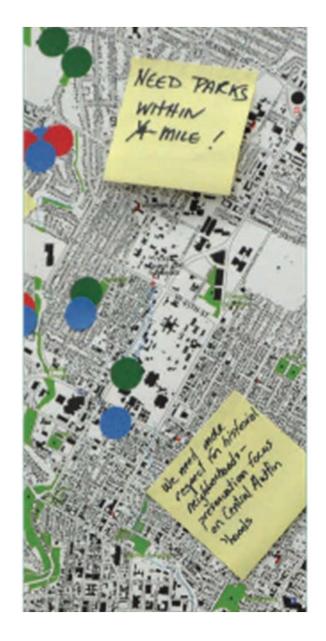
- Compiled thousands of comments from nearly 800 Austin participants.
- Comments were analyzed using a key word identification approach.
- Method identified patterns to identify the main issues, or themes.
- Most frequently mentioned themes are listed here.
- Participant's comments were categorized under the themes that best represented their ideas.
- Themes may not be fully representative of the all the key issues or points of view of the community at large.





What We Heard: Six Key Theme Categories

- Affordability
- Environment/OpenSpace
- NeighborhoodCharacteristics
- Design of Development
- Transportation
- Code Issues





What We Heard: Six Key Theme Categories

Affordability

Business Costs
Housing Costs and Diversity
Policies & Incentives for Affordable Housing

Environment/Open Space

Green Building & Infrastructure
Parks & Open Space – includes urban agriculture
Environmental Protection – includes clean air and water,
habitat, trees

Neighborhood Characteristics

Historic Preservation
Gentrification
Neighborhood Plans
Social Values – ideals and beliefs such as family-friendly, diverse, inclusive, safe, quiet

Design of Development

Site Design – How buildings are located on a site, access, parking, watershed, drainage, impervious cover limits and landscape

Subdivision Design – includes block length, multi-modal road network, lot types and sizes, open space and trails, connectivity to surrounding areas

Building Form & Design – includes building height, density, design and relation to nearby buildings

Land Uses and Mixed Use – includes the range and combination of uses allowed on a site or in an area

Compatibility – regulations to achieve compatible buildings and developments

Special Agreements – includes incentives, density bonuses, Planned Unit Developments (PUDs)



What We Heard: Six Key Theme Categories

Transportation

Parking Accessibility— the ease or difficulty of finding a space to park, either on-street or off-street

Traffic Congestion – the ease or difficulty of driving in an area

Bicycling – the ease or difficulty of bicycling in an area

Walkability - the ease or difficultly of walking in an area

Transit – the ease or difficulty of using public transportation

Code Issues

Clarity, Flexibility, Predictability – how understandable and consistent are the rules

Structure and Organization of the Code

Complexity & Usability of the Code

Staff Interpretation & Enforcement – how consistent and coordinated are development reviews, inspections and enforcement



What Are the Top 10 Issues With the Land Development Code?

Summary of Key Findings: Providing Focus to the Rewrite

- 1. Ineffective Base Zoning Districts
- 2. Competing Layers of Regulations
- 3. Complicated "Opt-in, Opt-Out" System
- 4. Lack of Household Affordability and Housing Choice
- 5. Auto-Centric Code
- 6. LDC Not Always In Line with Imagine Austin
- 7. Lack of Clarity and Usability
- 8. Ineffective Digital Code
- 9. Code Changes Adversely Affect Department Organization
- 10.Incomplete and Complicated Administration and **Procedures**



Ineffective Base Zoning Districts

Base Zone Districts Do Not Recognize Appropriate Form or Different Types of Places



Less than 50% of City is Regulated without Overlays

BASE ZONING DISTRICT WITH OVERLAY APPLIED 71%

BASE ZONING DISTRICT 29%

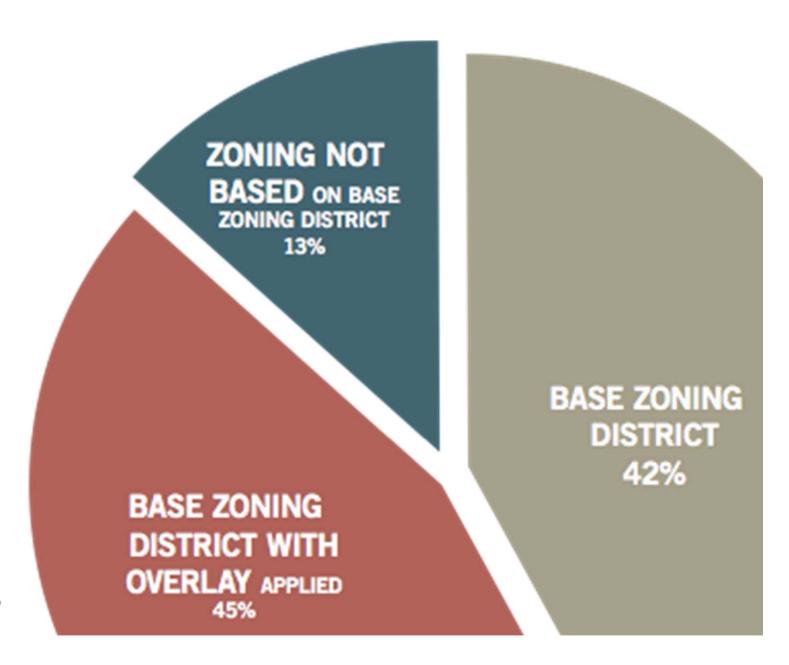
ZONING DISTRICTS

BASE ZONING DISTRICT WITH OVERLAY APPLIED 54%

BASE ZONING DISTRICT 46%

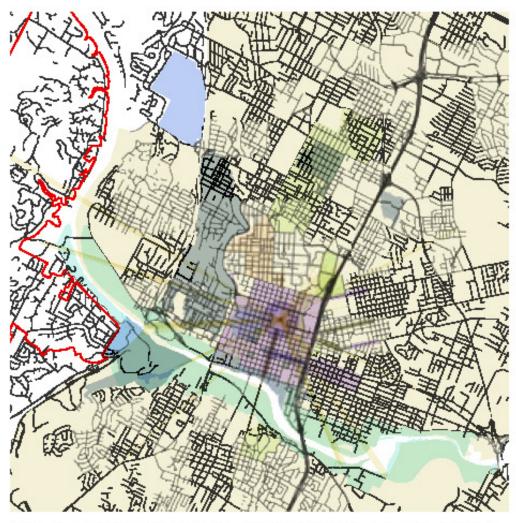
RESIDENTIAL ZONING DISTRICTS

Graphs representing the percentage of land citywide and how it is regulated





Assessing Where the Overlays (CDs) Apply Geographically



The ineffectiveness of the current zoning code is evident when mapping the combining districts, which exist primarily in these pre-1950s neighborhoods



Regulating Single Family Too Broadly: Example SF-3













One Issue: Duplex as a Use Can Have a Wide Range of Forms

Considering Different Types of Duplexes

A code is most effective at addressing compatibility in different neighborhoods when duplexes are treated as a range of allowed forms, rather than just allowed uses. Austin's older duplex types have small building footprints (widths and depths) and are primarily one or two stories, thus enabling them to be compatible with single-family neighborhoods. Most new duplexes being built in the city today are simply two large, single-family homes placed front-to-back, which may be appropriate in some neighborhoods but not others.

Side-by-Side Duplex



Stacked Duplex



Front-to-Back Duplex





Unit 1
Unit 2

This duplex building type consists of structures that contain two side-by-side dwelling units, both facing the street and sharing one common party wall.

Unit 2

This duplex building type consists of structures that contain two units, one on top of the other.

This duplex building type consists of structures that contain two dwelling units, one set in front of the other, potentially with one unit facing the street and one not, and with both units sharing a common party wall.

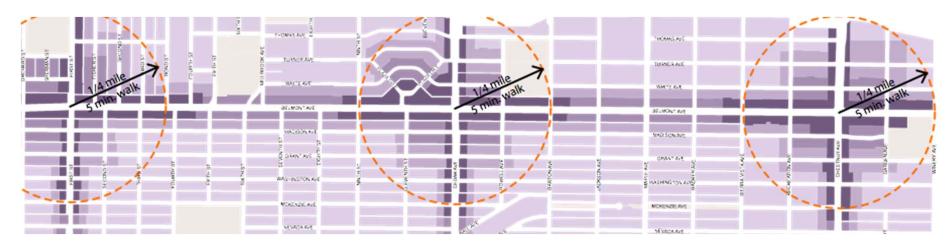
Thinking more fine grain: Certain forms may be ok and others not in different neighborhoods



Need to Establish Hierarchy Along Corridors



Top: Conventional approach to regulating a corridor: No Hierarchy. No Flexibility.



Form-based approach to regulating the same corridor. Clear Hierarchy. Focused Flexibility.



Rich Palette of Base Zones Must Recognize Different

Pontayte

Walkable Urban





Transitional





Suburban







2

Competing Layers of Regulations

Many Layers of Regulations Create Competing Systems



Not all overlays can be applied to all Base Zoning Combining Possible base zoning districts. Combinations Districts Districts Found Combinations in the LDC

How Did You Get Here?

Added Layers of Regulation

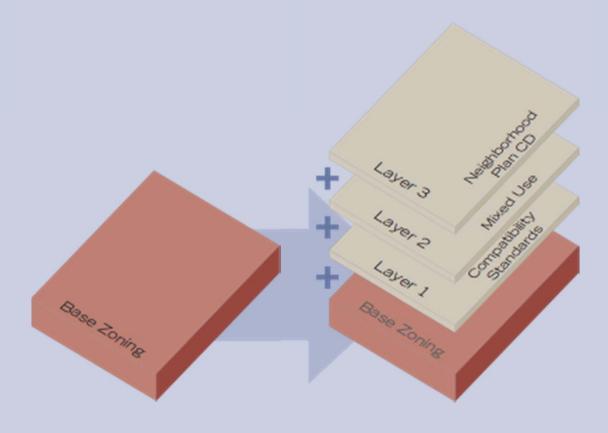
33 base zoning districts were originally created.



Added Layers of Regulation

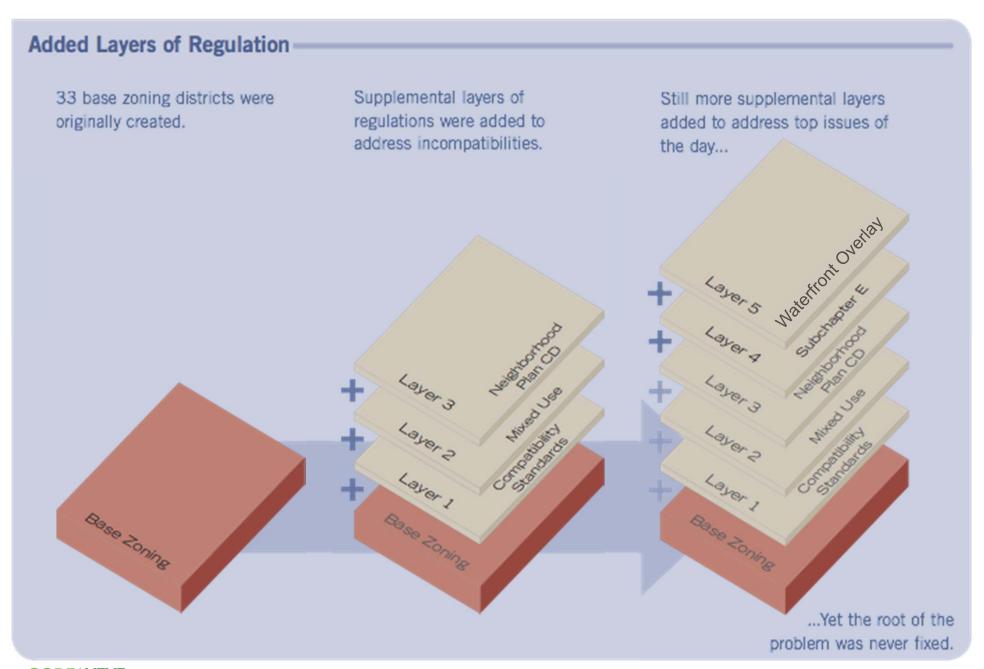
33 base zoning districts were originally created.

Supplemental layers of regulations were added to address incompatibilities.

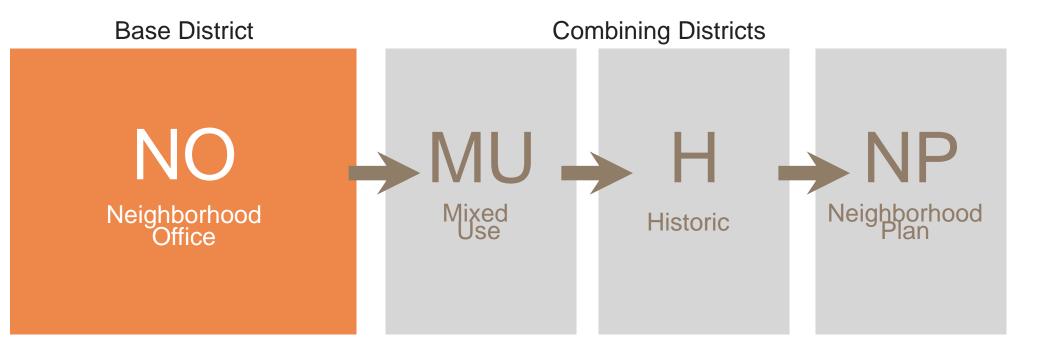




How Did You Get Here?



The Potential Combinations are Complex



NO-MU-H-P

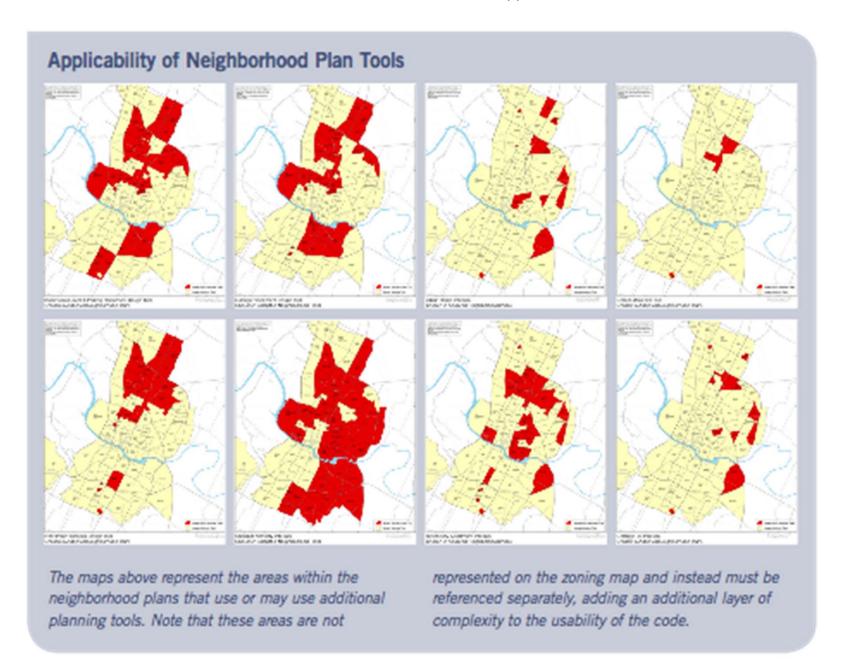


3

Complicated "Opt-in, Opt-Out" System

This is Over-Complicating the Code

Tools: Good Intent. Ineffective Application





Conditional Overlay Combining District: Good Intent. Wrong Tool



Need to rethink allowed uses in districts based on application of CO



Lack of Household Affordability and Housing Choice

Household Affordability "Gap" Continues to Grow

- 1. Restrictive Limits on Density in Some Areas Unduly Impacts Construction Costs
- 2. Inefficient Approval and Permitting Processes Drive Up Development Costs
- 3. Few Policy Levers in Place to Preserve or **Enhance Existing** Affordable Housing
- 4. Current Density Bonus Programs Are Not Yielding Needed Results









Duplex



Duplex



Fourplex



Mansion Apartment/Apartment House



Large Multiplex (6 – 8 units)



Household Affordability

- 1. Impacts Construction & **Development Cost**
 - A. Inefficient Approval and Permitting **Processes**
 - B. Restrictive Limits on Density in Some Areas
- 3. Few Policy Levers in Place to Preserve or **Enhance Existing** Affordable Housing
- 2. Current Density Bonus Programs Are Not Yielding Needed Results







Fourplex



Duplex



Mansion Apartment/Apartment House

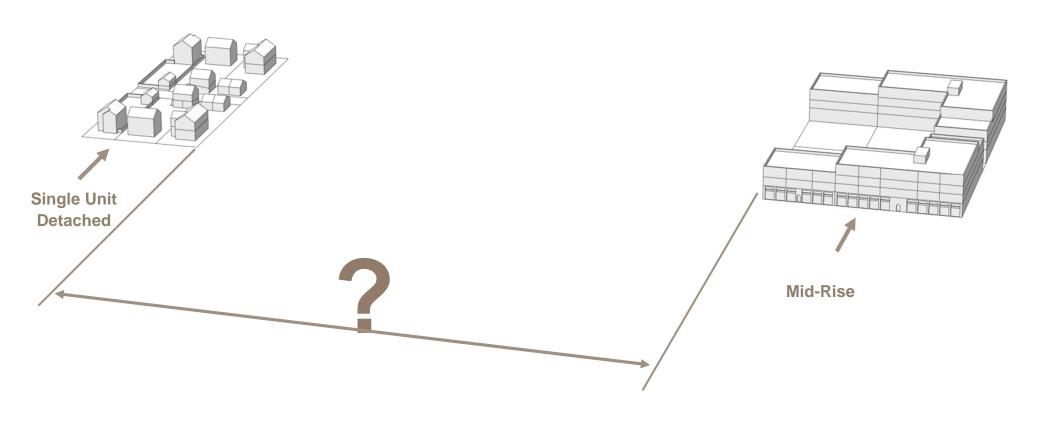


Duplex

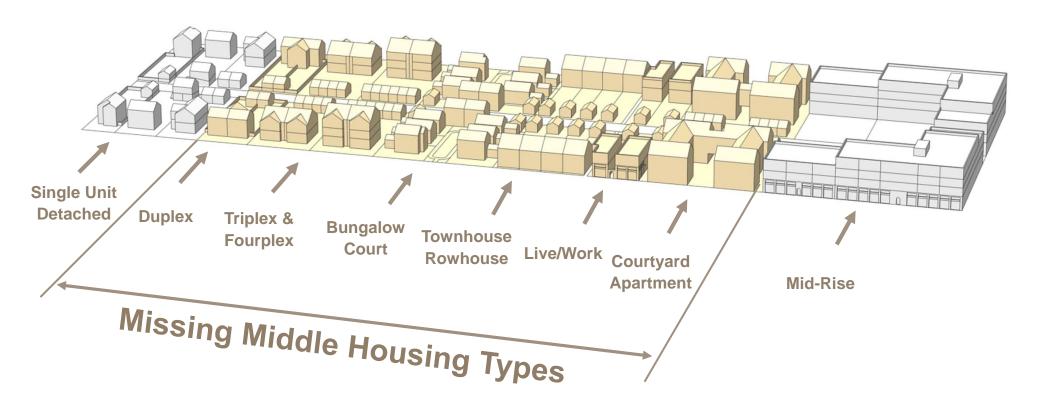


Large Multiplex (6 - 8 units)

Limited Housing Choices Regulated by Existing Code







These Types are Critical to Provide Choice & Affordability



5

Auto-Centric Code

An Obstacle to a Compact, Connected Austin and Protection of Community Character



Regulations are Creating Auto-Dependent Density



Parking surrounding buildings

Diagram of parking lots and driveways, shown in grey







Lots paved over for parking



Parking Regs are Prohibiting Small Scale, Compatible Infill



6

LDC Not Always In Line with Imagine Austin

Current Land Development Code Does Not Proactively Implement Imagine Austin



Priority Program 1: Invest in a Compact and Connected Austin



City and partners have invested in transit, bicycle and pedestrian infrastructure, but...

Transportation Infrastructure Has Not Kept Pace



Stormwater Regulations





Less Urban

More Urban



Vegetated Swale



Urban

Stormwater Tools: Choose Right Tool Based on Context

Channel

Priority Program 4:and Integrate Nature into the City



Tree Preservation: Very Important for Character of Place

Projects are finding creative ways of preserving existing



7

Lack of Clarity and Usability

Adversely Affect LDCs Effectiveness



Inconsistent Structure and Location of Content

ORGANIZATION OF CONTENT

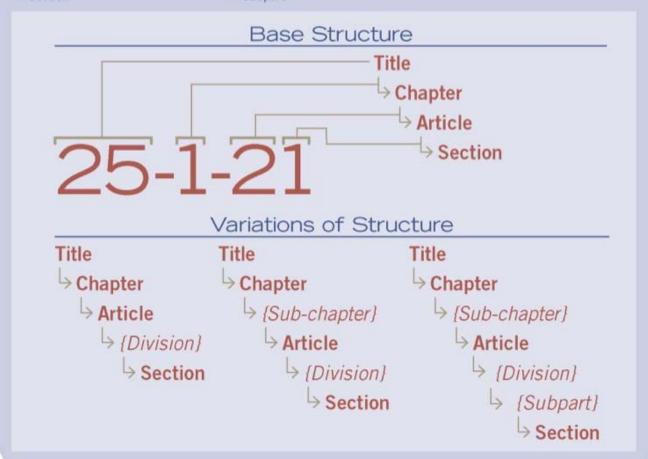
The basic structure of the existing Land Development Code has four major structural levels below Title 25 Land Development Code:

- Chapter
- · Article
- Section

This organizational structure has been amended over the past 30 years with additional layers added, such as:

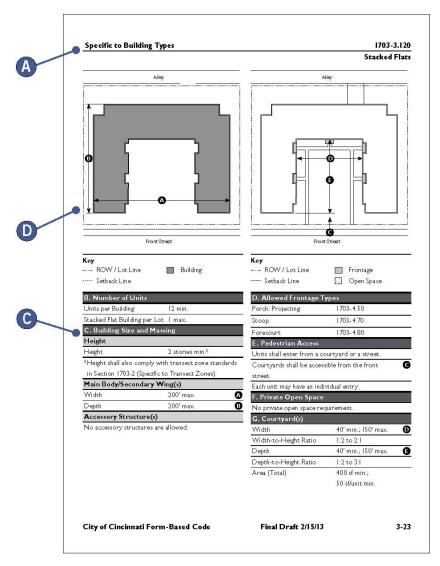
- Division
- · Sub-chapter
- Subpart

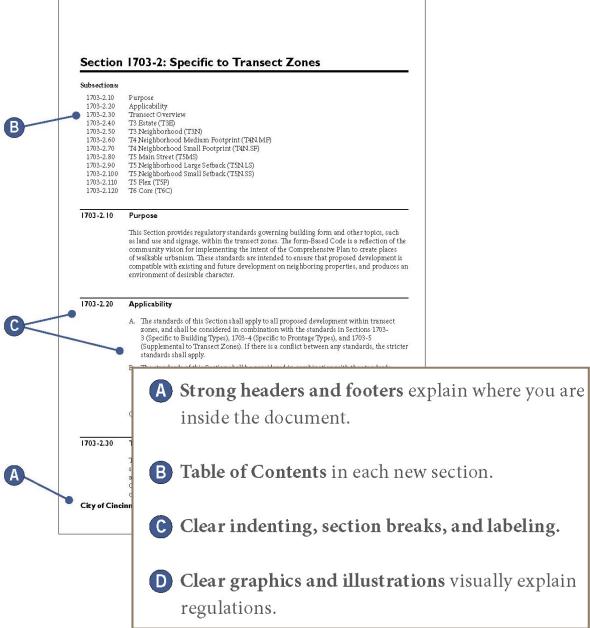
While these new layers have been added, the methodology for numbering the layers for ease of referencing has not been updated, making the numbering system ineffective at allowing a user to understand where in the hierarchy of the LDC the reference exists.





Basic Graphic Design and Usability in New Code







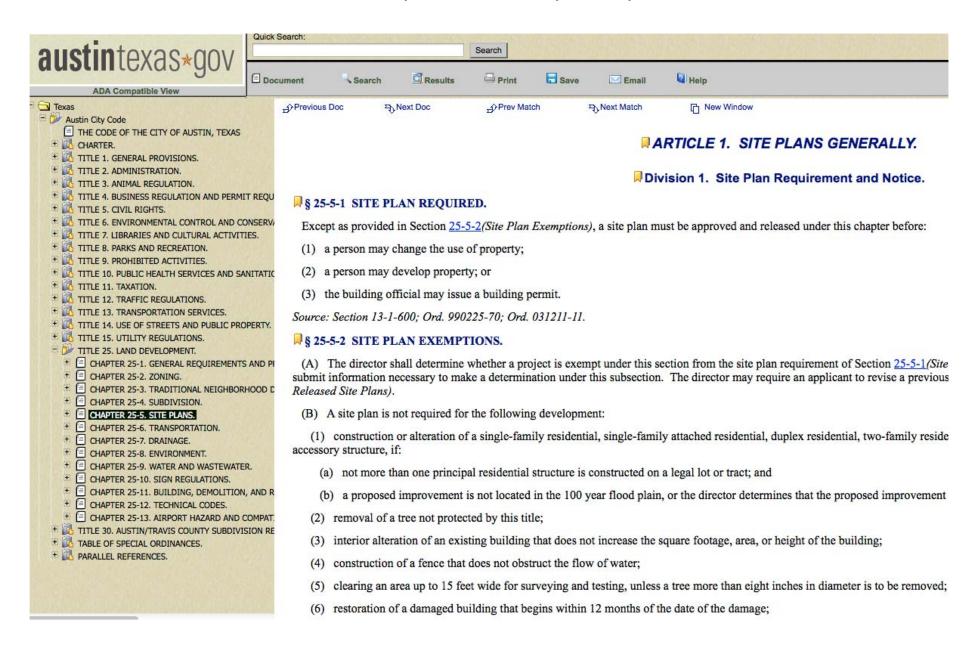
8

Ineffective Digital Code

Feels Like Stepping Back To 1984



Code Usability Further Hindered by Dated System





9

Code Changes Adversely Affect Department Organization

A Complex Code Generates a Complex Entity



- Multi-Layered System Lacks a by-right discipline
- 2. Difficulty of Maintaining a Common Interdepartmental Mission
- 3. Continuous amendments complicate administration and staff training

This Effort Is the Opportunity to Break Down Silos to Improve Integration



- 1. Strains the Development **Assistance Center** Workspace
- 2. Increases Potential for **Conflicting Department** Requirements







10

Incomplete and Complicated Administration and Procedures

Creates Inconsistent and/or Lengthy Reviews



Creates Inconsistent and/or Lengthy Reviews

Permit Fiscal Year	Subdivision		Site Plan		Commercial Building		New Residential	
	2013	2012	2013	2012	2013	2012	2013	2012
Average Days	33	30	29	28	33	34	11	5
Percent On-Time	41%	59%	42%	42%	25%	22%	82%	84%

Source: City of Austin, Development Process Tracking, September 2013

Permit Fiscal Year	Subdivision		Site Plan		Commercial Building		New Residential	
	2013	2012	2013	2012	2013	2012	2013	2012
Average Days	108	102	114	112	209	188	94	45
Approved within 120 Days	51%	65%	49%	50%	25%	32%	67%	91%

Source: City of Austin, Development Process Tracking, September 2013

- 1) Process not well defined
- 2) Administration information spread throughout document
- 3) Missing or incomplete code administration information
- Inconsistent interpretations
- 5) Overlapping layers of boards and commissions
- 6) Convoluted variance and appeal process, etc.



To put the above tables in context, the graphic above provides targeted time frames for site plan review and approval. (The time frames do not include the applicant request for a review extension of up to 180 days.)

Lack of Flexibility to Add Staff During Upswings - Inability to Respond



Lengthy, Unpredictable Review Process

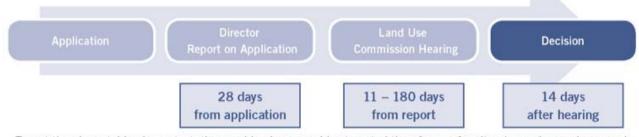
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Source: City of Austin, Development Process Tracking, September 2013

- 1) Involvement of numerous city departments, city boards and commissions, and outside entities:
- 2) Lengthy and unpredictable **Review Process:**
- 3) Process not well defined;
- 4) Convoluted Variance and Appeal Process, etc.

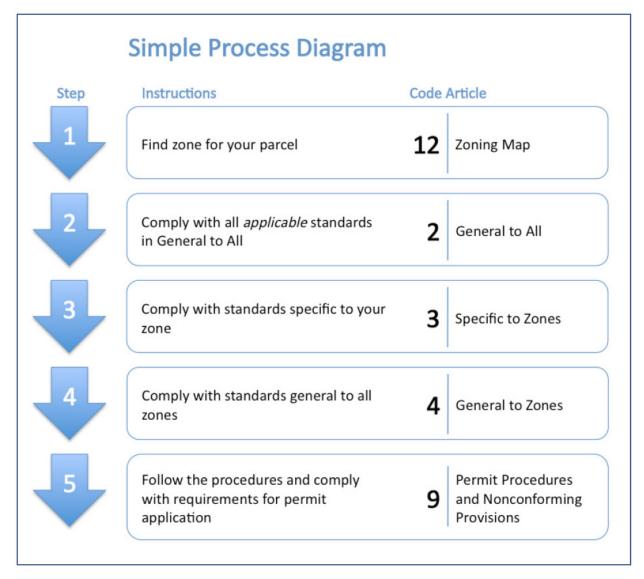


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Lack of Flexibility to Add Staff During Upswings - Inability to Respond



Clarity is Needed in the Process



Sample Process Diagrams from Livermore Development Code



Conclusion

What's Next & a Few Final Thoughts

This is a Foundation for Making a Plan to Untangle the

Mess,





Hybrid Code is Likely Good Approach

Going Hybrid

How one city overhauled its zoning code while combining form-based and conventional elements.

By Roger E. Eastman, arep, with Daniel Parolek and Lisa Wise

LAGSTAFF, ARIZONA, entered an exclusive club in November, It is now one of the few cities in the U.S. that have adopted a hybrid zoning ordinance with both form-based components and conventional Eudidean elements as part of a complete code rewrite. "Simplified, streamlined, predictable" raved an editorial in the Arizona Daily Sun while praising both the code and the process used to adopt it. Getting the new code adopted wasn't easy, but many city residents think the effort will be repaid in a more efficient, more equitable, and easier-to-use zoning system. The adoption of the new zoning code also caps off a successful public engagement process that has changed the generally negative perception of city planners.

An important first step in approaching a w once was differentiating between what inher Lainberger halls Ovalkable unnum "drivable suburban" areas. Catoaina, Island Press, 2008). code in the walkable

Thus, a new transect-based hybrid code resulted that defaults to promoting and ailowing for walkable urbanism while scamlessly incorporating refined yet otherwise conventional Euclidean zoning tools for the drivable suburban areas. Because the regulations for the two different types of areas are not muddled together, the form-based code could be kept intact-and development opde in place in the portunities could emerge in a manner con-

Flagstaff (pop. 62,000), at an elevation of about 7,000 feet, is the regional hub of northern Arizona, Established as a stop on the early transcontinental milway in 1882 and later Route 66 and Interstate 40, Hagstaff quickly grew as a logging and ranching meer, and as a geteway for tourists visiting the Grand Canyon and other national paries and monuments. Residents appreciate the natural beauty of the area and enfoy outdoor pursuits such as hiking, skiing, hunting, fishng, and comming.

The downtown and oldest neighborhoods were planned with small blocks and lots, and today are valued for their historical buildings and inherently walledde urban character. Typical of many American cities, Flagstaff's urban form changed after Woold War II as suro-oriented suburban developments were added to the periphery of the city. Until recently Flogstaft's zoning ordinances have actively promoted these driveable suburban development patterns.

he need for a comprehensive update of the city's land development code had been apparent for some time as developers, contractors, design professionals, and residents complained about the code's complexity and inconsistency. Some even blamed the cumbecame nature of the code for contributing to the high cost of development and the fail-

- Hybrid codes apply different zoning tools in different places within a city.
- Ability for city to "rightsize" the zoning tools needed in a predictable and clear manner.

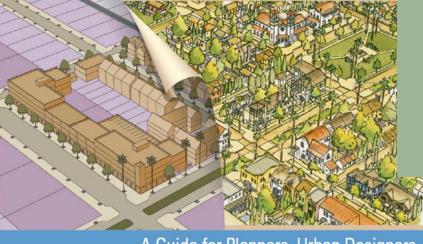
Form-Base Zones-Good Starting Point for Simplicity & Compatibility



We Will Continue to Provide Information and Best

Practices

Form-Based Codes



A Guide for Planners, Urban Designers, Municipalities, and Developers

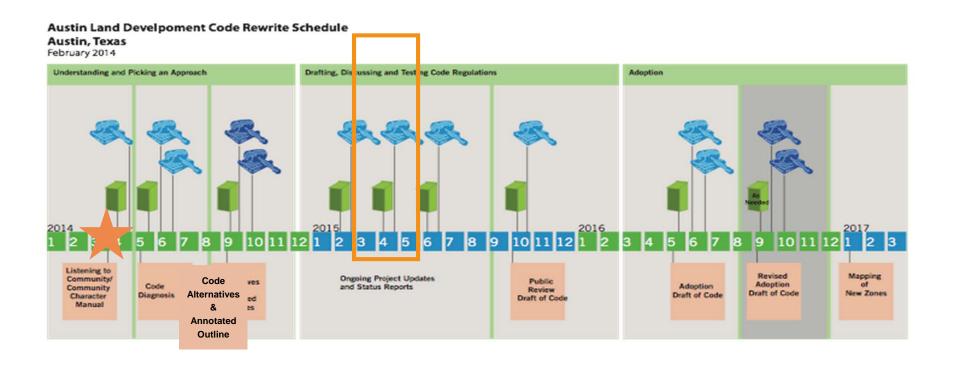
Daniel G. Parolek, AIA . Karen Parolek . Paul C. Crawford, FAICP Forewords by Elizabeth Plater-Zyberk and Stefanos Polyzoides

Form-Based Codes Institute

www.formbasedcodes.org



Next Steps: Major Deliverables





CODE NEXT

http://www.austintexas.gov/codenext