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# Bird Safe Berkeley Requirements

Justin Horner, Associate Planner  
Planning Commission • October 19, 2022

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# Overview

- Background
- Topic Presentation
- Questions to Consider

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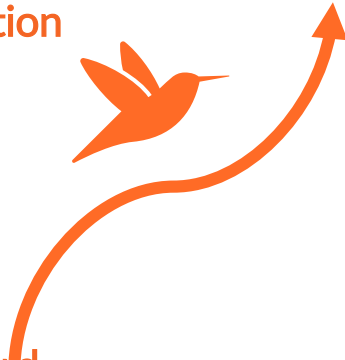
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# Background

Community Environmental  
Advisory Commission  
(CEAC) Recommendation



City Council passes Bird  
Safe Berkeley  
Requirements Referral



Planning Commission Discussion (Mar 2, 2022)



DRC Presentation (Sept 15, 2022)



Planning Commission (Oct 19, 2022)



Planning Commission Public Hearing

# Planning Commission

March 2, 2022

1. Include Bird Safe requirements in the Berkeley Municipal Code
2. Apply requirements *citywide*
3. Base recommendations on latest science

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# Design Review Committee

September 15,  
2022

1. Cost and availability for smaller residential projects
2. Phase-in bird safe requirements
3. Tiering bird safe requirements based on project size
4. Historical landmark exemption

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# Questions for Tonight

1. What type of projects should be required to comply?
2. What should be required to be bird safe?
3. What materials are considered bird safe?

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# Types of Projects Covered

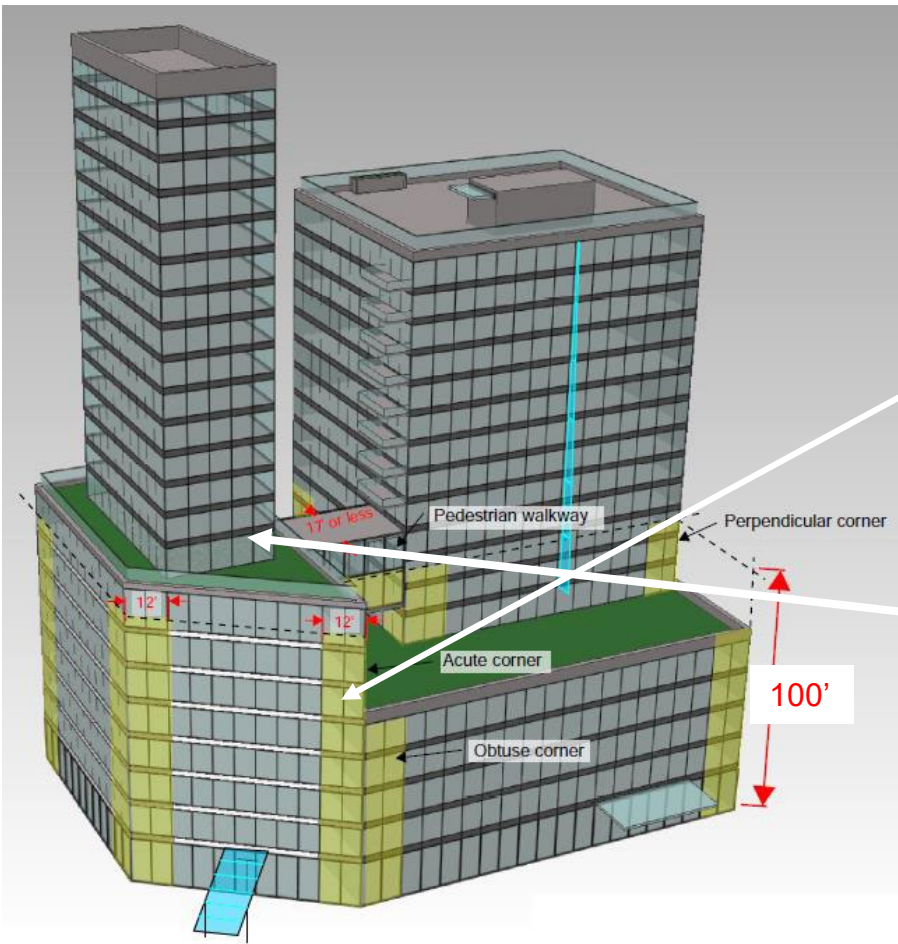
- Cover by height or number of stories?
- Cover by project type (e.g. commercial, high-density residential)?
- Cover based on size of glass panes (e.g. 1 square meter or larger)?
- Historic resource exemption?

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# Building Features Covered

- Windows within a certain height from grade
- Exterior buildings areas within 30 feet of an outside corner
- Parallel glass walls that are 50 feet apart or more
- Glass atriums
- First three floors above an adjacent, or confronting, building's existing green roof
- Glass panes of more than 1 square meter





- Elevated pedestrian building connections
- Exterior buildings areas within 30 feet of an outside corner
- Parallel glass walls that are 50 feet apart or more
- Glass atriums
- First three floors above an adjacent, or confronting, building's existing green roof

# Bird - Friendly Glass, Defined

- A product with an American Bird Conservancy Material Threat Factor Rating of 30 or less
- Glass with exterior surface obstructed and effectively covered by building-integrated structures that do not have gaps larger than 12” in any dimension
- Un-tinted glass with a reflectance of no more than 15% that contains visual markers (dots or lines)

Masonry



7

Solyx SX-BSFD Frost  
Dot Bird Safety Film



Aviprotek Pattern  
213/Horizontal



25

1



ACRYLITE Soundstop  
XT with Bird Guard

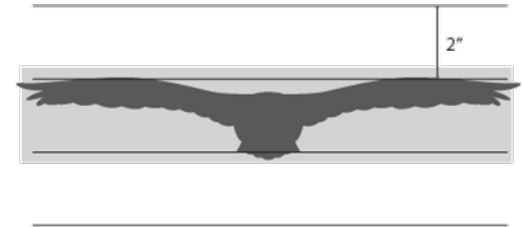
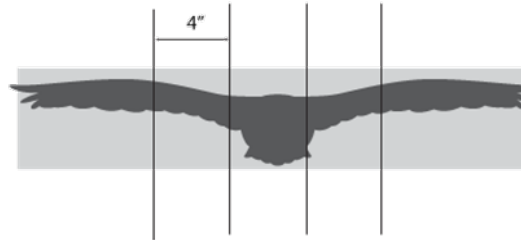
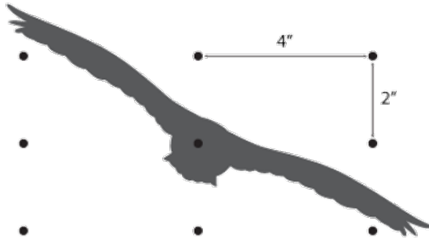
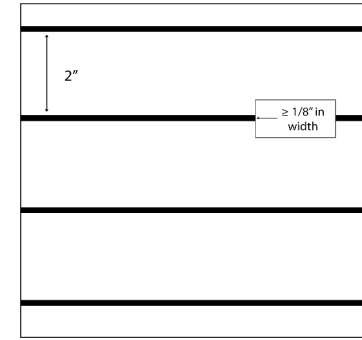
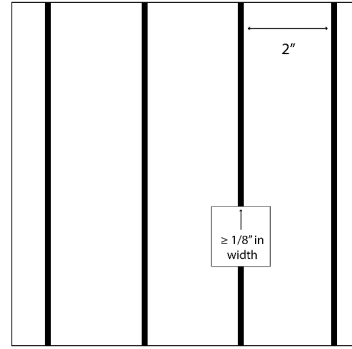
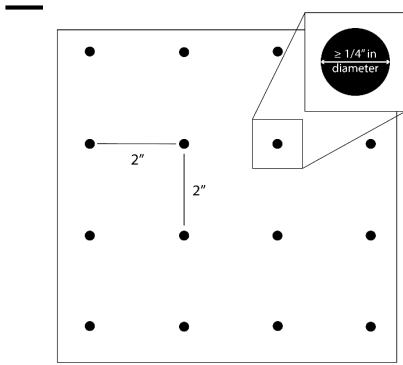
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Aviprotek Pattern 215

30

American Bird Conservancy Threat Factor of 30 or Under



Un-tinted glass with a reflectance of no more than 15% that contains visual markers (dots or lines)

# Questions

- What types of projects should be covered by bird safe requirements?
- How much glazing should be bird safe?
- What materials qualify as bird safe?

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	<b>CEAC Referral</b>	<b>Mountain View</b>	<b>Evanston, IL</b>	<b>LEED Credit</b>	<b>ABC Model Ordinance</b>
<b>Projects Covered</b>	New buildings of 2 or more stories and one or more facades with more than 50% glass	Projects 10,000 sf or larger	New commercial, multifamily or industrial	Voluntary standard	100% of all projects
<b>Exemptions</b>	1 story buildings  Historic structures  Ground floor commercial storefronts	Projects smaller than 10,000 sf	SFH, duplexes, townhouses and residential buildings less than three stories	N/A	None
<b>Requirements</b>	90% of glass 8 sq. ft or larger	90% of glass  60 ft from grade	60 ft from grade and/or 16 ft from green roof (TF 15 or less)  Above 60 ft (TF 30 or lower)	95% of glass  40 ft from grade and/or 12 ft from green roof (TF 30 or less)	100% of glass  100 ft from grade and/or three floors above green roof

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**End**