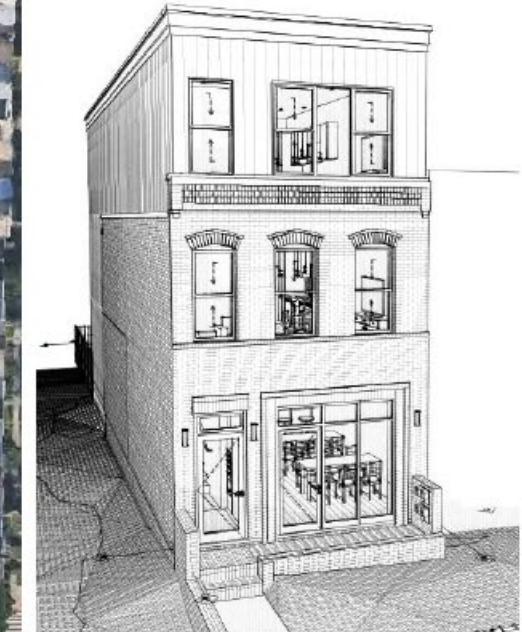
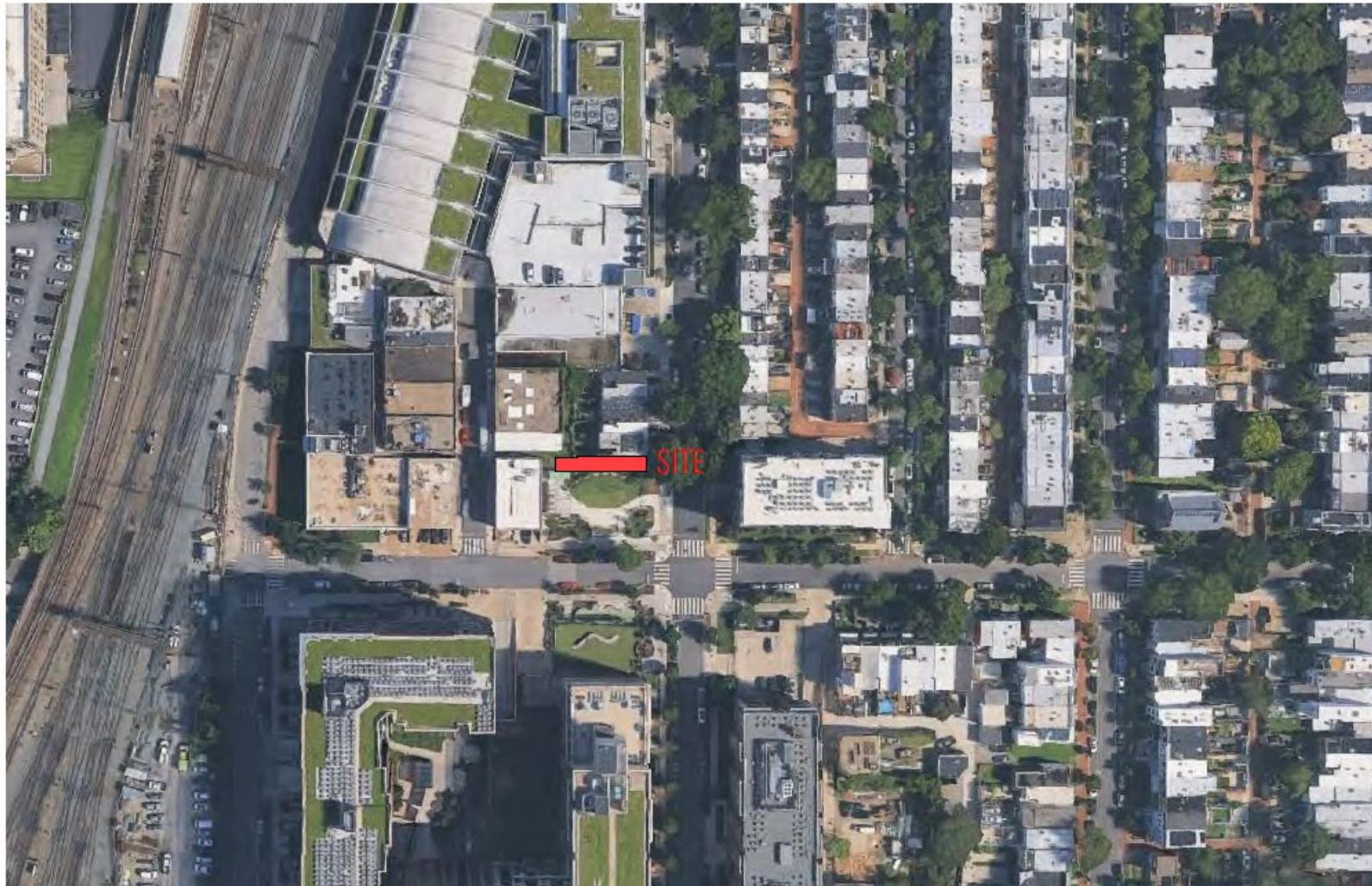


1106 3RD ST NE

SHADOW STUDY

11/24/2025



SHEET INDEX	
ID	NAME
SD01	COVER SHEET
SD02	NARRATIVE
SD03	SHADOW ANALYSIS - SPRING/FALL EXISTING
SD04	SHADOW ANALYSIS - SPRING/FALL PROPOSED
SD05	SHADOW ANALYSIS - SUMMER EXISTING
SD06	SHADOW ANALYSIS - SUMMER PROPOSED
SD07	SHADOW ANALYSIS - WINTER EXISTING
SD08	SHADOW ANALYSIS - WINTER PROPOSED

Board of Zoning Adjustment

District of Columbia

CASE NO. 21381

EXHIBIT NO. 27B

SD01

1106 3RD ST NE, WASHINGTON, DC
COVER SHEET

11/24/2025

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NARRATIVE

EMOTIVE ARCHITECTURE HAS COMPLETED AN ANALYSIS OF THE POTENTIAL SHADOW IMPACTS ASSOCIATED WITH THE PROPOSED ADDITION AND EXTENSION AT 1106 3RD ST NE, WASHINGTON, DC.

THE STUDY EVALUATED TWO SCENARIOS:

SCENARIO 1 – EXISTING CONDITIONS: SHADOWS CAST BY THE CURRENT BUILDINGS.

SCENARIO 2 – PROPOSED CONDITIONS: ADDITIONAL SHADOWS RESULTING FROM THE PROPOSED ADDITION AND EXTENSION.

THE SHADOW ANALYSIS INCLUDED THE ADJACENT TOWNHOMES ALONG 3RD STREET, THE WASHINGTON INTERN NETWORK BUILDING, AND THE PROPERTY AT 1109 CONGRESS ST NE.

SHADOWS WERE STUDIED FROM 8:00 AM TO 6:00 PM AT TWO-HOUR INTERVALS ACROSS THE SPRING/FALL, SUMMER, AND WINTER SEASONS.

SD02

1106 3RD ST NE, WASHINGTON, DC
NARRATIVE

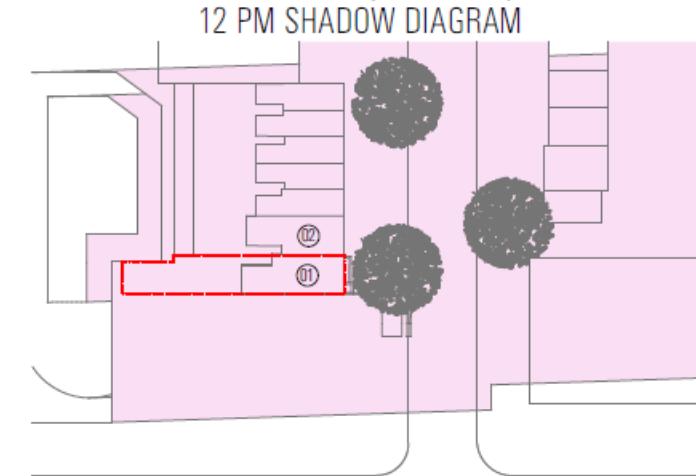
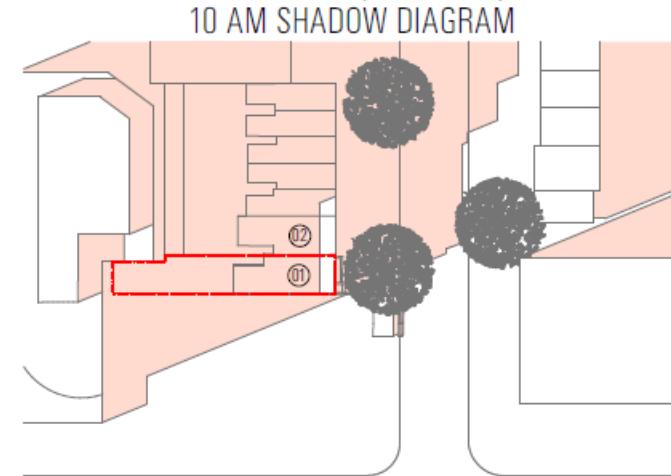
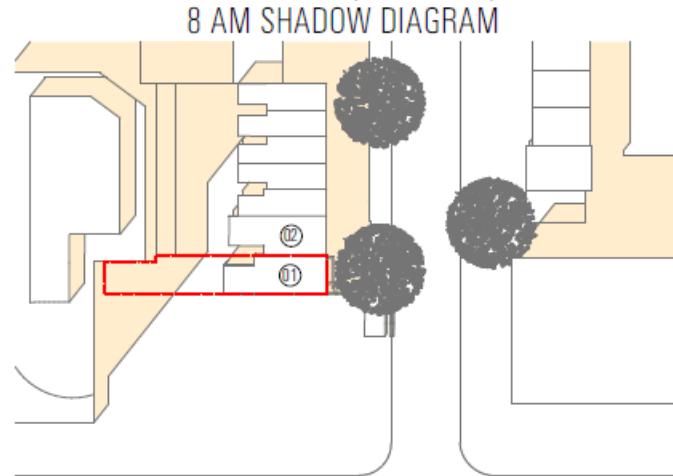
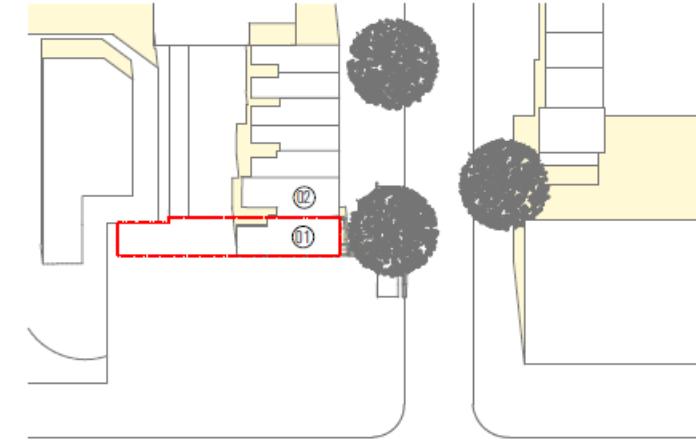
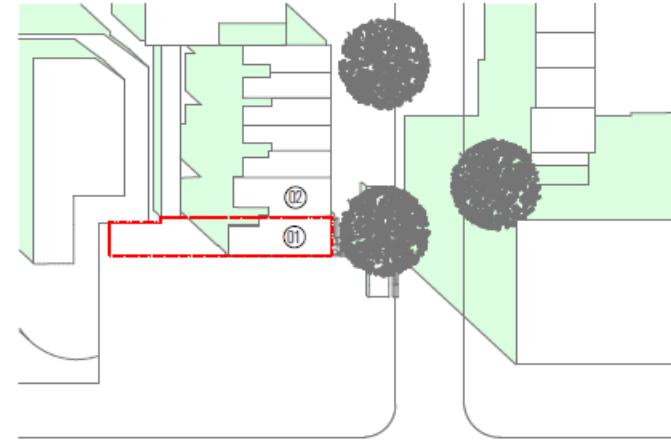
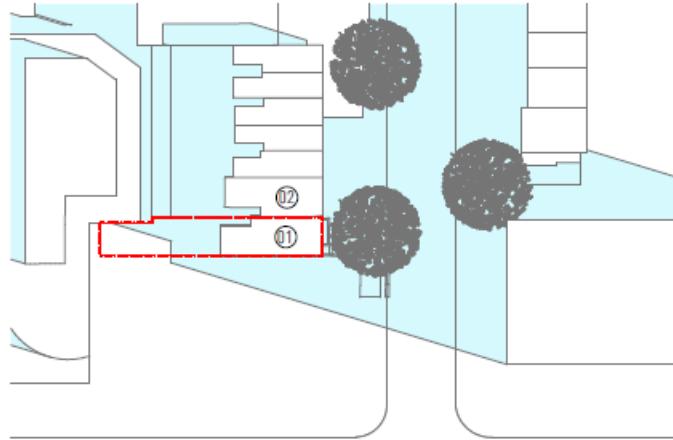
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SHADOW ANALYSIS - SPRING/ FALL EXISTING

THIS SUN STUDY IMAGES WERE CONDUCTED FROM 08:00:00 AM TO 06:00:00 PM ON MARCH 21 IN 2 HOUR INCREMENTS



LEGEND: ① - 1106 3RD ST NE, ② - 1108 3RD ST NE

SD03 | 1106 3RD ST NE, WASHINGTON, DC
SHADOW ANALYSIS - SPRING/ FALL EXISTING

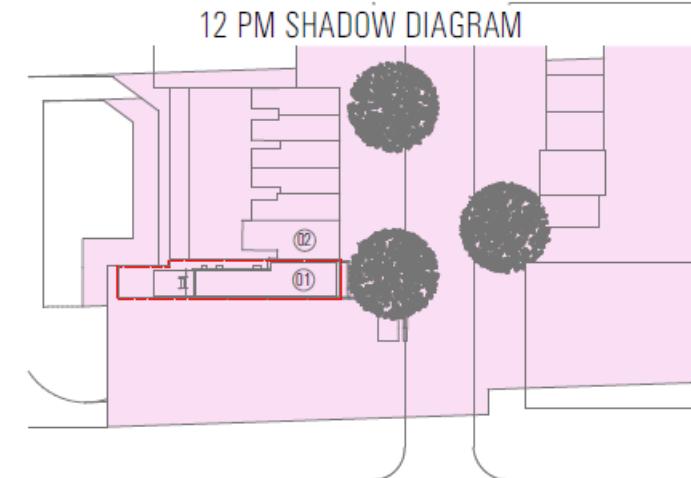
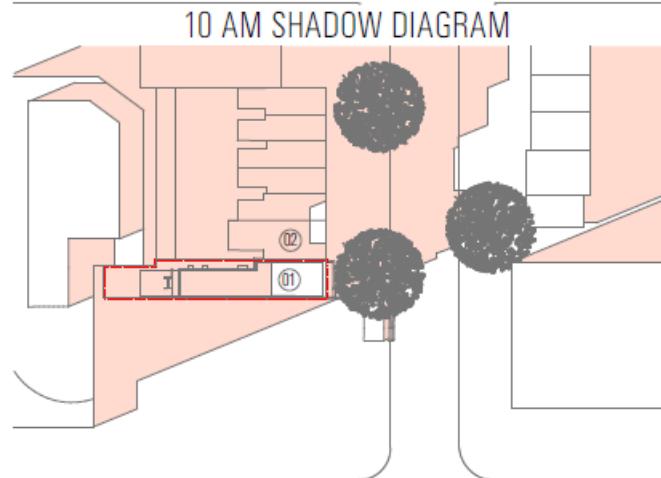
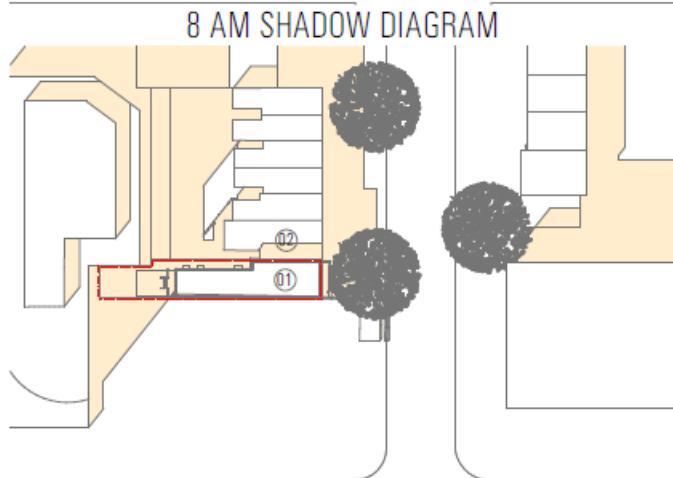
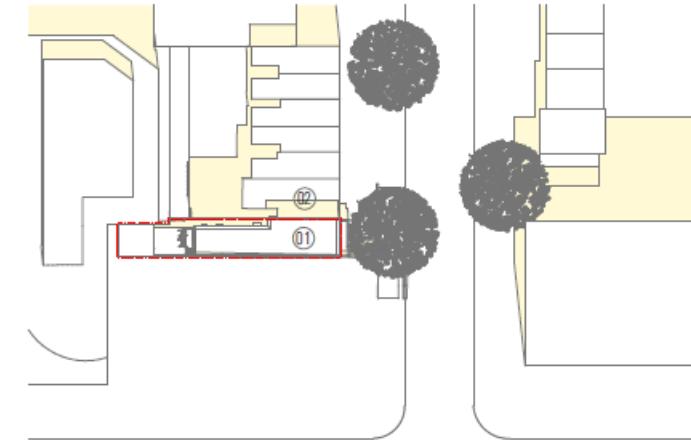
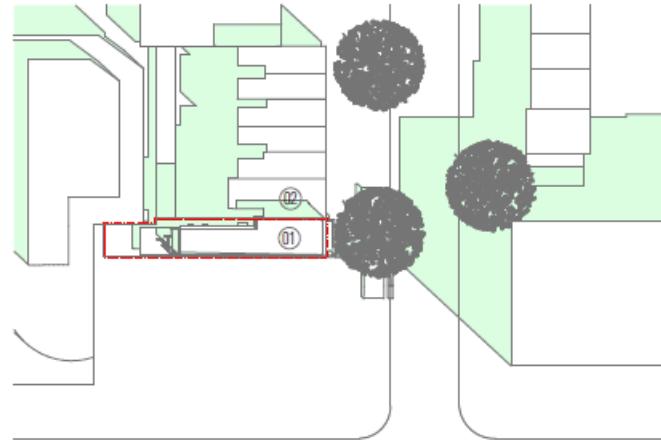
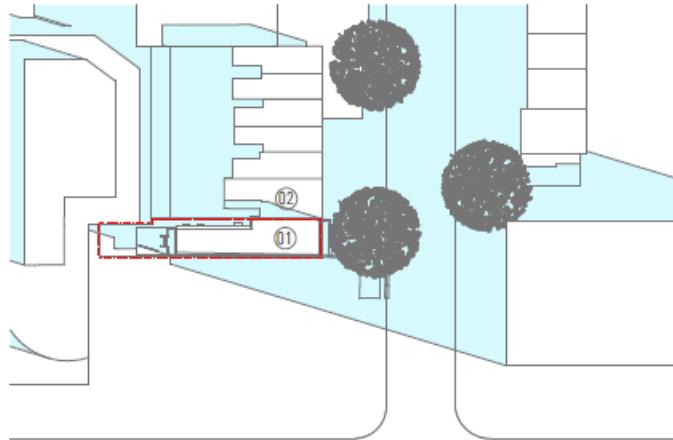
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SHADOW ANALYSIS - SPRING/ FALL PROPOSED

THIS SUN STUDY IMAGES WERE CONDUCTED FROM 08:00:00 AM TO 06:00:00 PM ON MARCH 21 IN 2 HOUR INCREMENTS



2 PM SHADOW DIAGRAM

4 PM SHADOW DIAGRAM

6 PM SHADOW DIAGRAM

LEGEND: ① - 1106 3RD ST NE, ② - 1108 3RD ST NE

SD04 | 1106 3RD ST NE, WASHINGTON, DC
SHADOW ANALYSIS - SPRING/ FALL PROPOSED

11/24/2025

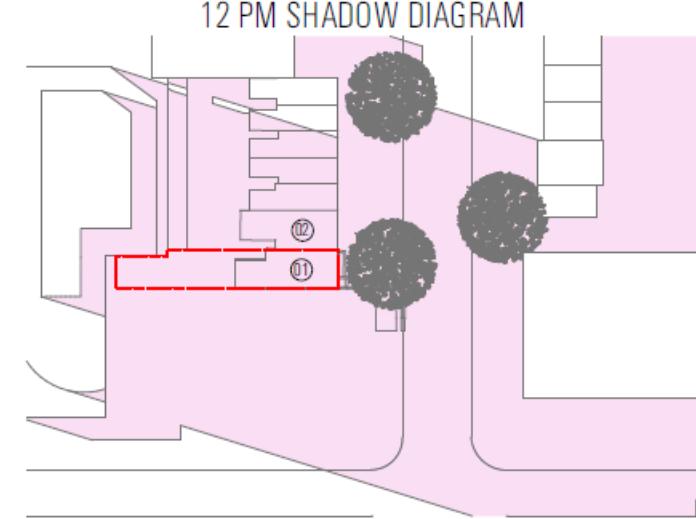
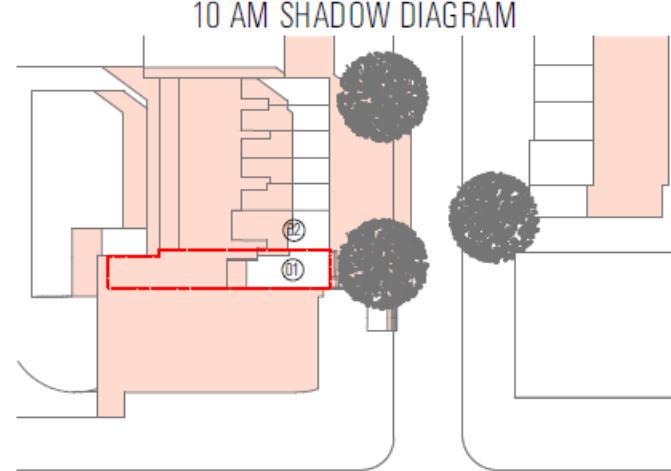
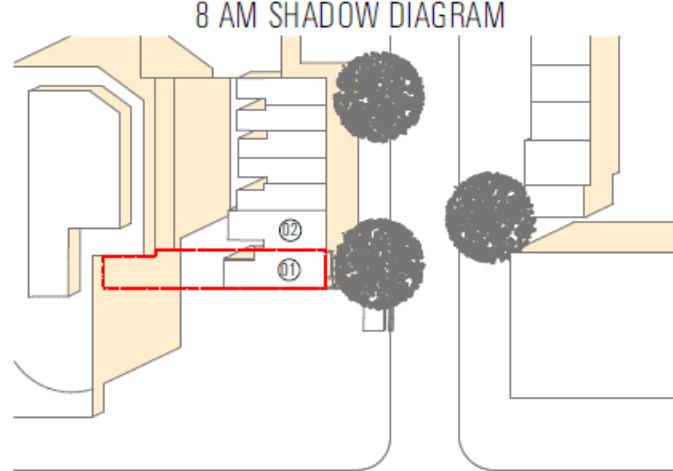
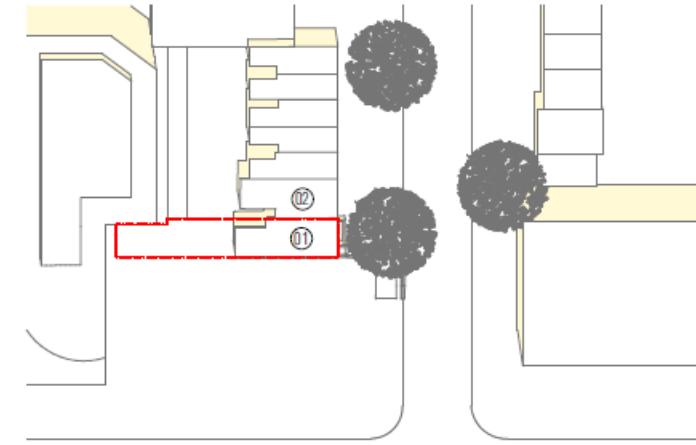
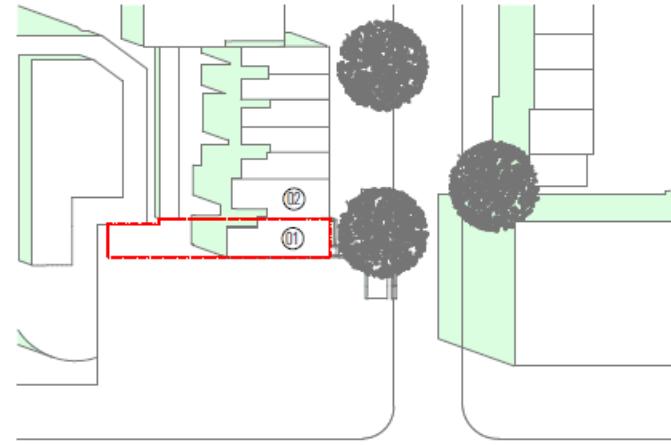
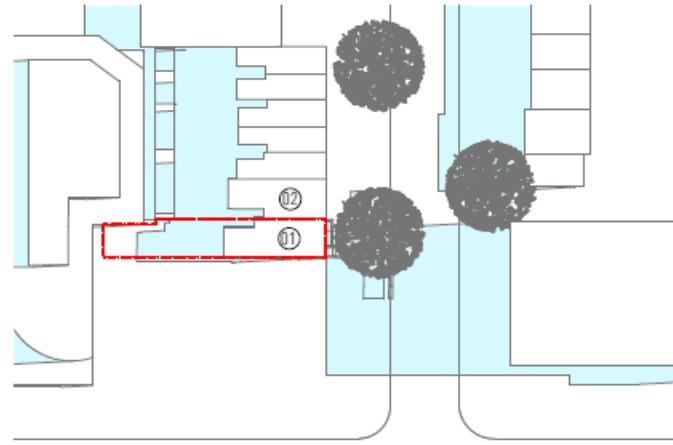
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SHADOW ANALYSIS - SUMMER EXISTING

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LEGEND: ① - 1106 3RD ST NE, ② - 1108 3RD ST NE

SD05 | 1106 3RD ST NE, WASHINGTON, DC
SHADOW ANALYSIS - SUMMER EXISTING

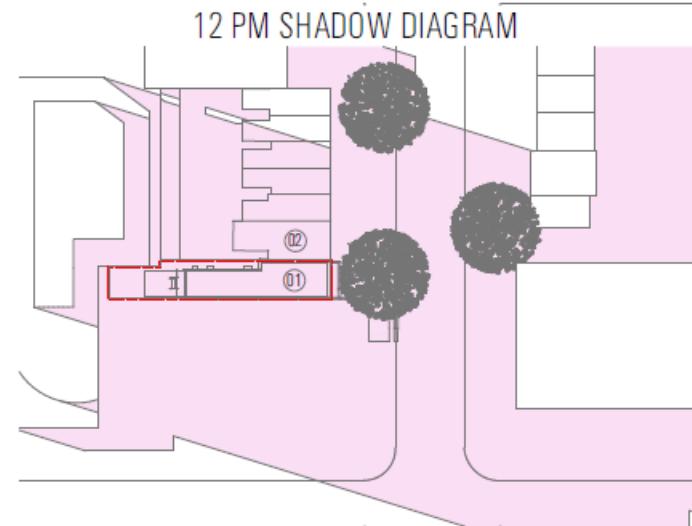
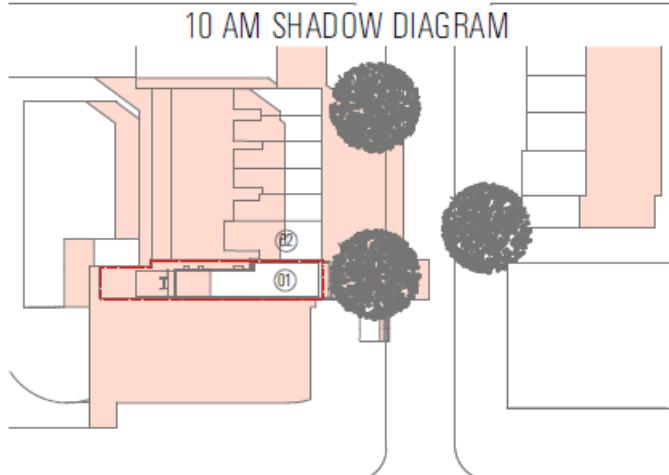
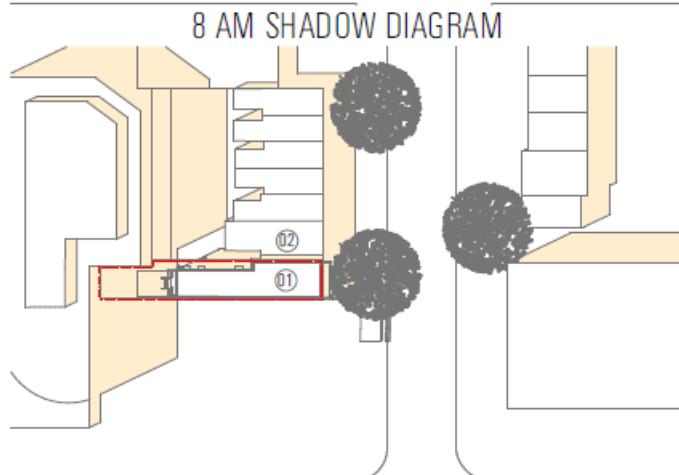
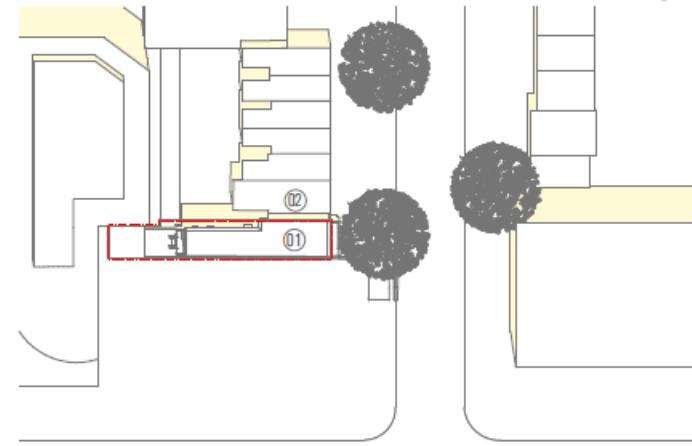
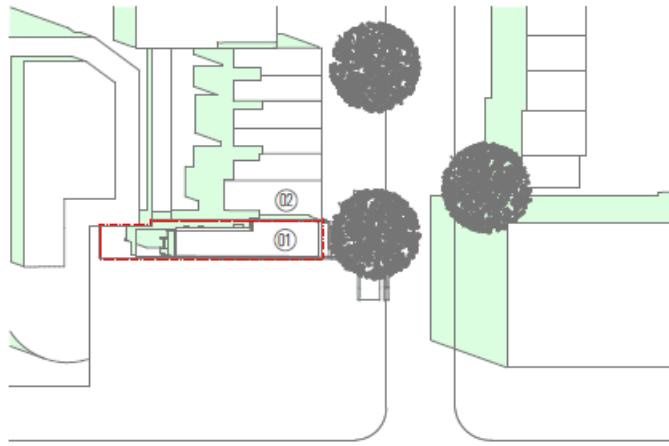
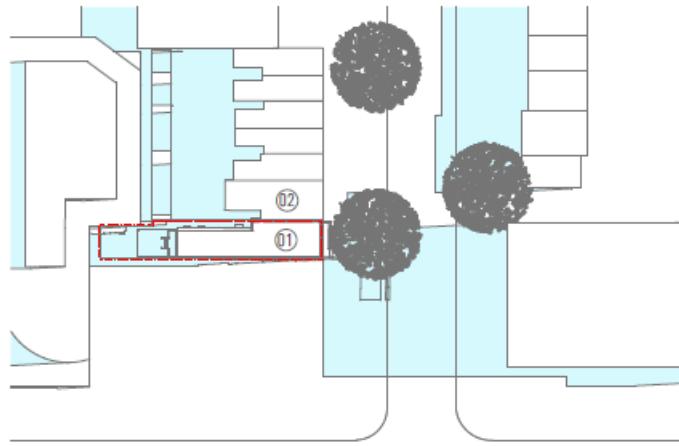
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SHADOW ANALYSIS - SUMMER PROPOSED

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LEGEND: ① - 1106 3RD ST NE, ② - 1108 3RD ST NE

SD06 | 1106 3RD ST NE, WASHINGTON, DC
SHADOW ANALYSIS - SUMMER PROPOSED

11/24/2025

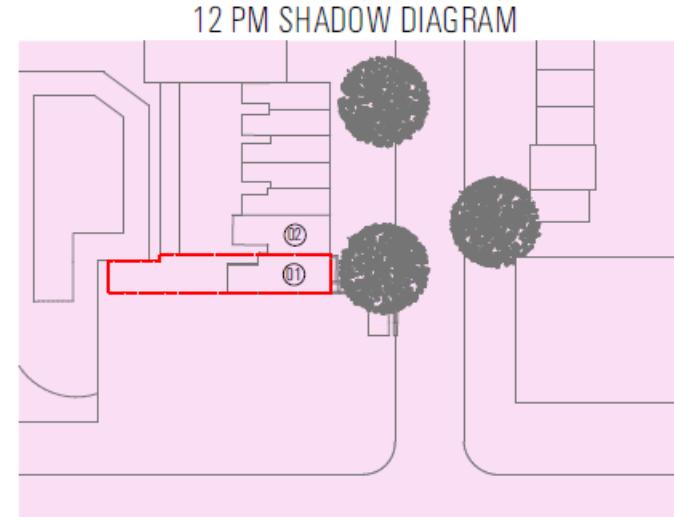
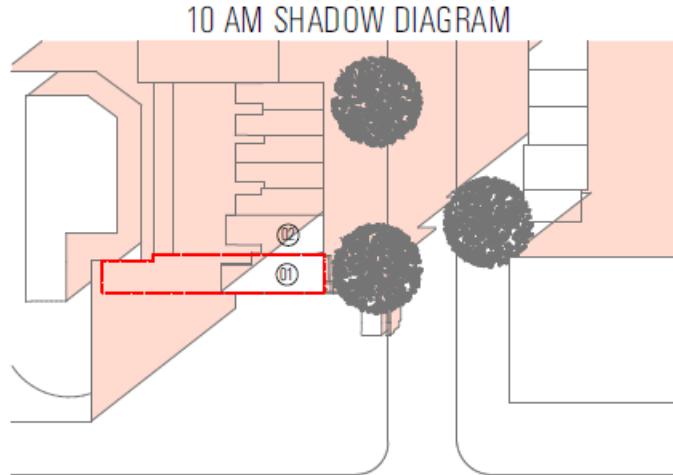
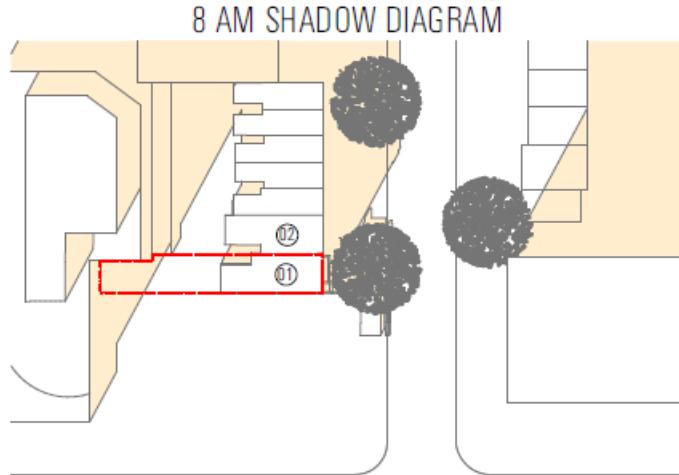
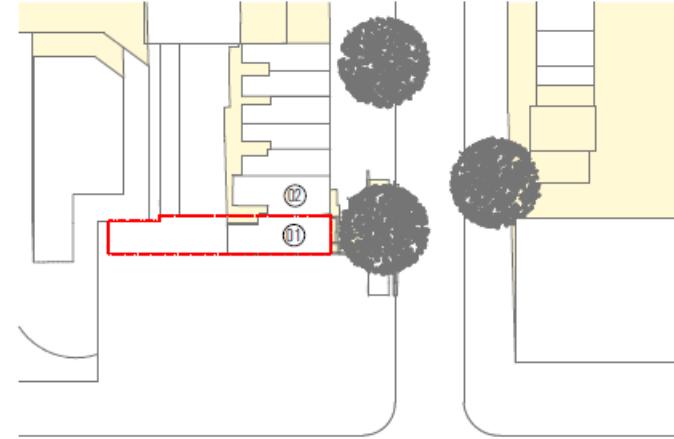
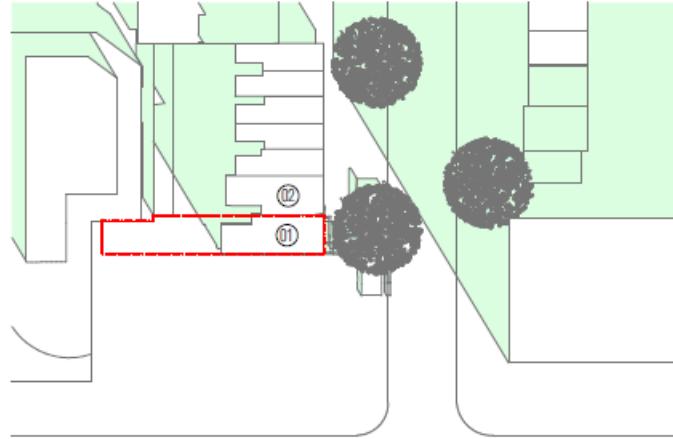
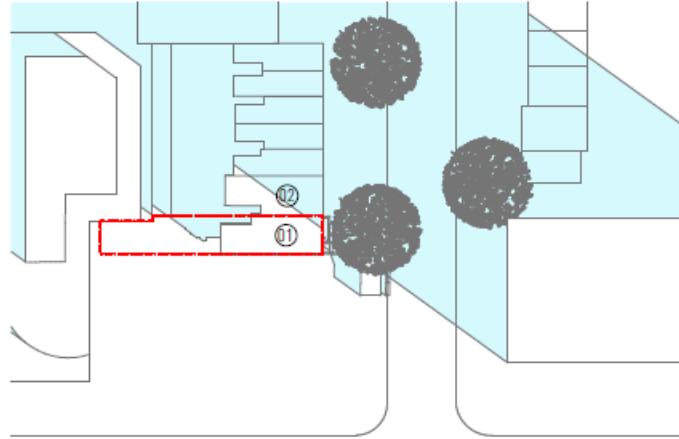
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SHADOW ANALYSIS - WINTER EXISTING

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LEGEND: ① - 1106 3RD ST NE, ② - 1108 3RD ST NE

SD07 | 1106 3RD ST NE, WASHINGTON, DC
SHADOW ANALYSIS - WINTER EXISTING

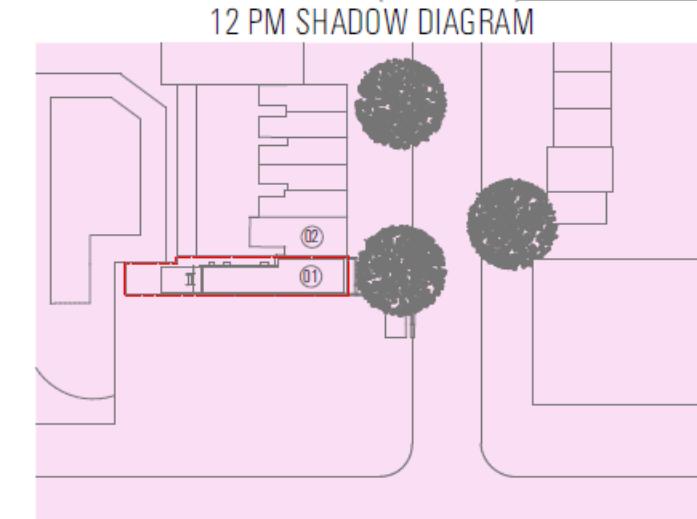
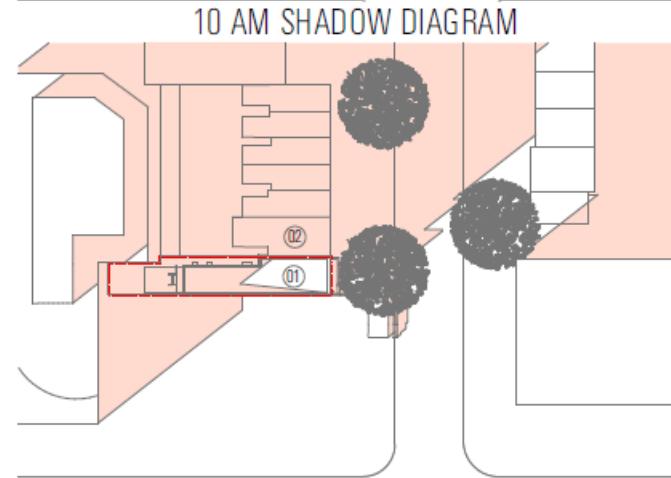
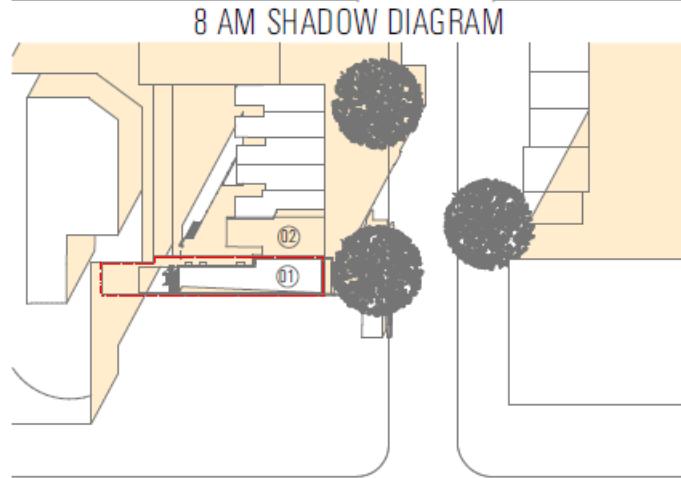
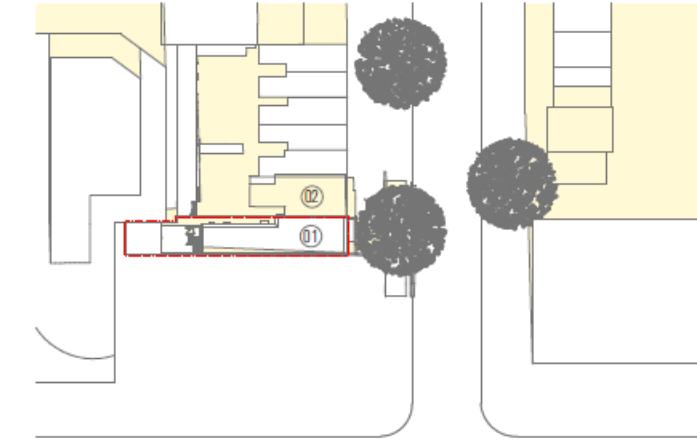
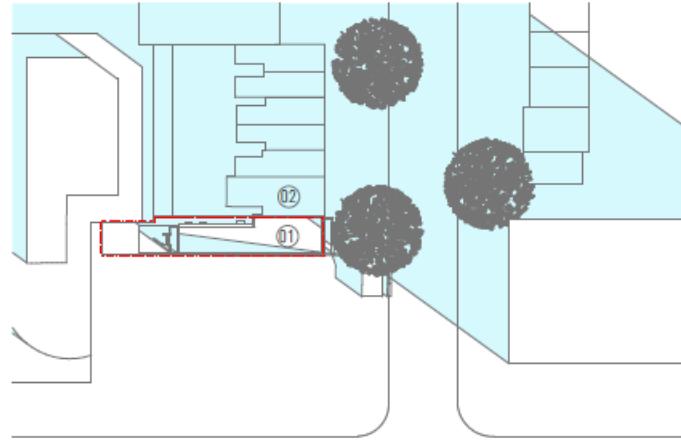
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SHADOW ANALYSIS - WINTER PROPOSED

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LEGEND: ① - 1106 3RD ST NE, ② - 1108 3RD ST NE

SD08 | 1106 3RD ST NE, WASHINGTON, DC
SHADOW ANALYSIS - WINTER PROPOSED

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