

Proposed Development: Access to Sunlight

- Solar studies to show shadows cast by buildings

Purpose:

- Confirm that proposed construction will not negatively impact existing buildings or solar installations.
- Confirm that future buildings or installations will not be hindered by proposed development.

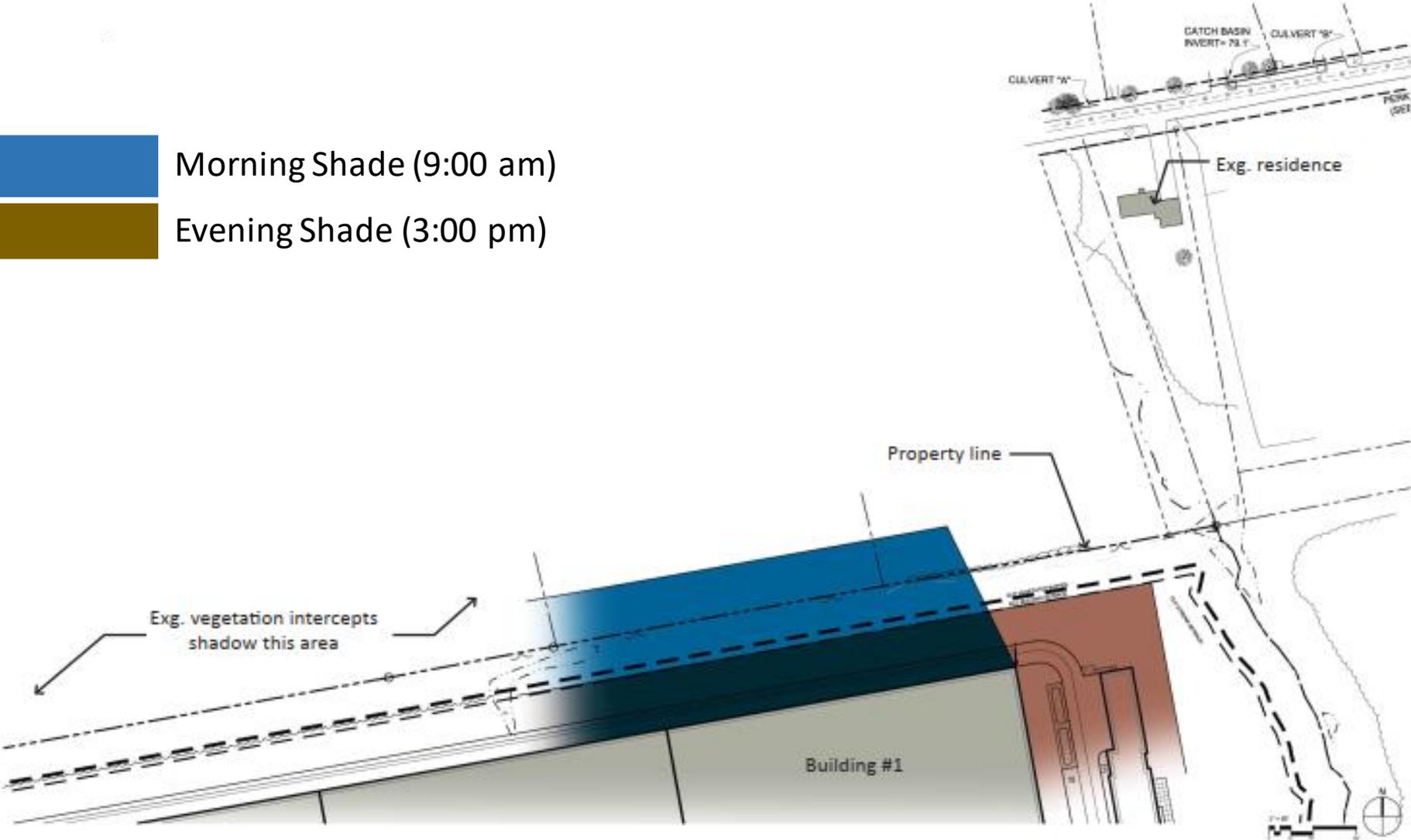
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Two Solar studies to show shadows cast by buildings:

- Submitted shadow study at northeastern corner property lines at winter solstice, based on publically available information from NOAA.
- Computer Generated shadow study of entire site at winter and summer solstices.

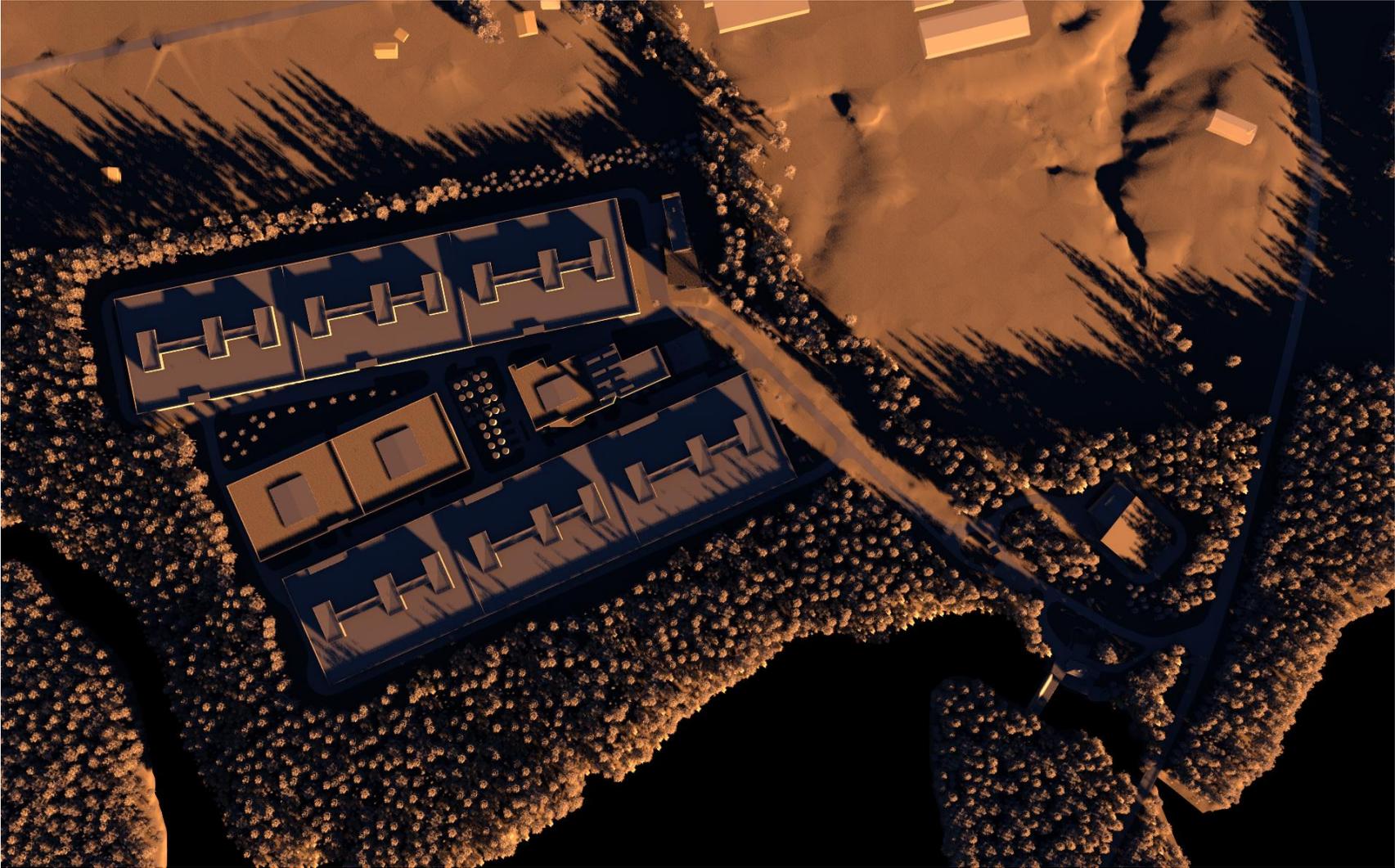
Proposed Development: Access to Sunlight

-  Morning Shade (9:00 am)
-  Evening Shade (3:00 pm)



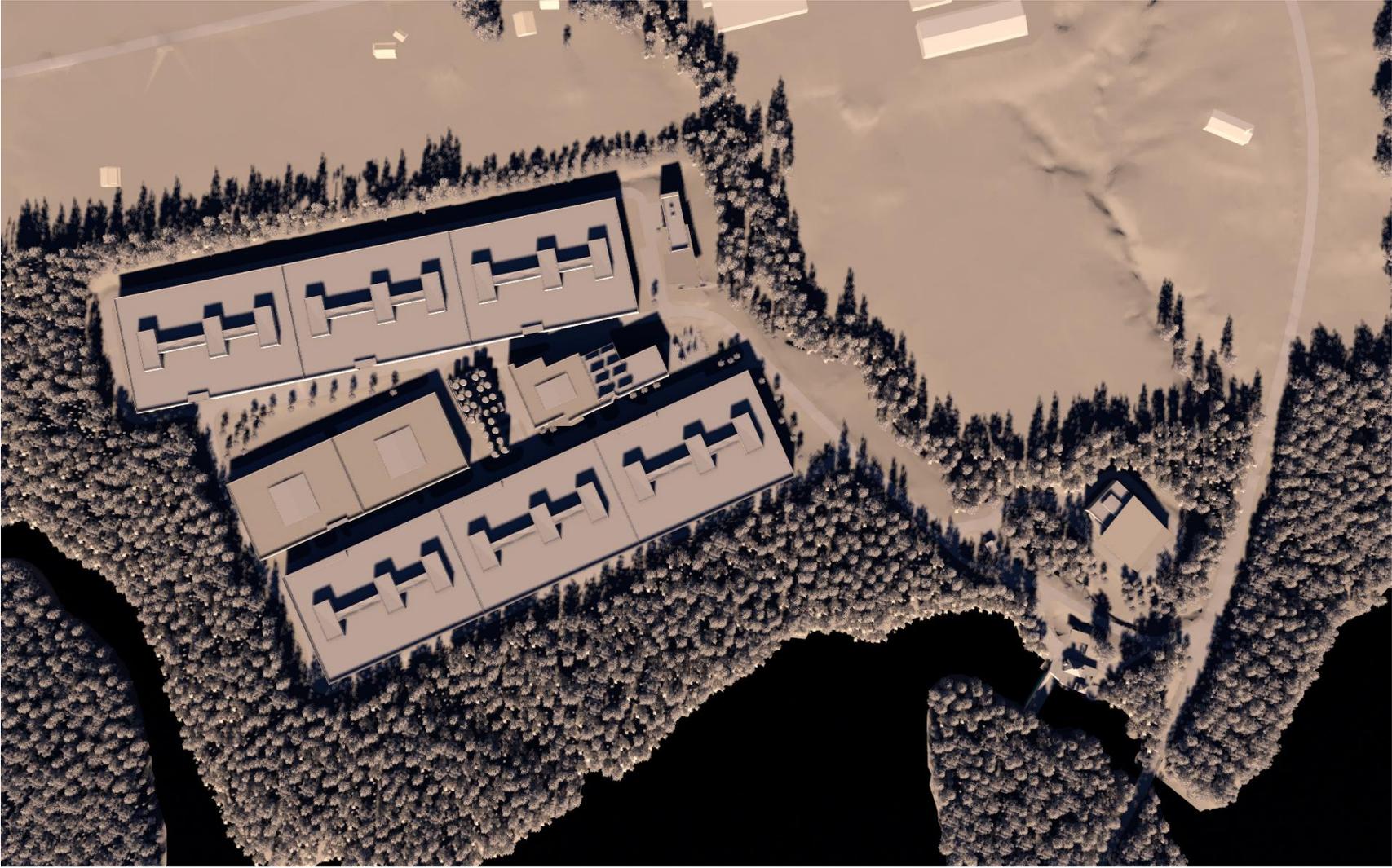
Proposed Development: Access to Sunlight

Winter solstice
8:00 am



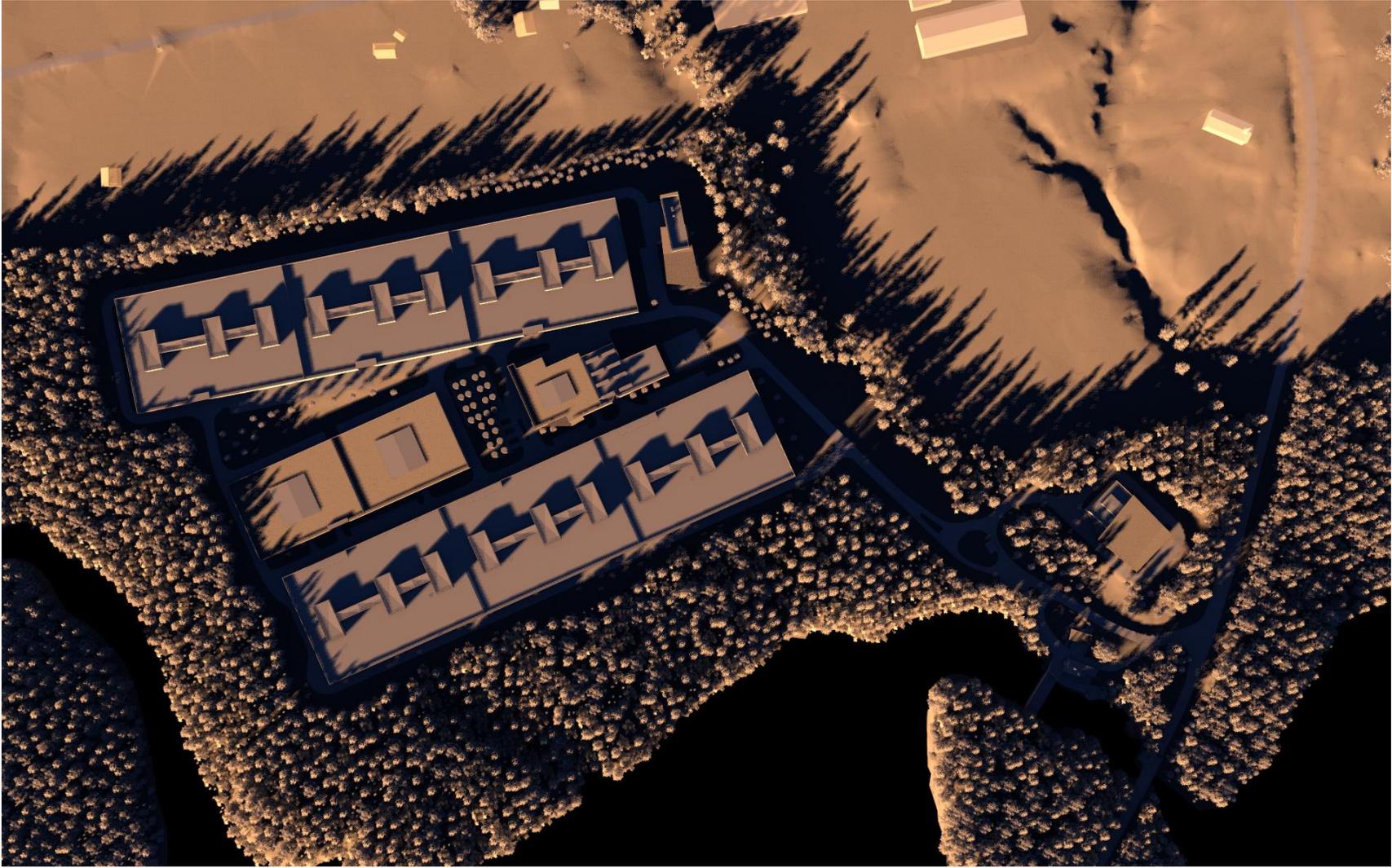
Proposed Development: Access to Sunlight

Winter solstice
Noon



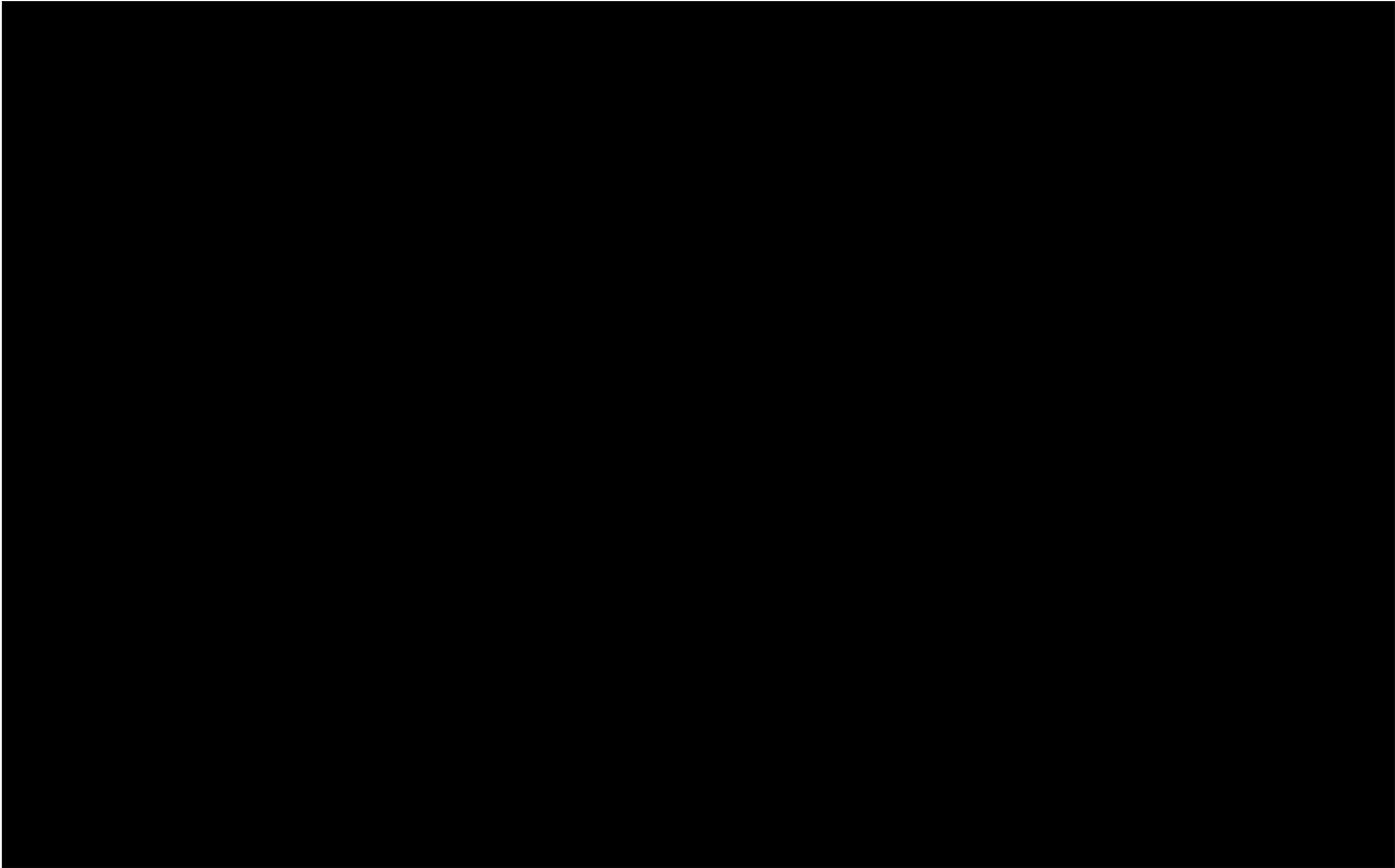
Proposed Development: Access to Sunlight

Winter solstice
3:00 pm



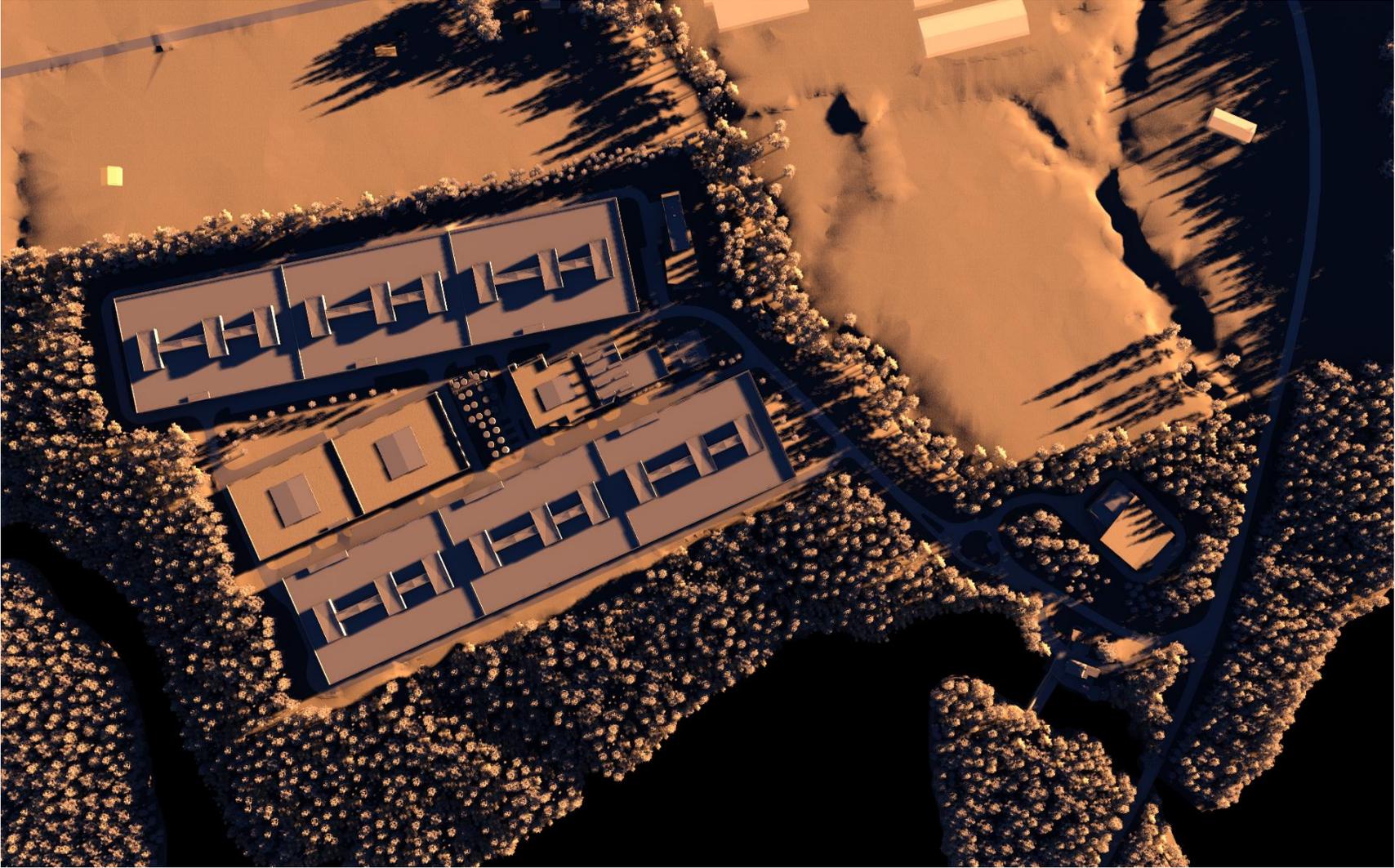
Proposed Development: Access to Sunlight

Winter solstice
Full day



Proposed Development: Access to Sunlight

Summer solstice
8:00 am



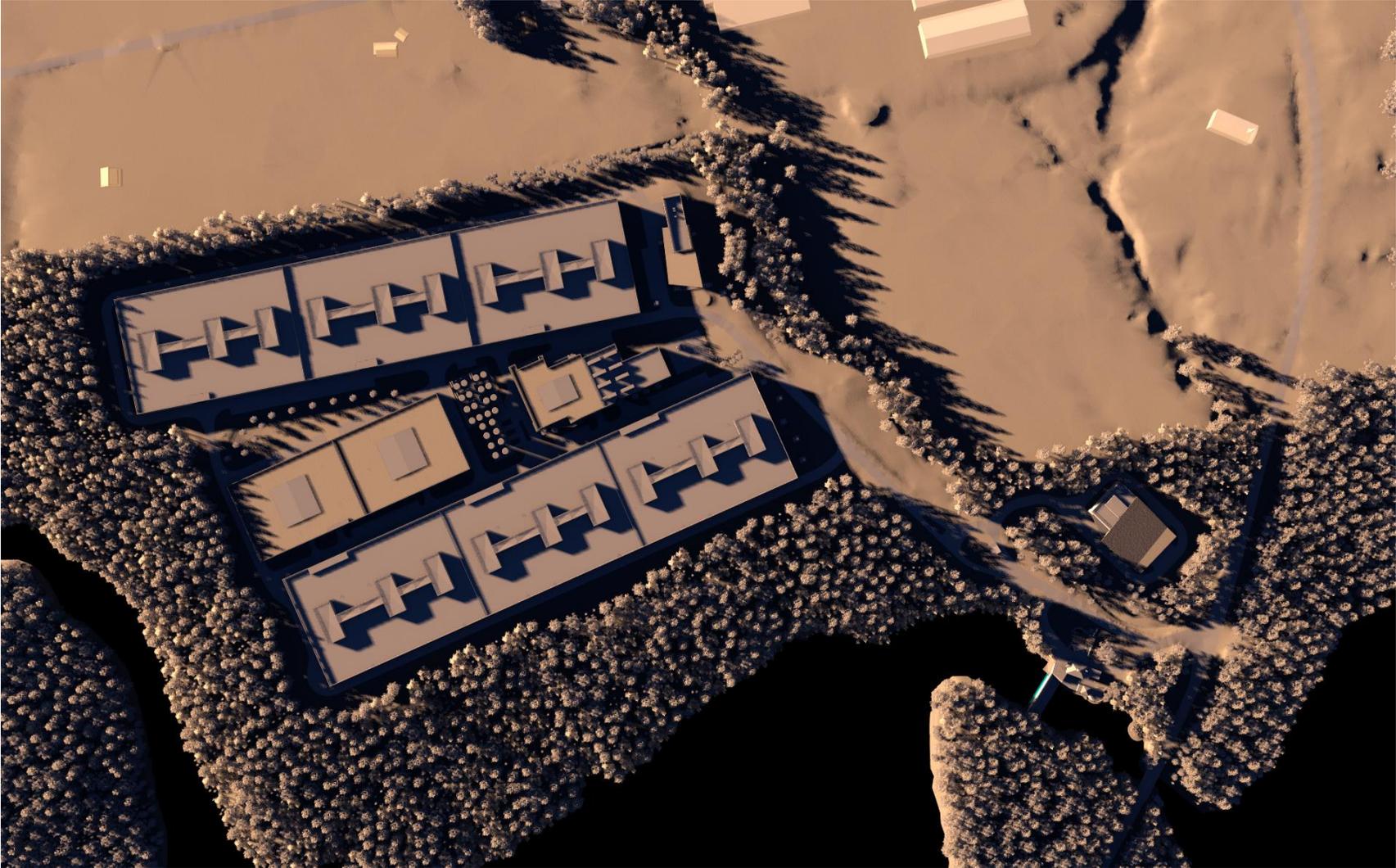
Proposed Development: Access to Sunlight

Summer solstice
Noon



Proposed Development: Access to Sunlight

Summer solstice
8:00 pm



Proposed Development: Access to Sunlight

Summer solstice
Full day



Access to Sunlight: Summary

Proposed Development meets or exceeds City requirements for abutter's access to sunlight.

Chapter 90 section 42:

- Building heights and their placement on site do not impair or restrict abutting property owner's ability to generate power from solar energy systems.