



INTERNATIONAL DESIGN GROUP
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December 20, 2024

JB Pastor Project
Dolores, 2nd SE of 7th
Carmel-by-the-Sea
Block: 91, Lots: 6, 8, & 10
APN: 010-145-012, 022, & 023

Shade Study

This shade study was conducted to verify the effect of the proposed JB Pastor Project may have on the sunlight path on the East boundary towards Stone House Terrace.

The proposed JB Pastor Project is located in the City of Carmel-by-the-Sea, California on Block 91, Lots 6, 8, & 10. The proposed Building 1 of the project is set back a voluntary 8' from the property line and the edge of the 2nd floor terrace of the neighboring building. The distance between the face of Building 1 and Stone House Terrace is approximately 15' 1-3/4".

The current shade study was based on the projected sun position for 2025, focusing on the hours of 9AM, 12PM, 2PM, & 4PM at the exact latitude & longitude of the project in relation to Stone House Terrace (36°33'12.5"N, 121°55'20.2"W). Renderings created in SketchUp were created to show the shadows cast on the neighboring property (See below Exhibit B). Mass and bulk of the proposed & neighboring residence are an estimation based on photos, survey data, & field measurements.

The renderings provided do not take into account the shade cast from trees and overcast days. Photos provided to show the site conditions. A Daylight Duration Table for the whole year of 2025 is provided for reference (Exhibit A), table data was gathered from timeanddate.com.

With data gathered from the study, Stone House Terrace from the hours of 9AM to 2PM will not be impacted by the proposed project year round. Concerning late afternoon, there is a slight impact on sunlight cast on the terrace in March, April, May, August, September, & October. For the months of June & July, there is no impact on existing sunlight. For the months of January, November, & December the proposed project impacts existing sunlight after 4PM.

Regards,

Jason Diaz
Project Manager
IDG, Inc.

LOCATION: 36°33'12.5"N, 121°55'20.2"W

timeanddate.com

EXHIBIT A
CARMEL-BY-THE-SEA, CA
PACIFIC STANDARD TIME / UTC-08:00
DURATION OF DAYLIGHT FOR 2025

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
DAY	H M S	H M S	H M S	H M S	H M S	H M S	H M S	H M S	H M S	H M S	H M S	H M S
1	9:43:27	10:25:09	11:24:59	12:37:11	13:42:34	14:30:07	14:36:37	13:58:57	12:55:46	11:47:10	10:38:58	9:50:33
2	9:44:08	10:27:03	11:27:17	12:39:30	13:44:32	14:31:04	14:36:03	13:57:11	12:53:32	11:44:52	10:36:57	9:49:31
3	9:44:51	10:28:59	11:29:35	12:41:48	13:46:28	14:31:57	14:35:25	13:55:23	12:51:18	11:42:35	10:34:57	9:48:32
4	9:45:38	10:30:56	11:31:54	12:44:06	13:48:23	14:32:48	14:34:45	13:53:35	12:49:03	11:40:17	10:32:59	9:47:36
5	9:46:27	10:32:54	11:34:12	12:46:23	13:50:17	14:33:36	14:34:01	13:51:45	12:46:48	11:38:00	10:31:02	9:46:42
6	9:47:20	10:34:54	11:36:31	12:48:40	13:52:10	14:34:21	14:33:15	13:49:53	12:44:33	11:35:43	10:29:06	9:45:52
7	9:48:16	10:36:55	11:38:51	12:50:57	13:54:01	14:35:04	14:32:26	13:48:00	12:42:17	11:33:26	10:27:12	9:45:05
8	9:49:15	10:38:57	11:41:10	12:53:14	13:55:50	14:35:43	14:31:34	13:46:06	12:40:01	11:31:10	10:25:19	9:44:21
9	9:50:16	10:41:00	11:43:30	12:55:29	13:57:38	14:36:19	14:30:39	13:44:11	12:37:45	11:28:53	10:23:27	9:43:40
10	9:51:21	10:43:05	11:45:50	12:57:45	13:59:25	14:36:52	14:29:42	13:42:14	12:35:28	11:26:37	10:21:37	9:43:02
11	9:52:28	10:45:10	11:48:10	13:00:00	14:01:09	14:37:23	14:28:42	13:40:17	12:33:11	11:24:22	10:19:48	9:42:27
12	9:53:38	10:47:16	11:50:30	13:02:14	14:02:53	14:37:50	14:27:40	13:38:18	12:30:54	11:22:06	10:18:01	9:41:56
13	9:54:51	10:49:24	11:52:50	13:04:28	14:04:34	14:38:14	14:26:35	13:36:18	12:28:37	11:19:51	10:16:16	9:41:28
14	9:56:07	10:51:32	11:55:10	13:06:42	14:06:14	14:38:35	14:25:27	13:34:17	12:26:20	11:17:37	10:14:32	9:41:03
15	9:57:25	10:53:41	11:57:31	13:08:54	14:07:52	14:38:54	14:24:17	13:32:15	12:24:02	11:15:22	10:12:50	9:40:41
16	9:58:45	10:55:51	11:59:51	13:11:07	14:09:28	14:39:09	14:23:05	13:30:13	12:21:44	11:13:09	10:11:10	9:40:23
17	10:00:08	10:58:01	12:02:12	13:13:18	14:11:02	14:39:20	14:21:50	13:28:09	12:19:26	11:10:55	10:09:32	9:40:09
18	10:01:34	11:00:13	12:04:32	13:15:29	14:12:34	14:39:29	14:20:33	13:26:04	12:17:08	11:08:43	10:07:56	9:39:57
19	10:03:01	11:02:25	12:06:53	13:17:39	14:14:04	14:39:35	14:19:13	13:23:59	12:14:50	11:06:31	10:06:22	9:39:50
20	10:04:31	11:04:38	12:09:13	13:19:49	14:15:32	14:39:37	14:17:51	13:21:53	12:12:32	11:04:19	10:04:50	9:39:45
21	10:06:04	11:06:51	12:11:33	13:21:57	14:16:58	14:39:36	14:16:28	13:19:45	12:10:13	11:02:08	10:03:20	9:39:44
22	10:07:38	11:09:06	12:13:54	13:24:05	14:18:22	14:39:32	14:15:02	13:17:38	12:07:55	10:59:57	10:01:52	9:39:47
23	10:09:15	11:11:20	12:16:14	13:26:12	14:19:43	14:39:25	14:13:34	13:15:29	12:05:36	10:57:48	10:00:27	9:39:53
24	10:10:53	11:13:36	12:18:35	13:28:18	14:21:02	14:39:15	14:12:03	13:13:20	12:03:18	10:55:39	9:59:04	9:40:02
25	10:12:34	11:15:51	12:20:55	13:30:24	14:22:19	14:39:02	14:10:31	13:11:10	12:01:00	10:53:31	9:57:43	9:40:15
26	10:14:17	11:18:08	12:23:15	13:32:28	14:23:34	14:38:46	14:08:57	13:09:00	11:58:41	10:51:23	9:56:25	9:40:31
27	10:16:01	11:20:24	12:25:35	13:34:31	14:24:46	14:38:26	14:07:22	13:06:49	11:56:23	10:49:17	9:55:09	9:40:50
28	10:17:47	11:22:41	12:27:54	13:36:34	14:25:55	14:38:03	14:05:44	13:04:37	11:54:04	10:47:11	9:53:56	9:41:13
29	10:19:35		12:30:14	13:38:35	14:27:02	14:37:38	14:04:05	13:02:25	11:51:46	10:45:06	9:52:46	9:41:40
30	10:21:25		12:32:33	13:40:35	14:28:07	14:37:09	14:02:24	13:00:13	11:49:28	10:43:02	9:51:38	9:42:09
31	10:23:16		12:34:52		14:29:08		14:00:41	12:57:59		10:40:59		9:42:42
TOTAL:	310:12:12	304:46:00	371:56:15	394:48:22	438:13:36	438:32:49	445:06:31	418:17:23	371:23:39	347:57:39	306:35:11	301:01:19

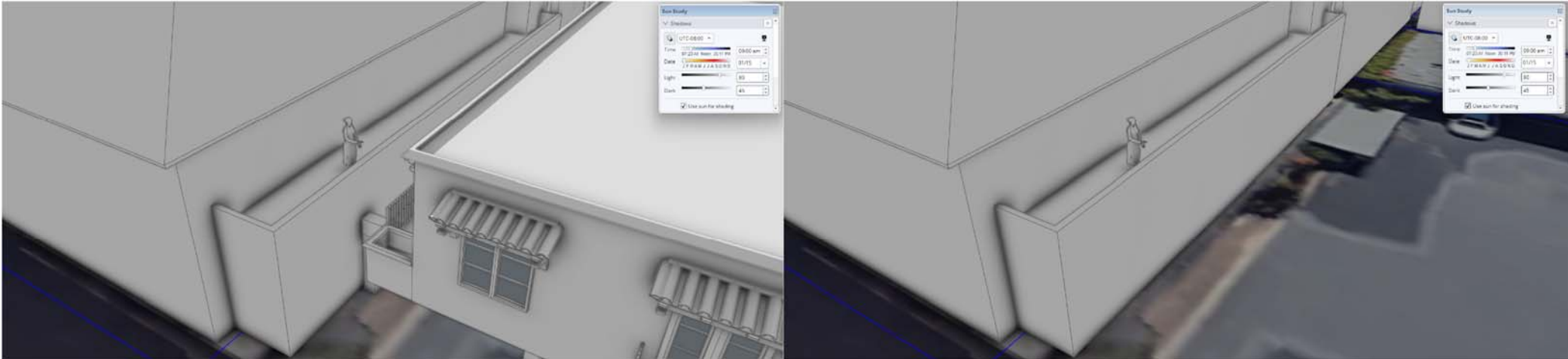


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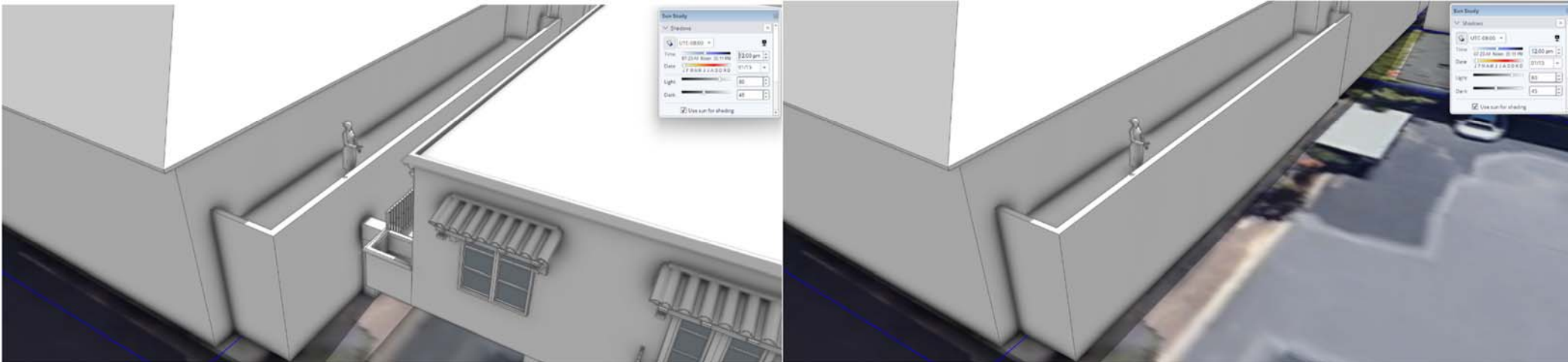
EXHIBIT B

PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

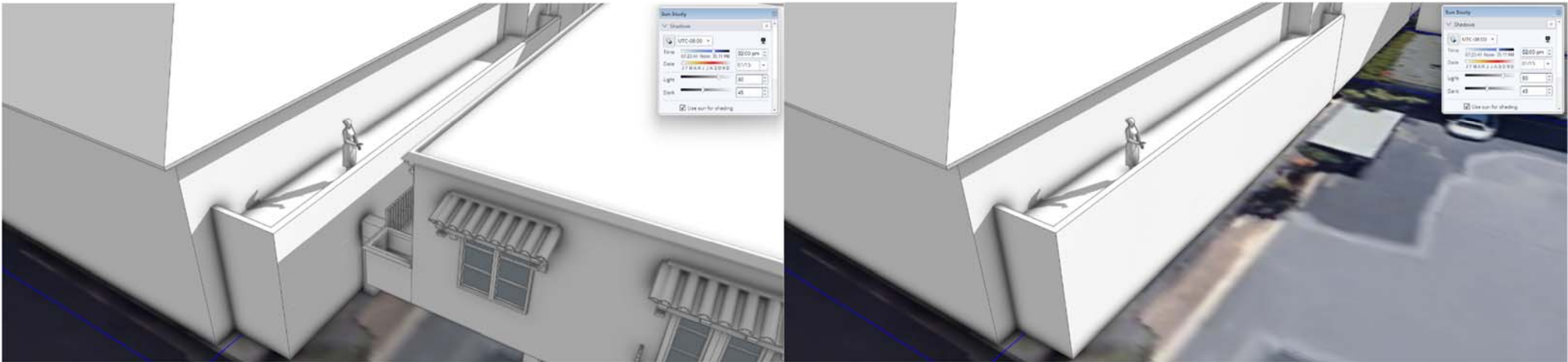
JANUARY



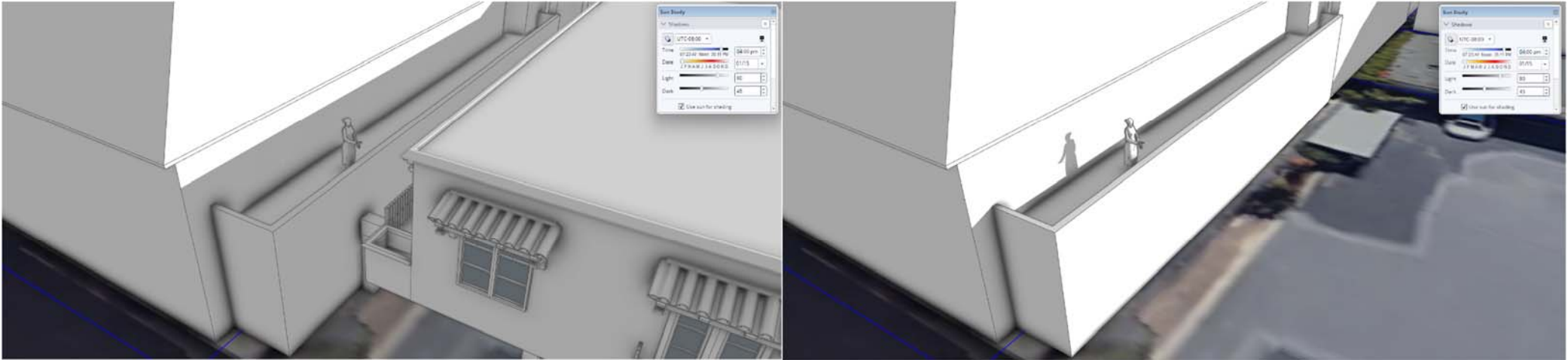
January 15, 9AM



January 15, 12PM



January 15, 2PM



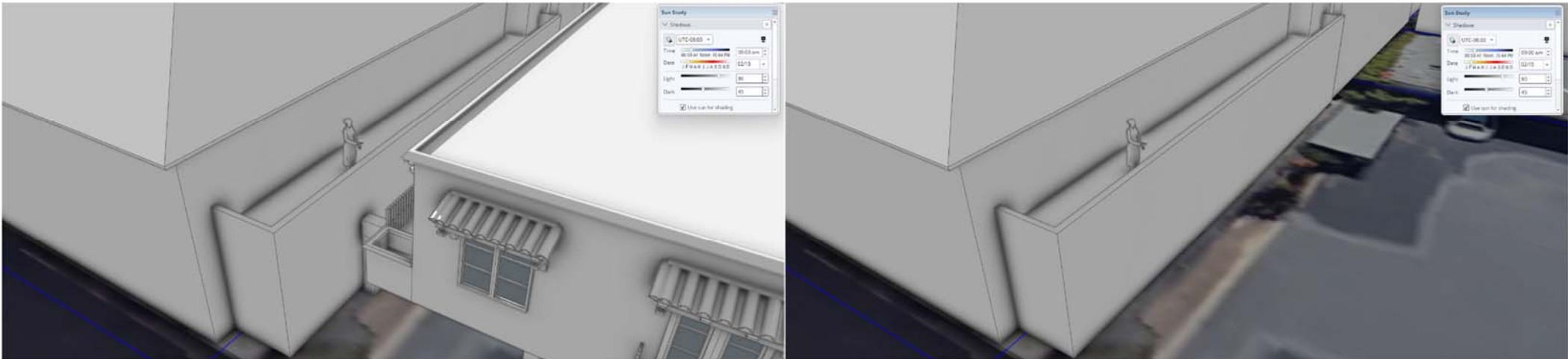
January 15, 4PM



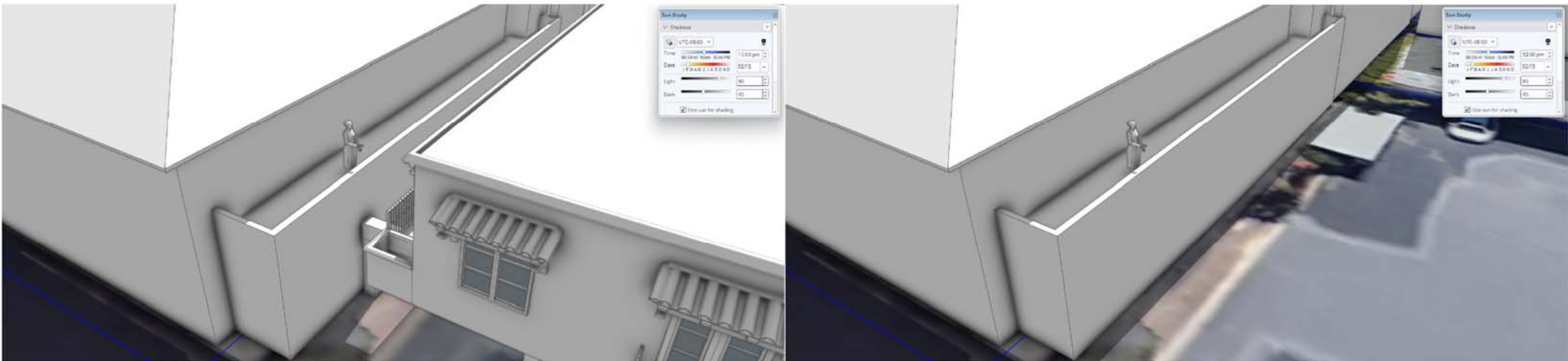
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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

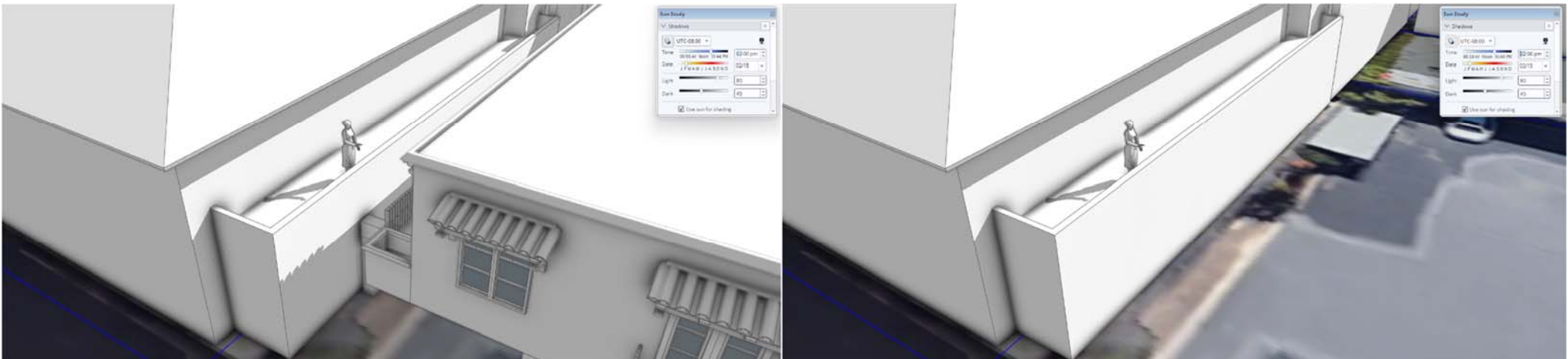
FEBRUARY



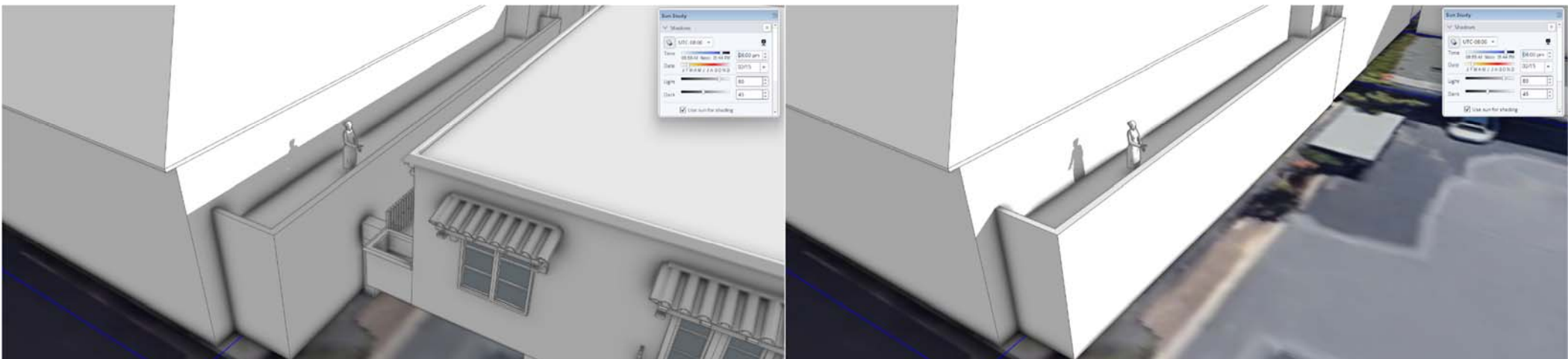
February 15, 9AM



February 15, 12PM



February 15, 2PM



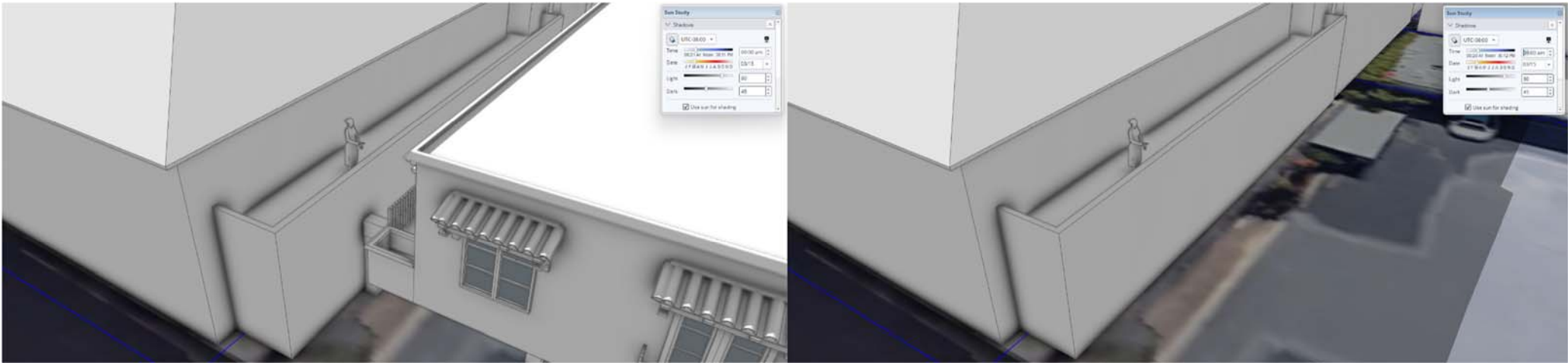
February 15, 4PM



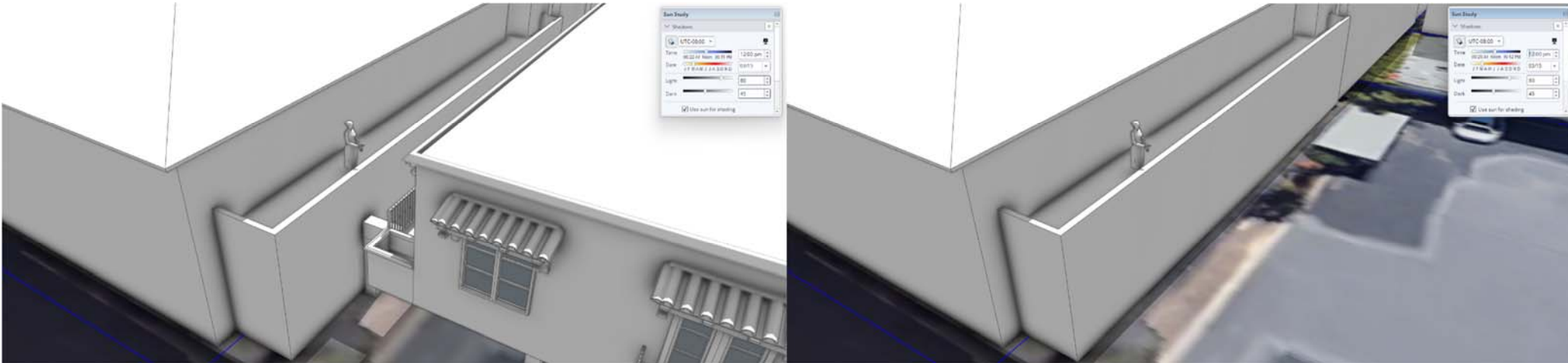
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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

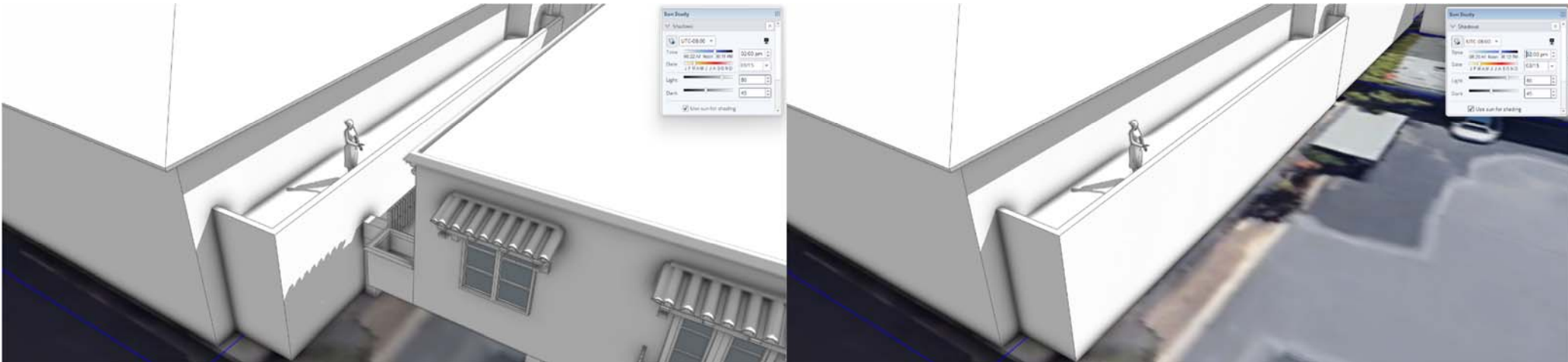
MARCH



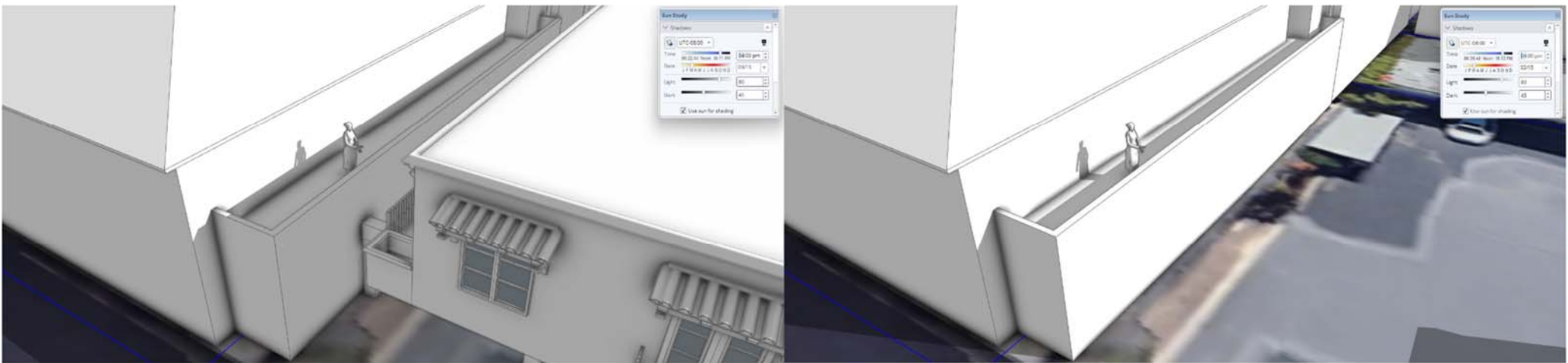
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March 15, 12PM



March 15, 2PM



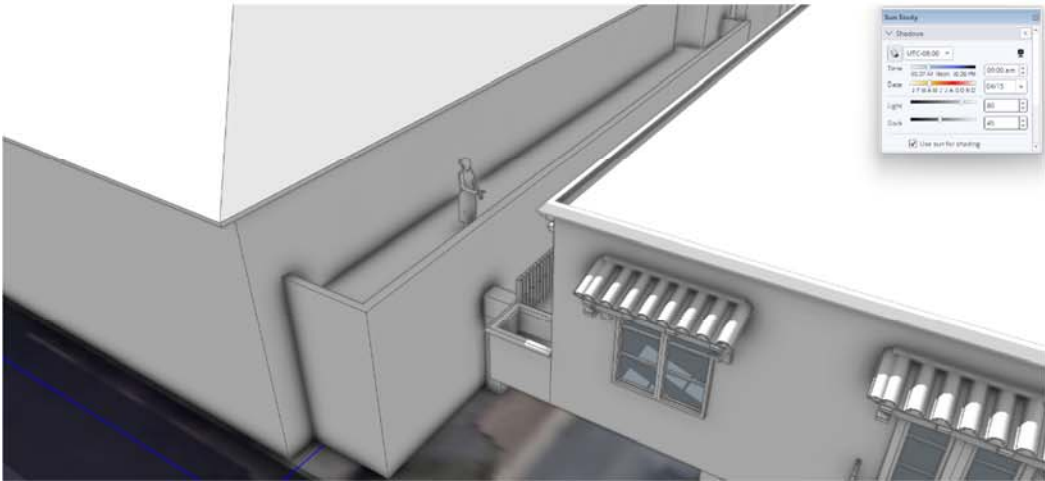
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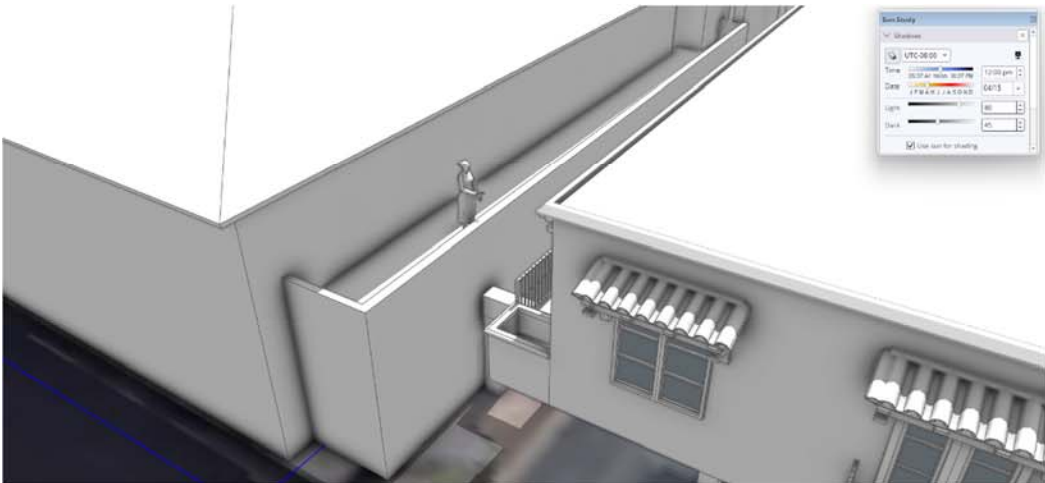
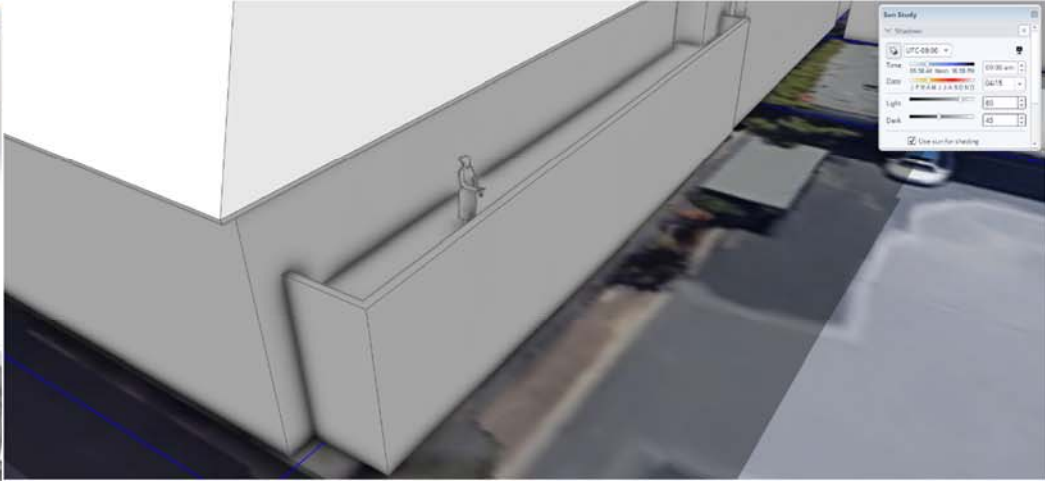
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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

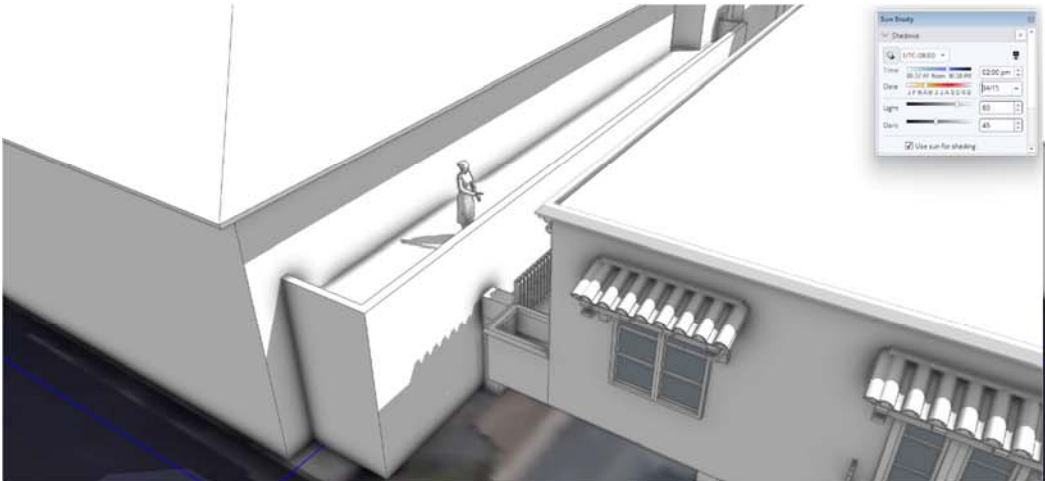
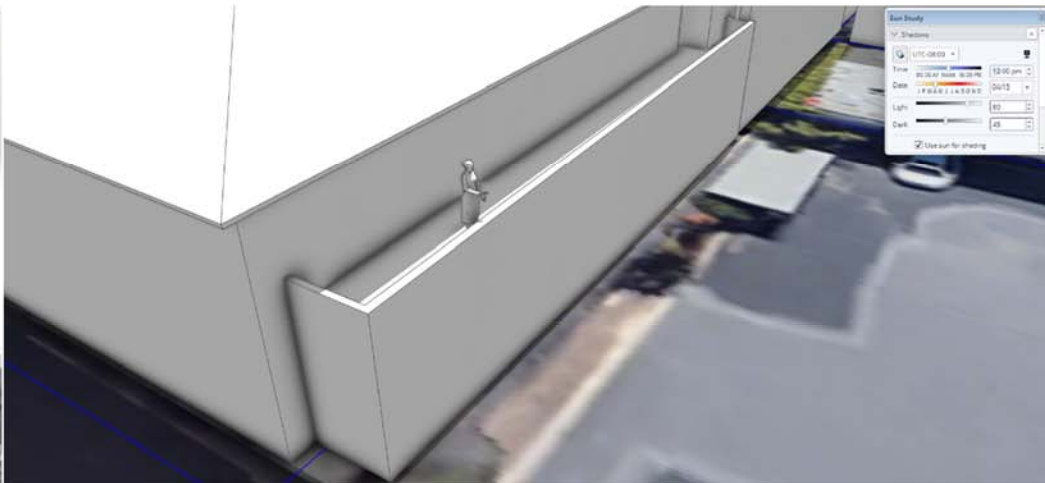
APRIL



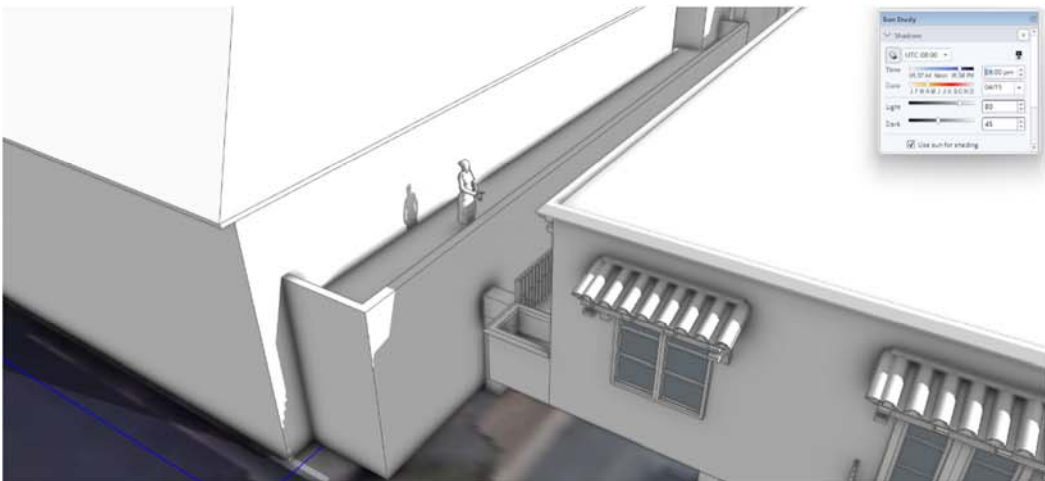
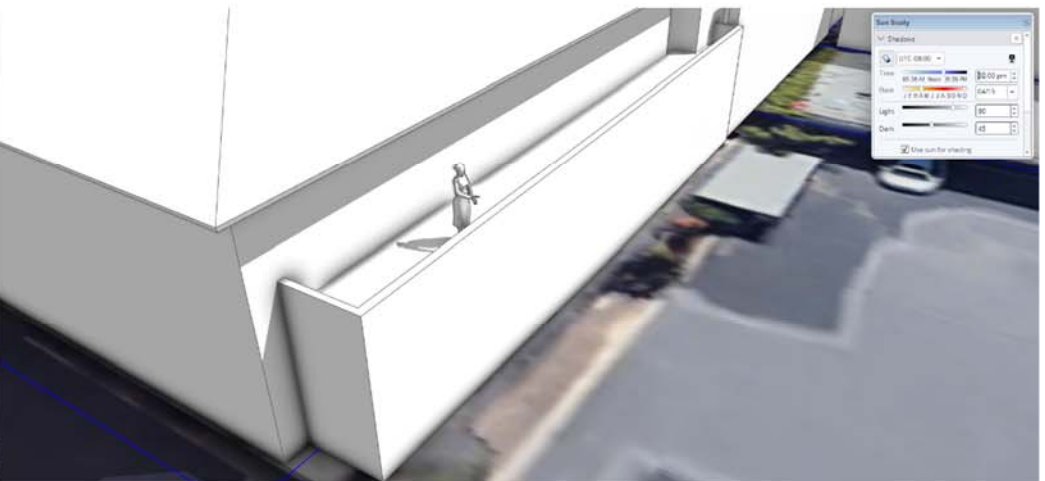
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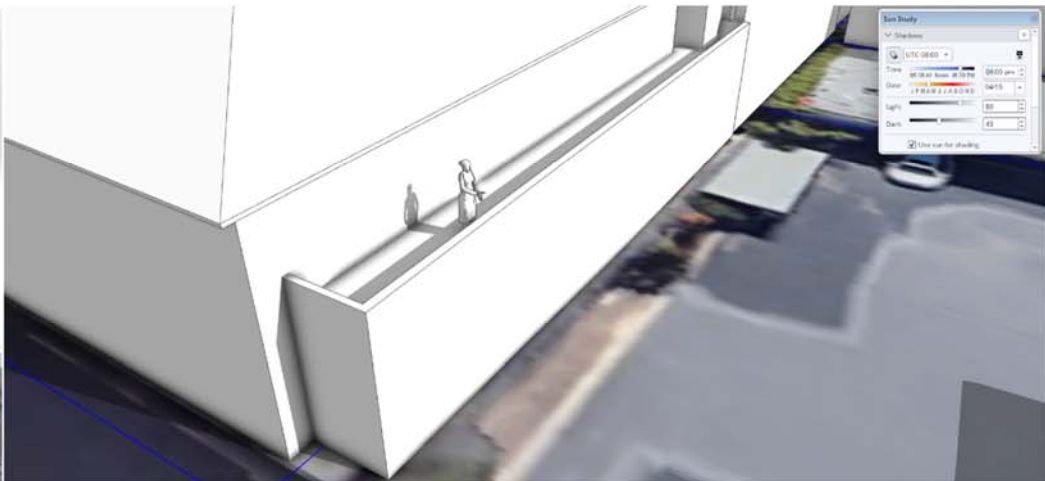
April 15, 12PM



April 15, 2PM



April 15, 4PM

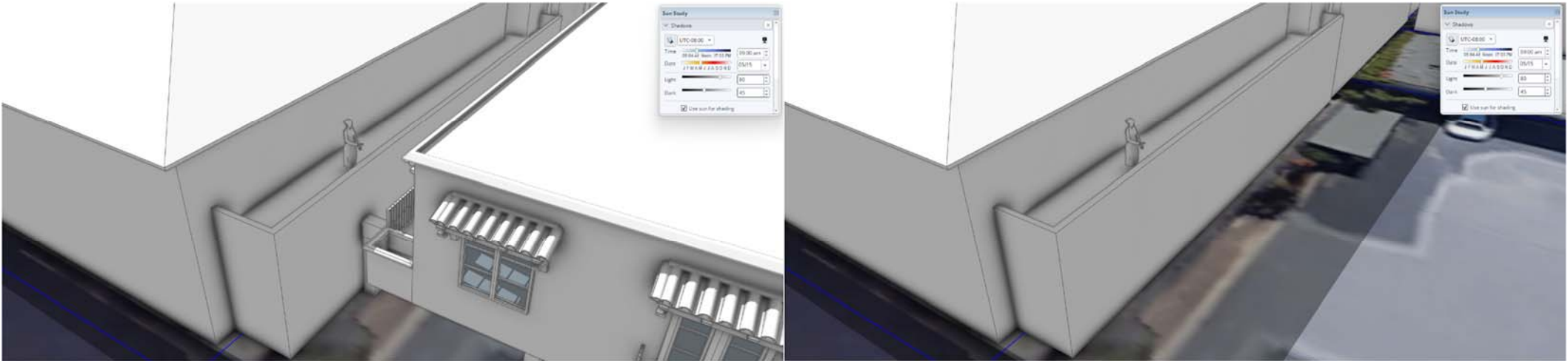




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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

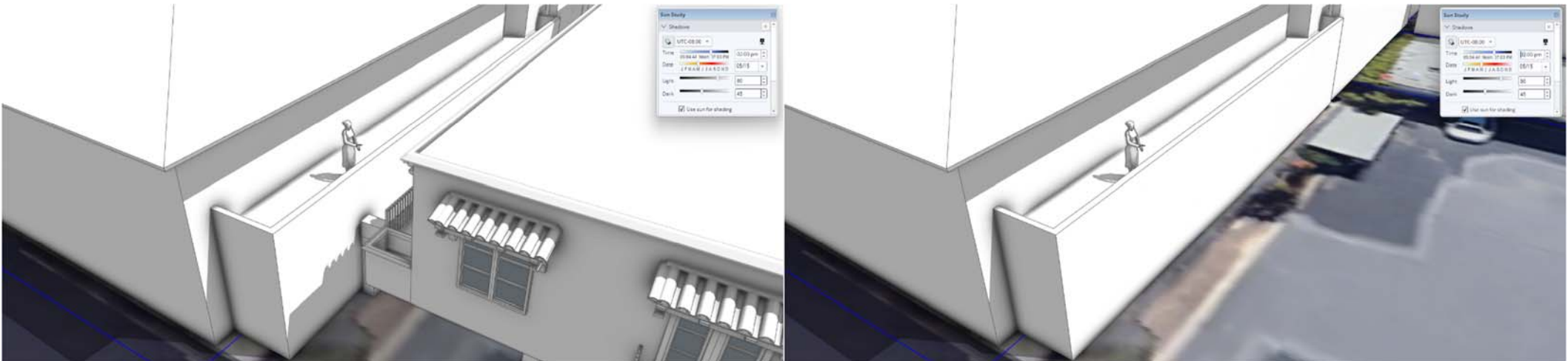
MAY



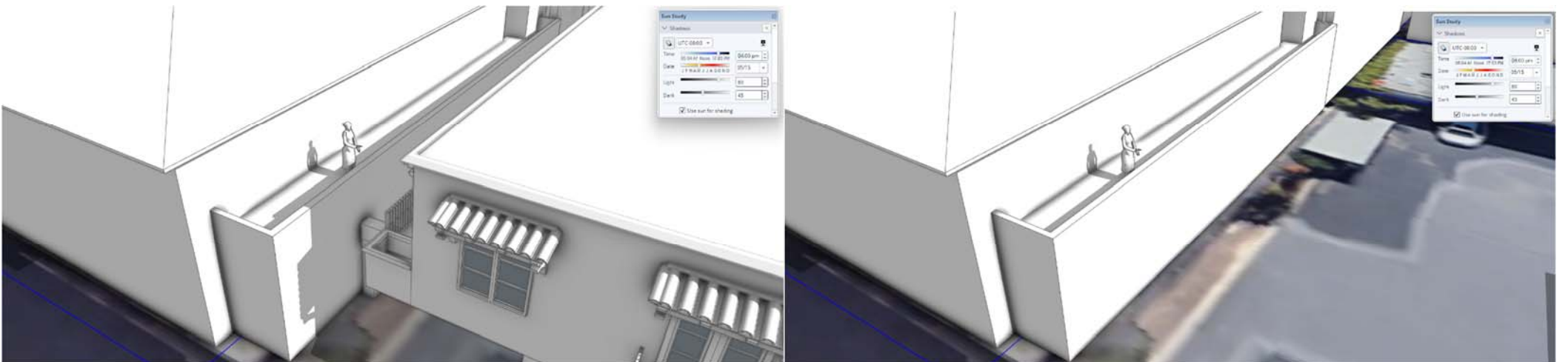
May 15, 9AM



May 15, 12PM



May 15, 2PM



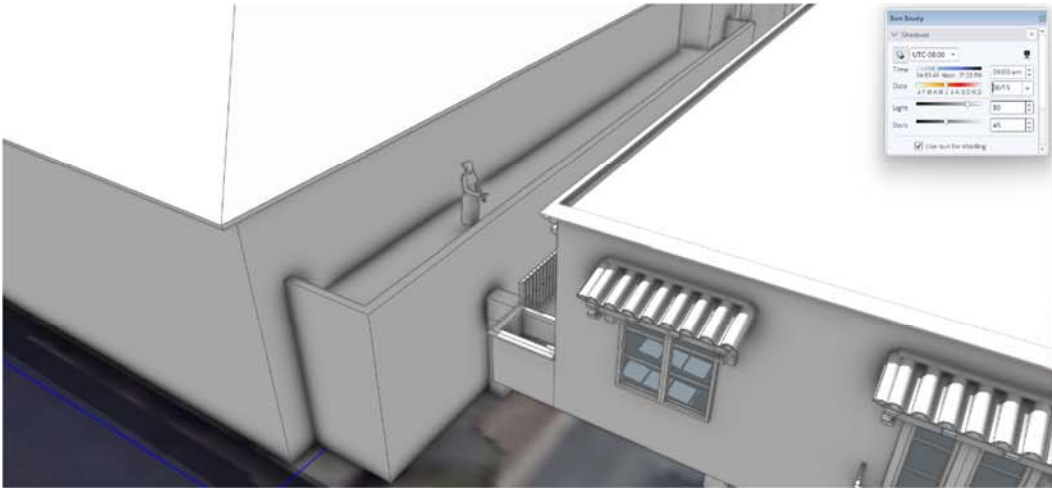
May 15, 4PM



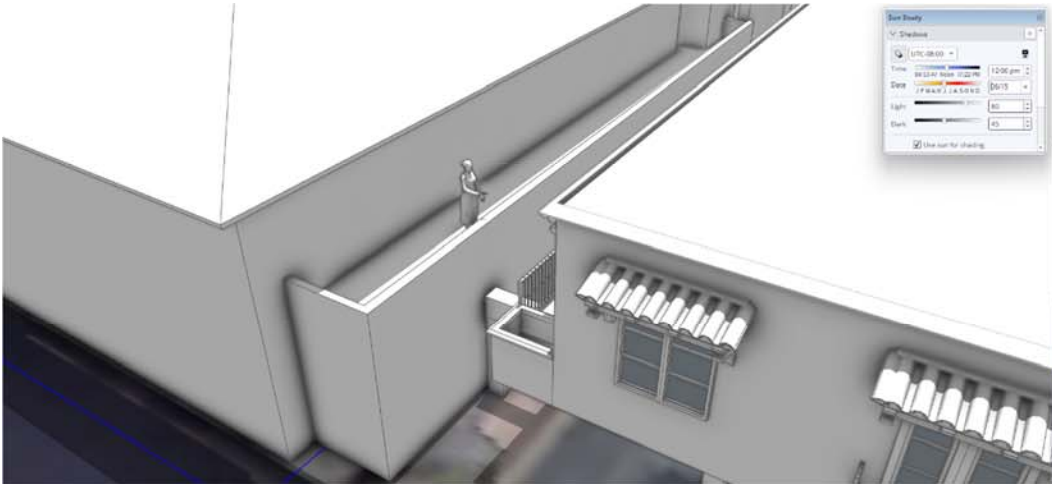
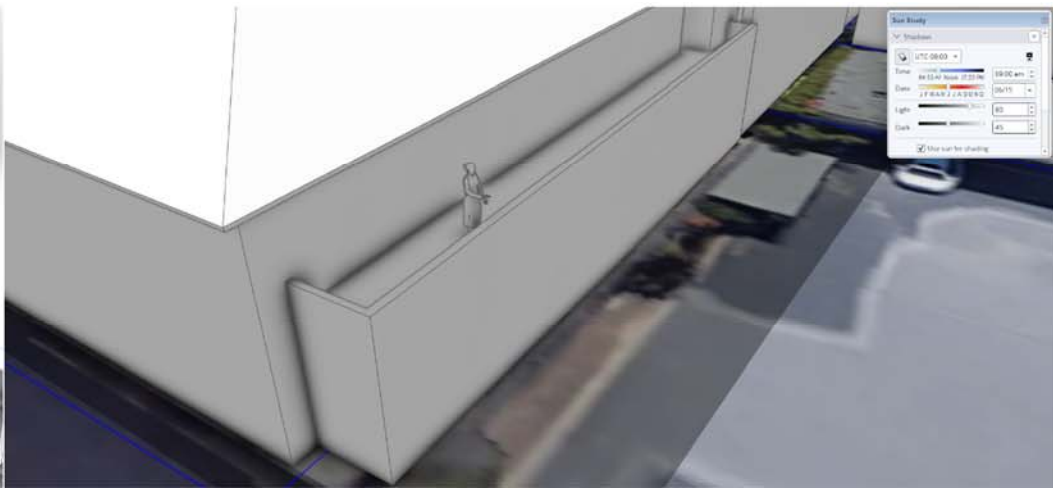
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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

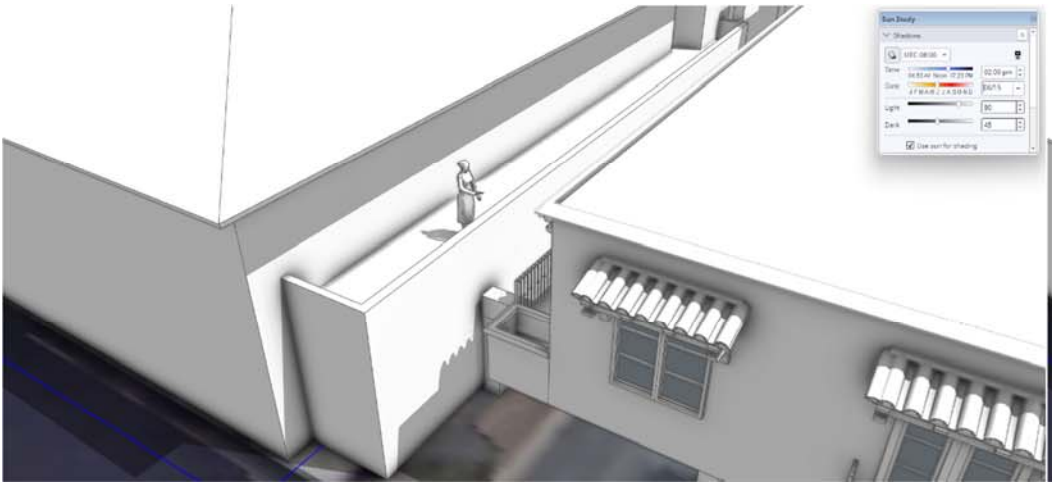
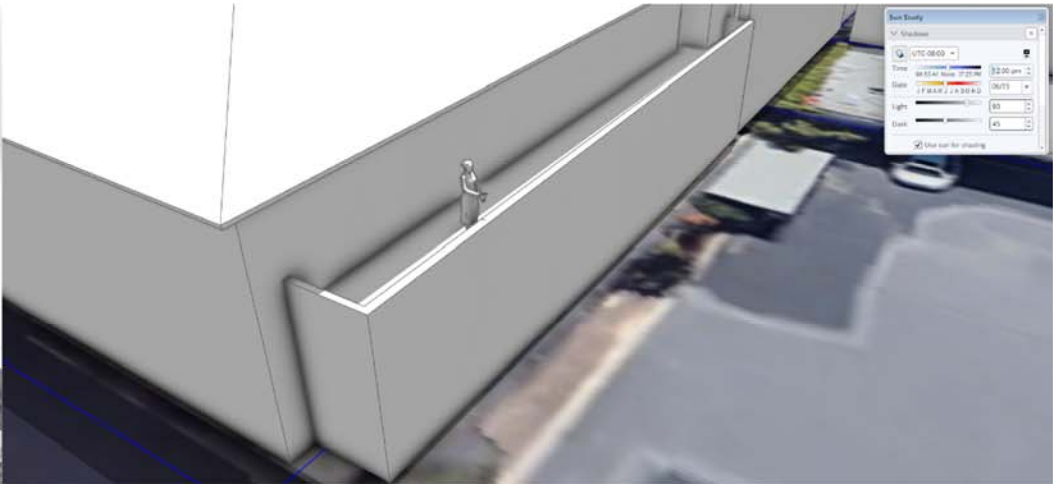
JUNE



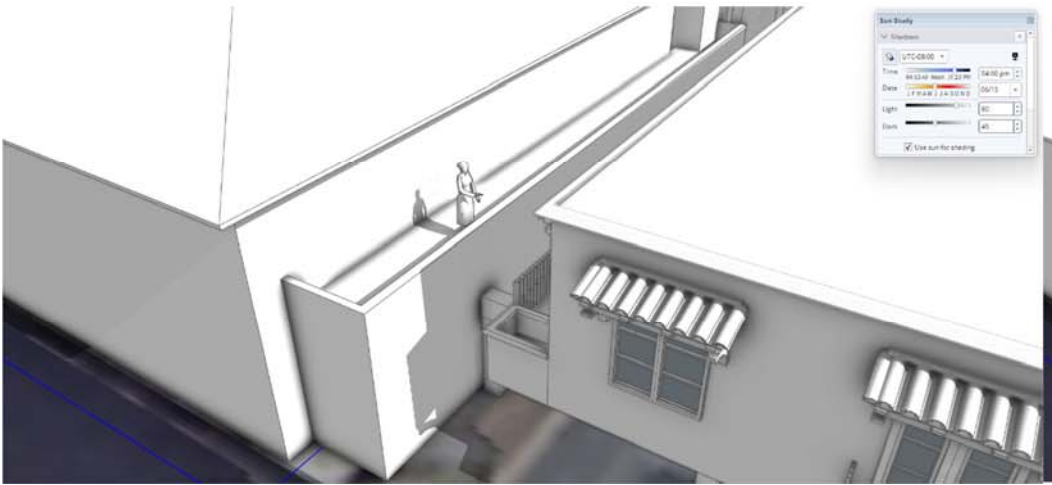
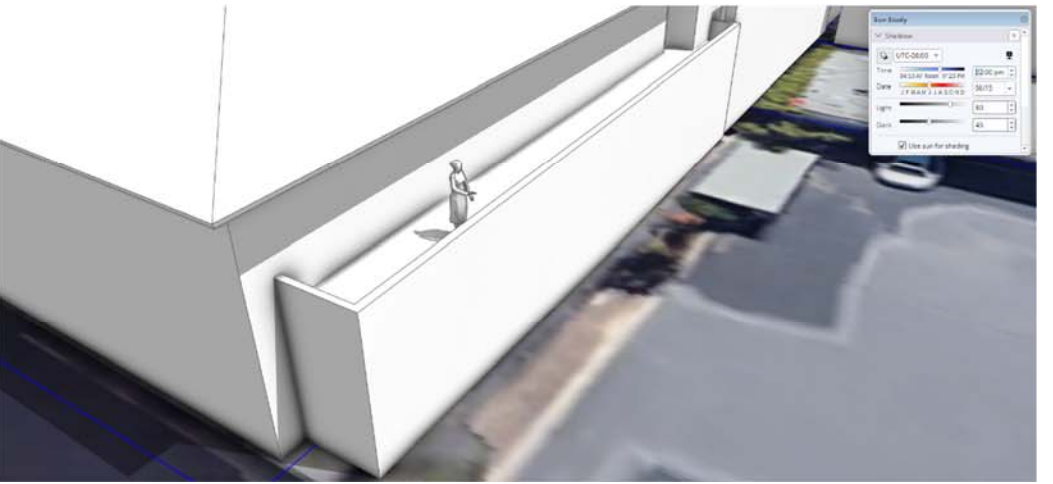
June 15, 9AM



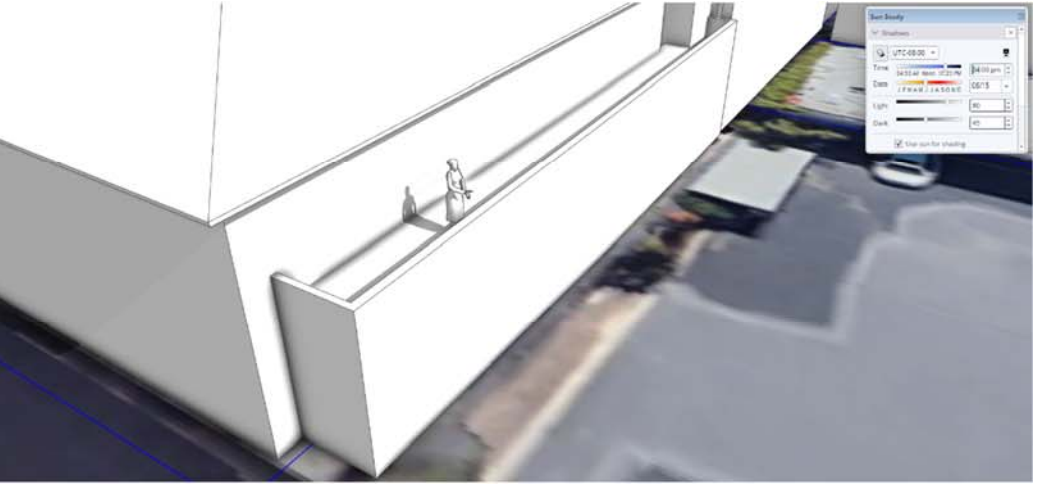
June 15, 12PM



June 15, 2PM



June 15, 4PM

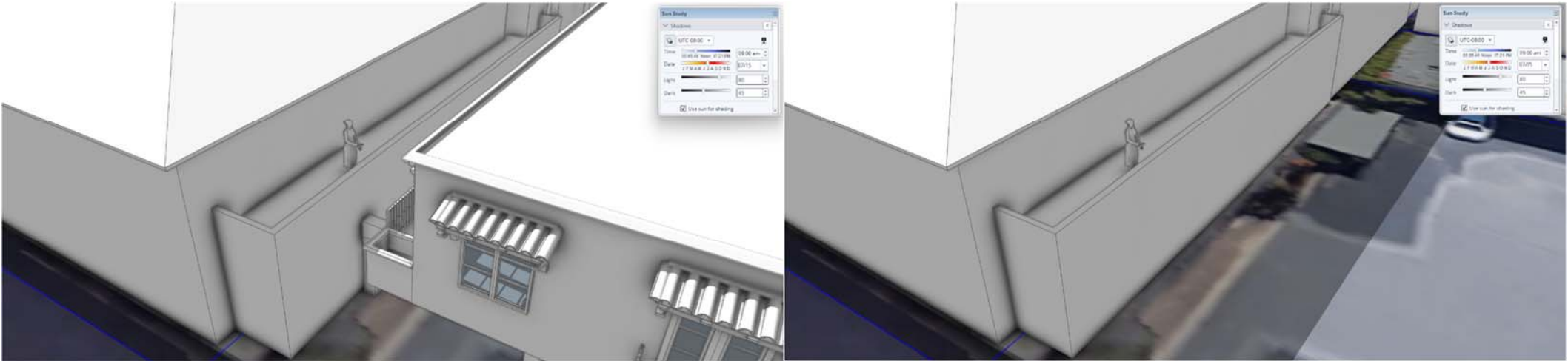




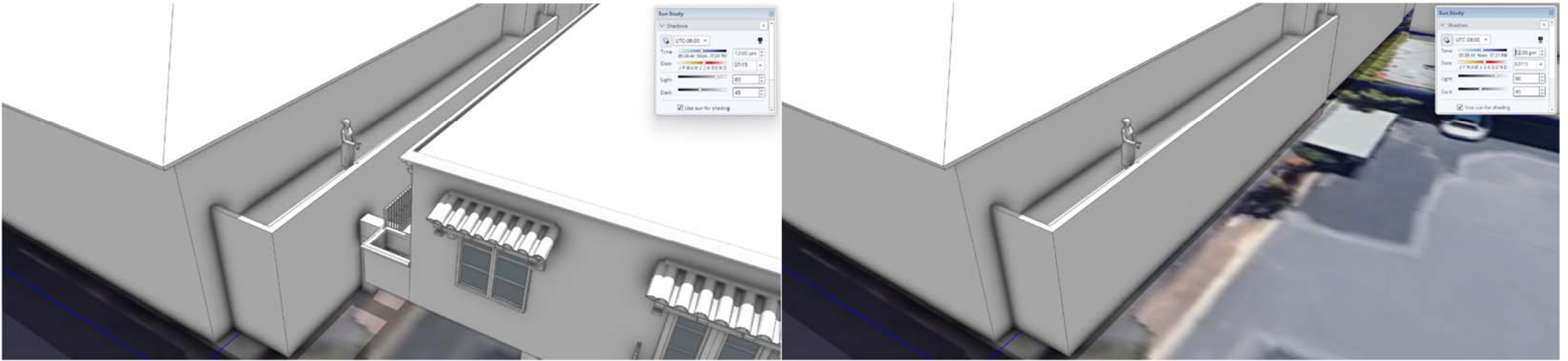
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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

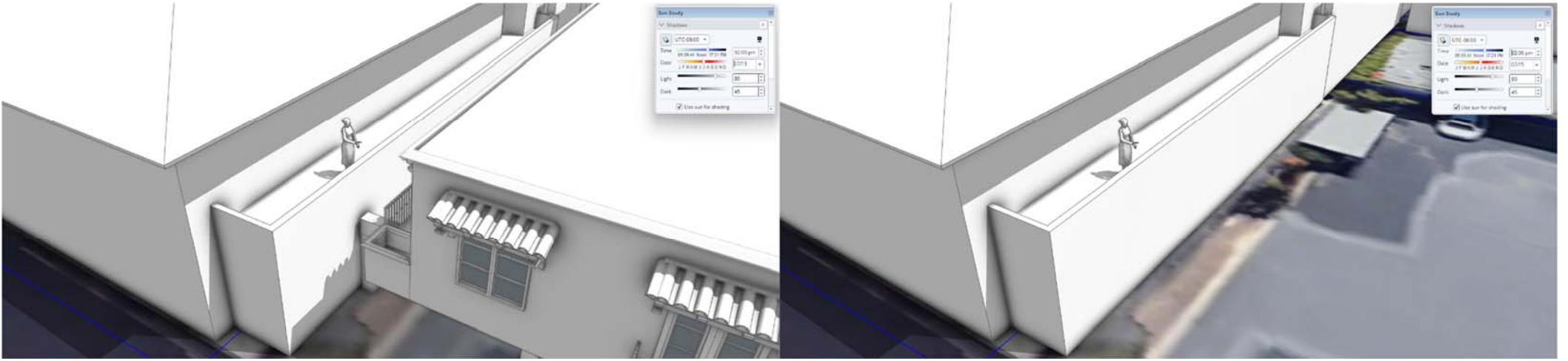
JULY



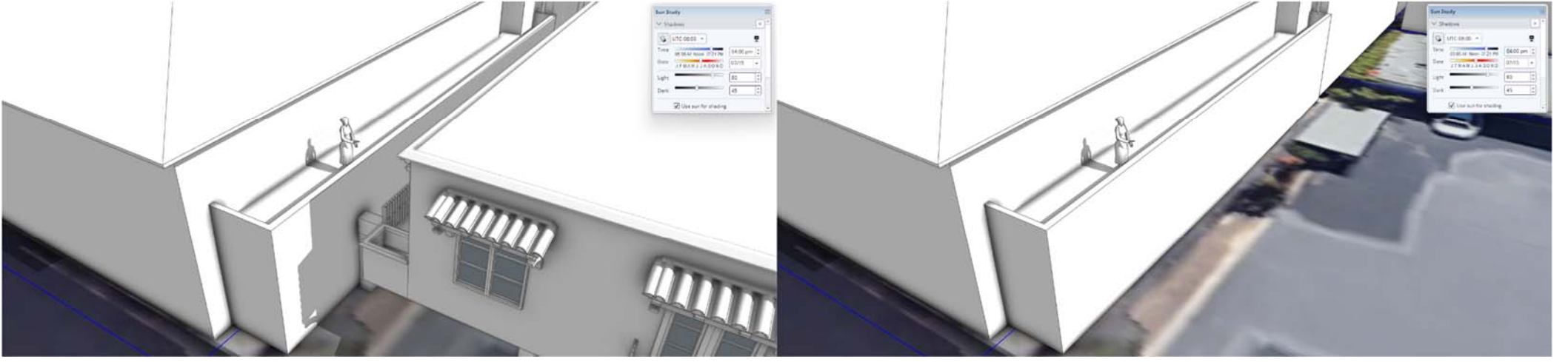
July 15, 9AM



July 15, 12PM



July 15, 2PM



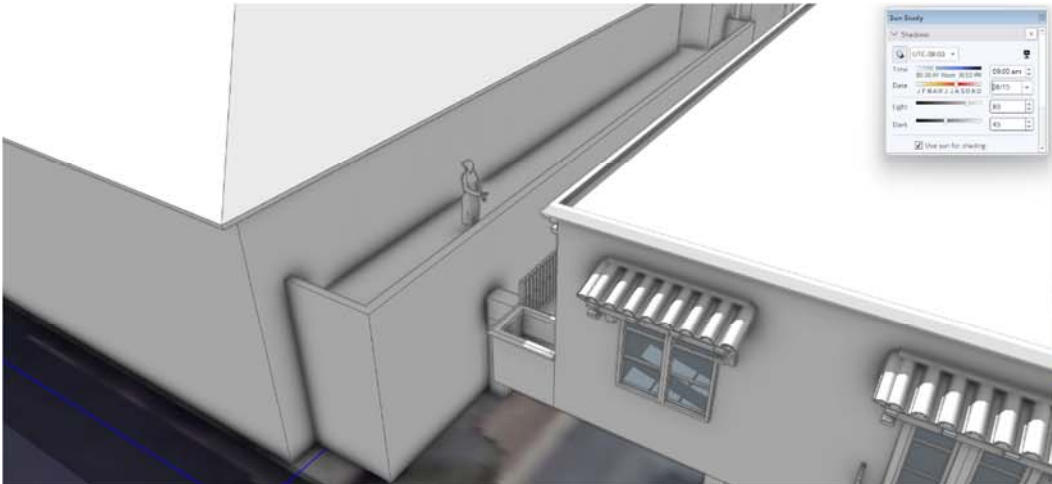
July 15, 4PM



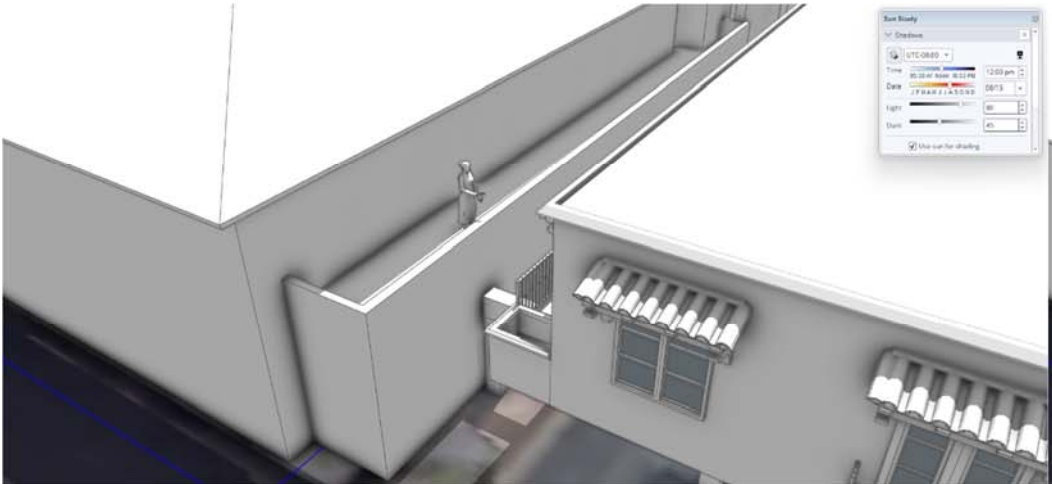
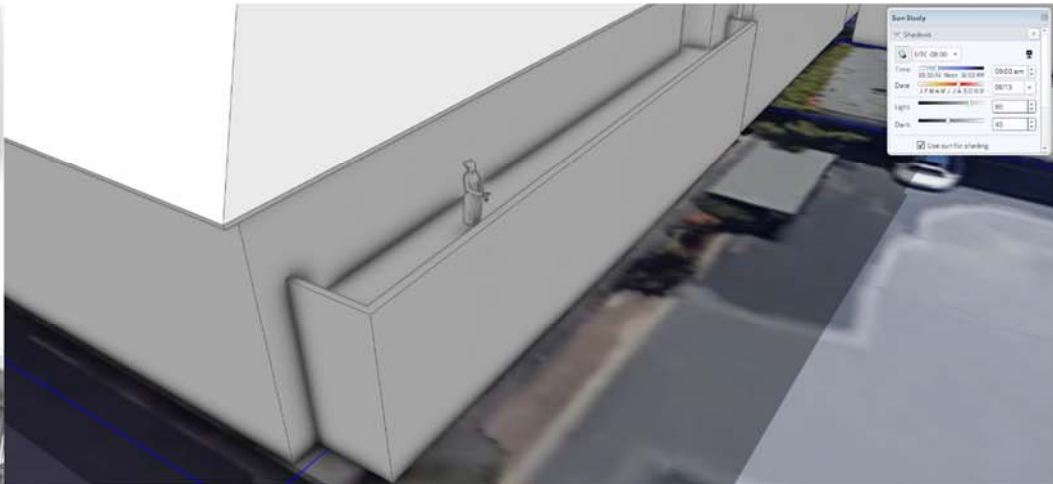
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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

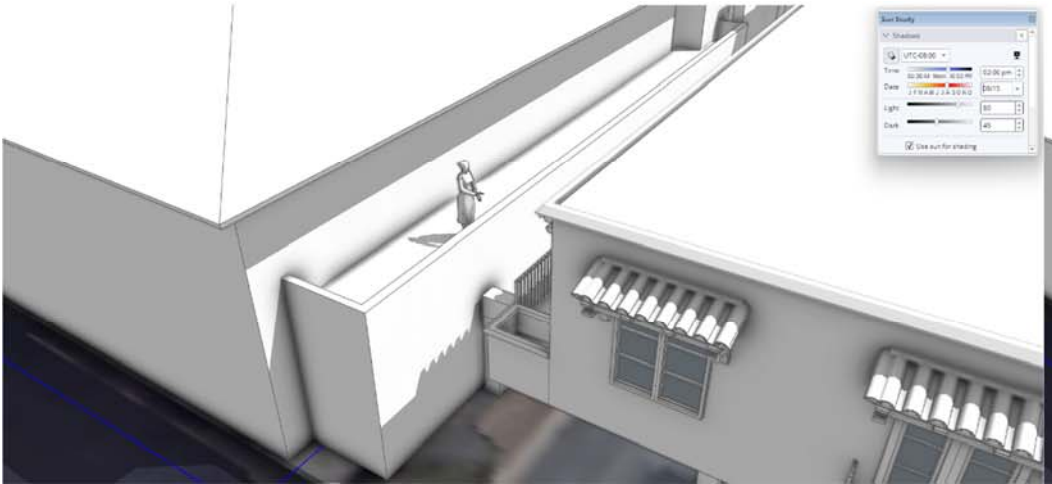
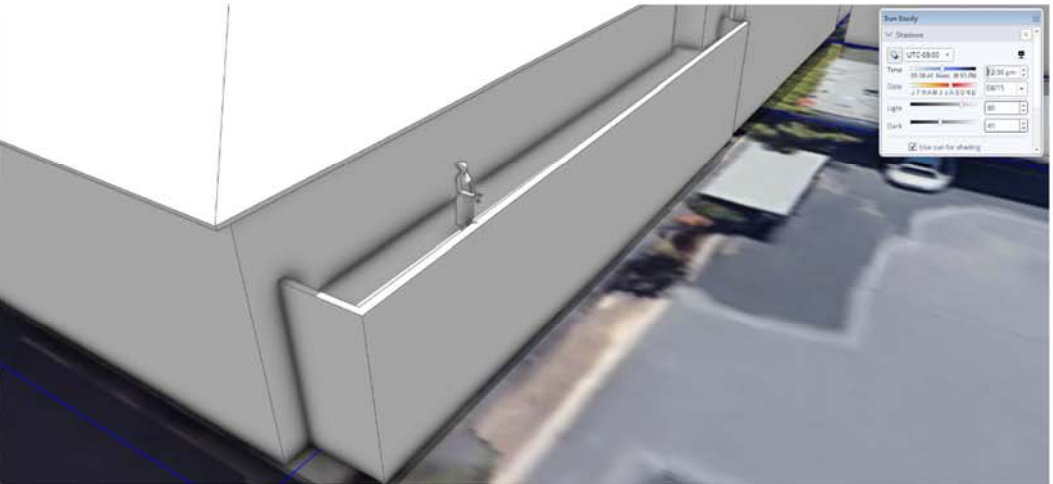
AUGUST



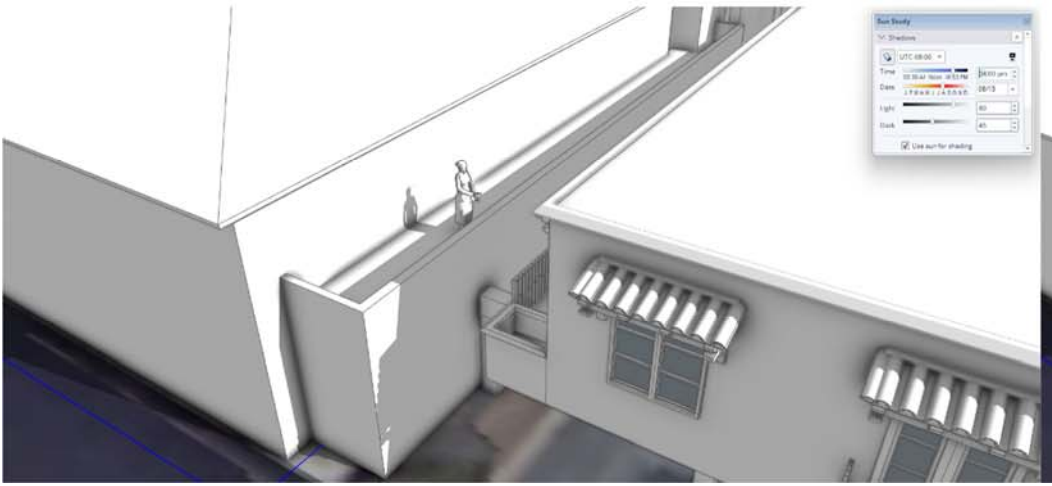
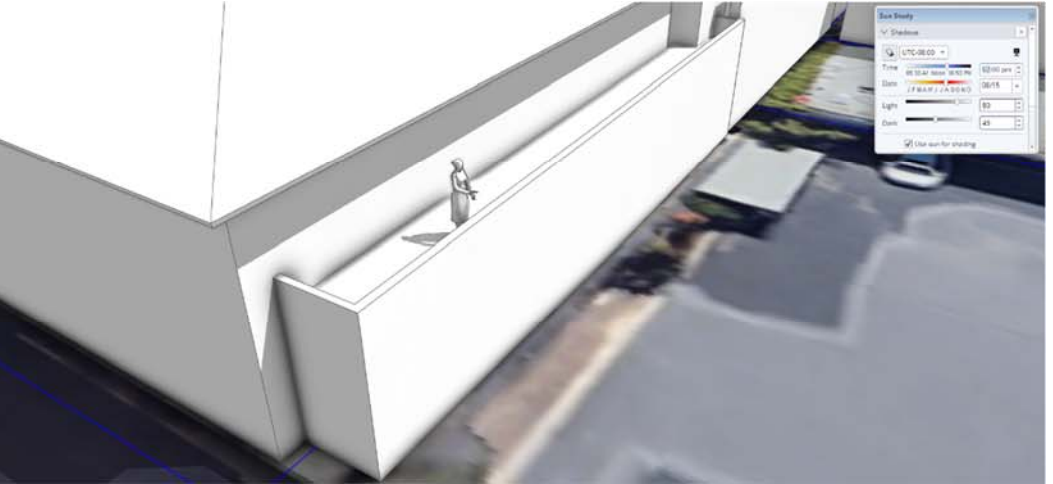
August 15, 9AM



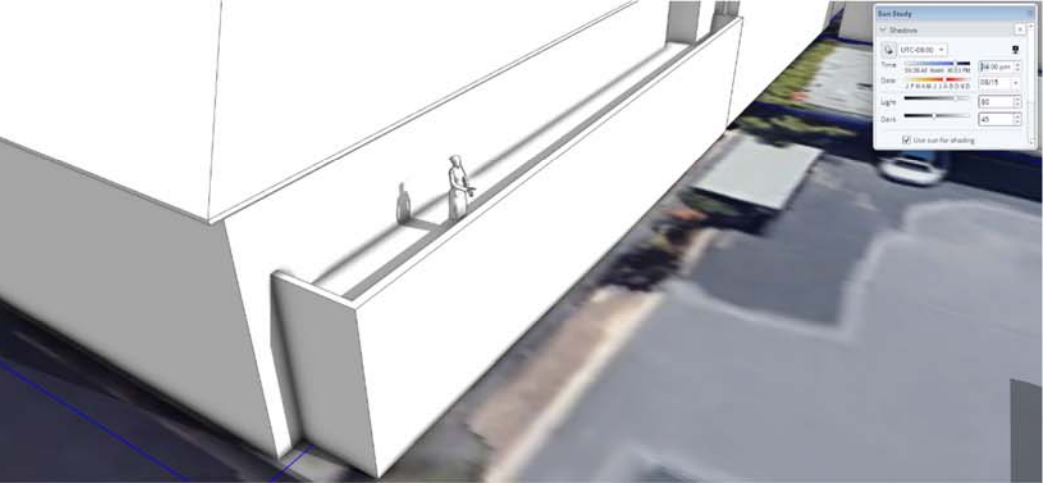
August 15, 12PM



August 15, 2PM



August 15, 4PM

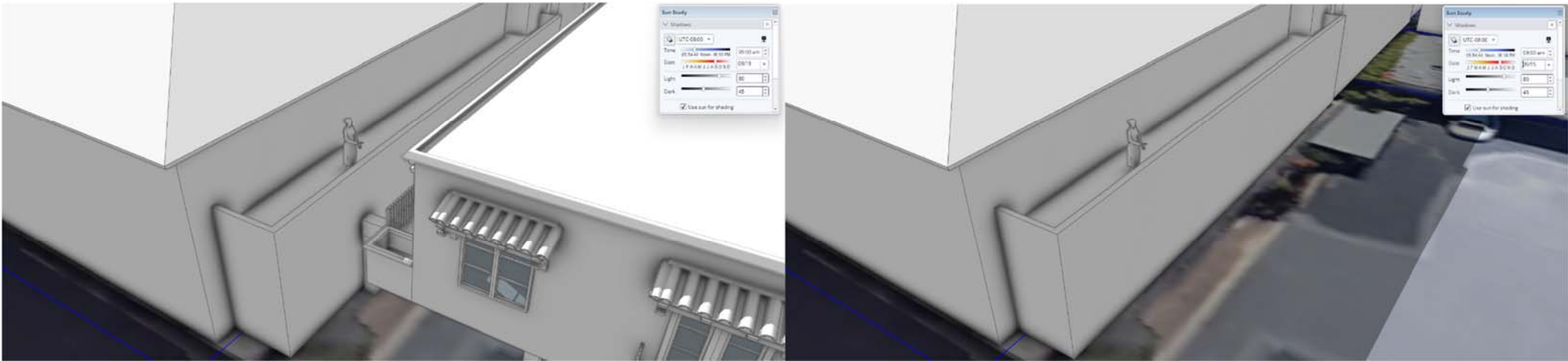




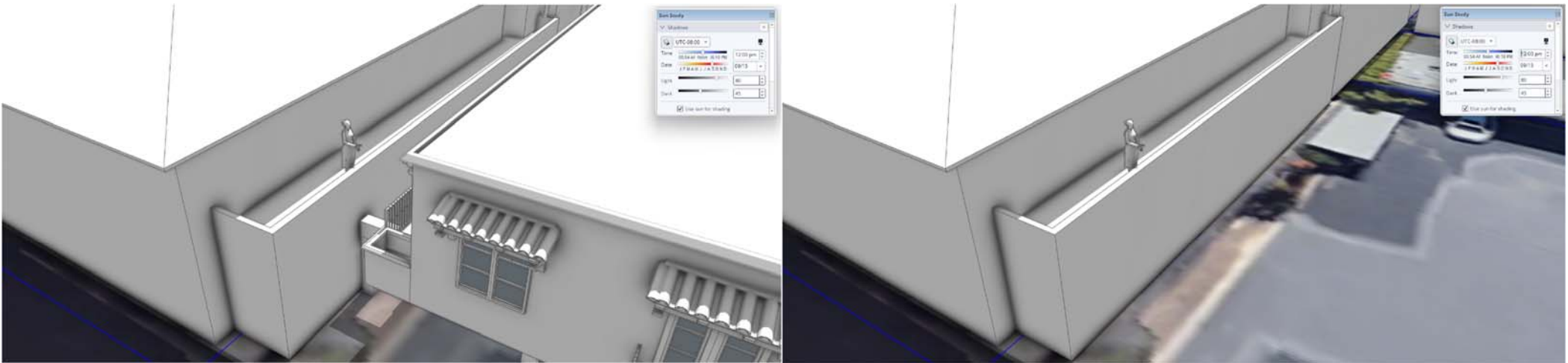
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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

SEPTEMBER



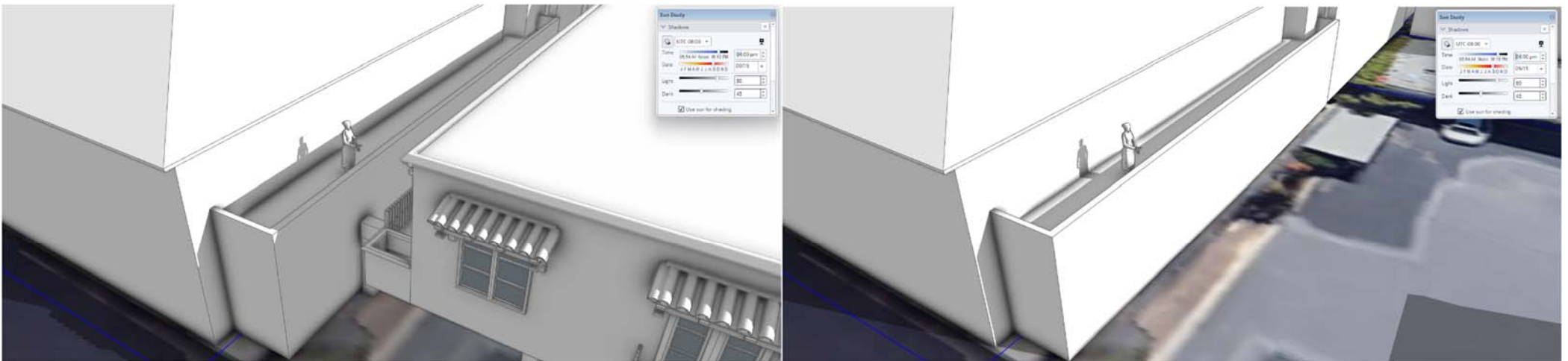
September 15, 9AM



September 15, 12PM



September 15, 2PM



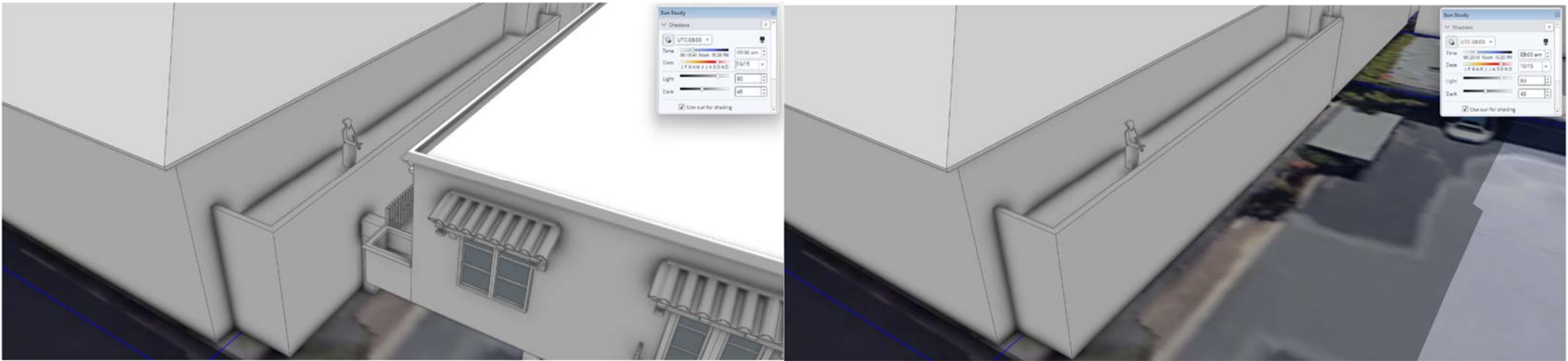
September 15, 4PM



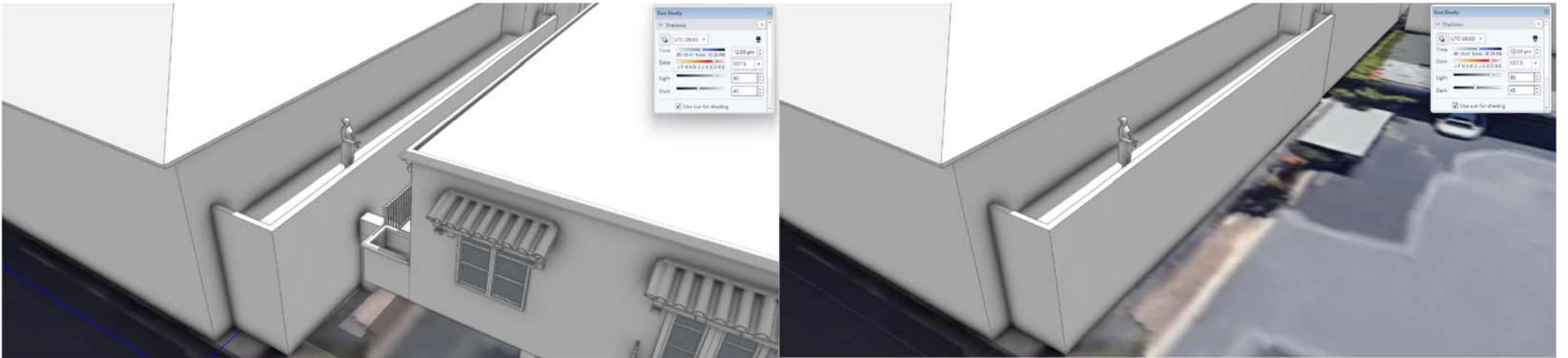
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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

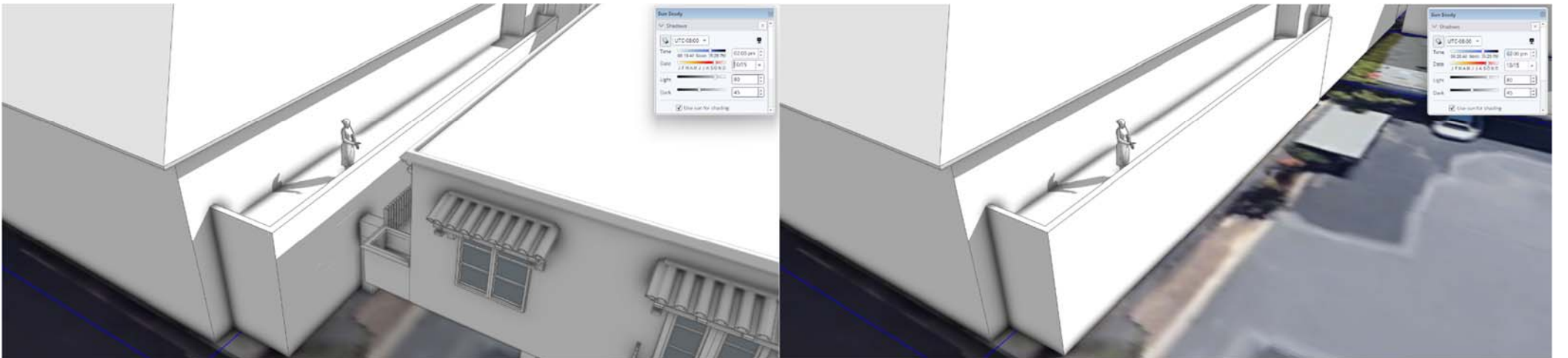
OCTOBER



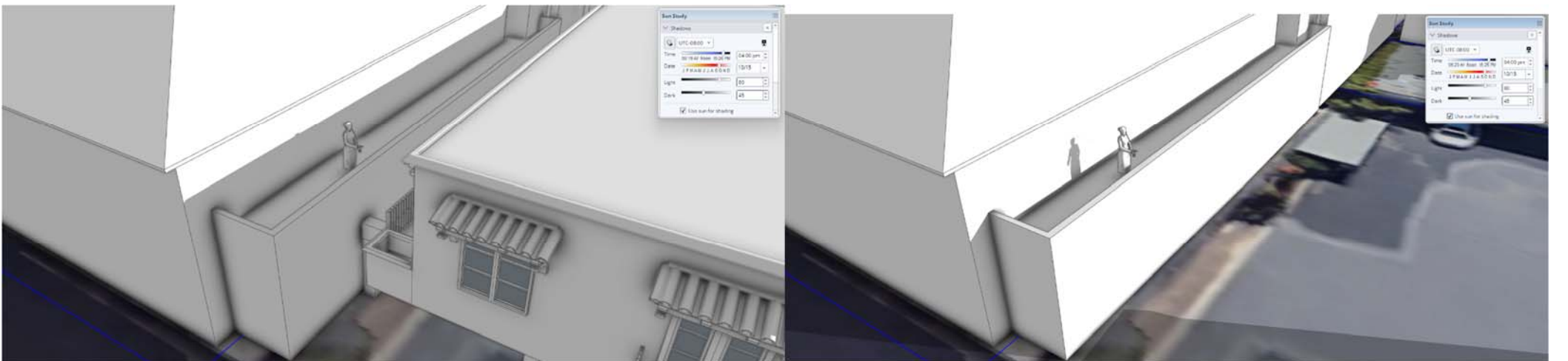
October 15, 9AM



October 15, 12PM



October 15, 2PM



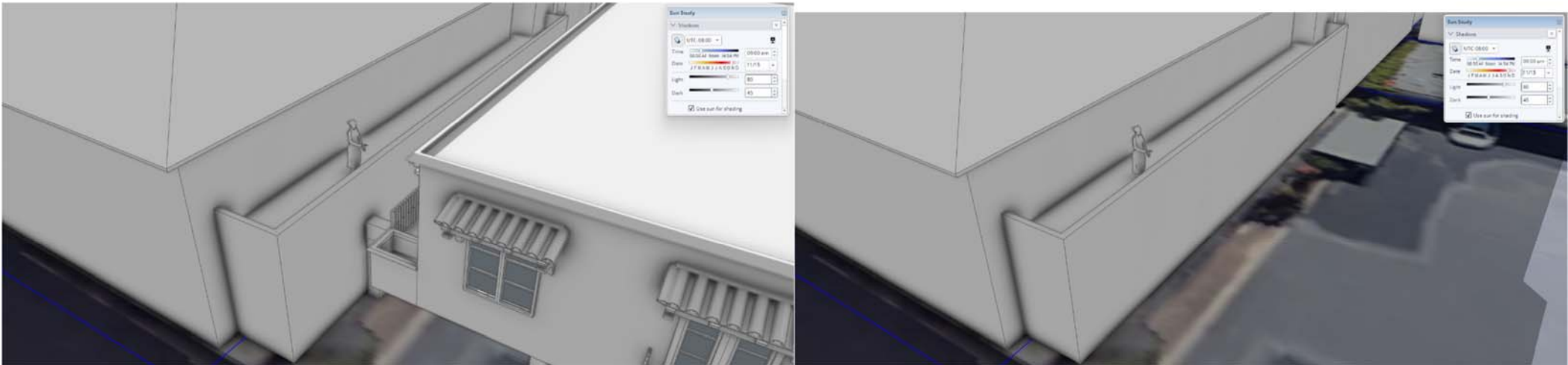
October 15, 4PM



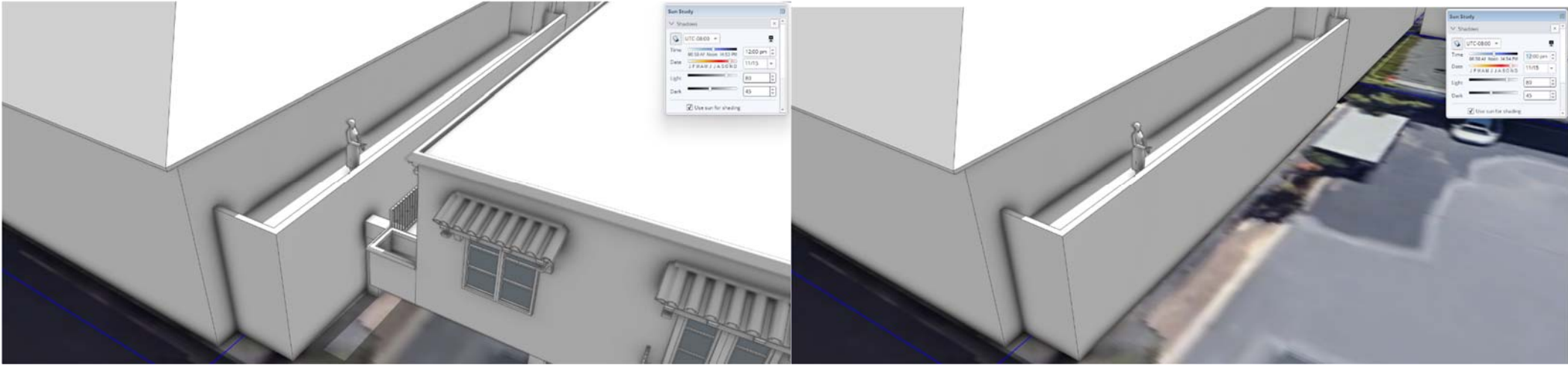
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ARCHITECTURE ■ INTERIOR DESIGN

PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

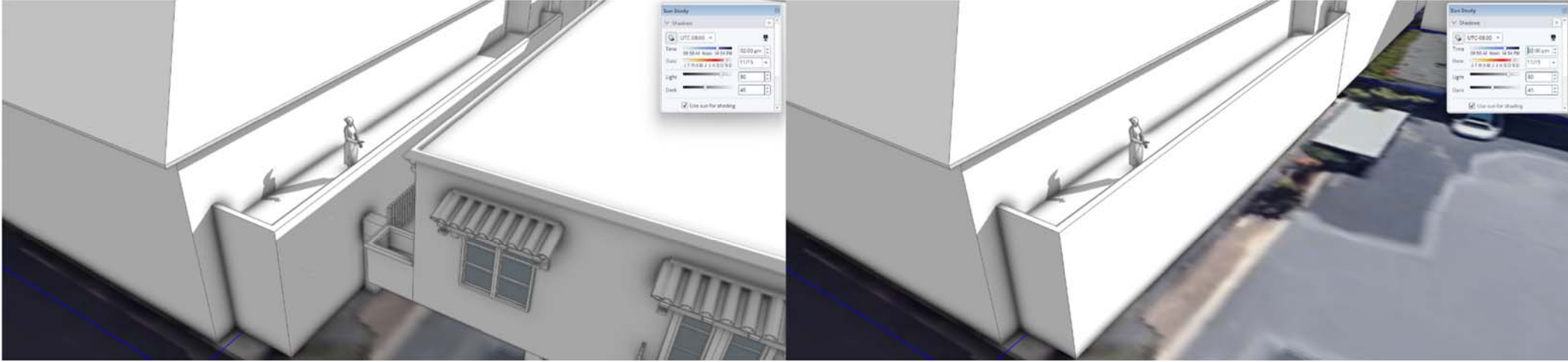
NOVEMBER



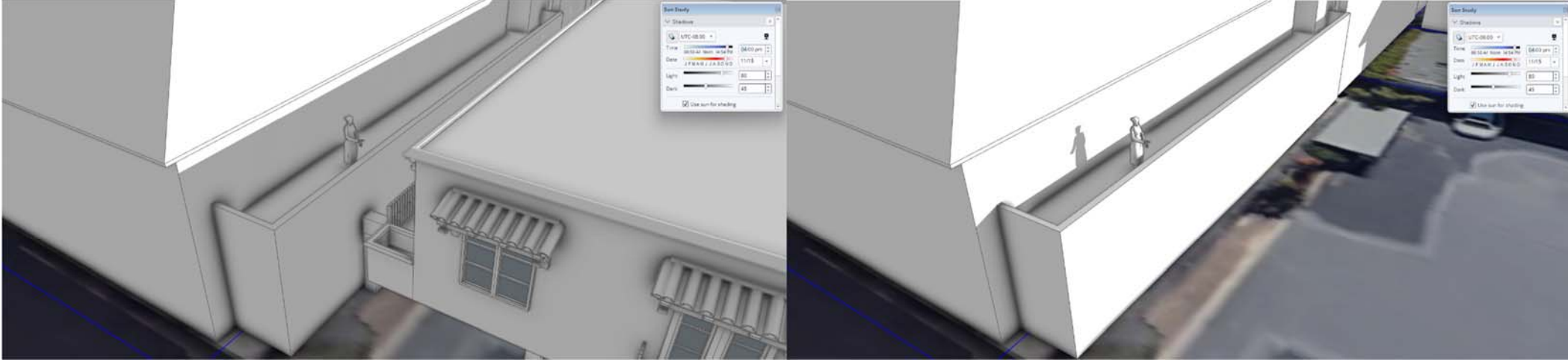
November 15, 9AM



November 15, 12PM



November 15, 2PM



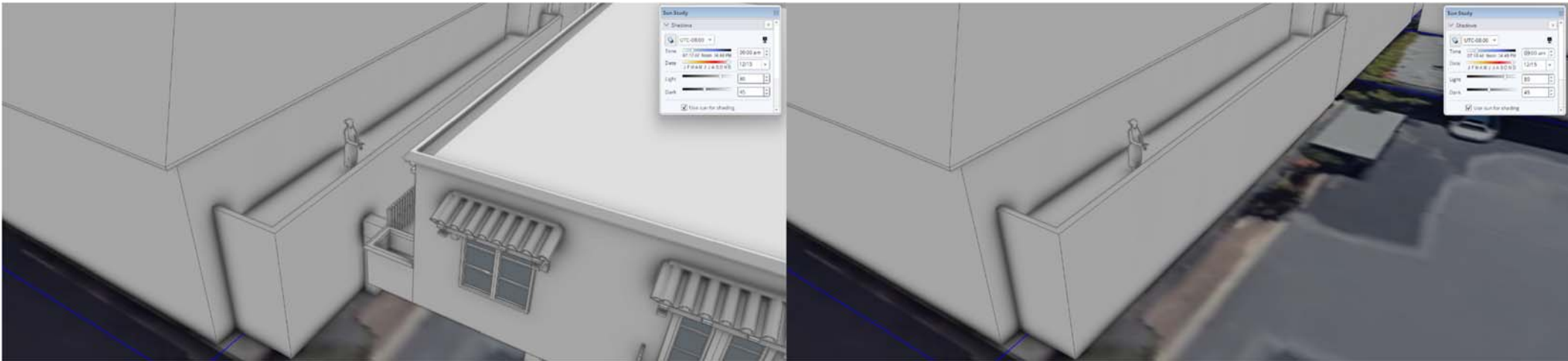
November 15, 4PM



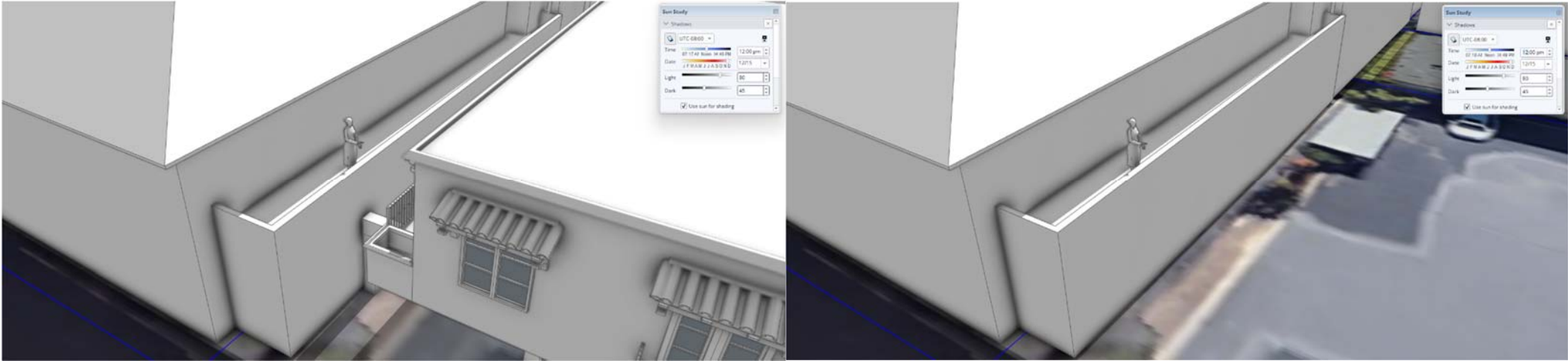
INTERNATIONAL DESIGN GROUP
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PROJECTED SHADE CONDITIONS FOR 2025
Proposed Conditions (Left) / Existing Conditions (Right)

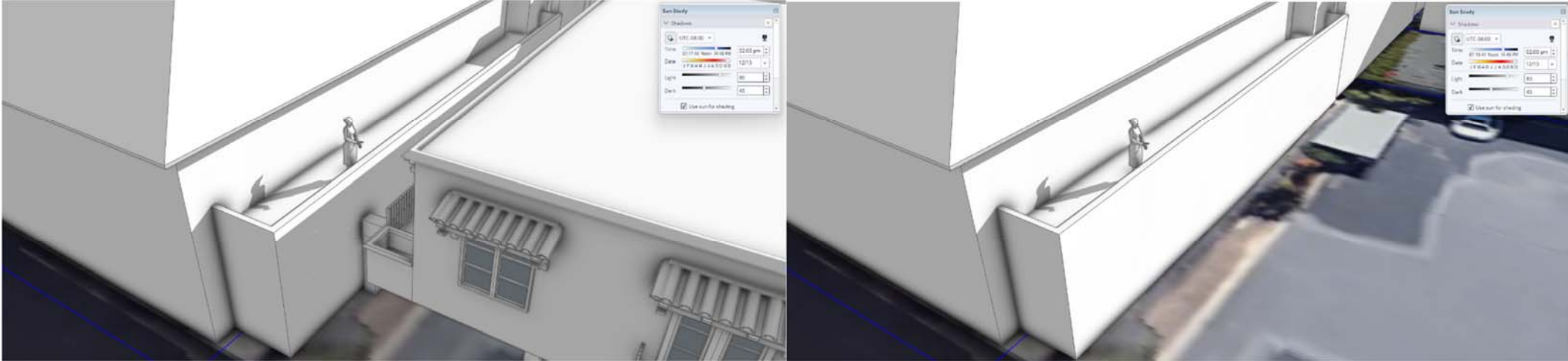
DECEMBER



December 15, 9AM



December 15, 12PM



December 15, 2PM



December 15, 4PM



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Exhibit C

