

# SHADOW ANALYSIS

PREPARED BY VANDENBERG & WILDEBOER ARCHITECTS

## APPLICATION TYPE:

NEW MID-RISE CONSTRUCTION  
PROPOSED 6 STOREY, 50 UNIT BUILDING





## LOCATION:

2040 PROM. ARROWSMITH DR., OTTAWA  
LATITUDE: 45.438457 N  
LONGITUDE: 75.595711 W  
TIME ZONE: UTC-05:00

## TEST DATES AND TIMES:

(HOURLY INCREMENTS)  
EQUINOX: SEPTEMBER 23rd -- 8am to 6pm  
SOLSTICE: DECEMBER 21st -- 9am to 3pm  
JUNE 21st -- 8am to 8pm

## LEGEND

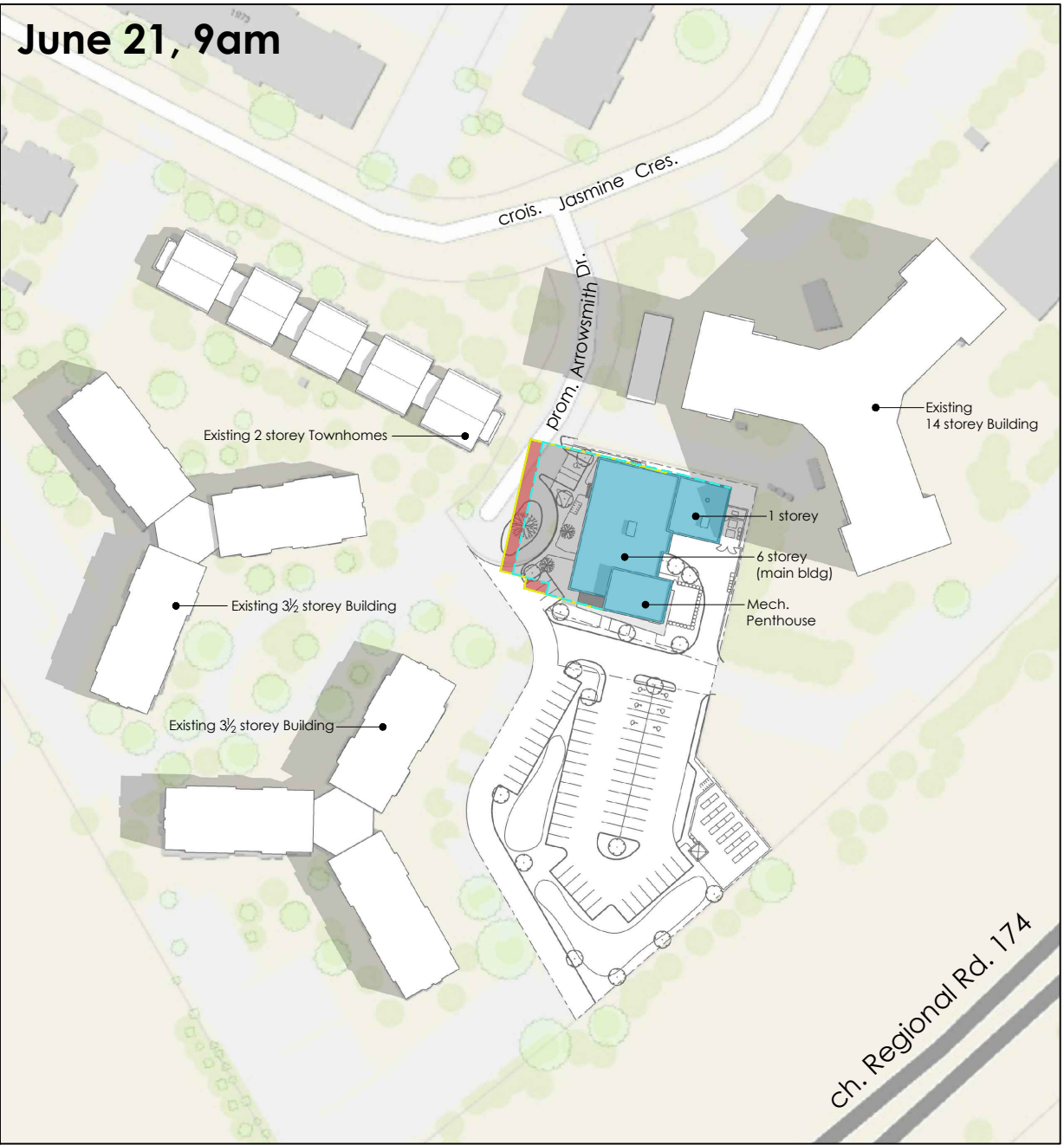
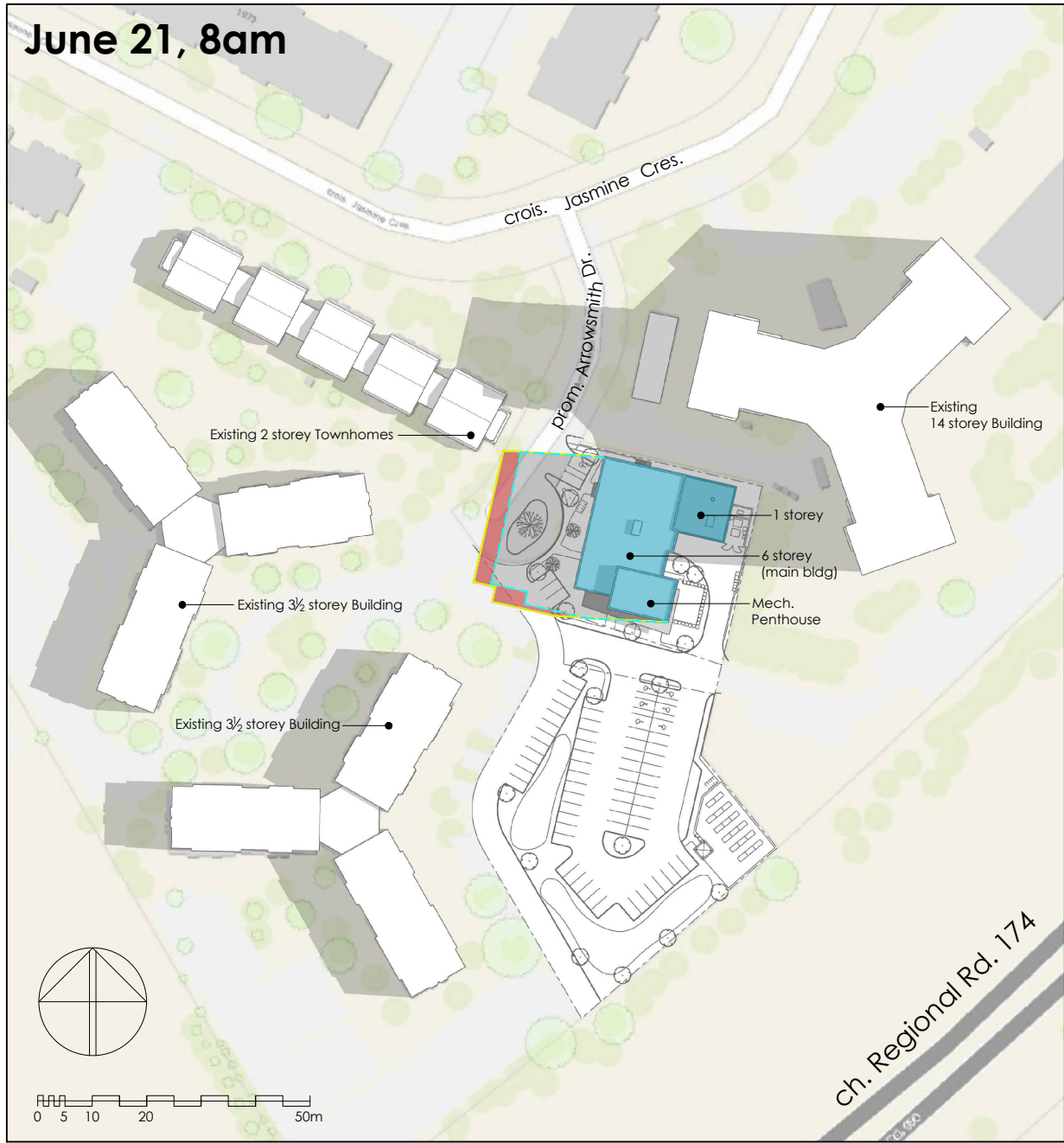
-  PROPOSED SHADOW OUTLINE  
(BUILDING HEIGHT = 17.5 m)
-  AS OF RIGHT SHADOW OUTLINE  
(ALLOWED HEIGHT = 15.0 m)
-  PROPOSED DEVELOPMENT
-  NEW NET SHADOW



WIGWAMEN  
DECEMBER 2022



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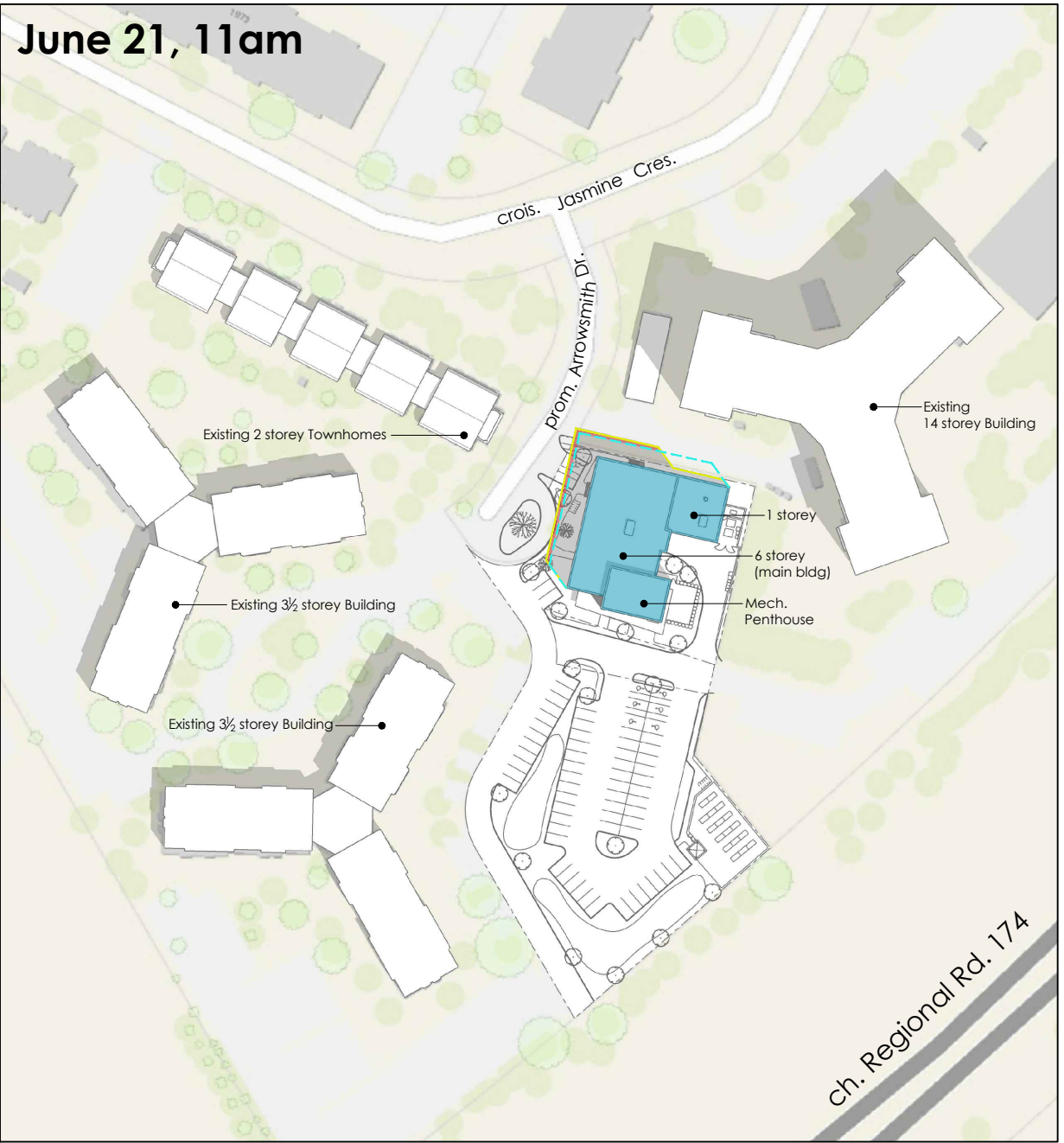
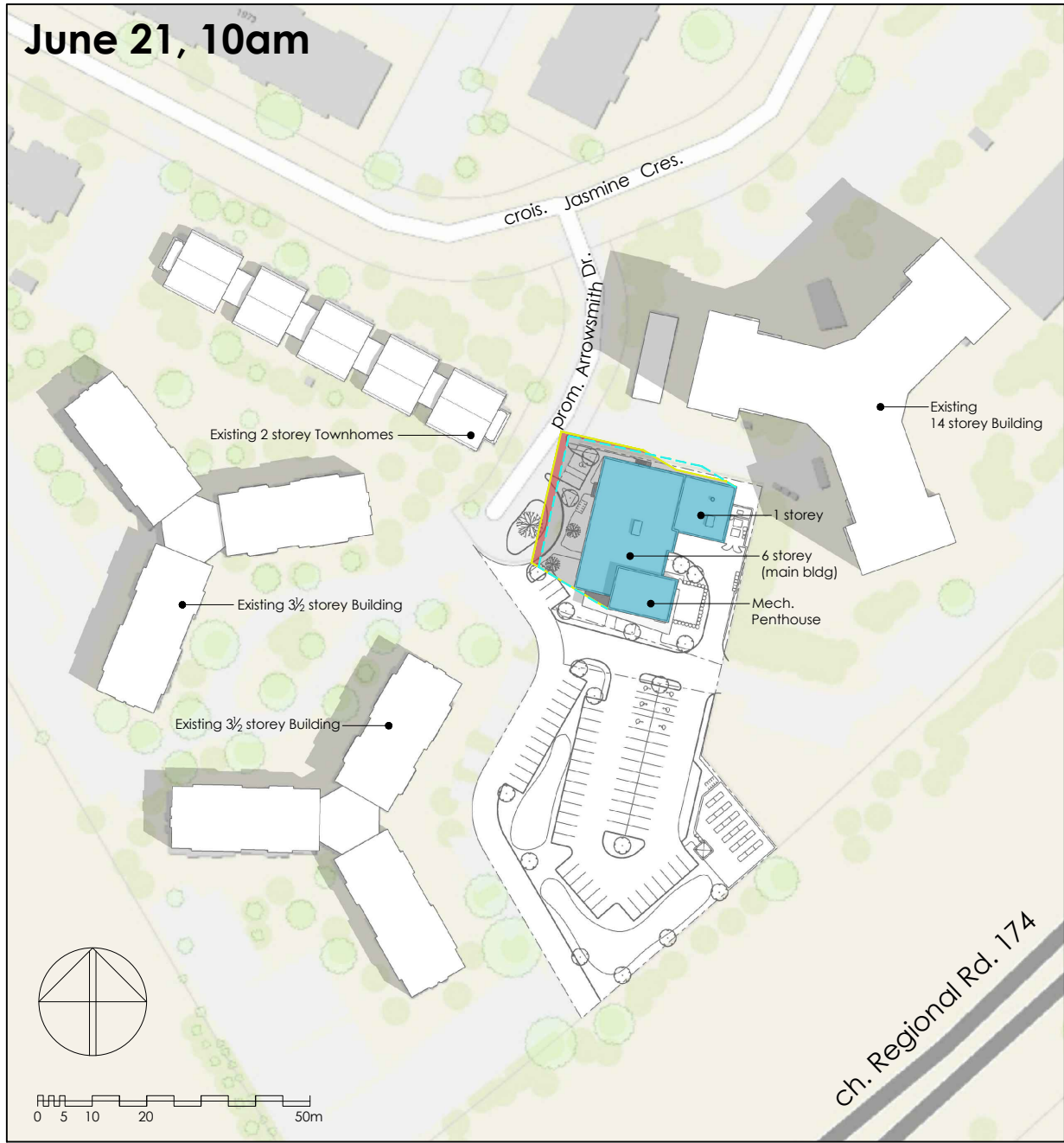


**WIGWAMEN**

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
 FIGURE: TEST TIME - JUNE 21 at 8am / 9am (UTC-05:00)



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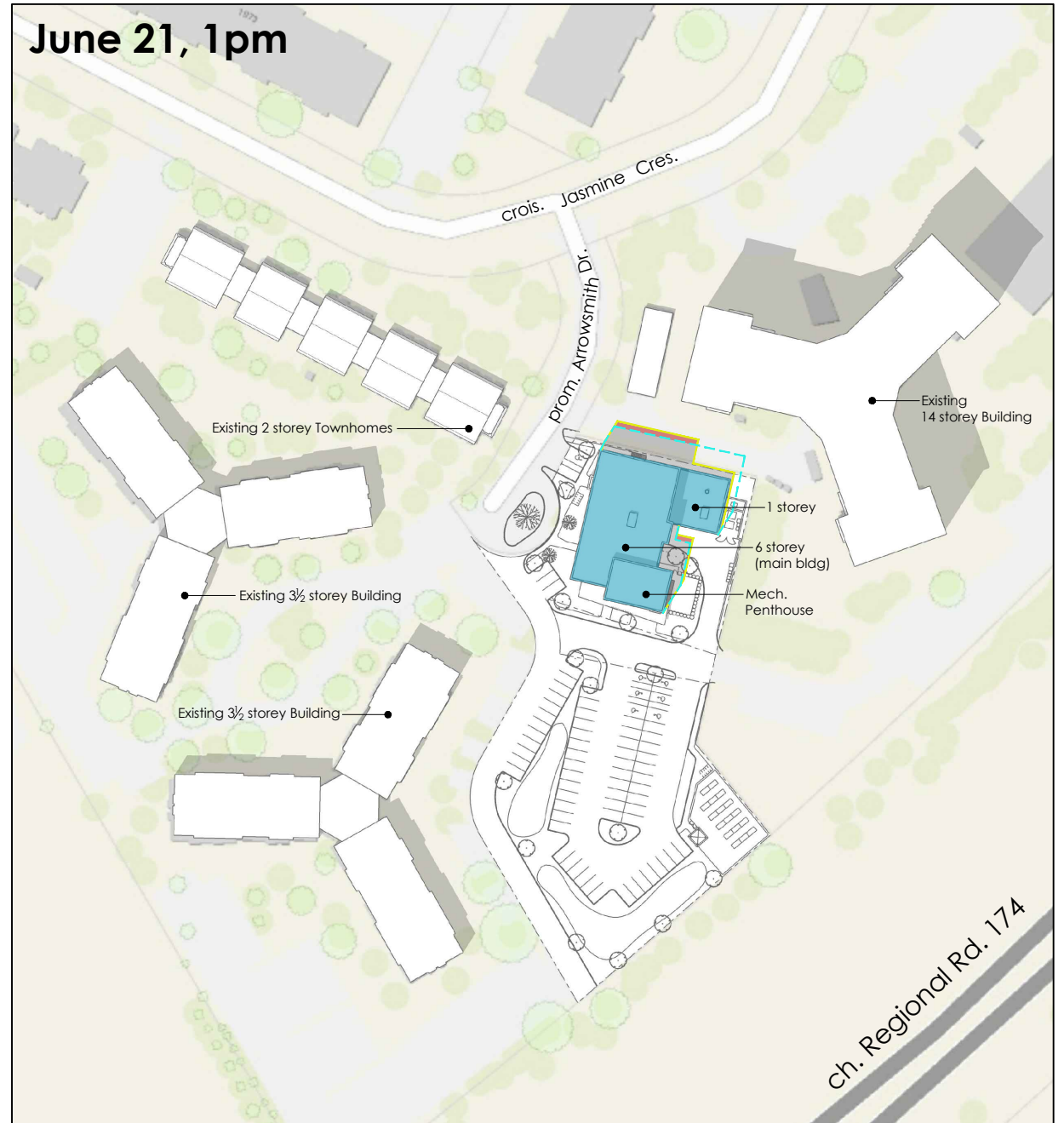
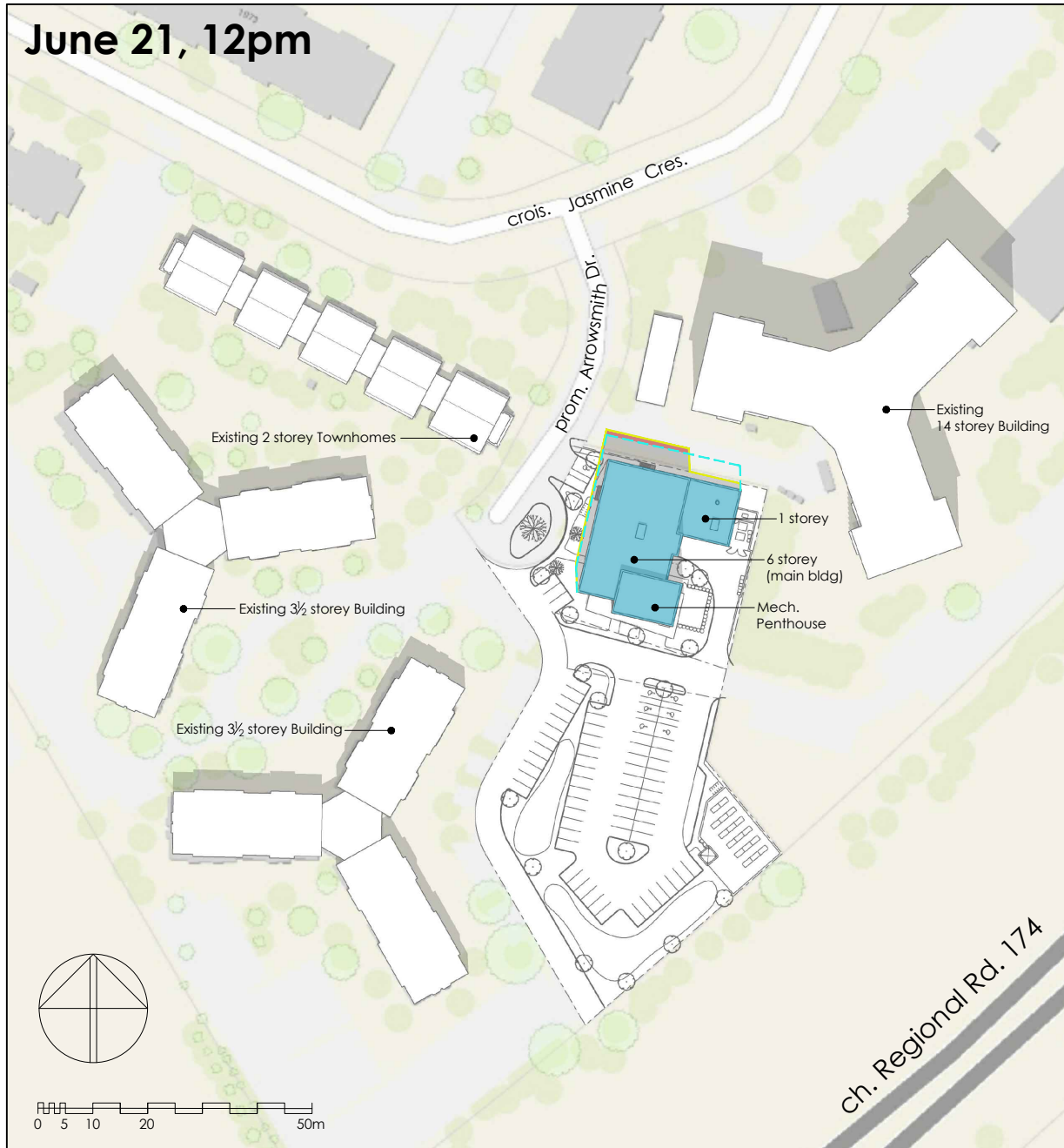


**WIGWAMEN**

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
 FIGURE: TEST TIME - JUNE 21 at 10am / 11am (UTC-05:00)



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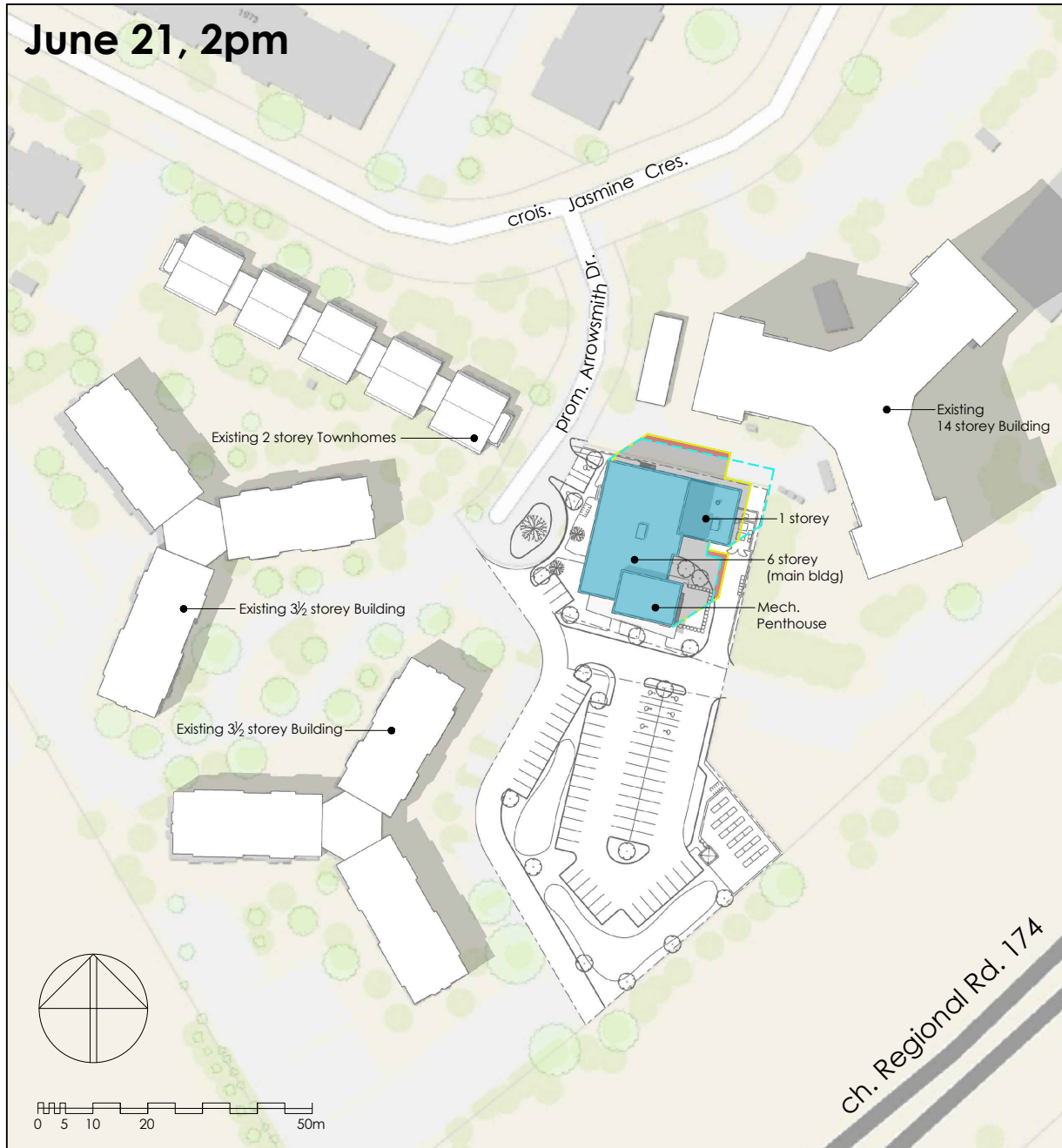
**WIGWAMEN**

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
 FIGURE: TEST TIME - JUNE 21 at 12pm / 1pm (UTC-05:00)

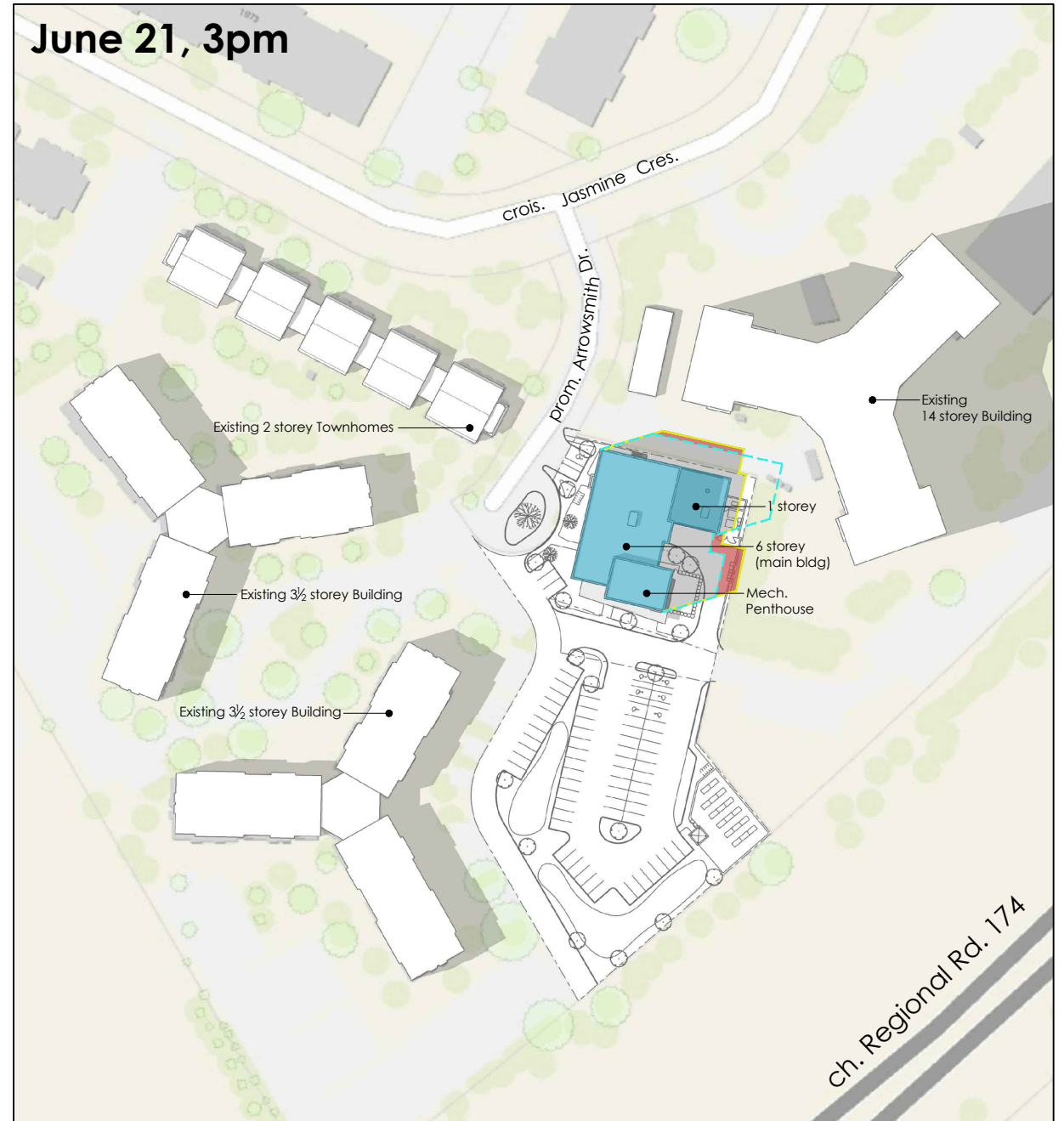


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June 21, 2pm



June 21, 3pm



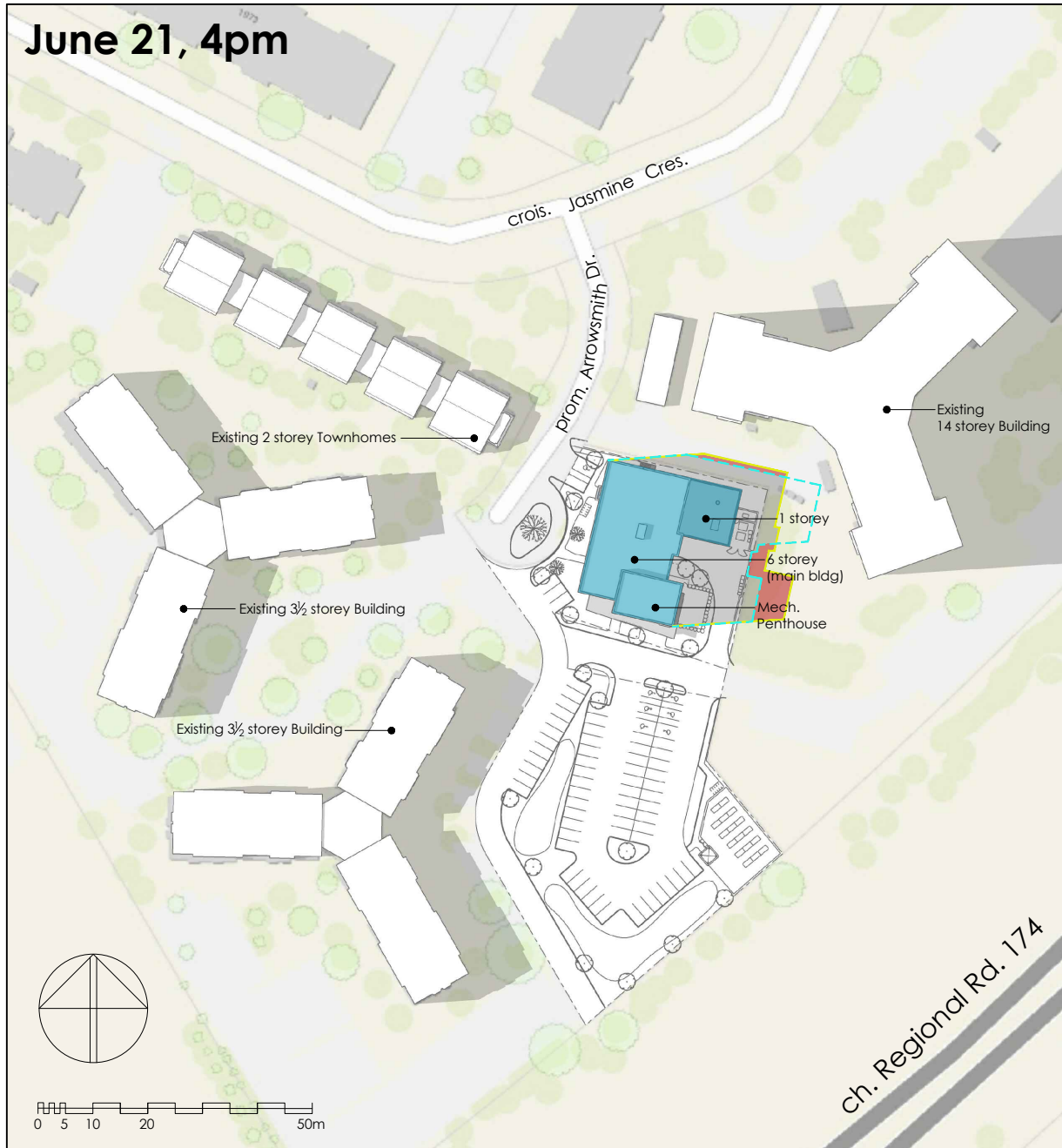
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - JUNE 21 at 2pm / 3pm (UTC-05:00)

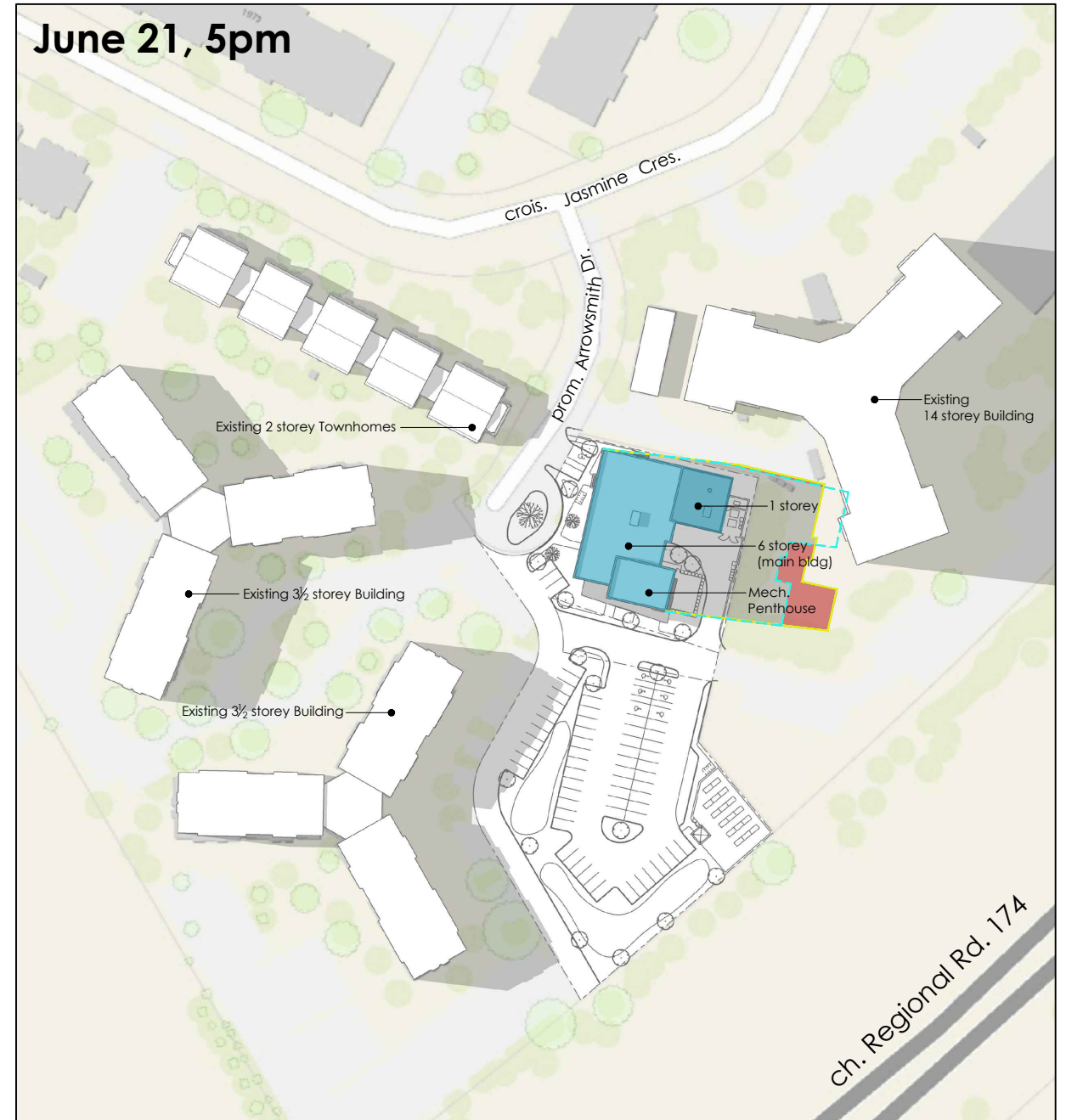


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June 21, 4pm



June 21, 5pm



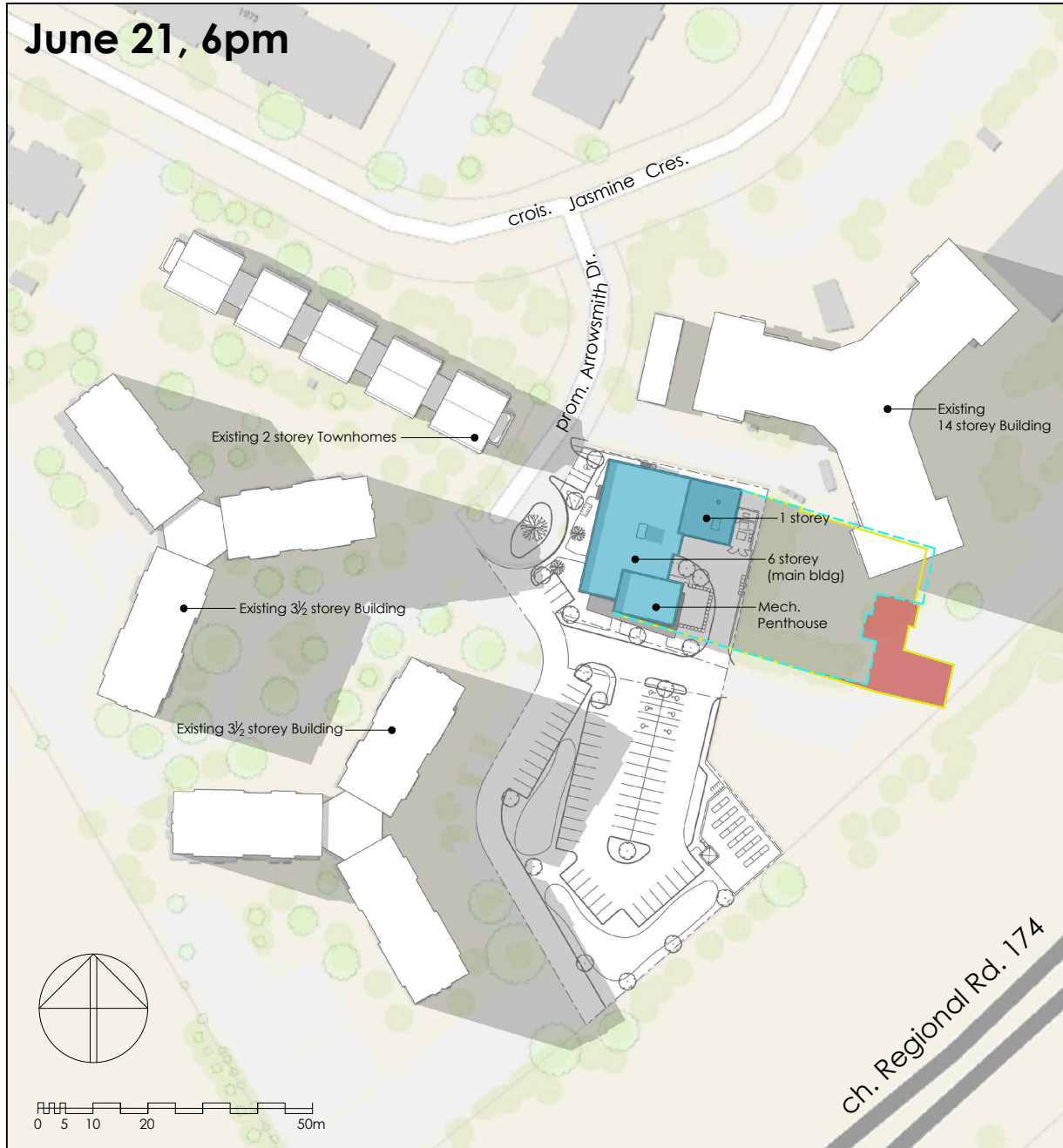
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - JUNE 21 at 4pm / 5pm (UTC-05:00)

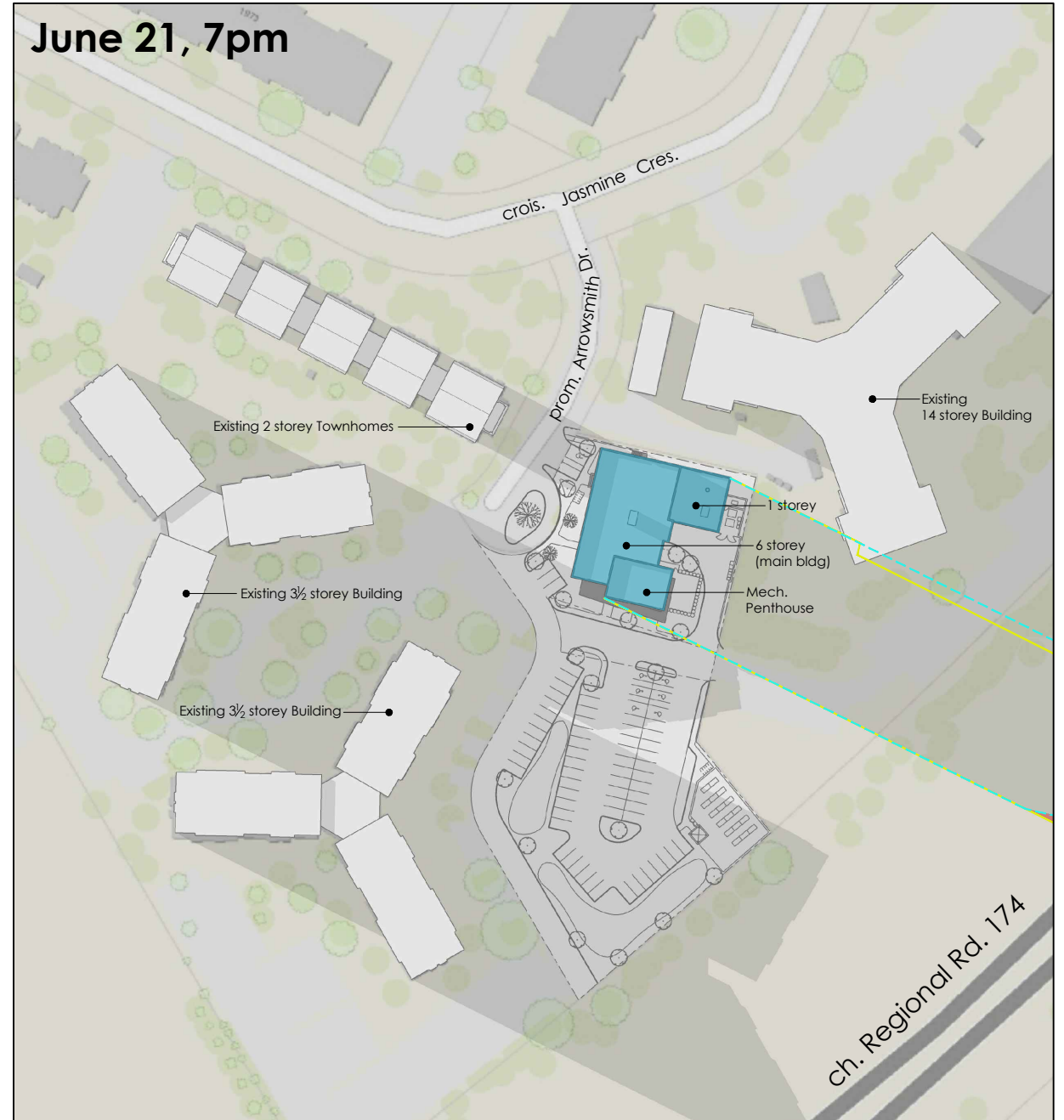


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June 21, 6pm



June 21, 7pm



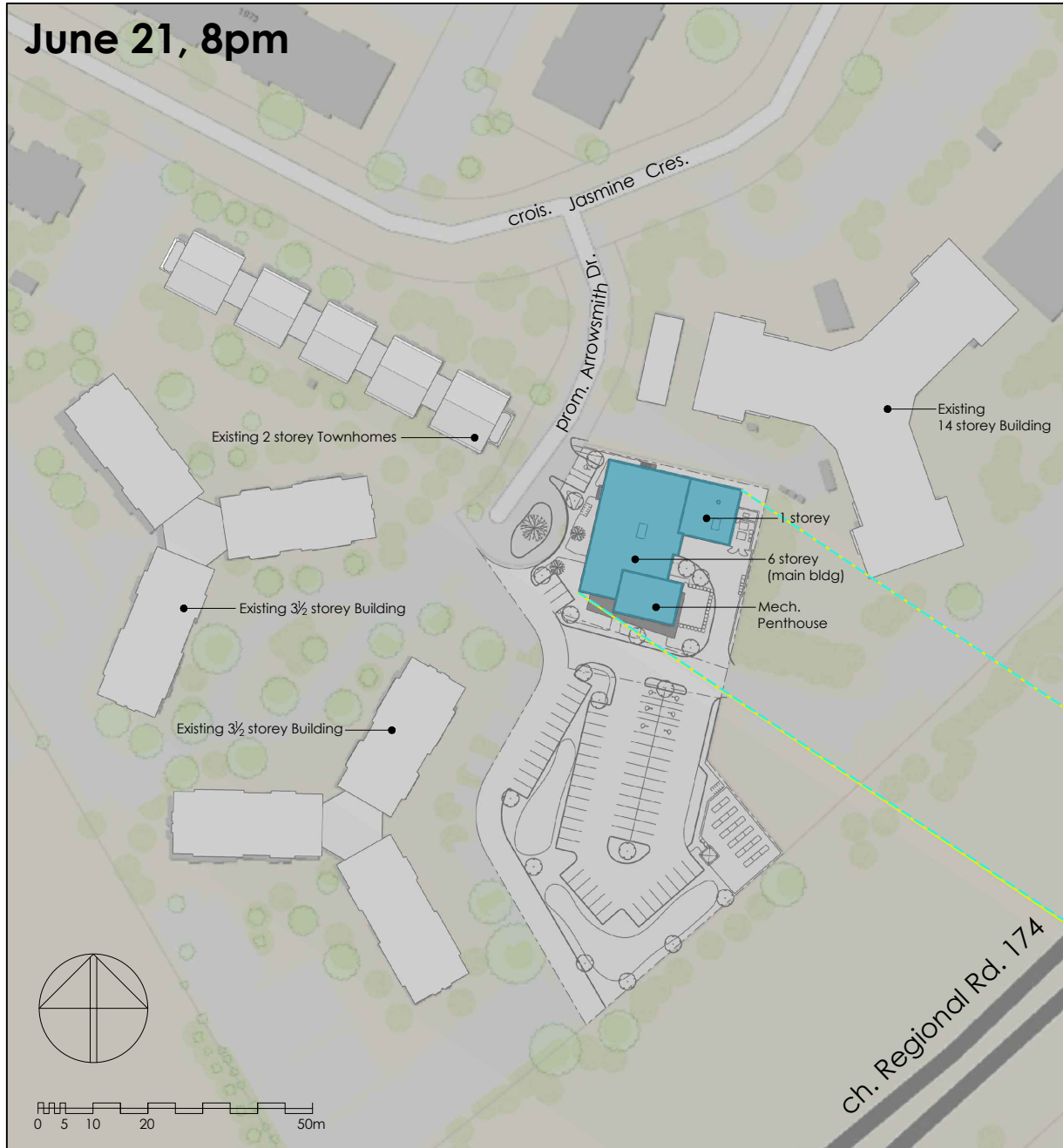
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - JUNE 21 at 6pm / 7pm (UTC-05:00)



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June 21, 8pm



# WIGWAMEN

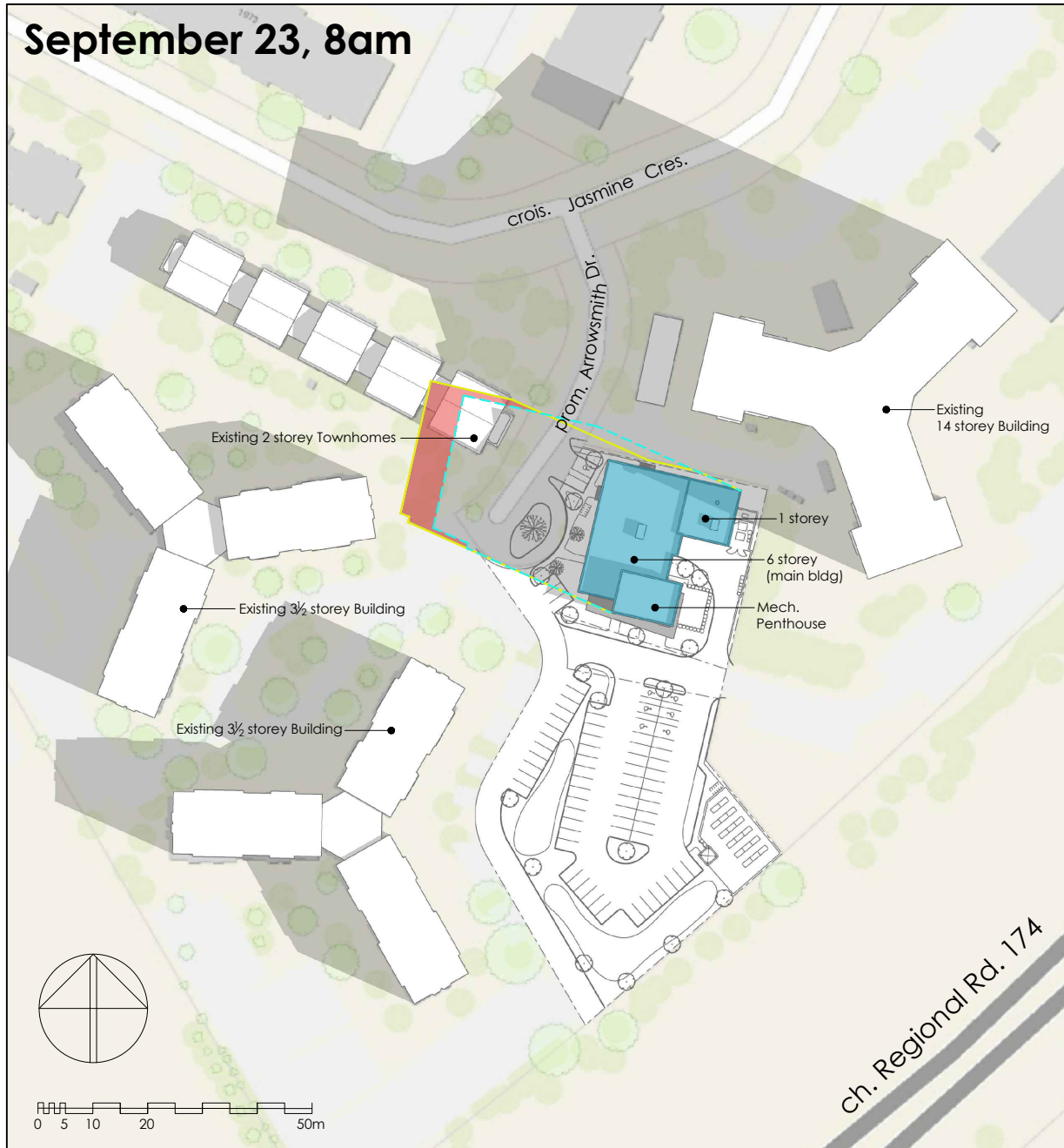
2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - JUNE 21 at 8pm (UTC-05:00)



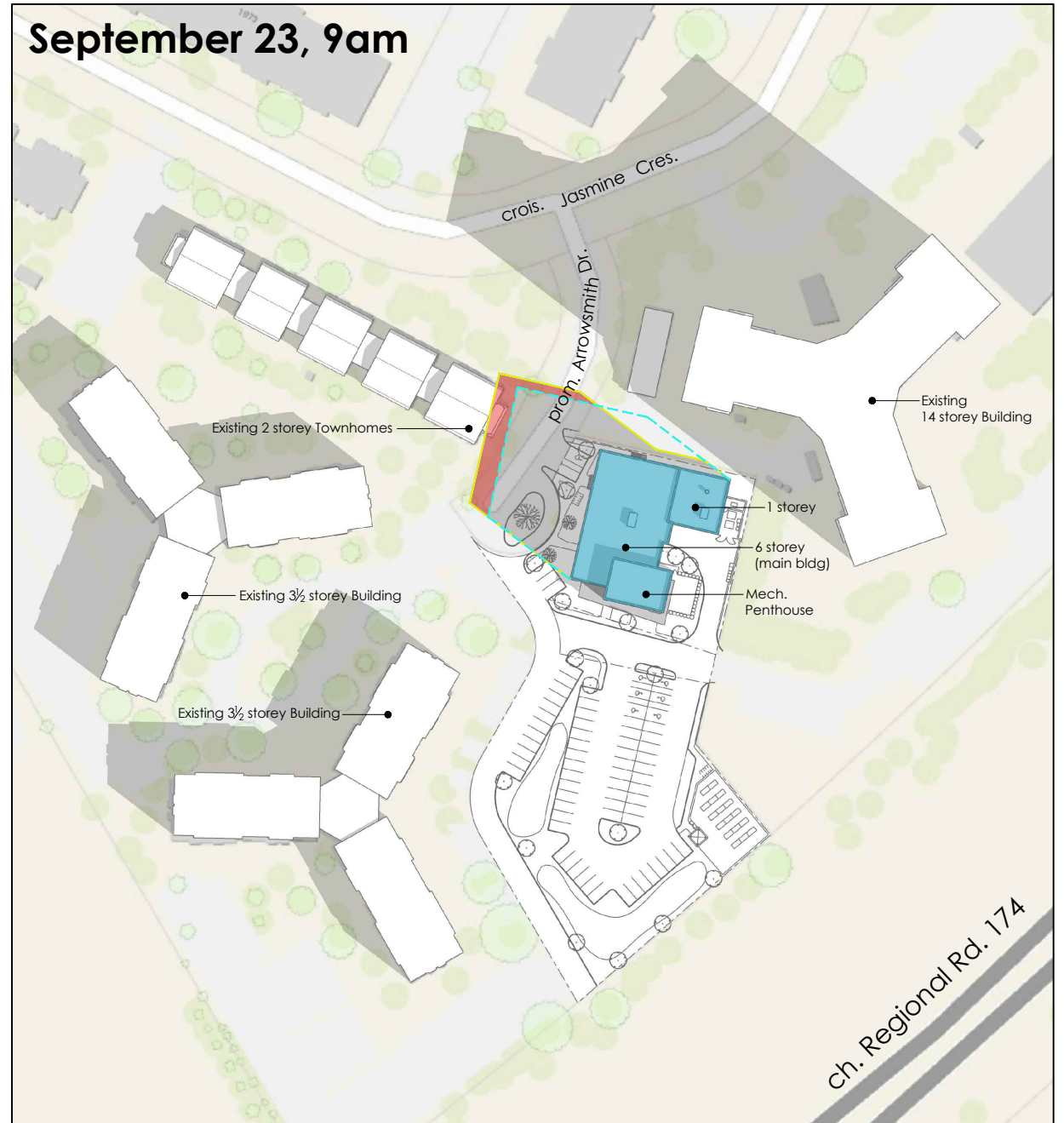
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September 23, 8am



September 23, 9am



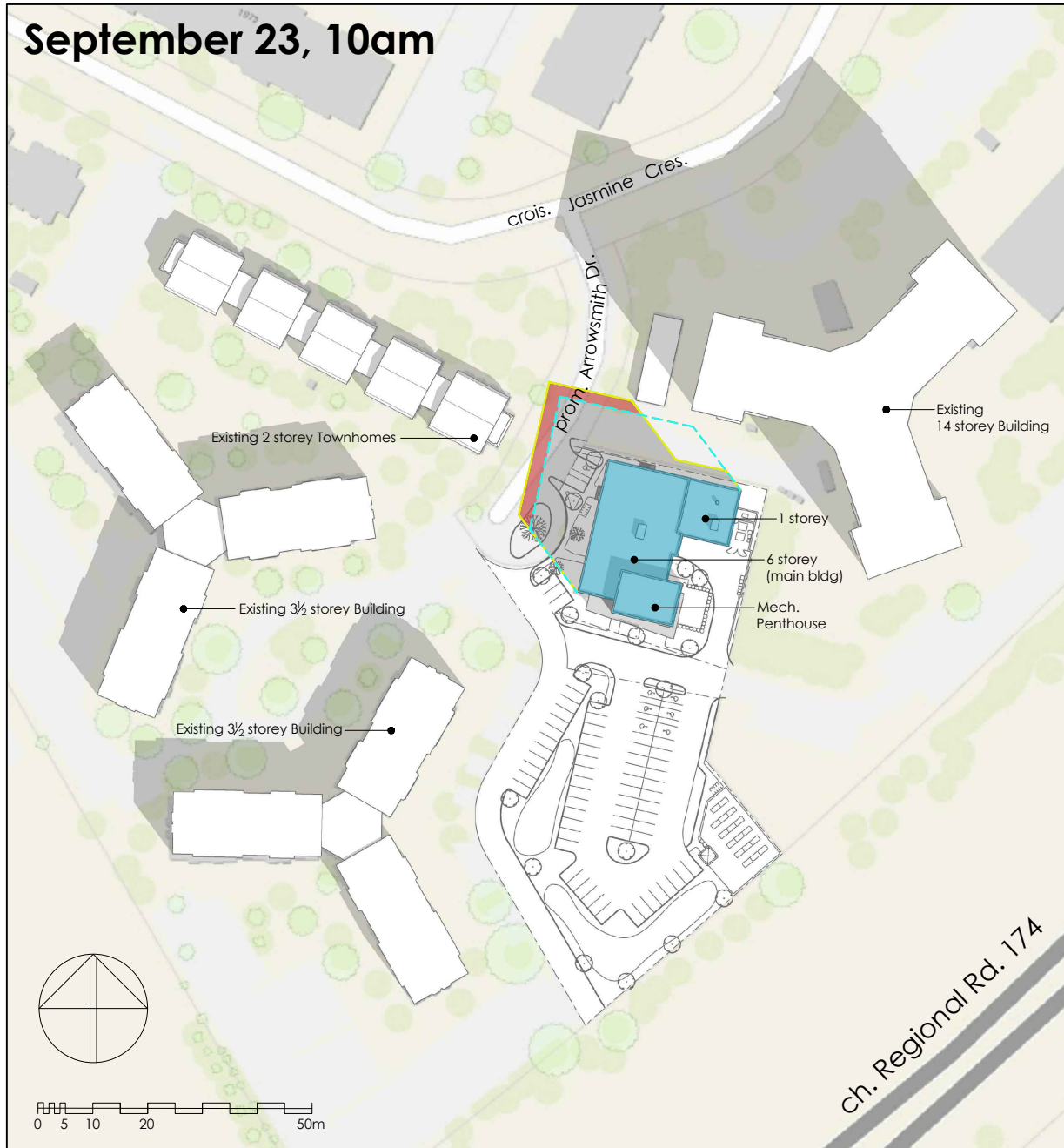
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - SEPTEMBER 23 at 8am / 9am (UTC-05:00)

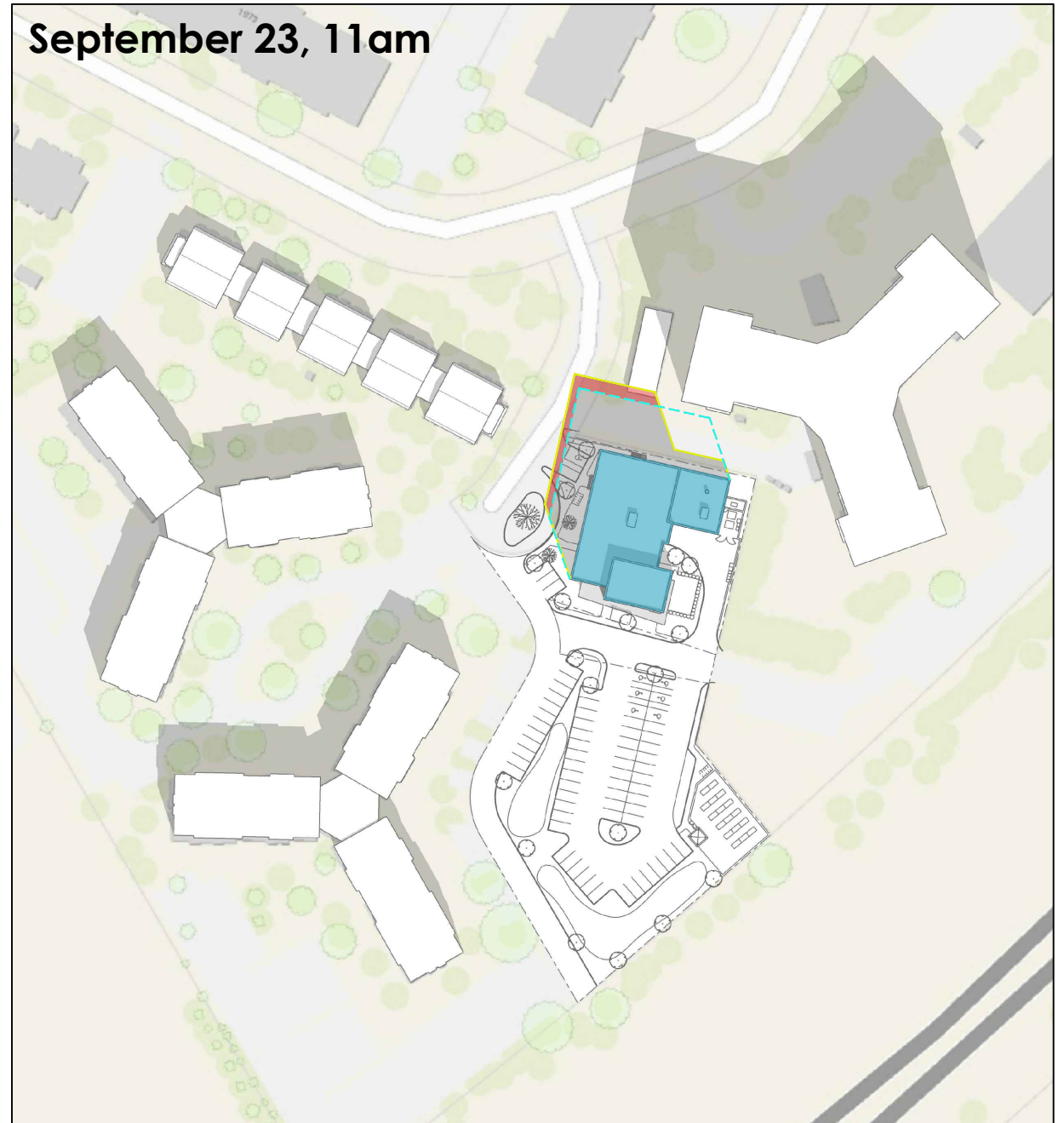


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September 23, 10am



September 23, 11am



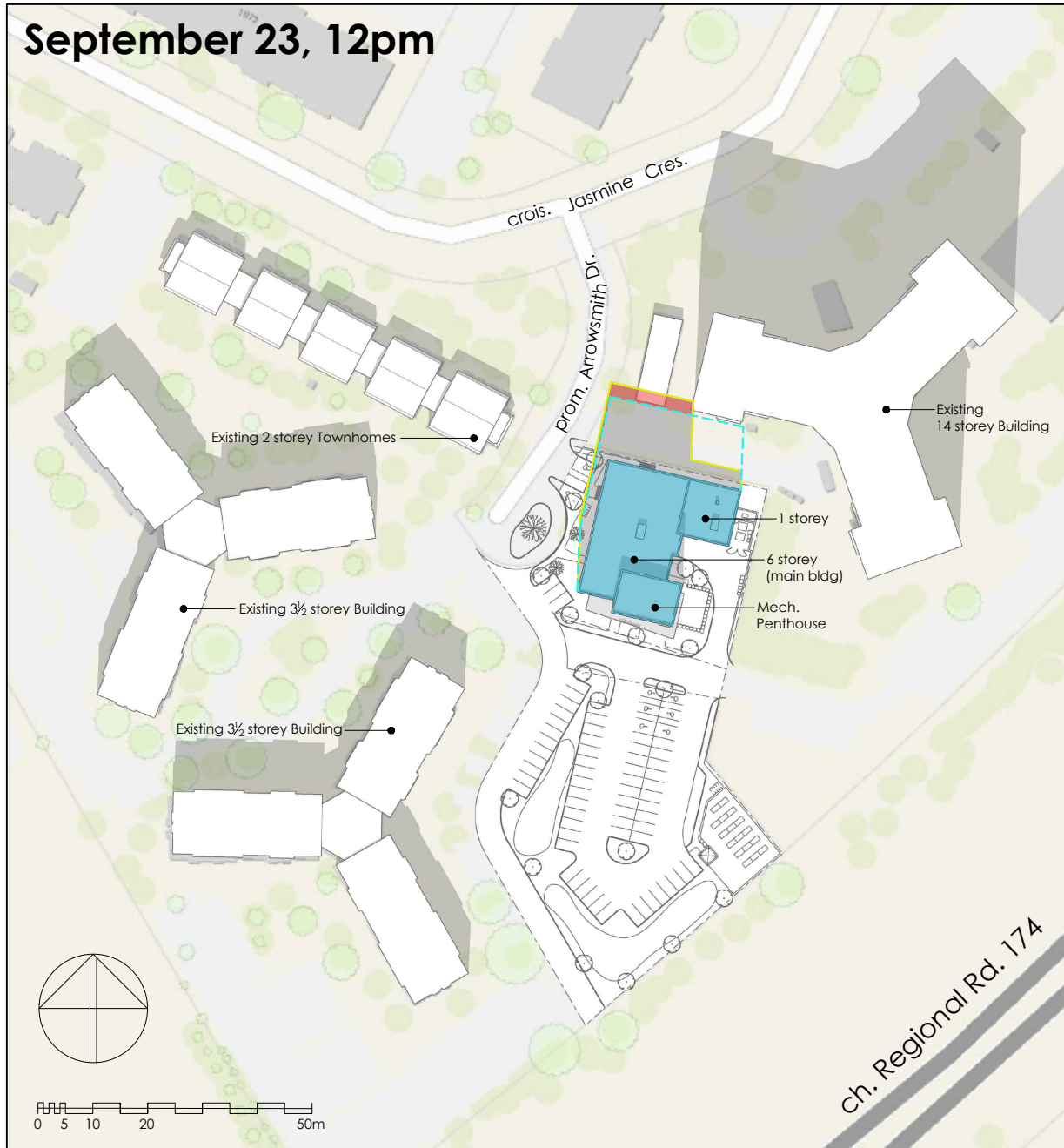
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - SEPTEMBER 23 at 10am / 11am (UTC-05:00)

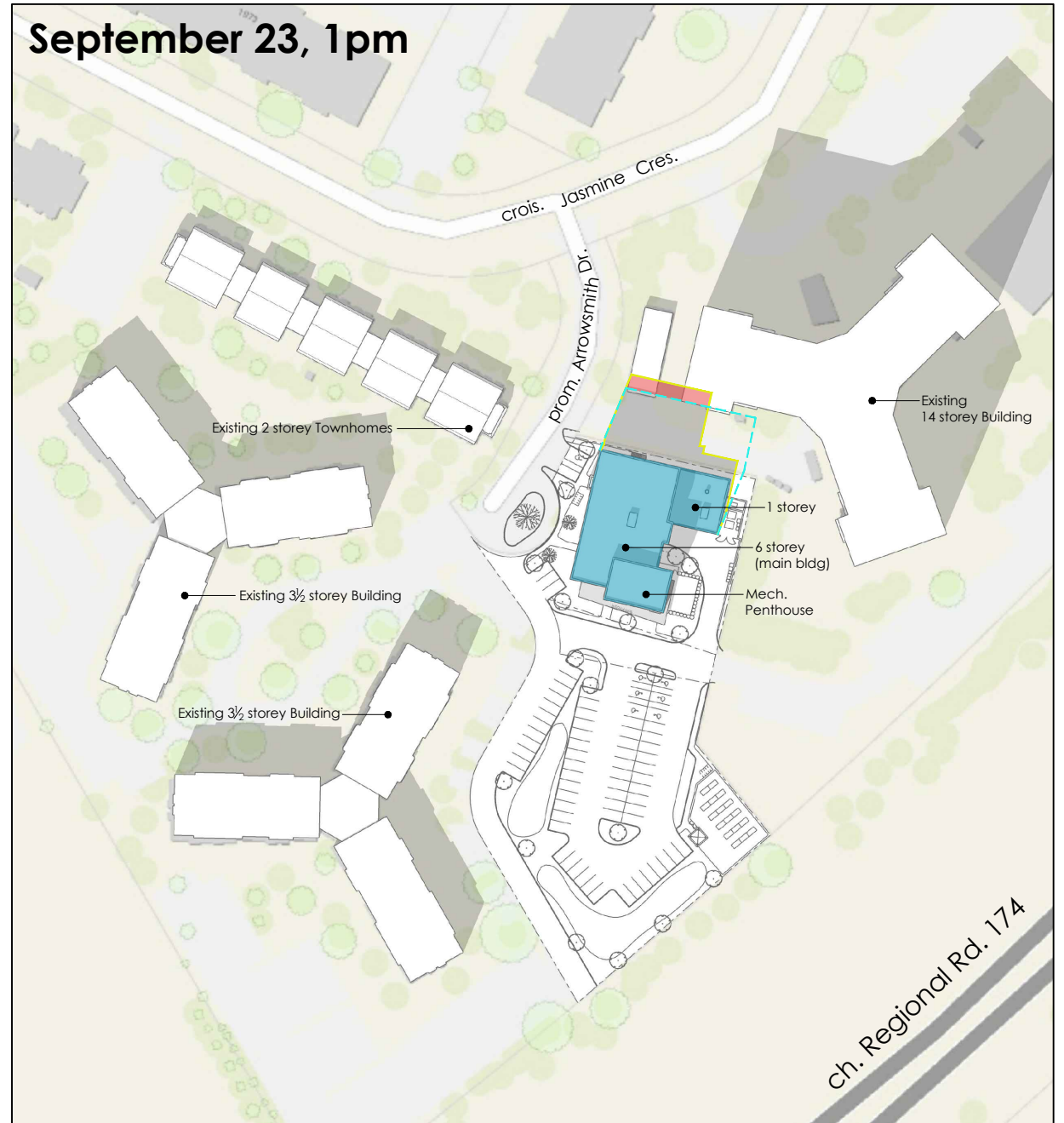


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September 23, 12pm



September 23, 1pm



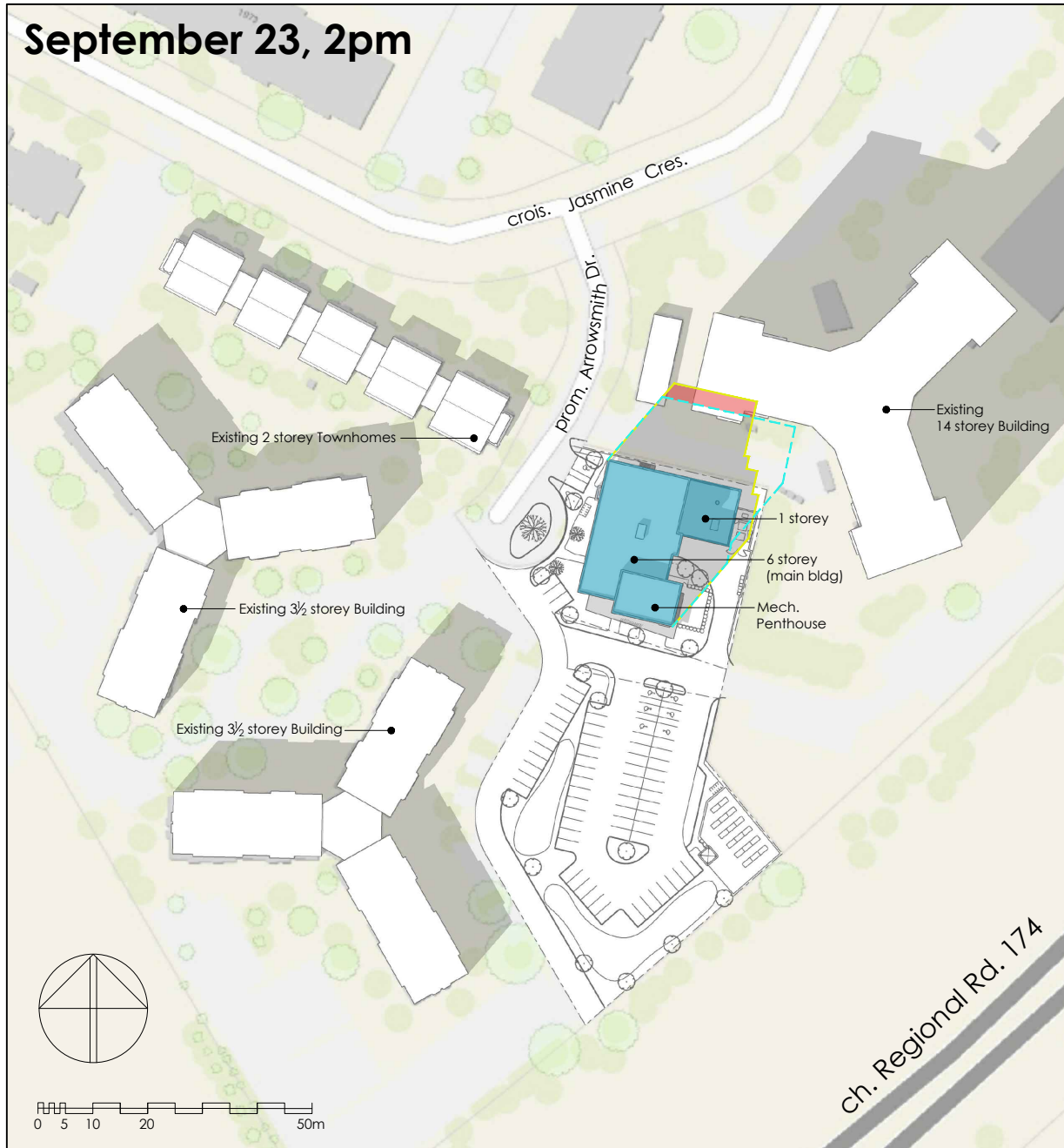
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2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - SEPTEMBER 23 at 12pm / 1pm (UTC-05:00)

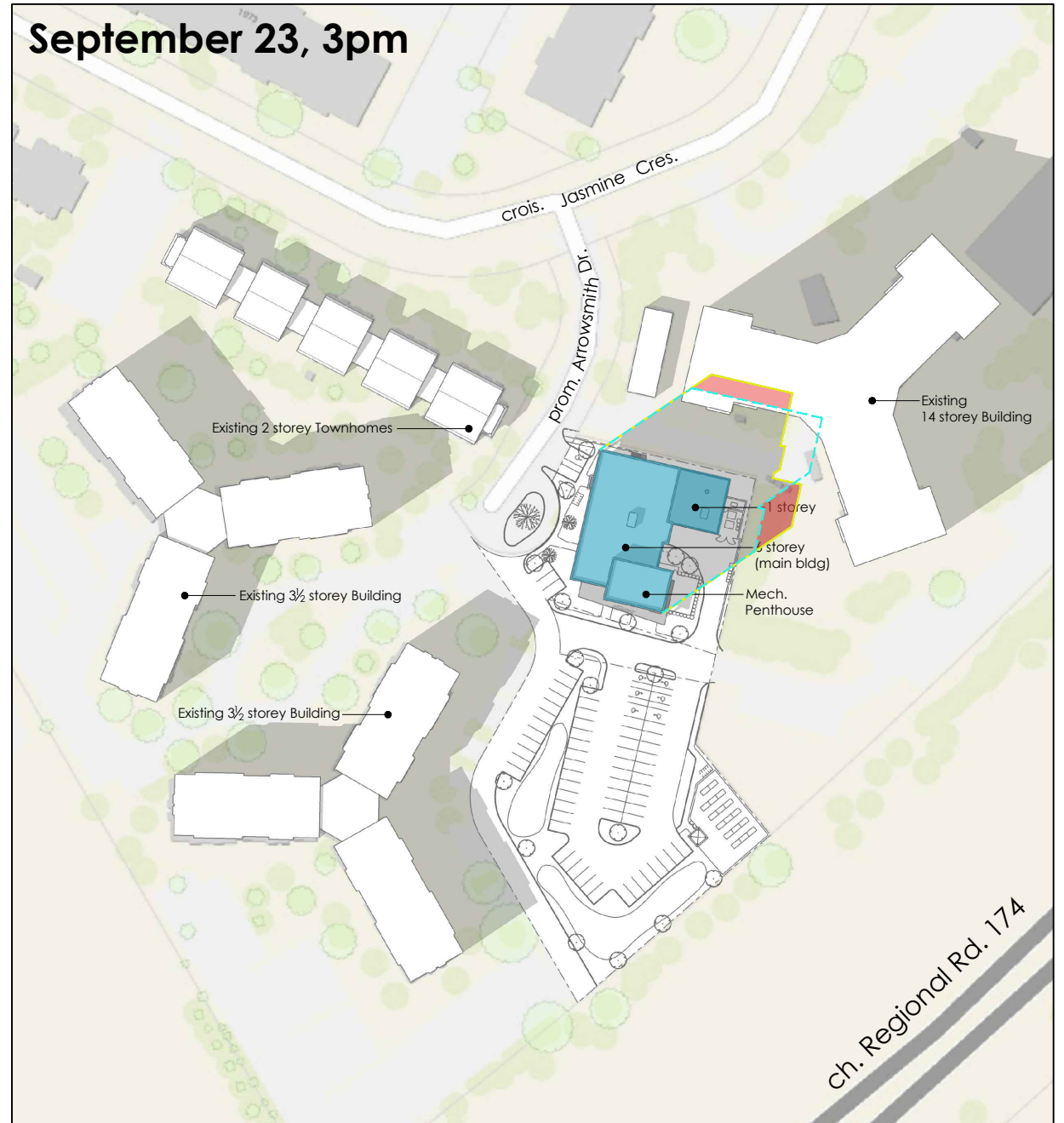


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September 23, 2pm



September 23, 3pm



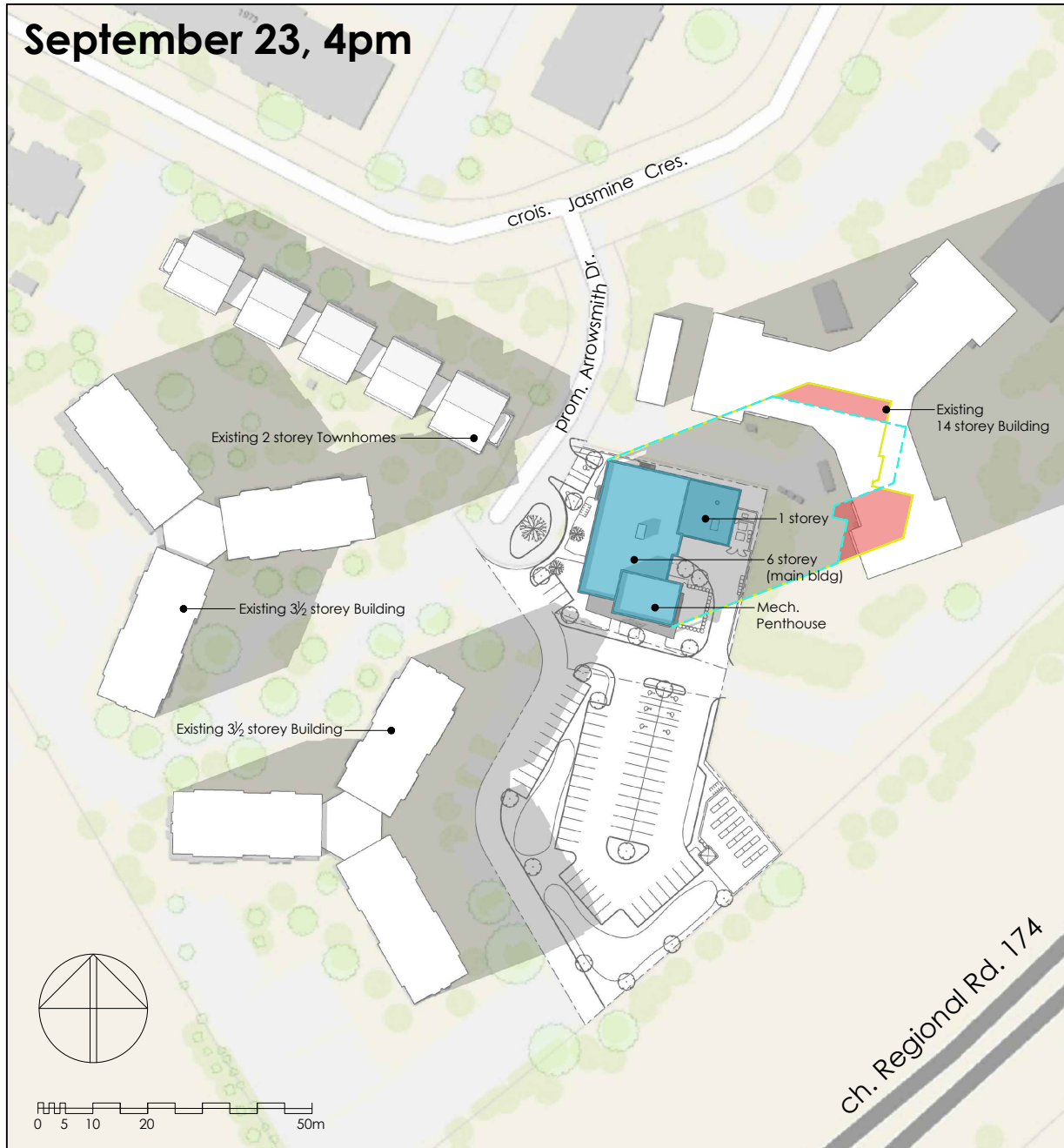
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - SEPTEMBER 23 at 2pm / 3pm (UTC-05:00)

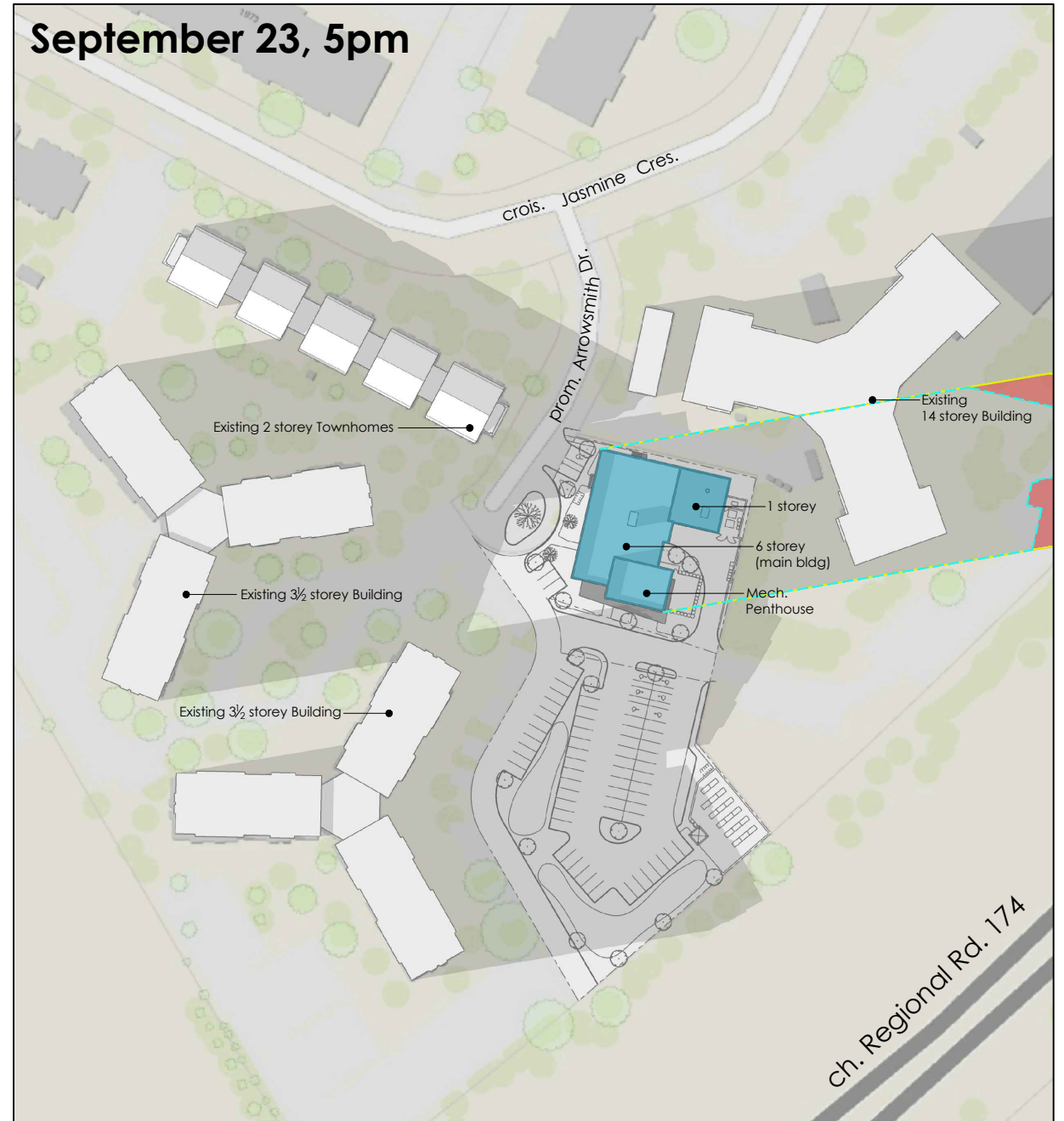


**Vandenberg & Wildeboer**  
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September 23, 4pm



September 23, 5pm



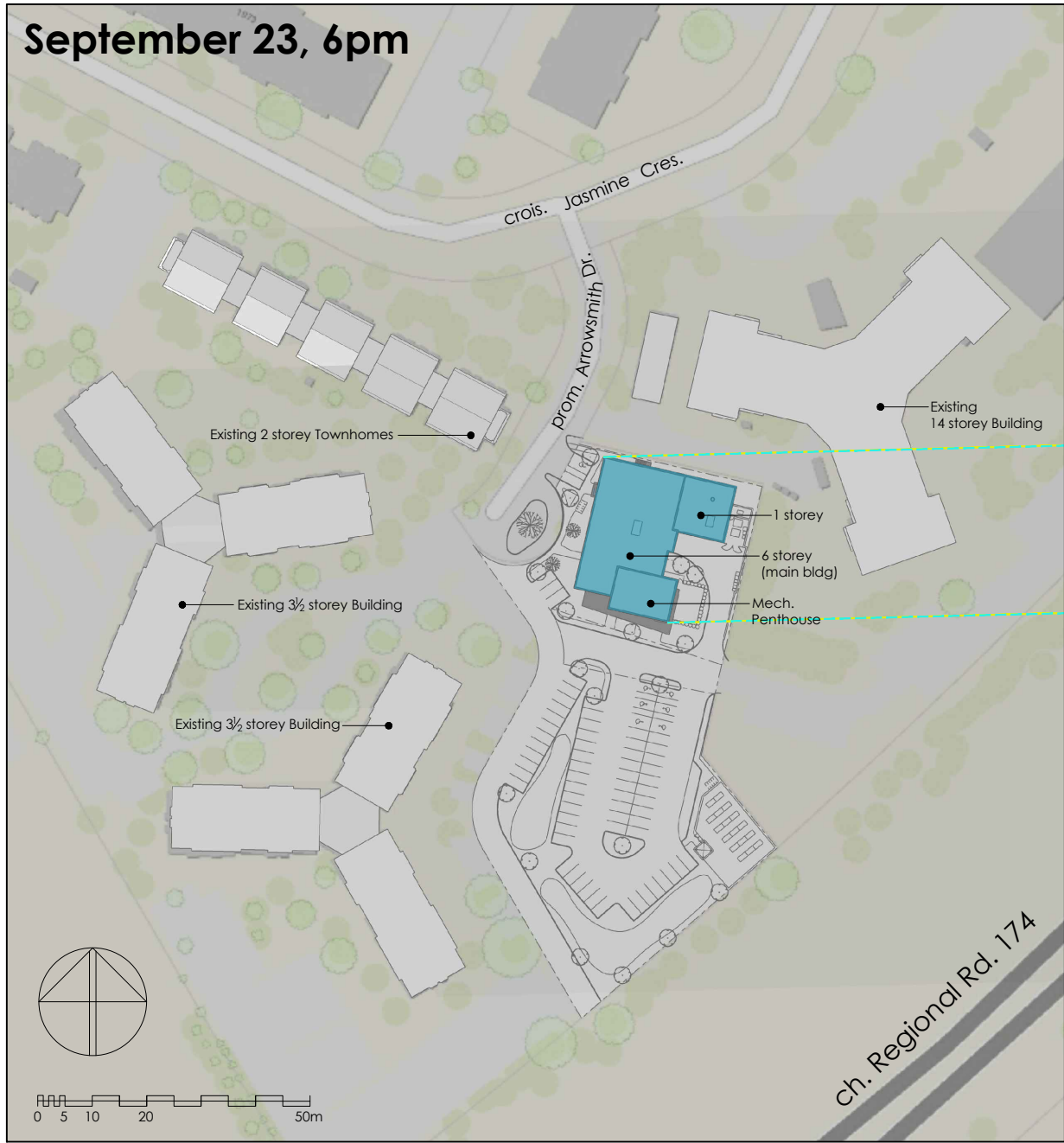
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - SEPTEMBER 23 at 4pm / 5pm (UTC-05:00)



**Vandenberg & Wildeboer**  
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September 23, 6pm



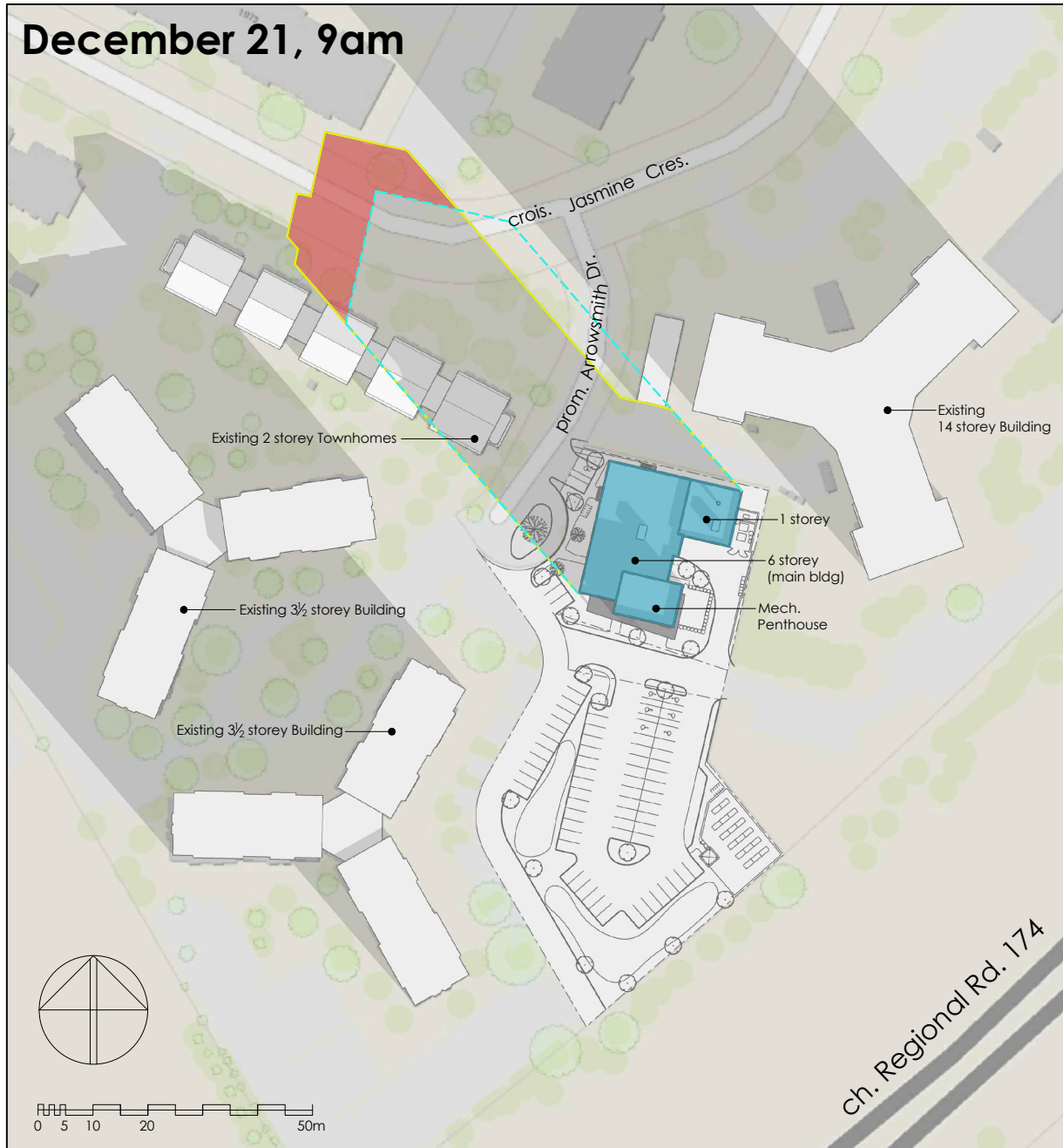
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - SEPTEMBER 23 at 6pm (UTC-05:00)

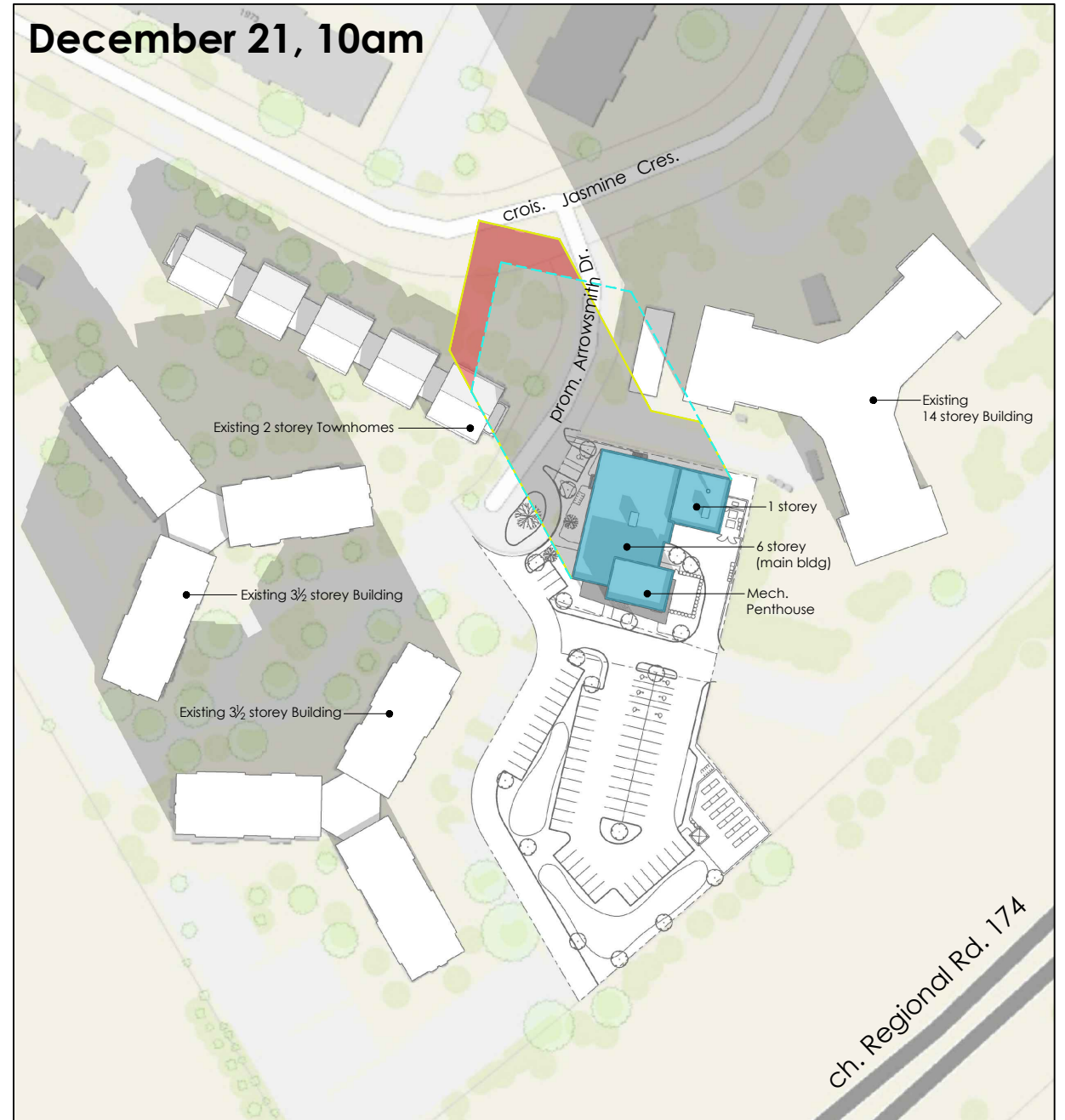


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December 21, 9am



December 21, 10am



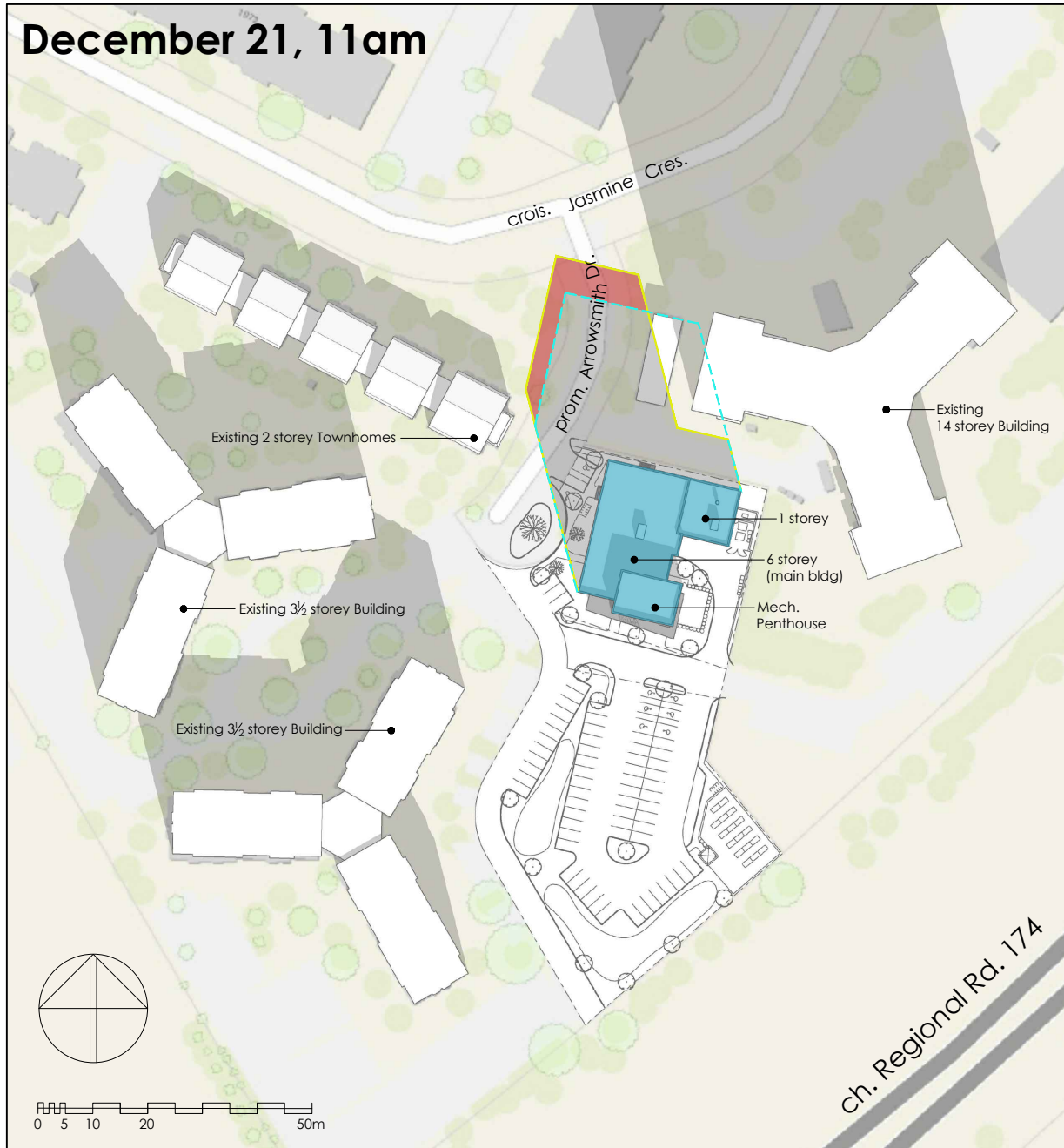
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - DECEMBER 21 at 9am / 10am (UTC-05:00)

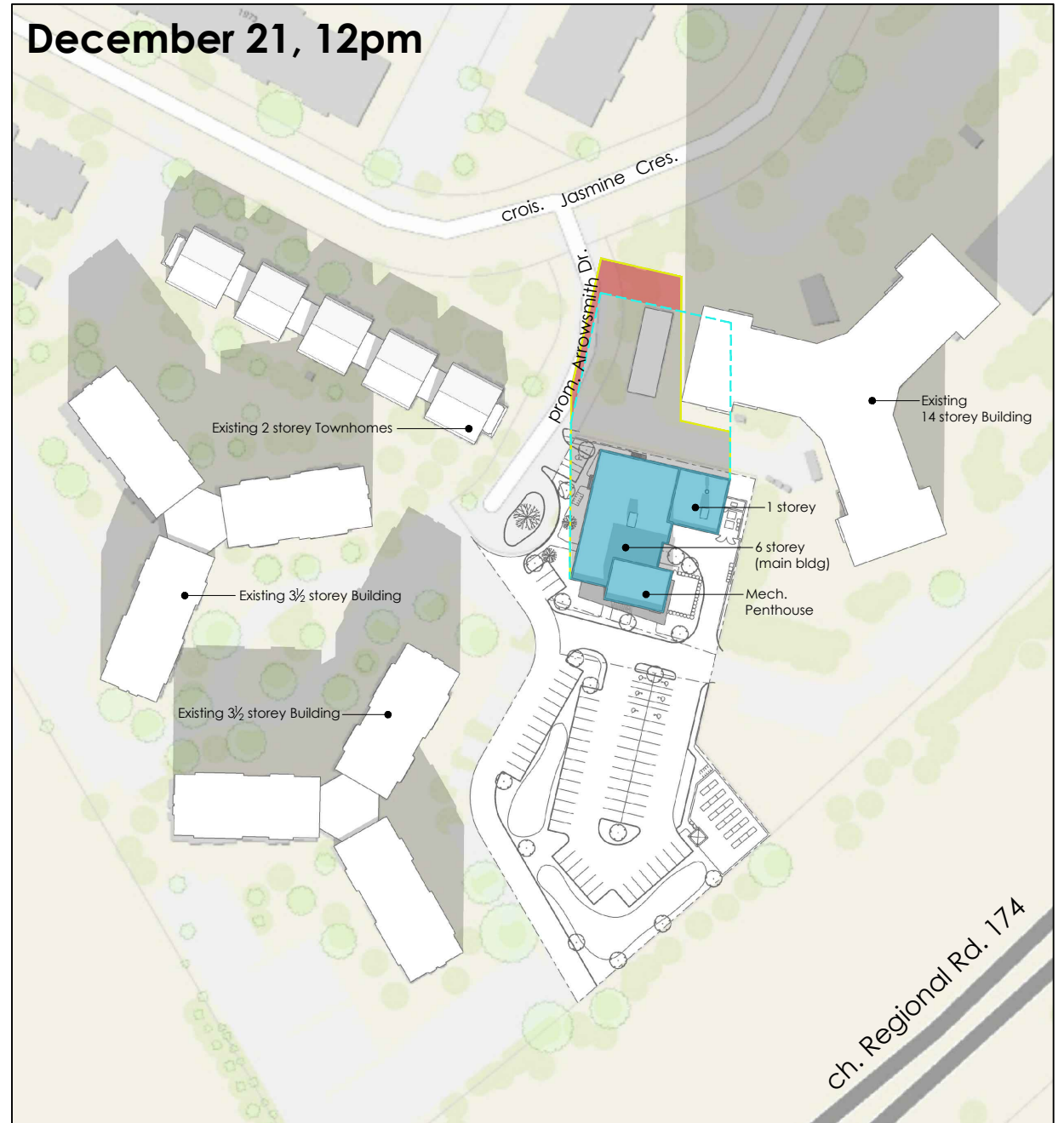


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December 21, 11am



December 21, 12pm



# WIGWAMEN

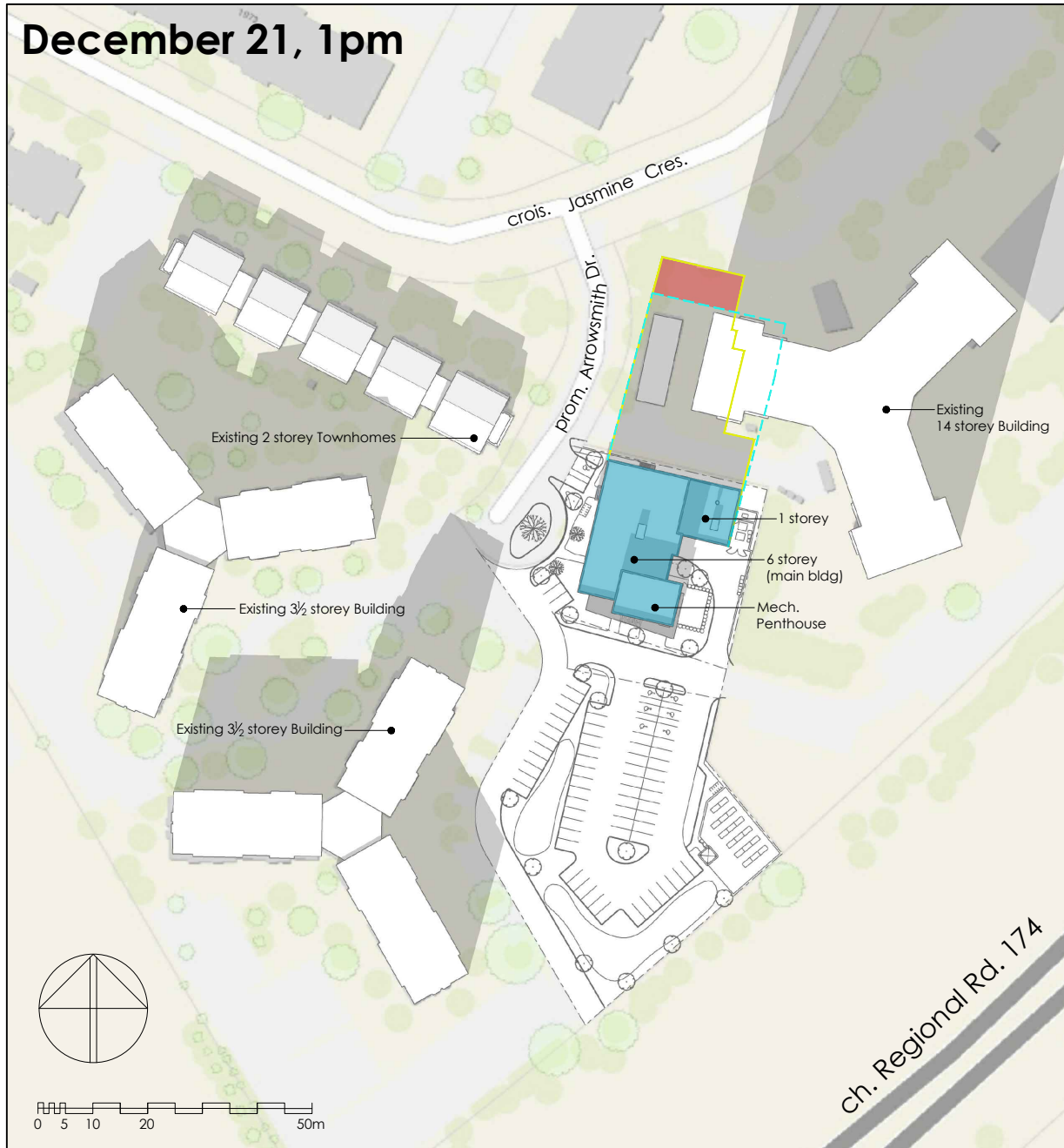
2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - DECEMBER 21 at 11am / 12pm (UTC-05:00)



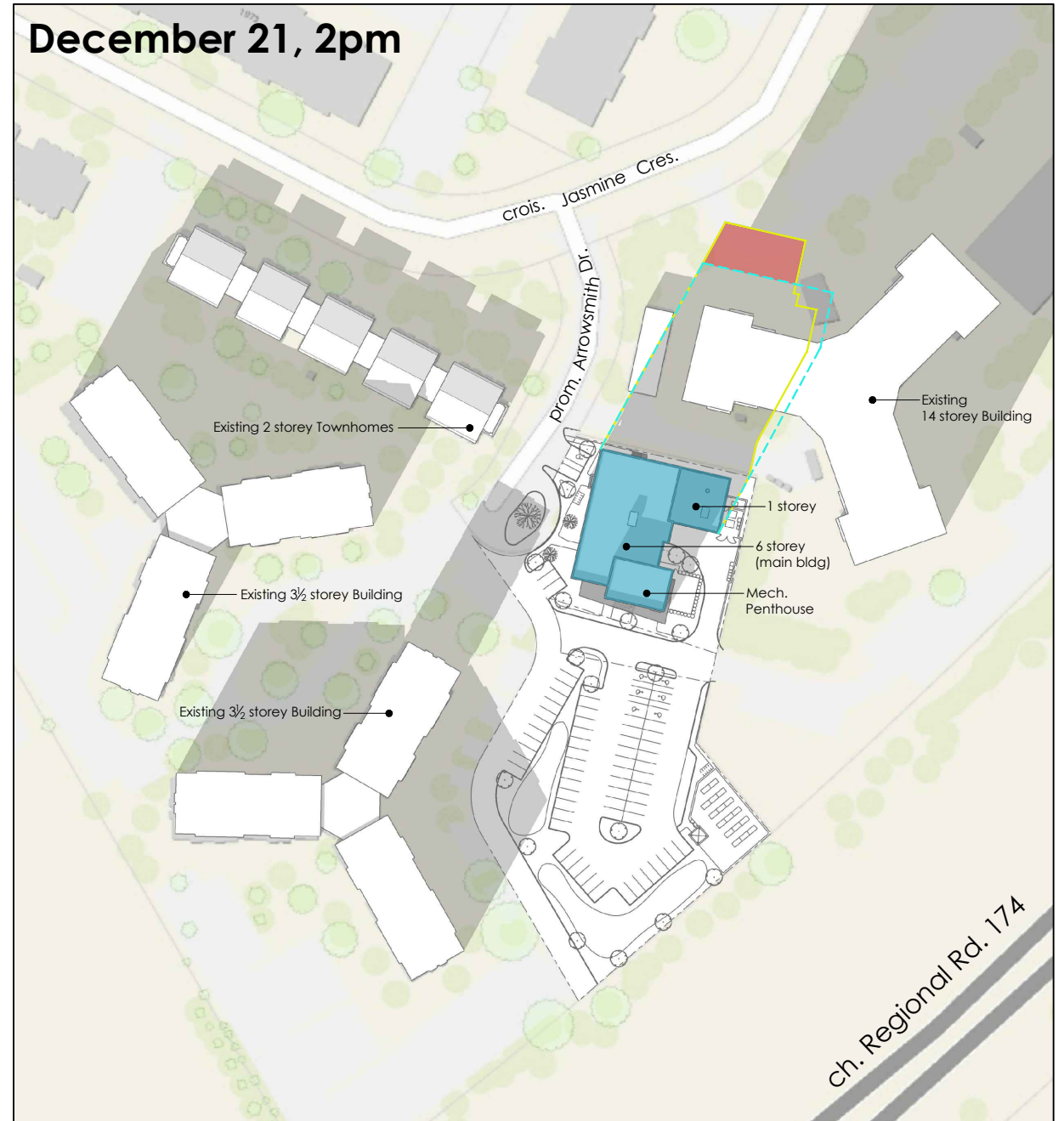
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December 21, 1pm



December 21, 2pm



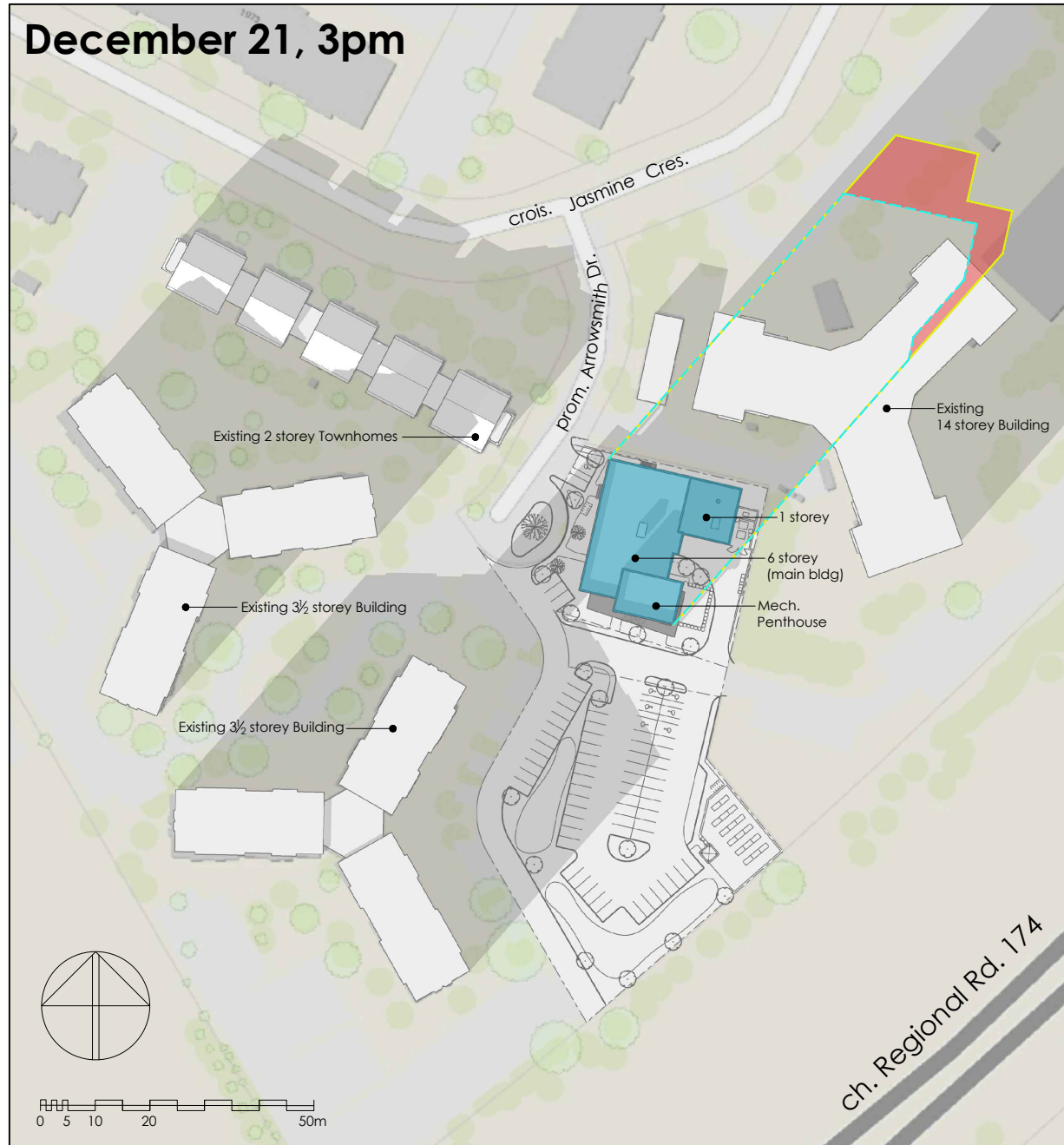
# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - DECEMBER 21 at 1pm / 2pm (UTC-05:00)



**Vandenberg & Wildeboer**  
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December 21, 3pm



# WIGWAMEN

2040 ARROWSMITH - TOP VIEW SHADOW STUDY  
FIGURE: TEST TIME - DECEMBER 21 at 3pm (UTC-05:00)



Vandenberg & Wildeboer  
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