

**Shade Report**  
**Honeydew Energy Advisors for AT&T Mobility**

**Site Name: CCL06126**  
**Address: 3111 Benton Street**  
**APN: 290-27-006**

This Shade report was conducted by Jacob Parrott, Energy Consultant for Honeydew Energy Advisors. Please note there is only 1 house located on Humboldt Ave that currently has solar panels installed on their home (Array #1). No other houses currently have solar panels installed on their homes. In addition to show the annual solar access for the home that does have solar panels installed (Array #1), this report also showcases what future annual solar access would provide should the possibility become available for these homes to have solar panels installed on their roofs. (Array # 2-8).

The report concludes that the annual solar access that would result from the approval and building of a 60' Mono-Broadleaf wireless facility will not impact any solar blockage from the home that currently has solar installed on their roof (Array #1). In addition, should any of the homes decide to install solar on their roofs, the annual solar access that these future solar panels would access is predicted at or above 97%.

Thank you,

*Steve Proo*

Steve Proo  
Planning Specialist – Land Use Development  
Complete Wireless Consulting

# Shade Report - 3111 Benton St, Santa Clara, CA 95051, USA

Customer  
—

Coordinates  
37.34688846063322,  
-121.98481866871

Organization  
Honeydew Energy  
Advisors

Address  
3111 Benton St, Santa Clara, CA  
95051, USA

Date  
9/13/2024

## Annual irradiance



## Summary

Array ID	Panel count	Azimuth	Pitch	Annual TOF	Annual solar access	Annual TSRF
1	27	179°	20°	98%	100%	98%
2	12	270°	20°	85%	99%	84%
3	4	270°	20°	85%	99%	84%
4	4	271°	20°	85%	99%	84%
5	5	91°	20°	84%	97%	82%
6	6	270°	20°	86%	99%	85%
7	11	0°	20°	69%	100%	69%
8	9	360°	12°	77%	100%	77%
Weighted average by panel count:					99.5%	85.9%

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## Monthly solar access % across arrays

Array ID	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	99	100	100	100	100	100	100	100	100	100	100	99
2	99	99	99	99	99	99	99	99	99	99	99	99
3	99	98	98	99	98	99	99	98	98	99	99	99
4	99	99	99	99	99	99	99	99	99	99	98	98
5	97	96	97	98	98	98	98	98	97	96	96	96
6	99	99	99	99	99	99	99	99	99	99	99	99
7	100	100	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100	100	99

## Arrays by address

3188 Humbolt Ave, Santa Clara, CA 95051

- Array ID 1

3190 Humbolt Ave, Santa Clara, CA 95051

- Array ID 2

3208 Humbolt Ave, Santa Clara, CA 95051

- Array ID 3, 4, 5

3218 Humbolt Ave, Santa Clara, CA 95051

- Array ID 6, 7

3232 Humbolt Ave, Santa Clara, CA 95051

- Array ID 8



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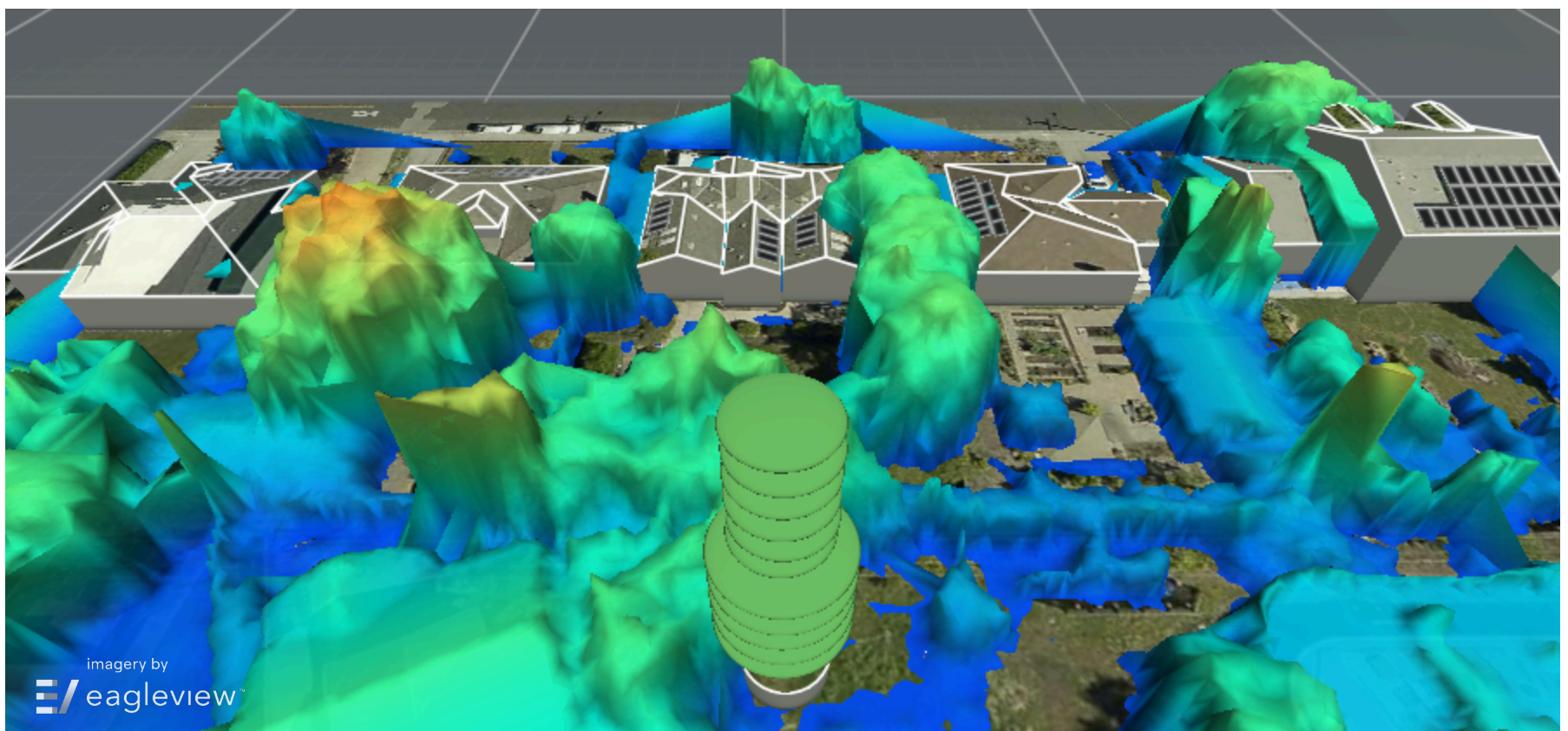
Zoomed out satellite view



3D model



3D model with LIDAR overlay





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Street view with corresponding 3D model

