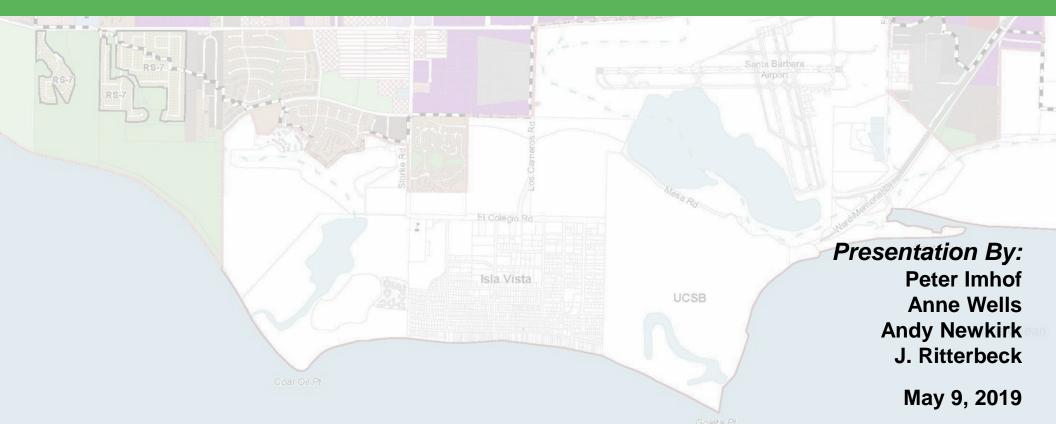


City of Goleta Revised Draft New Zoning Ordinance

Planning Commission Workshop 9 of 9

1

RS-1



Public Outreach

January 31st: Release of Revised Draft NZO

January 22nd – March 12th: Three (3) DRB Hearings

February 4th – 9th: Four (4) NZO Open Houses

• Additional Open Houses: May 29 at the Goleta Valley Community Center

February 25th – May 9th: Nine (9) PC Workshops

- Group Stakeholder Meetings to-date: Environmental Defense Center, SyWest, Bacara Resort, Goleta Chamber of Commerce, Old Town Businesses, Goodland Coalition
- Individual Stakeholder Meetings to-date: B.Massey, W.Tingle, D.Trout, E.Monahan
- Future Stakeholder Meetings: As needed

April 24th: City Council Ordinance Review Standing Committee

May 7th: Joint Planning Commission / City Council Workshop

Mid-year → end of 2019: NZO Adoption Packet Prep & Hearings



Public and Planning Commission Comments

www.GoletaZoning.com

| | | 1.1 |
|---|---|--|
| | Meetings FAQs P | ublic Comment arr of GOLETA |
| | Meetings FAQ- | |
| tect Documents | Mea | Public Comment |
| | | Plane |
| Home | | Please Note: All com |
| aning and a second seco | | Will be publici |
| any of all FTA IS NEW ZOTTING | | Will be published on |
| Welcome to Goleta's New Zoning | | |
| Conto Golecca | 1 Contraction | To submit your comment on the zonin enter your contact information |
| Welcome construction of the second se | 13/ | and the second sec |
| Welconnece Ordinance The City of Goleta's New Zoning Ordinance (NZO) project is a The City of Goleta's New Zoning Ordinance (NZO) project is a collaborative process that will revise citywide zoning regulations for collaborative process that will revise citywide zoning revised to the process for the proces | The barre | Name: * |
| | RUGT | |
| coleta's New Zommer and design vision for | CONTINUES VALUES | Email: * |
| The City of Gold process that will update develop the community with a | | Enter email address |
| collaborative p General Plan, or help realize to community the | 0 0 0 0 | Check been |
| implement the procedures, and invasion and invasion with the | | Check here to receive email updates |
| The City of Goleta's New Zoning Ordinaries The City of Goleta's New Zoning cuty wide zoning tese collaborative process that will revise citywide zoning tese collaborative procedures, and help realize the community's vision for implement the General Plan, update development and design standards implement the General Plan, update development and design standards and permitting procedures, and help realize the community with a and permitting procedures, and help realize the community with a inte future – a safe, beautiful, what and livable community with the the future – a safe, beautiful, what and livable relationship with the interfocal economy and a sustainable relationship with the substitute of the public Review Draft | | |
| the future - a surprise and a surprise paylew Draft | News praft NZO | Rele |
| collaborative P ⁻¹ General Plan, or help realize to community or implement the General Plan, or help realize to community or and permitting procedures, and help realize to community or and permitting procedures, and help realize to community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a safe, beautiful, vibrant and livable community or the future – a | News Revised Draft NZO | the C Message: * |
| and Definition of the subscription of the public Review Draft for the Public Review Draft robust local economy and a sustainaute for the Public Review Draft for the Public Review Draft were considered collectively. In consideration of public Review Draft were considered collectively. In consideration of public Review Draft were considered collectively. In consideration of public robust deview Draft were considered collectively. In consideration of public review Draft were considered to the public on January 31, 2019, Release materials and guided by the City's adopted General Plan. | Revised Drait (199 The City has released | aub |
| environmee The City has completed outreach activities The City has completed outreach activities Coning Ordinance (NZO) and Map. All comments received Coning Ordinance (NZO) and Map. All comments received Draft Zoning Ordinance (NZO) input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input and guided by the City's adopted General Plan, the Revised Draft input adopted General Plan, the Revised Draft input adopted General Plan, the Revised Draft input adopted General Plan, the Revised Draft Herbit Barter Bar | The City has release Ordinance (NZO) for | par |
| The City has completed of Map. All cours in consider un Zoning Ordinance (NZO) and Map. All cours in consider un Review Draft were considered collectively. In consider un Review Draft were considered collectively. In consider un neuronal sector of the city's adopted General Plan, the Revised Draft Input and guided by the City's adopted General Plan, the Revised Draft NZO was released to the public on January 31, 2019. Release materials we have a sector of the city's adopted General Plan. | Ordinance (N2O) to to the <u>Documents</u> P | age |
| Zoning Ordinania on Sidered adopted General 2019, Release | to the <u>Documents</u> Open houses and V | NO |
| Review idea by hir on je | Open houses and February to May to | 0 a |
| Input and guided to the public NZO was released to the public Include: • <u>Revised Draft New Zoning Ordinance (NZO)</u> include: • <u>Revised Draft New Zoning Ordinance (NZO)</u> | February to Mey comment. Refer to | 0 |
| NZO was rejear | NZO Upcoming | Submit |
| Incluse A Drail List | NZO UPS | Contact |
| · Revised Later Map | NZO Flyer | Meet with City Staff: |
| - /OLING Inv DIStructure | | |
| Zoning Overlay Longes Zoning Overlay Longes Overlay of Changes Overlay of Changes commission Comment | City Count | questions or wants more information on the new Z Ordinance. Call (805) 961-7557 to schedule |
| Overview of Comment Response to Planning Lonnent Response to Public Comment response to Public Comment response to Public Comment response to Public Comment | praft process | 2011 (805) 961-7557 to school J |
| Response to Public Comment reg Prior | Draft Process | Anne Wells, Adva- |
| · Reaking ide | On April | Anne Wells, Advance Planning Manager |
| I SEL and a south of the | propos | 130 Cremona, Suite B, Goleta, CA 93117 |
| User's Guide Keylssues Guide Keylssues Stikethrough Revised Dratt Russe coleta City Hall (Planning coleta City Hall (Planning | e for Ordinate | CA 93117 |
| Undernation Ser viewing at Gold average | | |
| are available for view hard copies | | |
| Hard copies are available for the specific opposite the specific o | | |
| counter) and active Hall Under | | |
| our chase at the | | |

Home Project Documents Meetings FAQs ts nments received nts ing ordinance program, Comments Received All public comments received for the Zoning Ordinance project have bee 2019 May Tara Messing - 5/2 Jaime Pierce - 5/2 Francis Wesley Herman - 5/5 Adam Smith - 5/5 Adam Smith - 5/5 Michele Fox - 5/6 Jennifer Smith - 5/6 April Robert Atkinson - 4/1 Dana Trout - 4/7 Cecilia Brown - 4/8 Edward Fuller - 4/8 as anv Edward Fuller - 4/8 oning Edward Fuller - 4/8 ng. Brian Boisky - 4/8 Jim Fox - 4/9 William Master - 4/9 Dana Trout - 4/8 William Tingle - 4/9 Ken Alker - 4/11

NOTE: City Responses are draft at this point and reflect direction City staff is considering. The City we of the ssues already raised in this Table and new comments on any topic within the Revised Draft NZO. A final Response to Flanning Comm Comment Table will be released with the Public Hearing Draft.

Response to Planning Commission Comments LU 1.6 - Retail and Other Commercial Centers Commissioner Maynard, PC Workshop #L. Com No change made. Staff reviewed the policy and believes that this policy is nissioner Maynard commented that in LU 1.6, in CC Some Maynard, FC Workshop FL Commissioner Maynard commerces um insu Las mocous categories, there are no minimum common open spasser or minimum landscalange in the nearest mession of the Zoning Ordinaros, but in the ZON's version there were sudelines. She noted this seems inconsistent with the language in U116, "Solera's mail to design the same as community findal price print, and shall include appropriate autobio best implemented through policy istency required for the approvi of a Development Plan and Design terview, as each project is different and ering places." She believes there is some applying an objective standard universally may not be the best some landscaping requirements, which she would like to see added LU 1.9 - Quality and Design in Built Enviro This topic was introduced on March 21, 2019 at Workshop #4, but was ne finished. Staff will add this topic to th UI 3-3 - Outline and Parager II-B and Knowneeth Commissioner Mayner, R. K. Workshop BL. Commissioner Maynerd commented that the believes the Planning Commission should allow on gene sages along with UI 3 3, UI 3 12, and VI 3 6, include the planning Commission should allow on gene sages along with UI 3 3, and VI 3 6, include to the state of the planning and the state of the state of the state of the configurous with the property or can they be separately. Should a community centre to hulding and all appendix point (4) areas made the specialist term in all intermed as a community centre of the 3) how much the property or can be presented to a hulding rather than half-backer, (5) what can be property pointing of plann and whether the hybric behavior and the state), and 70 allow signals allow of the property of plann and whether the hybric behavior and the state), and 70 allow signals and the state of the state of plann and whether the hybric behavior and the state). The off the signals allow of the state of plann and whether the hybric behavior and the state), and 70 allow signals and the state of plann and whether the hybric behavior and the state). The state of hulding the state of planne and whether the hybric behavior and the state), and 70 allow signals and the state of the state of plann and whether the hybric behavior and the state). The state of hulding the state of cussion of Workshop #7 on April 10 appropriate processing to security appropriate processing or a pro-count as a per page. A CW backboo PL, Commissioner Maynard commented that be is carison door accounting to consistency with the standards for density and building intensity for a readential project (b-1), and add carding that at failing needs to be made that the density of a project is conservated to stde constraints. Public rights-of way, public easement floodplaim, ESHA, and areas with archaeological or cultural resources are considered when calculating

Last Updated April 1, 2019

Public Comment Log (received by May 6) Response to Public Comments (received by A Response to Planning Commission Commer

NOTE: City Resources are draft at this point and reflect direction. Dity staff is considering. The City welcomes additional public comments on any of the issues aready raised in this Table and new comments on any topic within the Revised Draft N2D. A final Response to Public Comment Table will be released with the Public Hearing Draft.

| PUBLIC COMMENT | CITY STAFF RESPONSE | | | |
|--|---|--|--|--|
| General Comments | | | | |
| Sen Williams. The current system of relying upon an old zoning ordinarce that is inconsistent with the general plun is very confusing to people and discourages people from doing business in Goleta. This is a poor reflection of the organization and effectiveness of our City government and should have been resolved years ago. | | | | |
| II. Graham, I found the City's interface to review any of the documents cumbersome. The "summary of changes" was needlessly complicated and jargony. | Comment noted No response required. | | | |
| Michel Never, The Ricca was designed to R to a shall henging site and to note a usingle experiment with the highest architectual tackeds. Researce of the Racca Yunganeous, we find it is appropriate to protect if from certain new injust that are intended to anyph on a general basic anses the DT and that could have negative concernations to the Ricca. The new as number of different was to address the issues noted a door, and are would like the opportunity to meet with not to discuss possible address the negative concernation and the regulation of the sector Ricca and an opportunity of the regulation of the Ricca. The Ricca and the regulation of Riccaras concerns and this request and we would like to discus this with voiv further. Reale let me from when would be convenient for you. | Come invitions to be made for clarifications and to address general concerns; however, although the staff values all of the boninosisk in one CRy, the development standards of the N2O will provide equal protection and dee process that will apply to all existing and proposed development equally and without proceal executions or provisions for any specific parcel or company. | | | |
| General Relies: All a score perchange interpretent da tester effection of infectionity and a hearing where a seconder work and allower the build on pool if executing as exection based on contential infectionity. I also mentioned that them is CA standards expressing the timet that even and that an execution of infectionity in matching. A downess, now a location downess of them some of the execution of infectionity in matching. A downess, now a location downess of the execution of the execution of the execution of the execution of the execution of the tester. Execution whether execution all the execution of the execution of the execution of the tester. Execution whether and definition for infectionality. Its lefters doites a down are present proponents to have the baland of definition for infectionality. Its lefters doites a down are present proponents to have the baland of additional infectionality. The scheme doites a down are present proponents to the where the down of additionality in scheme and bottom of infections. The downees are definition for the baland of the comparison of the scheme downees and the new relation of the scheme downees and the present and the new relation of the scheme downees and the scheme downees and the tester scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme downees and the scheme down and the scheme downees a | Possible revisions TBD. Oty staff is currently working with the Oty Attorney's Office to determine if any changes are necessary to butther define;ctarity "intessibity." Generally, the N2O approaches the issue such that the bunden is already an the applicant to provide the | | | |



Version 1 (posted 4/1/19)

Topics for Discussion

Topics added by PC member request at prior workshops

- Workshop #3: Day Care, "Infeasibility," Modifications and Exemptions
- Workshop #4: AG zoned land exceptions for grading/grubbing
- Workshop #5: RV Parking
- Workshop #6: Residential Setbacks, Developer incentives, Mobile Vendor comparisons
- Workshop #7: Maximum lot coverage, minimum Open Space and landscaping for Commercial districts, Transitional standards, City light standards
- Workshop #8: Outdoor storage in residential zones



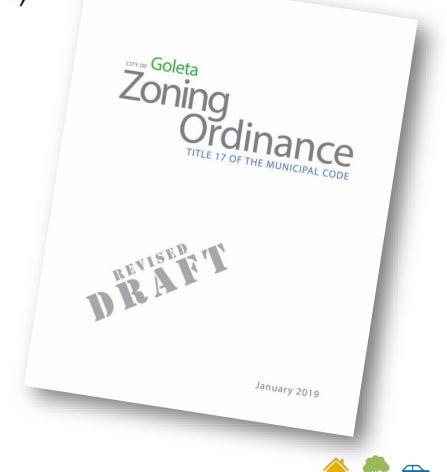
Workshop #9 Agenda

Staff Overview, Questions, and Comments by Topic:

- Setbacks (non-residential zones)
- Transitional standards
- Mobile vendor comparisons
- Commercial open space
- Outdoor storage
- Lot coverage & landscaping
- Exemptions
- City lighting

Agenda Suggestion:

Staff presentation Commission questions Public comment period Commission discussion





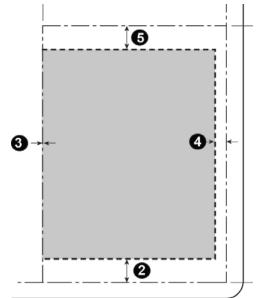
Setbacks in Non-Residential Zones



Commercial District Setbacks

| | District | | | | | | |
|------------------------|--|-----------|-----------|-------|-----------------------------|----|--|
| | CR | СС | ОТ | VS | CI | CG | |
| Minimum Setbacks (ft.) | See also § 17.24.120, Mixed-Use Development Where the minimum required setback is 0 and a setback is provided, the setback shall be a minimum of 3 feet. | | | | | | |
| Front | 20 | 10 | 10 0 20 1 | | 10 | 10 | |
| Interior Side | 10 | 0 | 0 | 20 | 5 | 0 | |
| Street Side | OT District: 0 Other Districts: • Lots less than 100 feet in width: 20% of lot width, min 10 • Lots 100 feet or more in width: Same as required front setback | | | | | | |
| Rear | 10% of | lot depth | , max 10 | 20(A) | 10% of lot depth, max 10 | | |





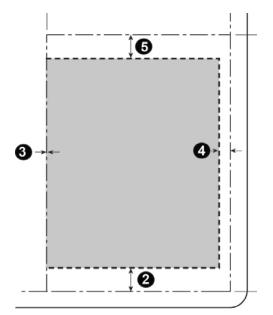
Primary Street



Office District Setbacks

| | District | | | | | |
|------------------------|--|-------|--|--|--|--|
| | BP | ΟΙ | | | | |
| Minimum Setbacks (ft.) | See also § 17.24.120, Mixed-Use Development for upper-story setbacks for residential uses in mixed-use development | | | | | |
| Front | 50 | 15 | | | | |
| Interior Side | 10 | 15 | | | | |
| Street Side | Lots less than 100 feet in width: 20% of lot width, min 10 Lots 100 feet or more in width: Same as required front setback | | | | | |
| Rear | 10 | 15(A) | | | | |





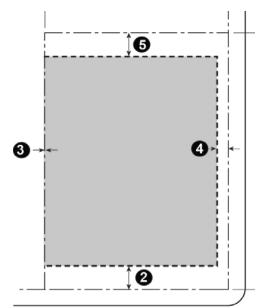
Primary Street



Industrial District Setbacks

| | District | | | | | |
|------------------------|--|----|--|--|--|--|
| | IS | IG | | | | |
| Minimum Setbacks (ft.) | | | | | | |
| Front | 20 | 20 | | | | |
| Interior Side | 10 | 10 | | | | |
| Street Side | Lots less than 100 feet in width: 20% of lot width, min 10 Lots 100 feet or more in width: Same as required front setback | | | | | |
| Rear | 10 | 10 | | | | |





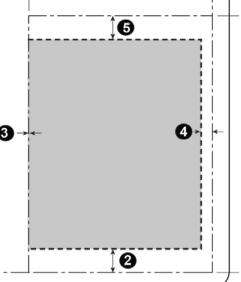
Primary Street



Public & Quasi-Public District Setbacks







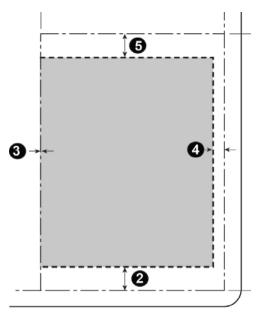
Primary Street



Open Space & AG District Setbacks

| | District | | | | | | |
|------------------------|--|----|-------|--|--|--|--|
| | OSPR | AG | | | | | |
| Minimum Setbacks (ft.) | | | | | | | |
| Front | 10 | 10 | 20 | | | | |
| Interior Side | 10 | 10 | 20 | | | | |
| Street Side | Lots less than 100 feet in width: 20% of lot width, min 10 Lots 100 feet or more in width: Same as required front setback | | | | | | |
| Rear | 10 | 10 | 20(B) | | | | |





Primary Street



 The NZO setback standards are carried forward from the existing setbacks in both the Inland and Coastal zoning ordinances where appropriate and to reflect existing conditions

• Staff requests that the PC confirm the appropriateness of the 2019 NZO non-residential setback standards



Transitional Standards

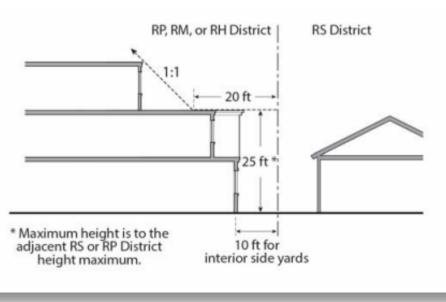


Transitional standards

17.07.050 Additional Development Regulations for RP, RM, and RH Districts

A. **Transitional Standards.** Within 20 feet of an RS District boundary, the maximum building height is 25 feet. From this point, the building height may be increased one foot for each additional foot of upper-story building setback to the maximum building height.

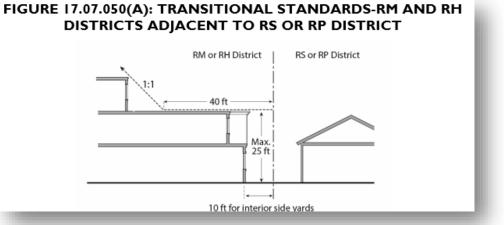
FIGURE 17.07.050(A): TRANSITIONAL STANDARDS-RP, RM, AND RH DISTRICTS ADJACENT TO RS OR RP DISTRICT





RM and **RH**

- Within 40 feet of an RS or RP District boundary, the maximum building height is 25 feet. From this point, the building height may be increased one foot for each additional foot of upper-story building setback to the maximum building height.
- The minimum interior side setback from an RS or RP District boundary is 10 feet.



RMHP

 Minimum building setback from an RS or RP District boundary is 10 feet for interior side yards and 20 feet for rear yards.

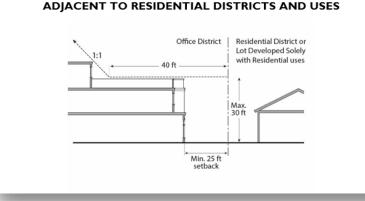
Reason for Changes in 2019 Draft (See Section 17.07.050(A))

- No reason to reduce height in RM and RH when RP can go to 35 feet
- No reason to punish RMHP to benefit RS
- No reason to require larger setback for RM and RH than is required for RS
- 40 feet too long a distance



Commercial, Office, and Public/Quasi Public Districts

- 25 feet from any R District boundary
- Within 40 feet of an R District boundary or a lot line of a lot developed solely with residential uses, the maximum height is 30 feet (25 in P/QP District). From these points, one foot for each additional foot setback to the maximum building height.



Reason for Changes in 2019 Draft

- Creation of Non-Conforming Uses without a rationale for doing so
- Addition back in of Development Plans can address compatibility, as will Design Review
- One-size fits all not appropriate

Potential Add-Ins (Consistent with Existing Standards)

- 25-foot Rear Setback in C Districts if abutting R District
- 50-foot Rear Setback in I-BP and P/QP if abutting R District





Industrial Districts

- 50 feet setback from any R District boundary. The Planning Commission may reduce this setback with a Conditional Use Permit on narrow lots.
- **Open Space and Agricultural Districts**
- Lots that contain one gross acre or less are subject to the setback regulations of RS District.
- 25 feet setback from any R District boundary.

Reason for Changes in 2019 Draft

- 50 feet is a large setback that will limits development potential of a significant number of smaller industrial lots
- Many residential parcels built to self-setback from adjacent uses
- New development will require Development Plans and Design Review to address compatibility
- No justification for limiting agricultural development to support residential development.

Potential Add-Ins (Consistent with Existing Standards)

- 50-foot Rear Setback in IS and IG if abutting R District
- 25-foot Side and Rear Setback for OSAR and OSPR if butting R District





- The NZO transitional standards are not necessary
- Would not apply universally in all instances
- DRB or DP process would achieve same results where appropriate

• Staff requests that the PC confirm the appropriateness of the 2019 NZO omitting transitional standards



Mobile Vendor Comparisons



Mobile Vendors



- City of San Luis Obispo: Temporary Use Permit (TUP)
- City of Santa Barbara: TUP or Conditional Use Permit (CUP)
- City of Solvang: Business License
- County of Santa Barbara: Minor CUP, Commercial Zones,
- Limited to sale of fresh fruit, vegetables, and flowers



- The 2019 NZO Draft proposes requiring a Temporary Use Permit (TUP) for all Mobile Vendors
- Staff to explore permitting Mobile Vendors with both a TUP and a Minor CUP
- Staff to also explore exemptions from TUP

• Staff requests that the PC confirm the appropriateness of revising the 2019 NZO Draft



Commercial Open Space







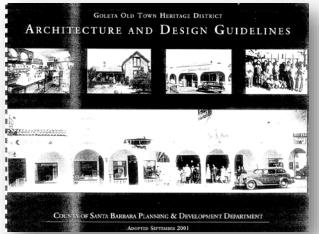
Open Space Requirements

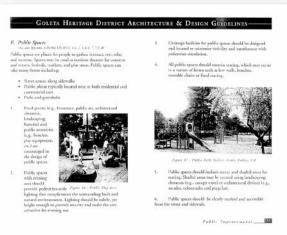
General Plan: Visual and Historic Resources Elements

• Resolution No. 03-20

- I. Site layout (location of structures, signs, parking, etc.) shall be designed to respect and enhance the visual quality of the environment.
 - A. The project shall include useable open space (appropriate to the project) which is designed and located appropriately for the proposed use.
 - 1. Useable open space can include view corridors, site recreation, employee lunch areas and natural vegetation areas.

Old Town Design Guidelines







- The NZO does not include Open Space requirements for Commercial projects
- Commercial standards carried forward from existing Inland and Coastal zoning ordinances

• Staff requests that the PC confirm the appropriateness of no Commercial Open Space requirements



Outdoor Storage



Outdoor Storage

17.24.130 Outdoor Storage

Residential, Commercial, and Office: Not permitted. All storage must be within an enclosed building, except as allowed for Outdoor Sales or otherwise specifically permitted. Portable On-Demand Storage (PODS), shipping containers, and similar temporary storage containment does not qualify as an enclosed building.







- Carried forward from the existing zoning codes
- The NZO calls PODS out specifically based upon direction from 2016 PC feedback

 Please confirmation that PODS do not qualify as acceptable Outdoor Storage



Lot Coverage & Landscaping



Lot Coverage & Landscaping

| Zone District | Max. Lot Coverage | Min. Landscaping |
|--------------------|--------------------------------|------------------|
| RS | None | None |
| RP, RM | 30% | None |
| RH | 40% | None |
| RMHP | 75% | None |
| BP | 35% | 30% |
| OI | 40% | 10% |
| PQ | None | 25% |
| OSPR | 5% | None |
| OSAR | 20% | None |
| AG | 10% (up to 25% w/Major CUP) | None |
| IS, IG | None | 10% |
| CR | None | 5% |
| CC, OT, VS, CI, CG | None | None |





- Carried forward from the existing zoning codes
- Limited Lot Coverage requirements to those outlined in the Land Use Element

 Please confirm that NZO lot coverage and landscaping requirements are adequate



Exemptions



Exemptions

Certain Sign types: Section 17.40.030



- Some Temporary Uses: Section 17.41.250
- **Some types of Telecom.:** Section 17.42.020(A)
- Exempt from all permits (Inland): Chapter 17.53
- Exempt from Design Review: Section 17.58.020
- Exempt from all permits (Coastal): Section 17.61.030



- Carried forward from the existing zoning codes
- Some additional common sense exemptions and/or common practice exemptions added

 Confirm that the NZO should retain the types of exemptions listed within, which largely carry forward current zoning exemptions



City Lighting



City Lighting

Public Works LED options





| Manufacturer | History of Company | Warranty | Manufacturing Location | Assembly Location | Controls Options | Model | LED Housing | Efficacy* (average) [Im/W] | Dirt Depreciation | сст | Fixture Material |
|-------------------|--|--|-----------------------------|-------------------------------|--------------------------|------------------|---|----------------------------------|----------------------|---------------------------|--------------------------|
| | In business for more than 100 years. One of the largest lighting | 5 year standard, 10 year available | | Mexico | ROAM | ATBS | Uses borosilicate glass and chip-on- board lens (one large lens for a group of diodes). Pending Uses individual LEDs in combination with an acrylic optical lens to distribute the light. | 120** | | 3000K-5000K | Aluminum |
| | | | | | | ATBM | | 117** | 3% | | |
| AMERICAN | | | Mexico | | | ATBL | | 117** | | | |
| ELECTRIC (AEL) | manufacturers in the world. | | : WEALD | | | ATBMICRO | | 119.51** | | 500000 500000 | |
| | | | | | | ATB0 | | 121** | | | |
| | | | | | | Archeon Small | | 104.23 | | | |
| | | | | Mexico t U.S. upon request | | Archeon Medium | Uses individual LEDs and acrylic optics. | 115.75 | | 3000K-5000K | |
| COOPER/ EATON | In business for more than 100 years. Fortune 500 company | 5 year standard, 10 year available | Mexico U.S. upon request | | CIMCON (CONNECTWORKS) | Archeon Large | | 110.67 | 3% | | Aluminum |
| | ,, | | | | | Verdeon C-Series | Uses chip on board technology (COB) with acrylic optics. | 123.00 | | | |
| | Started in 1989, one of the first creators of LED technology and the only LED chip manufacturer in the U.S. | I IUvear I | U.S. | U.S. | None | RSWS | Uses Cree's Wavemax and/or NanoOptic technology. The LEDs are placed in a discrete array and an acrylic lens is used to distribute the light. | 108.25 | 3% | <mark>2700К</mark> -5000К | Bulk Molding Compound |
| CREE | | | | | | RSWM | | 106.00 | | | |
| | | | | | | RSWL | | 107.00 | | 3000K-5000K | |
| | | | | | | Traveyo | | 129.81* | | 2700K | Aluminum |
| | In business for more than 100 years. Fortune 500 company | 5 year standard, 10 year available | | U.S. | LIGHTGRID Smart City | ERL1 | Utilizes reflective optics and a flat glass lens to distribute the light. | 119.25 | 1% | 2700K-4000K | Aluminum |
| GE | | | I US | | | ERLH | | 110.06 | | 3000K-4000K | |
| | | | | | | ERL2 | | 114.98 | | 3000K-4000K | |
| | | | | | | ERLC | | 117.91 | | 2700K-5000K | |
| | | | | | | GCJ-H | | 114.14 | | | Aluminum |
| | Leotek is a LiteOn Technology | | | | | GCM-H | | 111.90 | 3% | | |
| LEOTEK | company. Millions of LED products installed around the world. | 5 year standard, T 10 year available | Taiwan | U.S. | None | GCL-G | Leotek uses a polycarbonate micro- lens over individual LEDs. | 117.67 | | 3000K-5000K | |
| | | | | | | GC1-F | | 104** | | | |
| | | | | | | GC2-G | | 120.60 | | | |
| | In business for more than 100 | t lighting 5 year standard, 10 year available | | Canada & Mexico | СІТҮ ТОИСН | RFS | Utilizes optical grade polymer refractor lens to distribute the light. | 114.17 | 3% | 3000K-4000K | |
| PHILIPS (SIGNIFY) | years. One of the largest lighting | | Canada & Mexico | | | RFM | | 114.35 | | 3000K-4000K | Aluminum |
| manufac | manufacturers in the world. | | | | | RFL | | 117.32 | | 3000K-4000K | |

- City Public Works staff currently reviewing options for LED upgrades for public street lighting
- Very few manufacturers offer 2700K
- Most LED options start at 3000K
- Confirm that the NZO should retain the 3000K standard



Requiring Further Research for the Public Hearing Draft

Infeasibility

Grading/Grubbing on AG land
Developer Incentives



NEXT STEPS



Adoption Schedule

Two Additional Open Houses: May 29th at the GVCC

Additional Stakeholder Meetings: As needed Mid-year → end of 2019: NZO Packet Prep and Adoption Hearings

