



3D VIEW

For Illustration Only - Not for Construction

Addition + Alteration

Single Family with Accessory Dwelling Unit

Issuance: BZA - 1208 Solar Study
 Date: 28 August 2024
 Address: 1210 Ingraham St. N.W.
 Washington, D.C. 20011

Project Narrative:

1208 Solar Study

- Rear addition only to 1210 Ingraham St. N.W.
- No New Shadows cast on existing solar panels at 1208 Ingraham St. N.W.
- Top row shows Existing Conditions. Bottom Row shows the proposed condition at the same hour.
- Red poche shows existing shadow cast. Blue poche would show new shadow.

CLIENT / OWNER

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DESIGN PROFESSIONAL STAMP

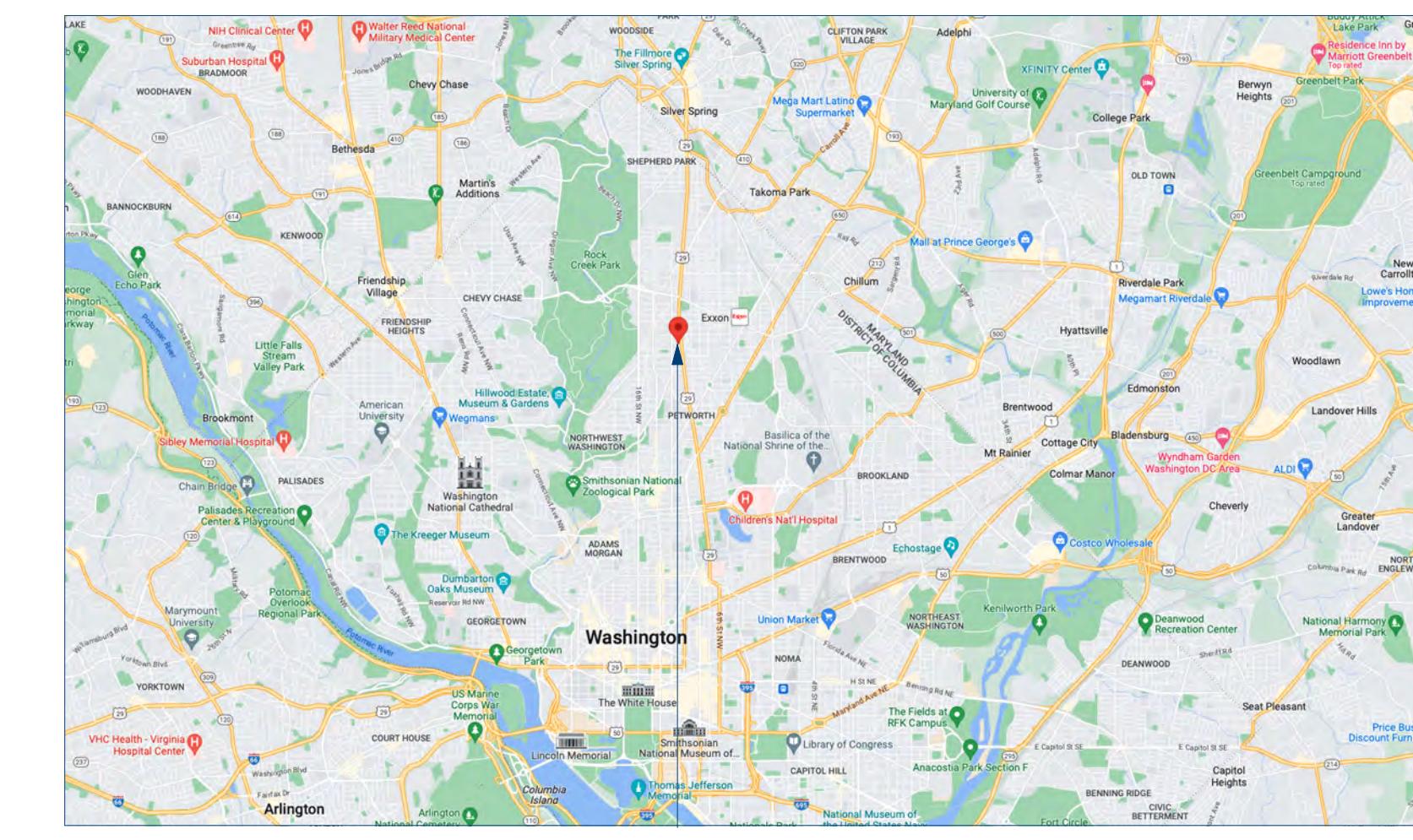
PROJECT:
**Single Family
 w/ ADU**

1210 Ingraham St. NW
 Washington, DC 20011

DATE:
 28 August 2024
 PROJECT NO:
 23.15

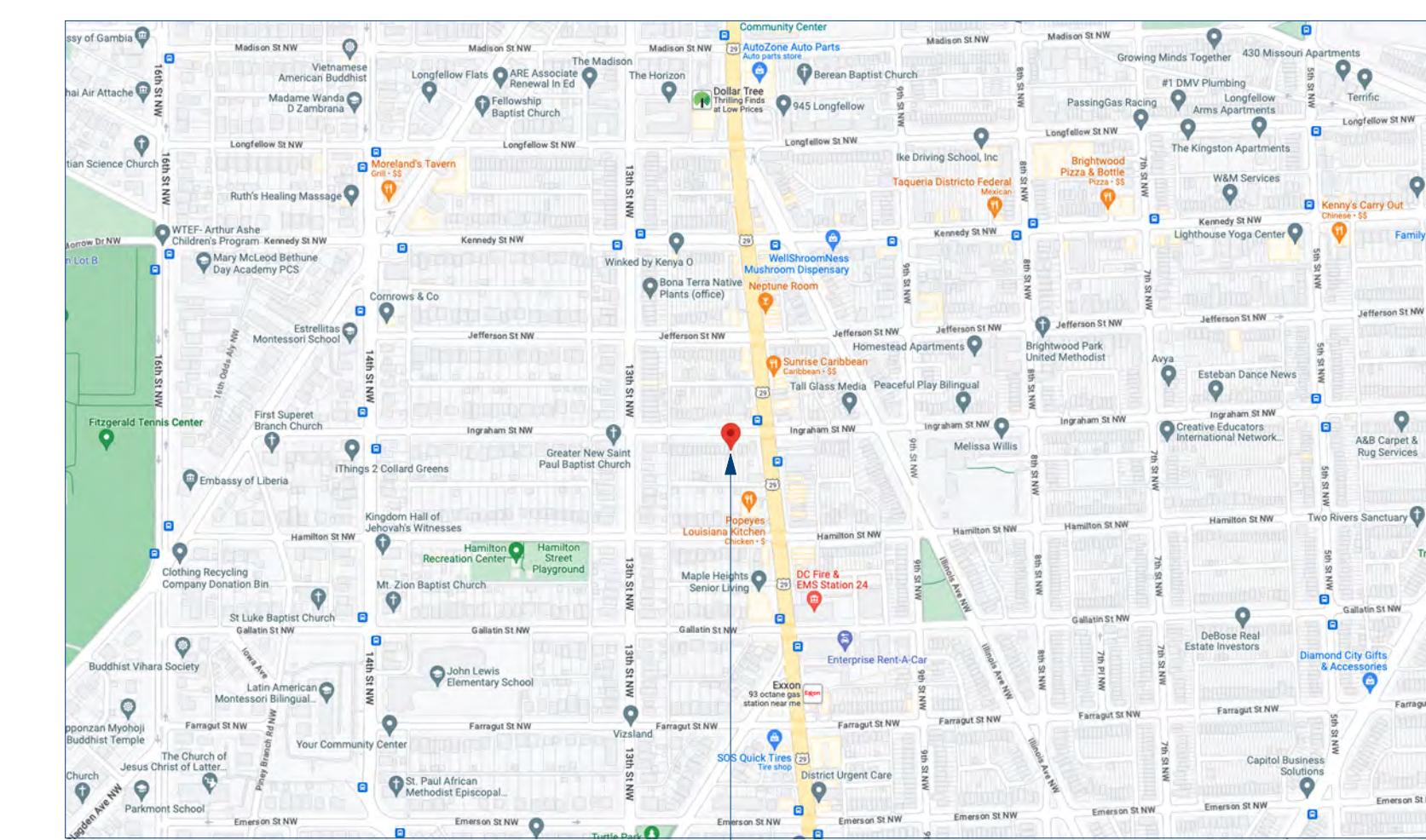
REV.
 DATE

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City Map

PROJECT LOCATION



Location Map

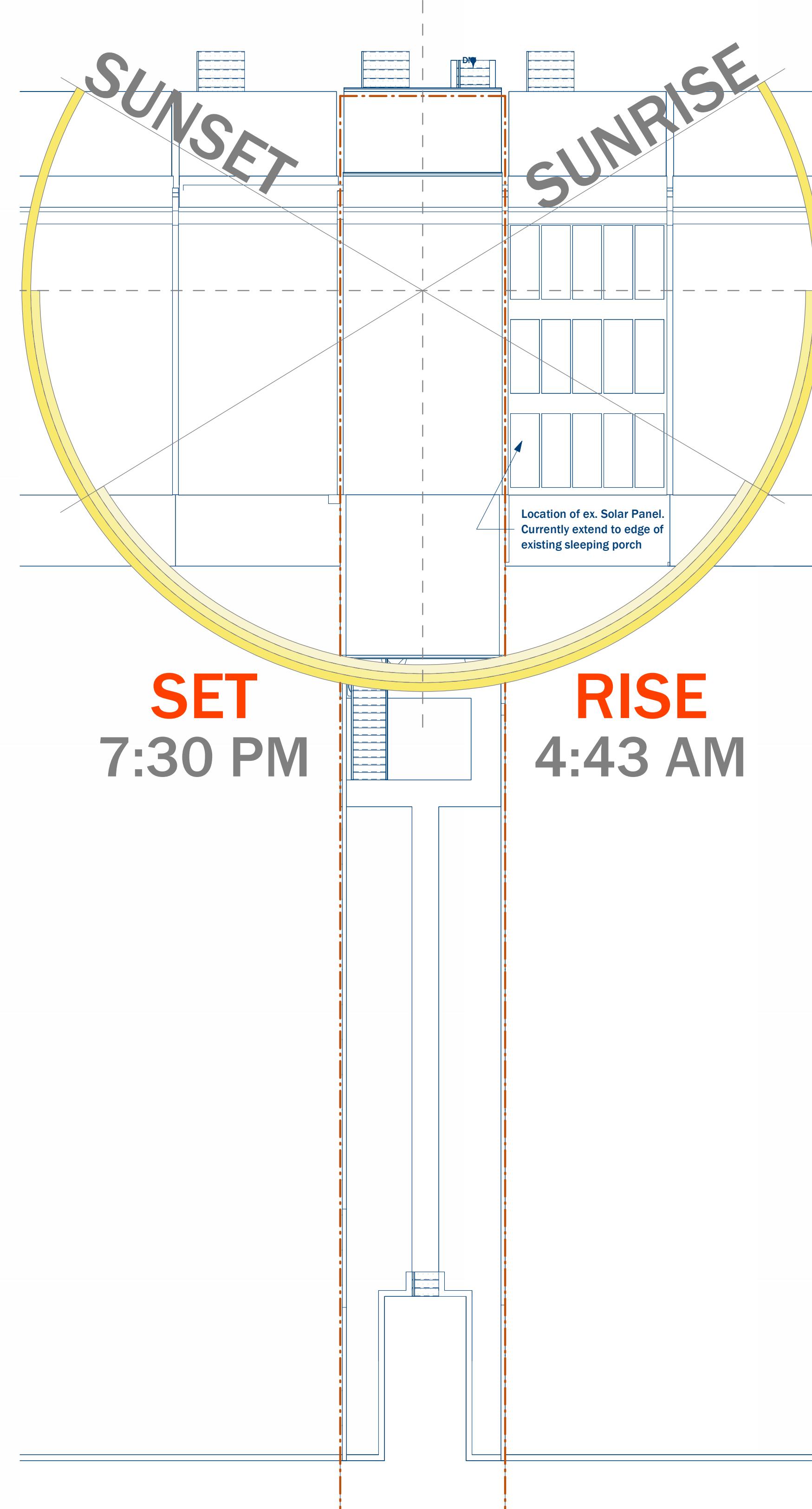
CS01
 Cover Sheet

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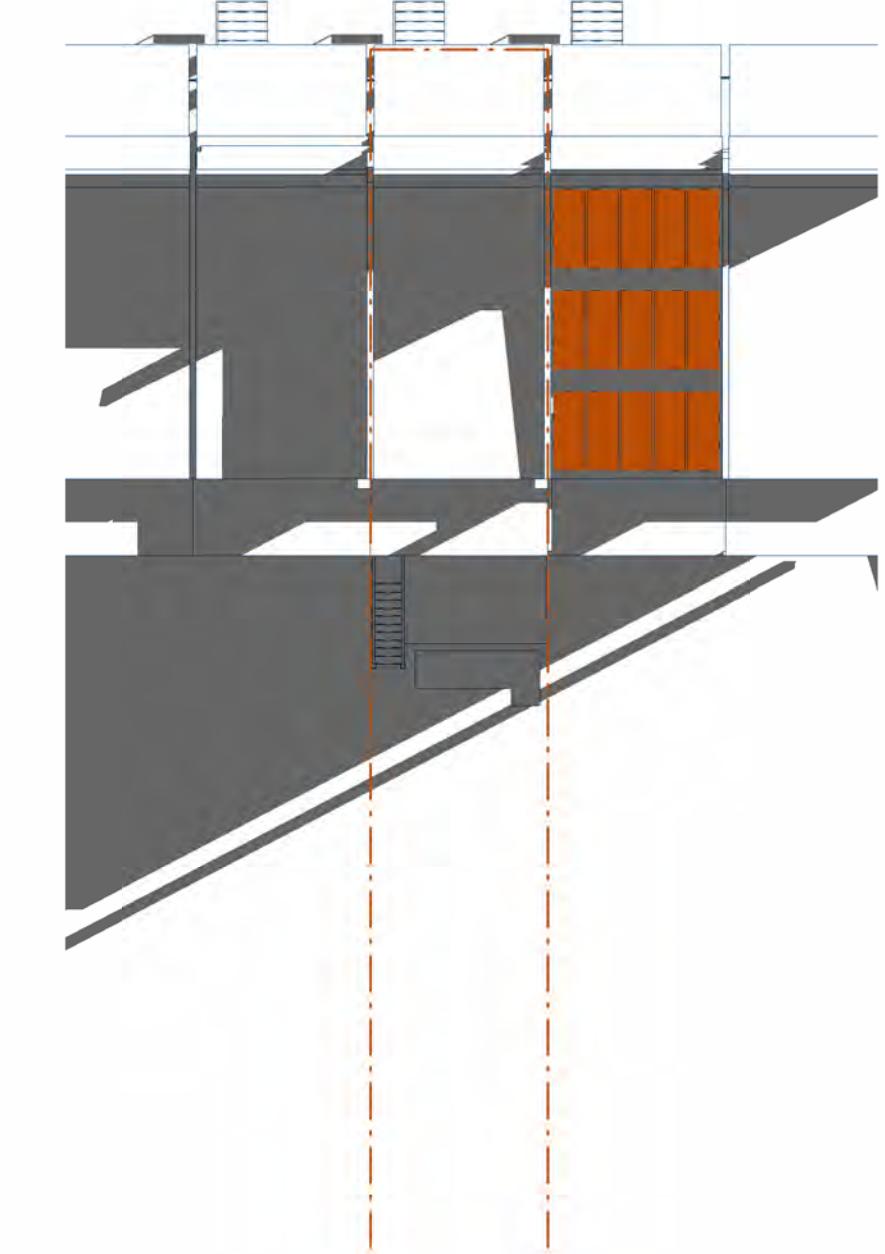


Board of Zoning Adjustment
 District of Columbia
 CASE NO.21201
 EXHIBIT NO.12

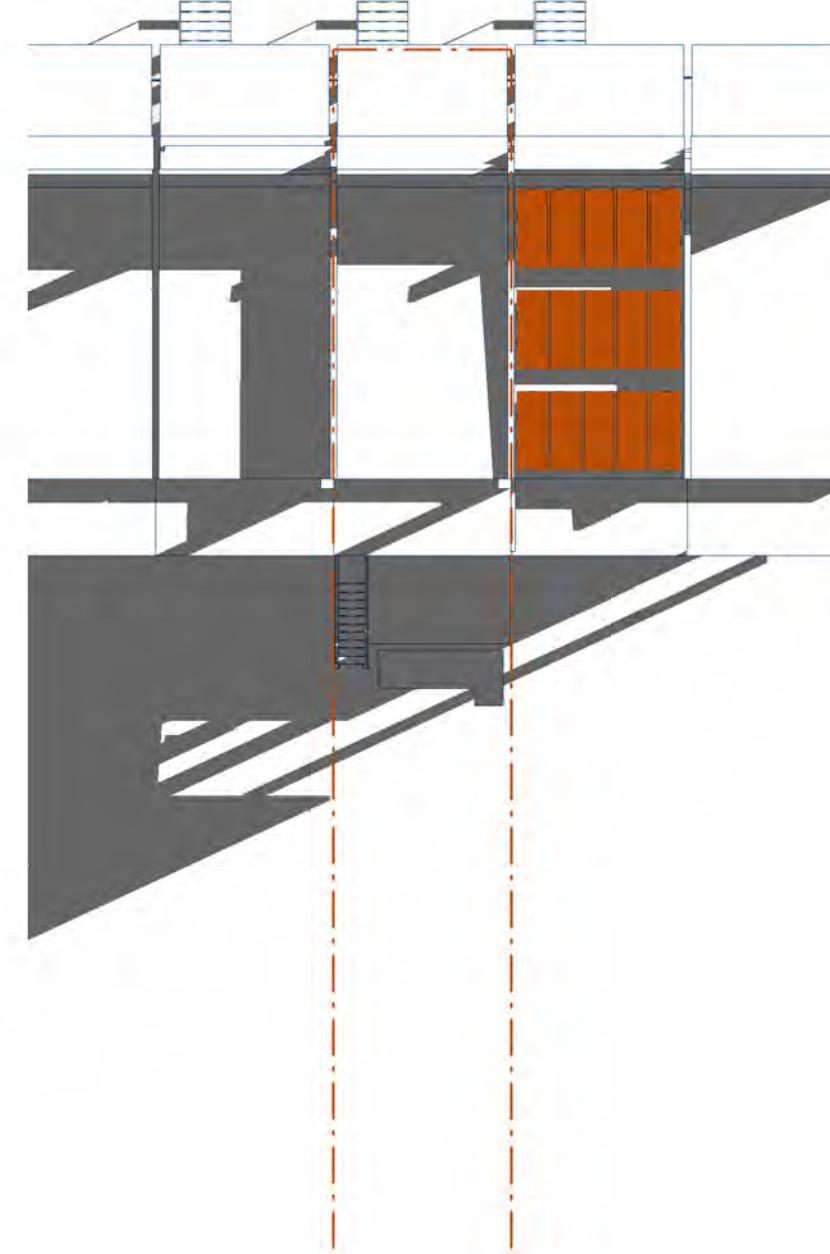


1
Solar Diagram - Summer
A901
SCALE: 1" = 10'-0"

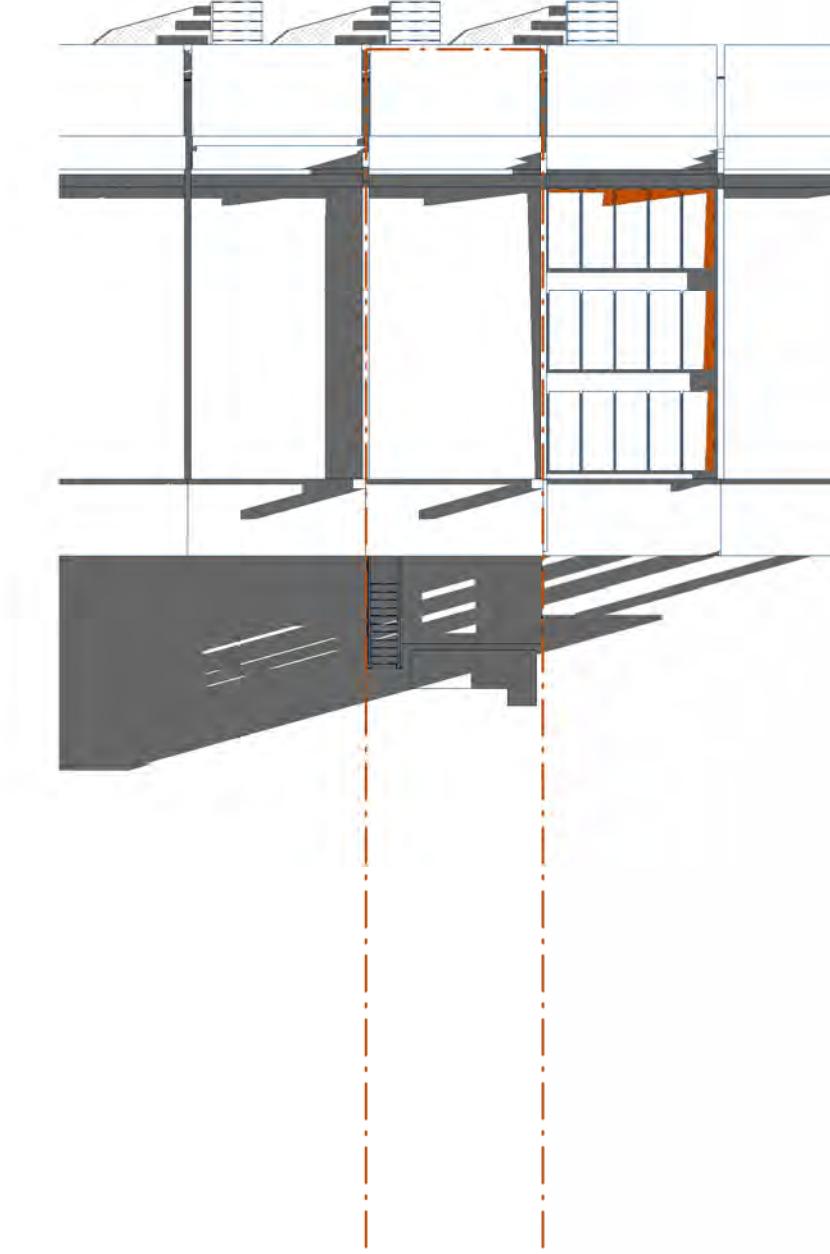
3
S01 - Summer - Sunrise - 4:43 AM
A901
SCALE: 1" = 20'-0"



5
S02 - Summer - 5 AM
A901
SCALE: 1" = 20'-0"



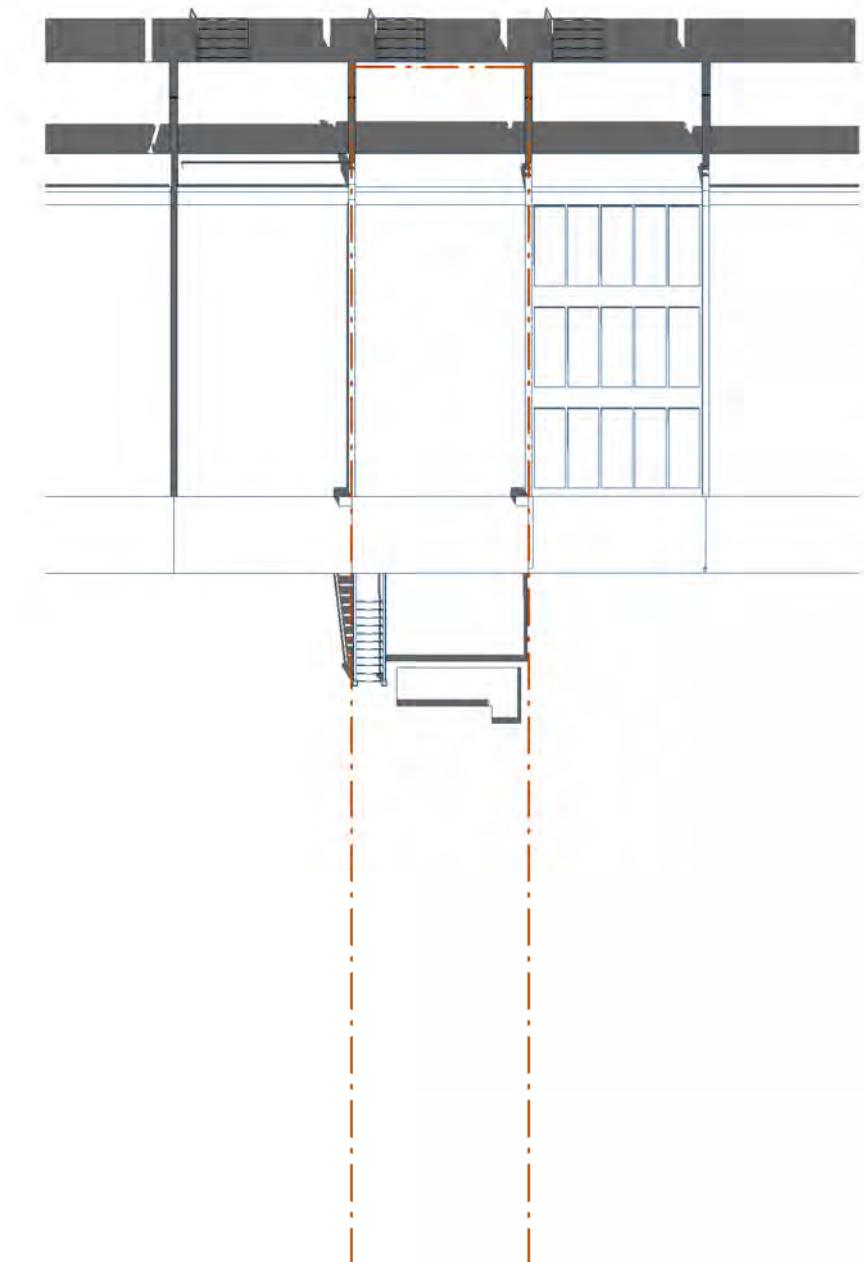
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S03 - Summer - 6 AM
A901
SCALE: 1" = 20'-0"



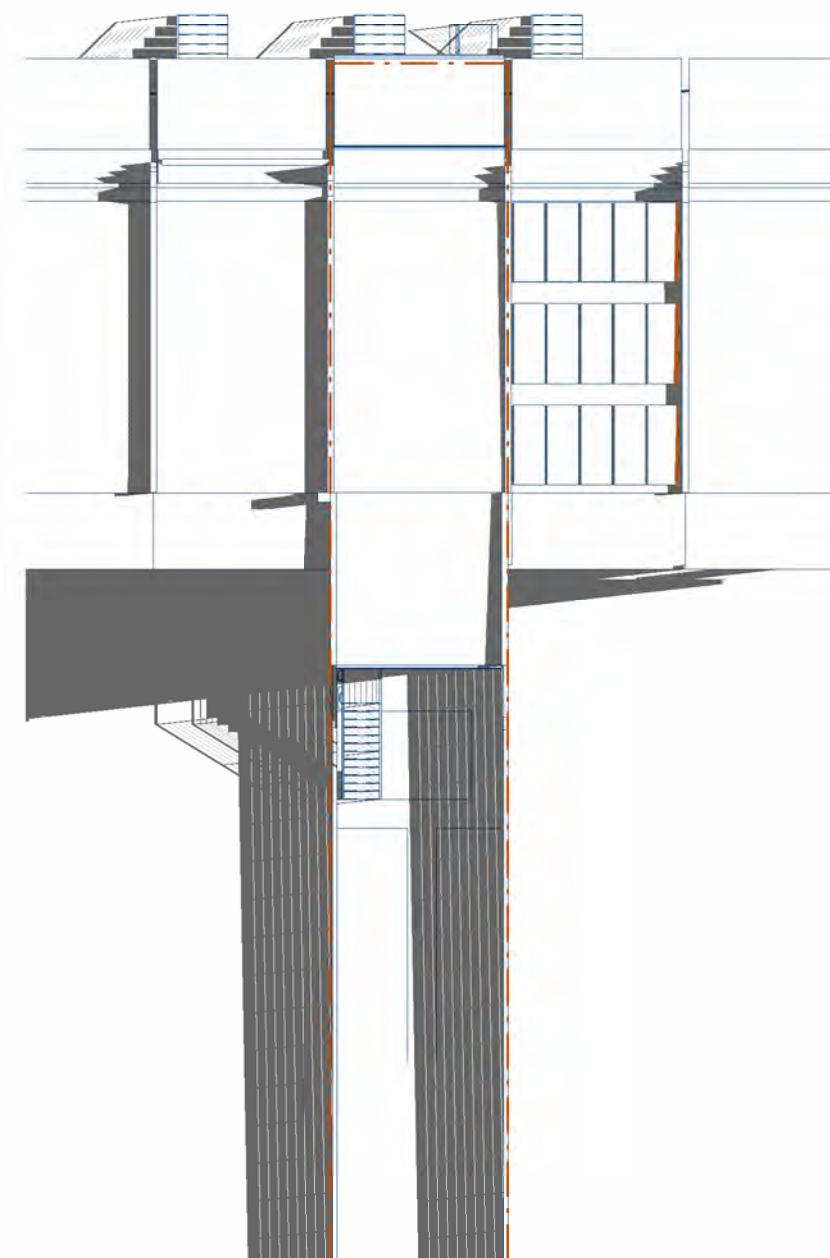
A901
Solar Studies - Summer Solstice 1
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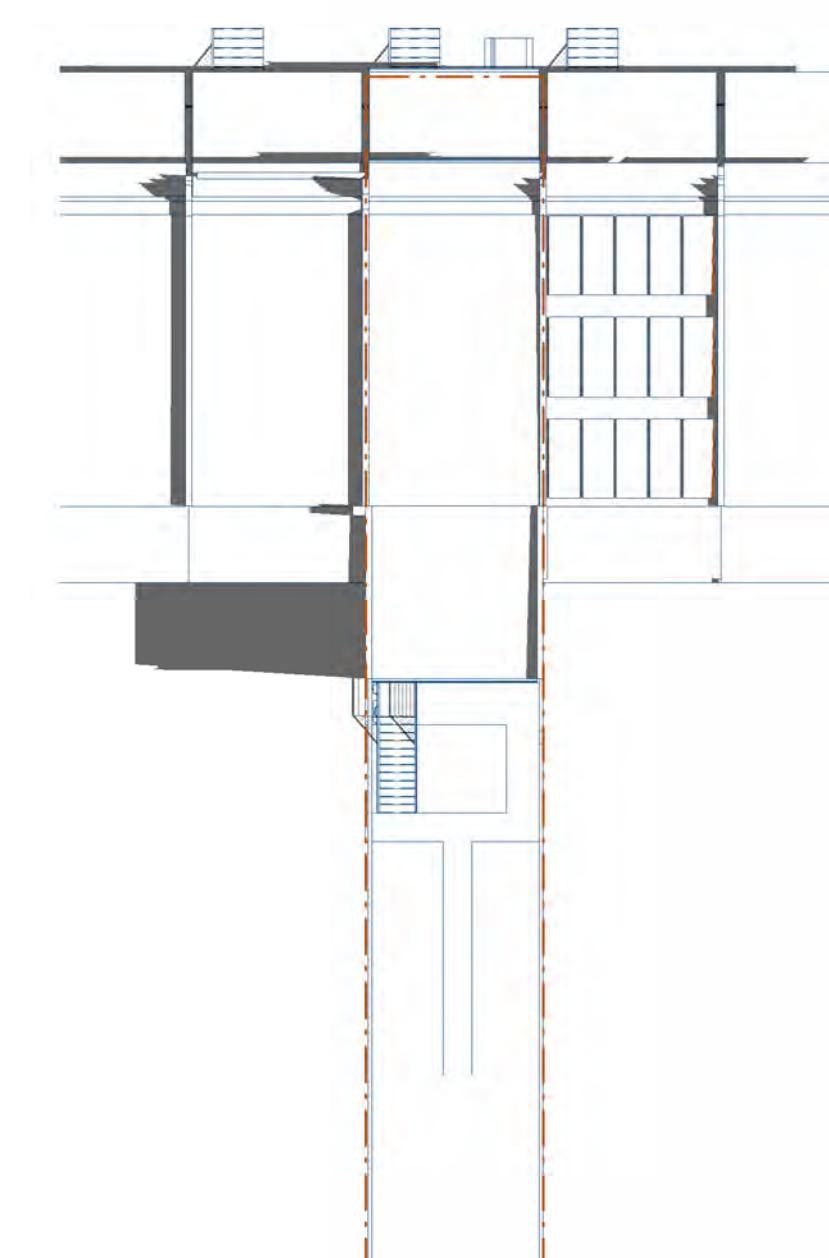




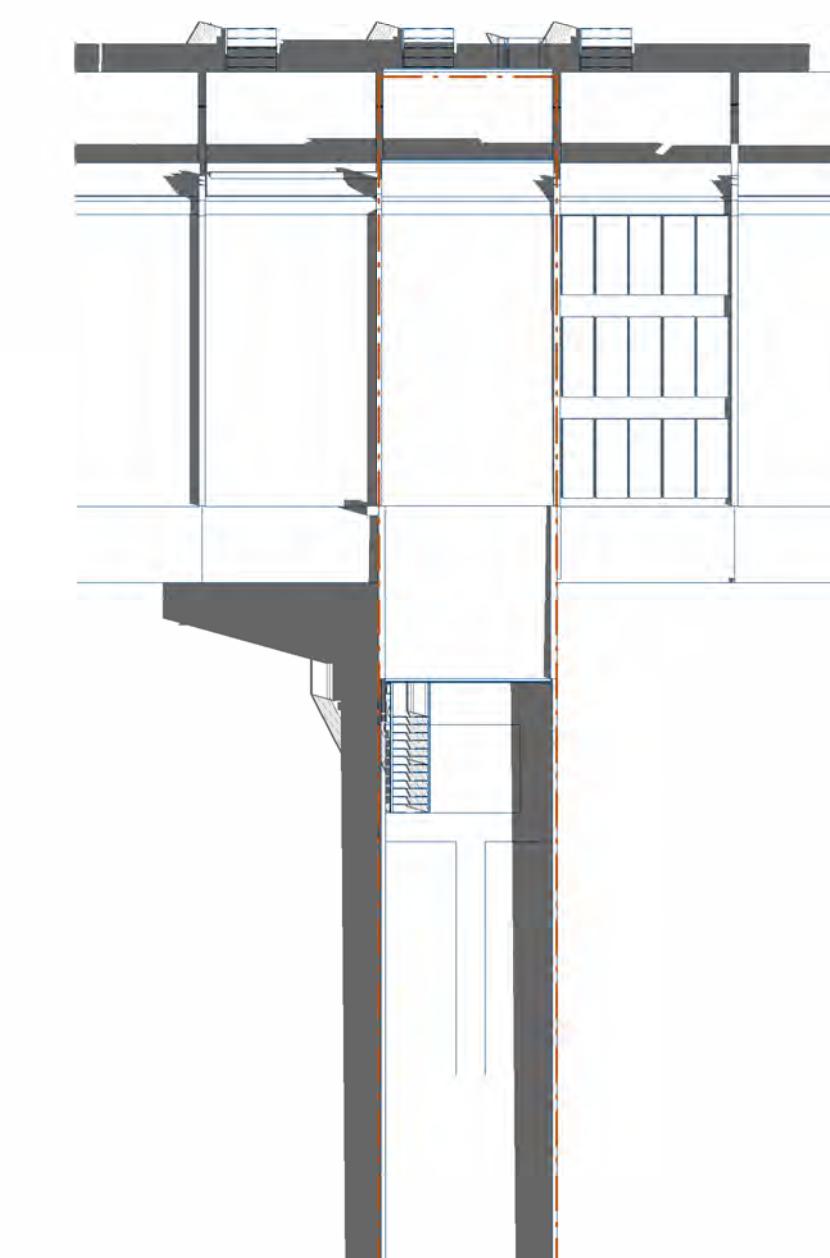
1 Ex. S04 - Summer - 7 AM
A902 SCALE: 1" = 20'-0"



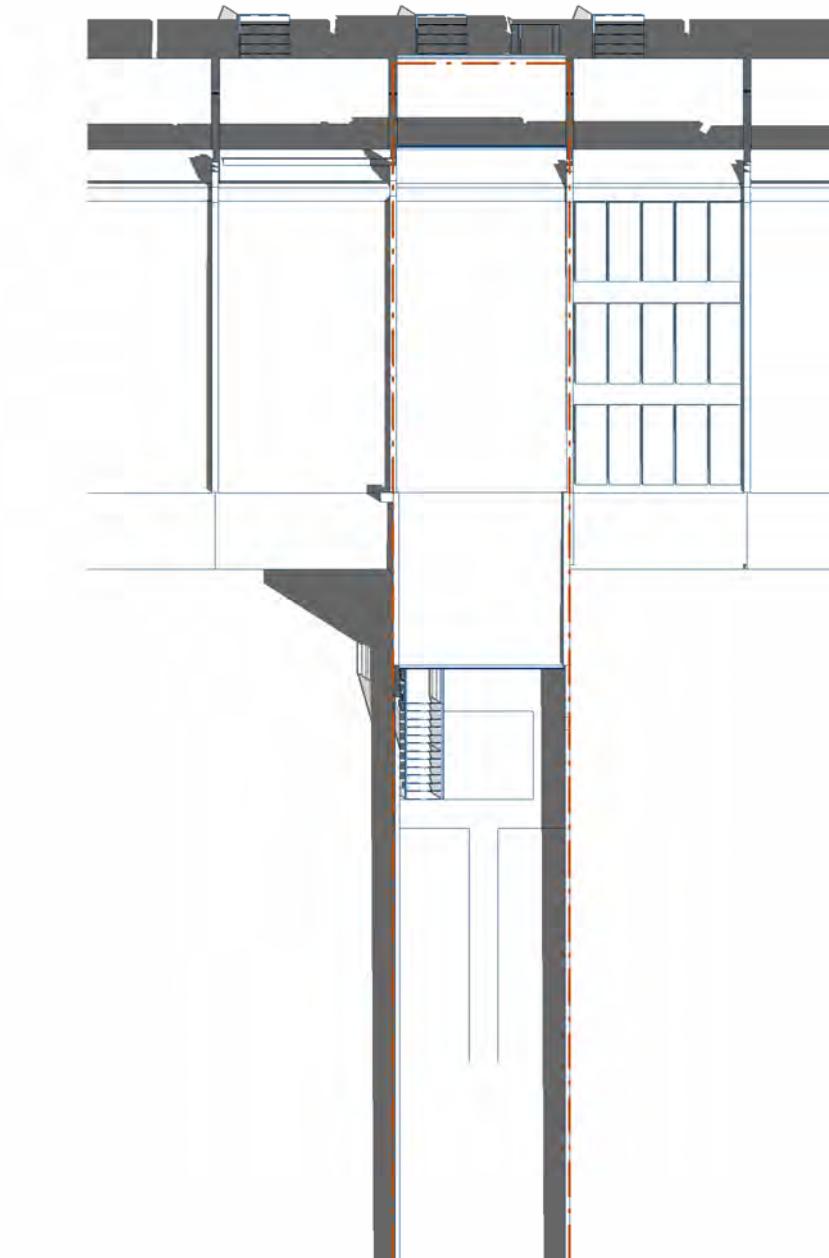
2 Ex. S05 - Summer - 8 AM
A902 SCALE: 1" = 20'-0"



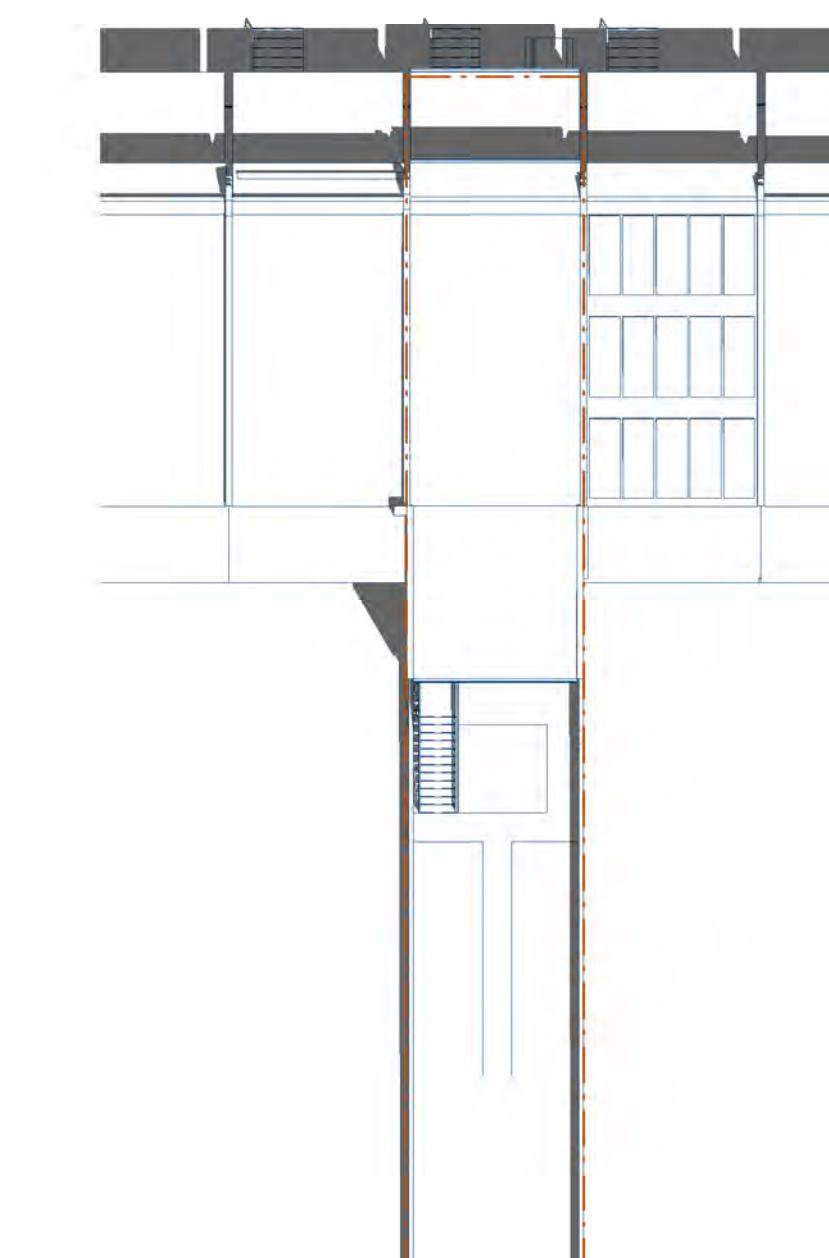
3 Ex. S06 - Summer - 9 AM
A902 SCALE: 1" = 20'-0"



4 Ex. S07 - Summer - 10 AM
A902 SCALE: 1" = 20'-0"



5 Ex. S08 - Summer - 11 AM
A902 SCALE: 1" = 20'-0"



6 S04 - Summer - 7 AM
A902 SCALE: 1" = 20'-0"

7 S05 - Summer - 8 AM
A902 SCALE: 1" = 20'-0"

8 S06 - Summer - 9 AM
A902 SCALE: 1" = 20'-0"

9 S07 - Summer - 10 AM
A902 SCALE: 1" = 20'-0"

10 S08 - Summer - 11 AM
A902 SCALE: 1" = 20'-0"



A902

Solar Studies - Summer Solstice 2

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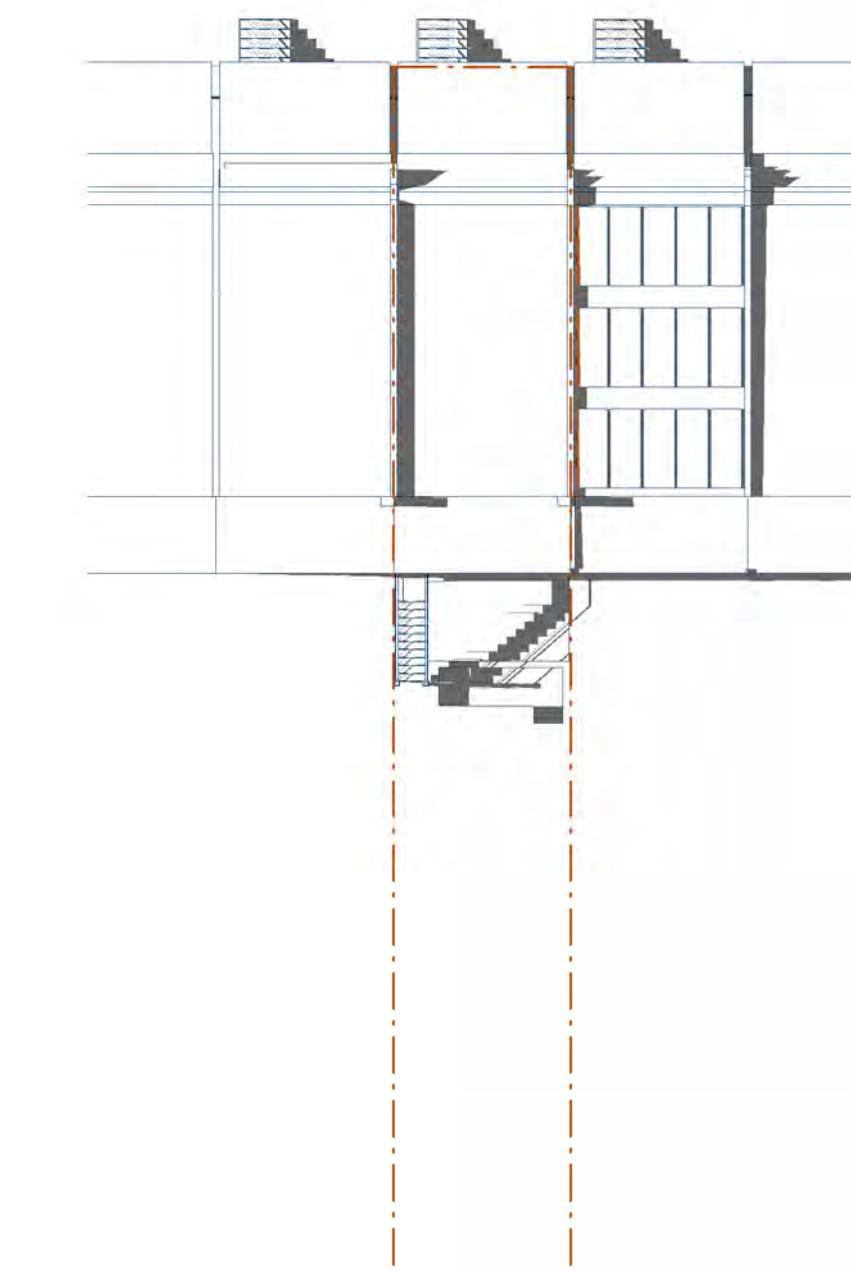
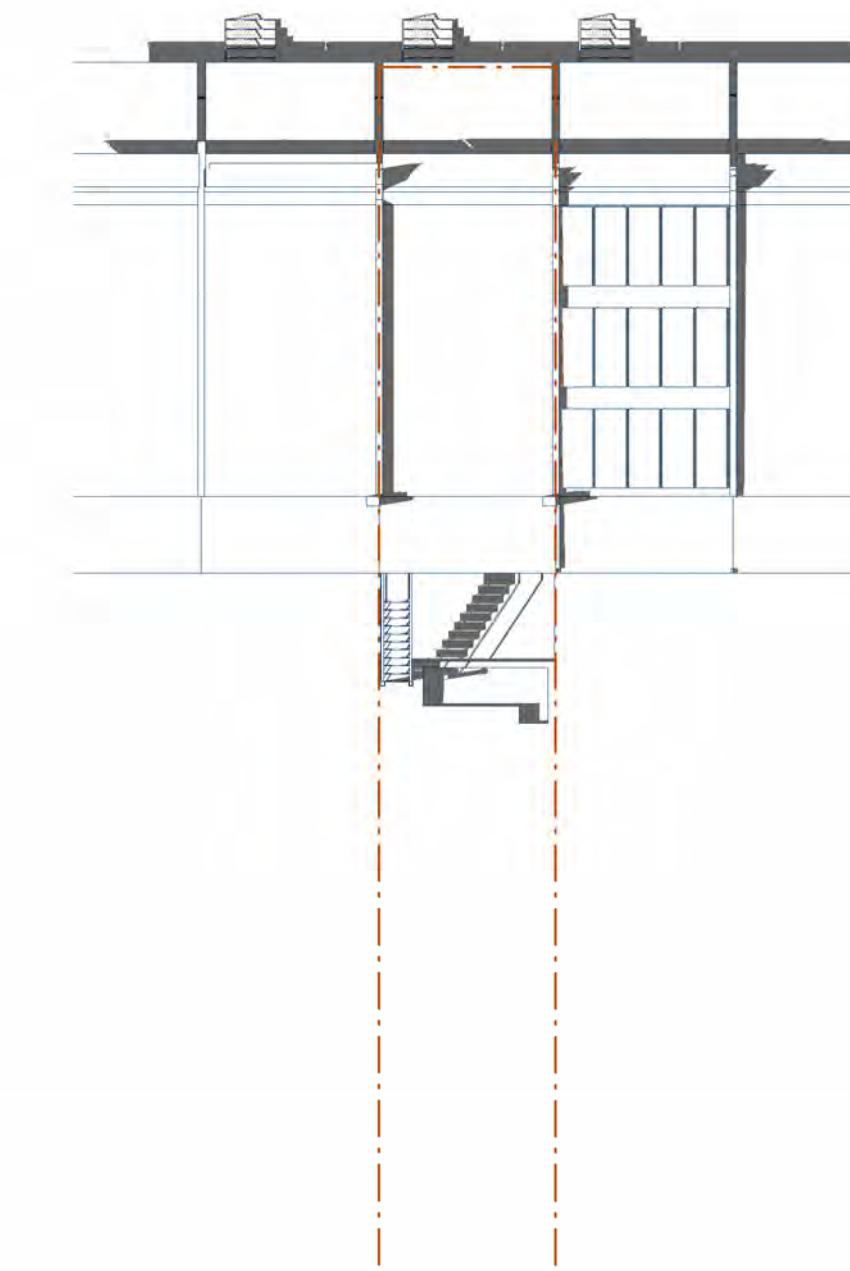
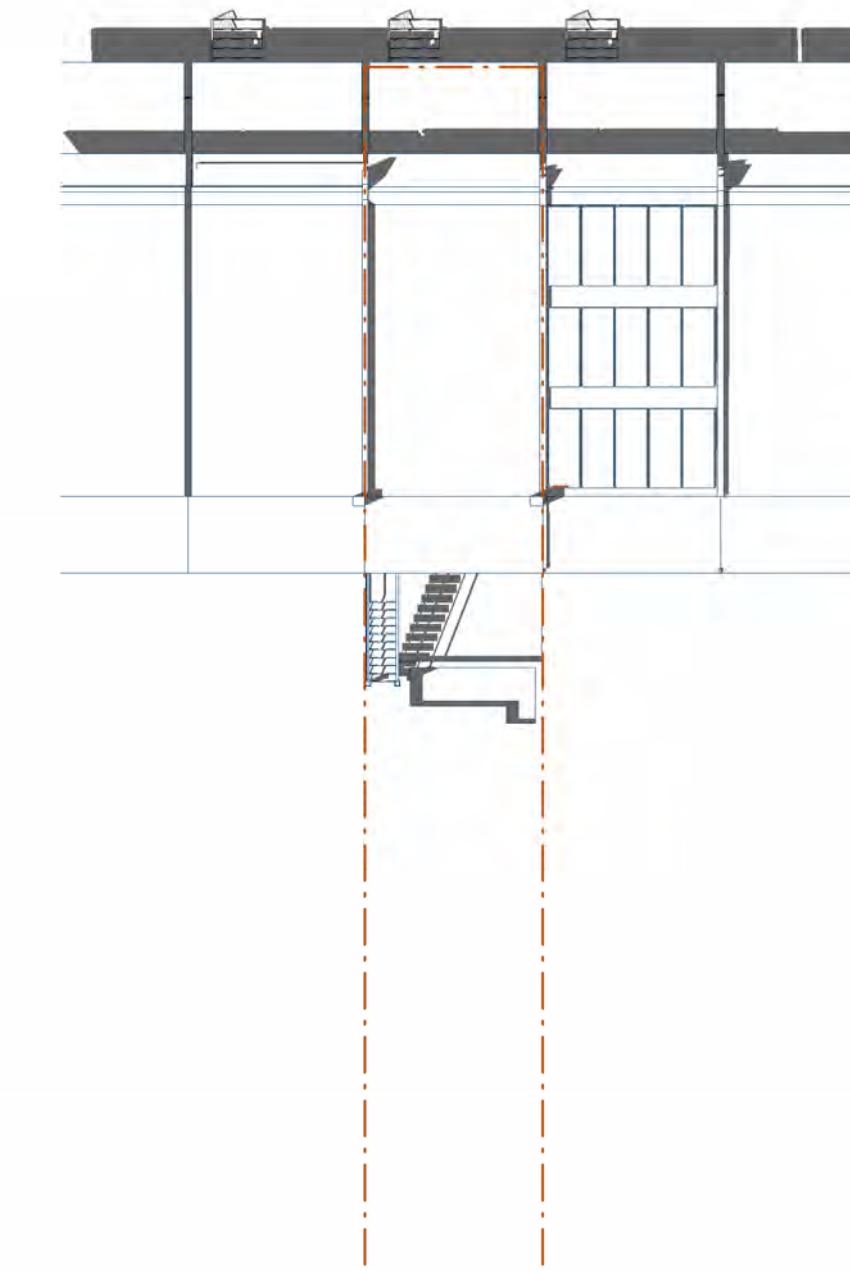
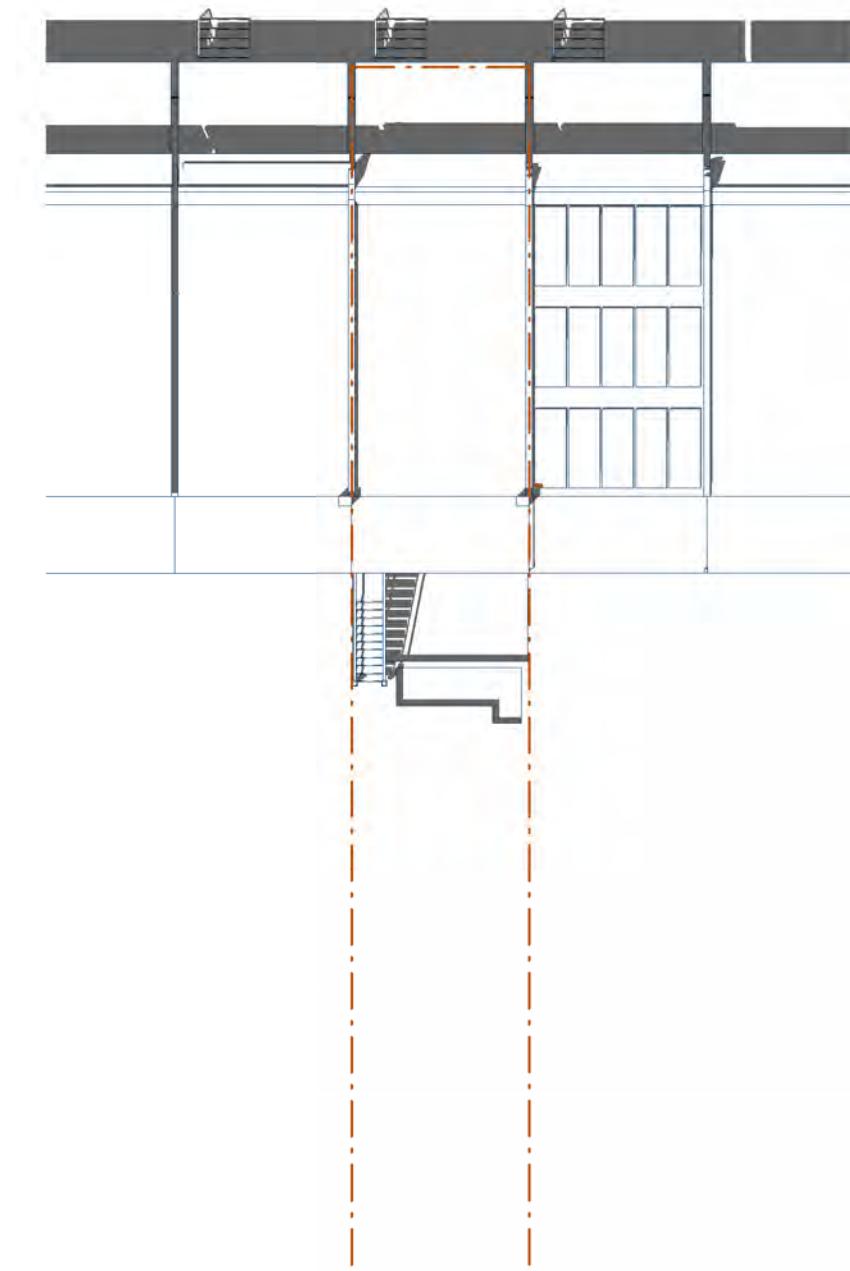
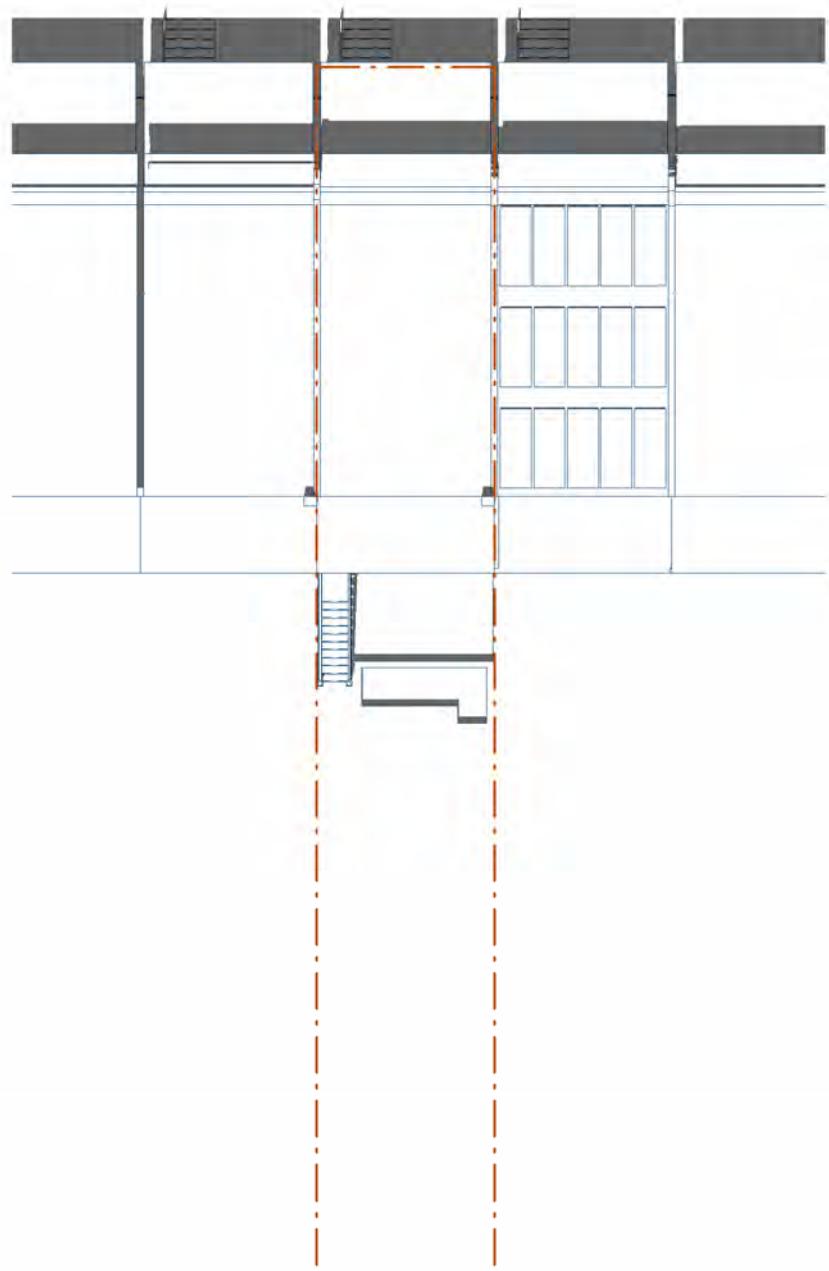
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1 Ex. S09 - Summer - 12 PM

A903

SCALE: 1" = 20'-0"

2 Ex. S10 - Summer - 1 PM

A903

SCALE: 1" = 20'-0"

3 Ex. S11 - Summer - 2 PM

A903

SCALE: 1" = 20'-0"

4 Ex. S12 - Summer - 3 PM

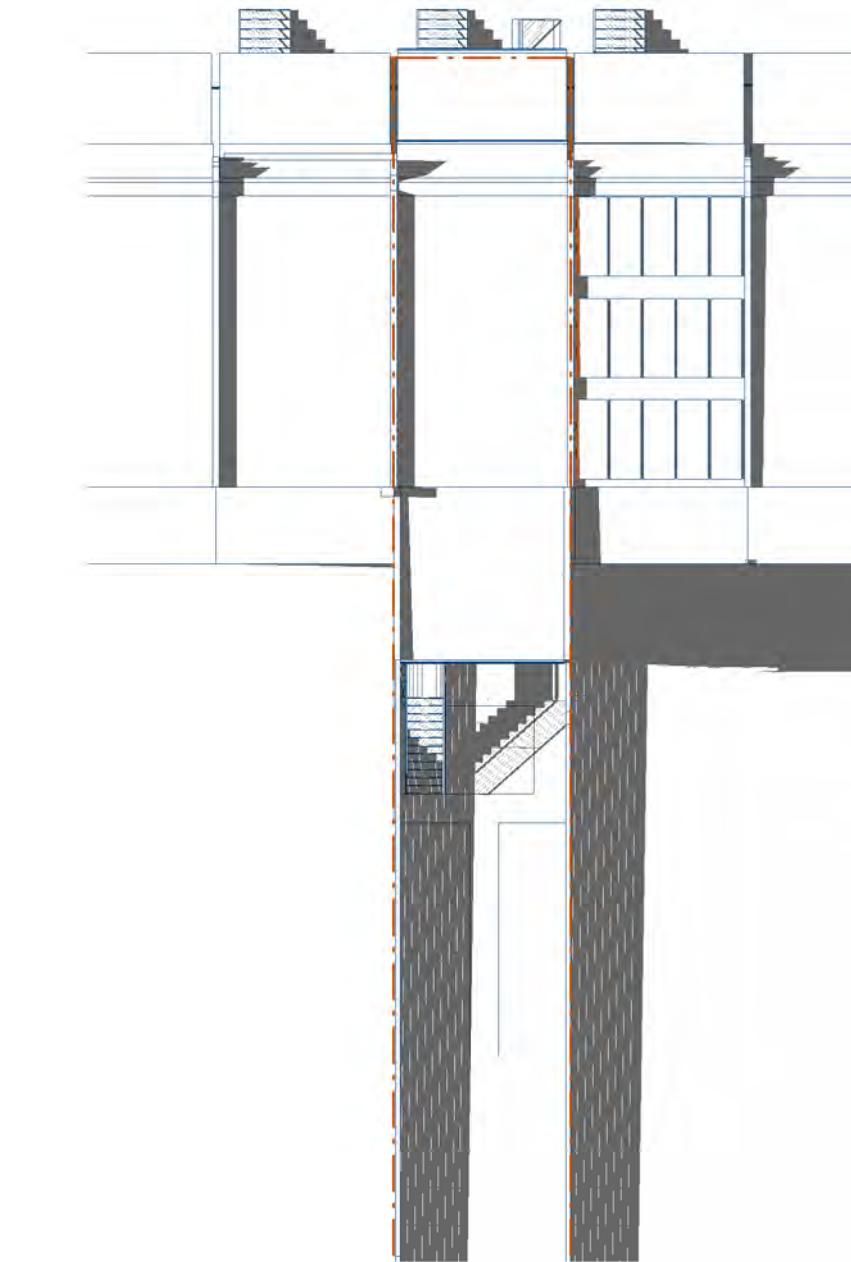
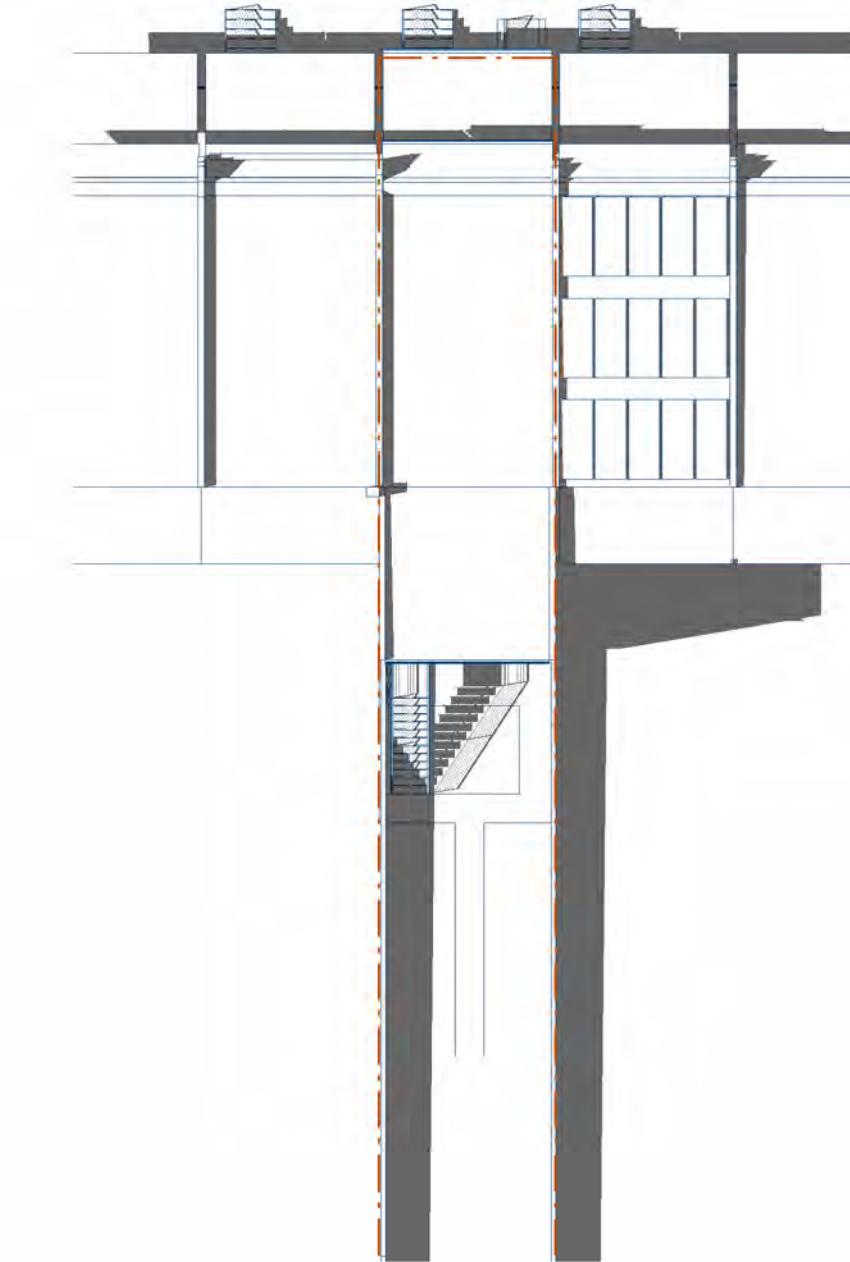
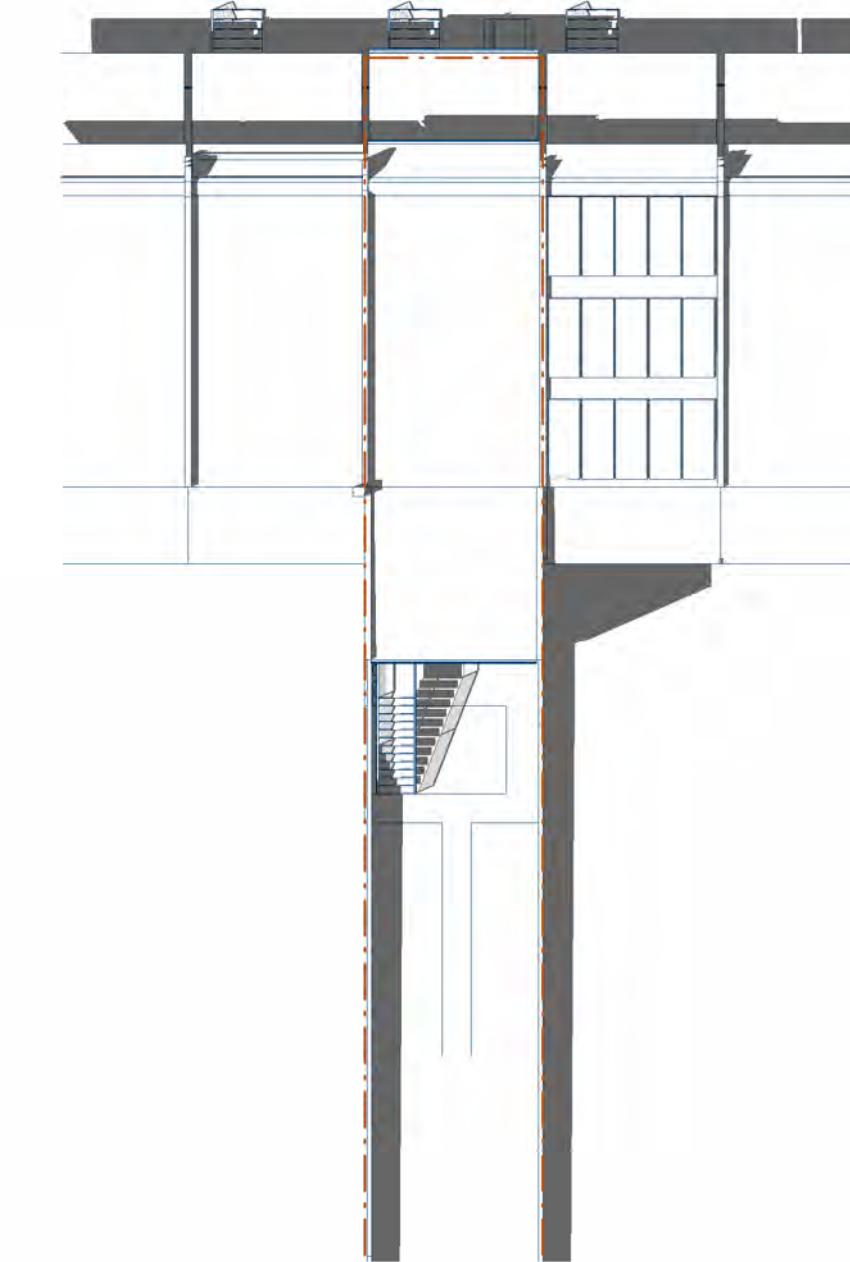
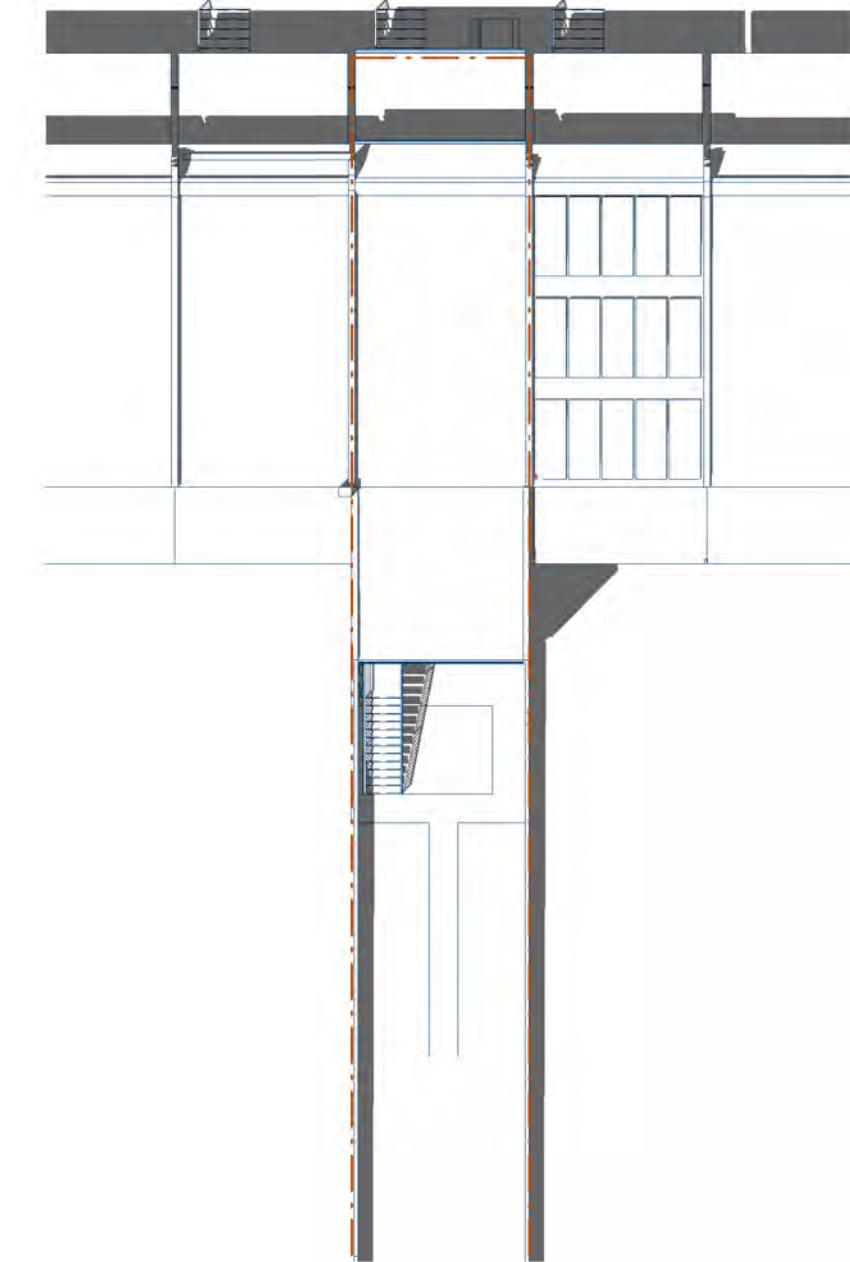
A903

SCALE: 1" = 20'-0"

5 Ex. S13 - Summer - 4 PM

A903

SCALE: 1" = 20'-0"



6 S09 - Summer - 12 PM

A903

SCALE: 1" = 20'-0"

7 S10 - Summer - 1 PM

A903

SCALE: 1" = 20'-0"

8 S11 - Summer - 2 PM

A903

SCALE: 1" = 20'-0"

9 S12 - Summer - 3 PM

A903

SCALE: 1" = 20'-0"

10 S13 - Summer - 4 PM

A903

SCALE: 1" = 20'-0"



A903

Solar Studies - Summer Solstice 3

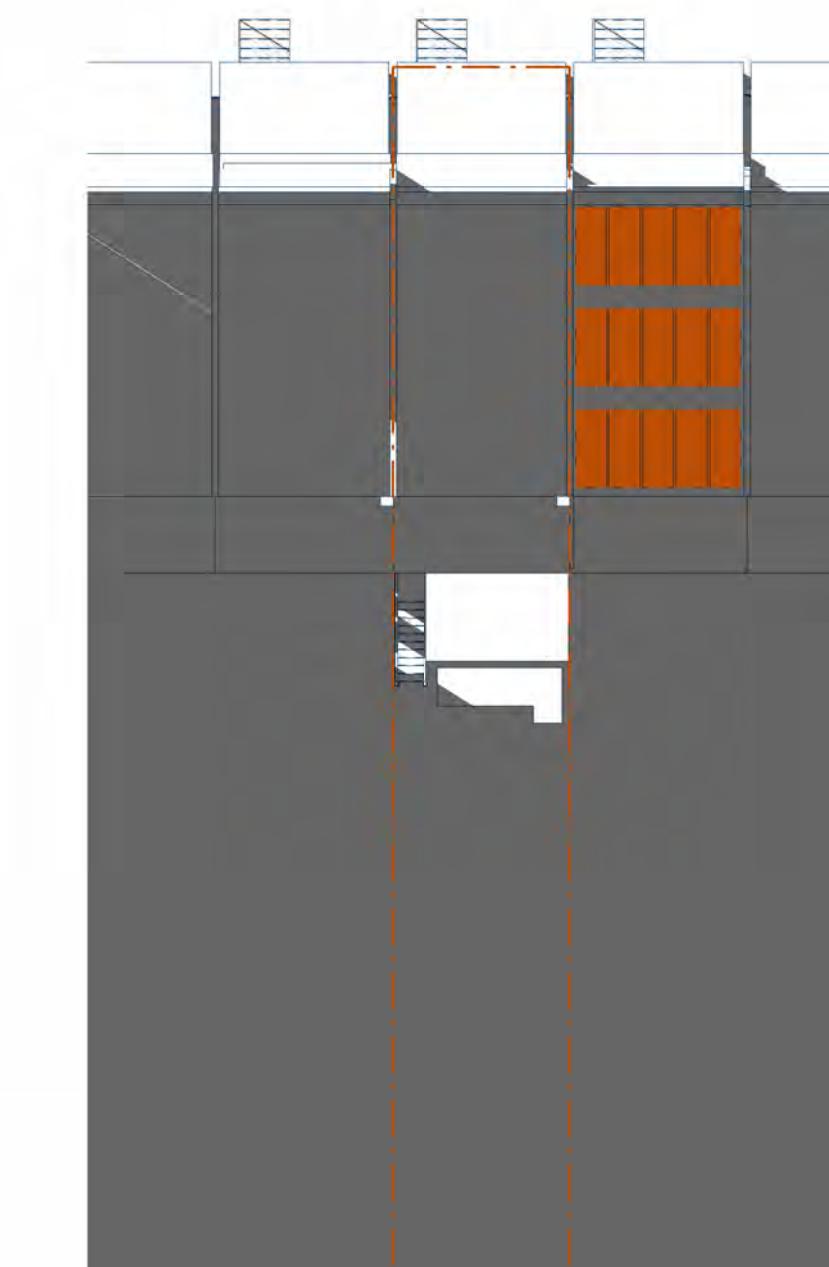
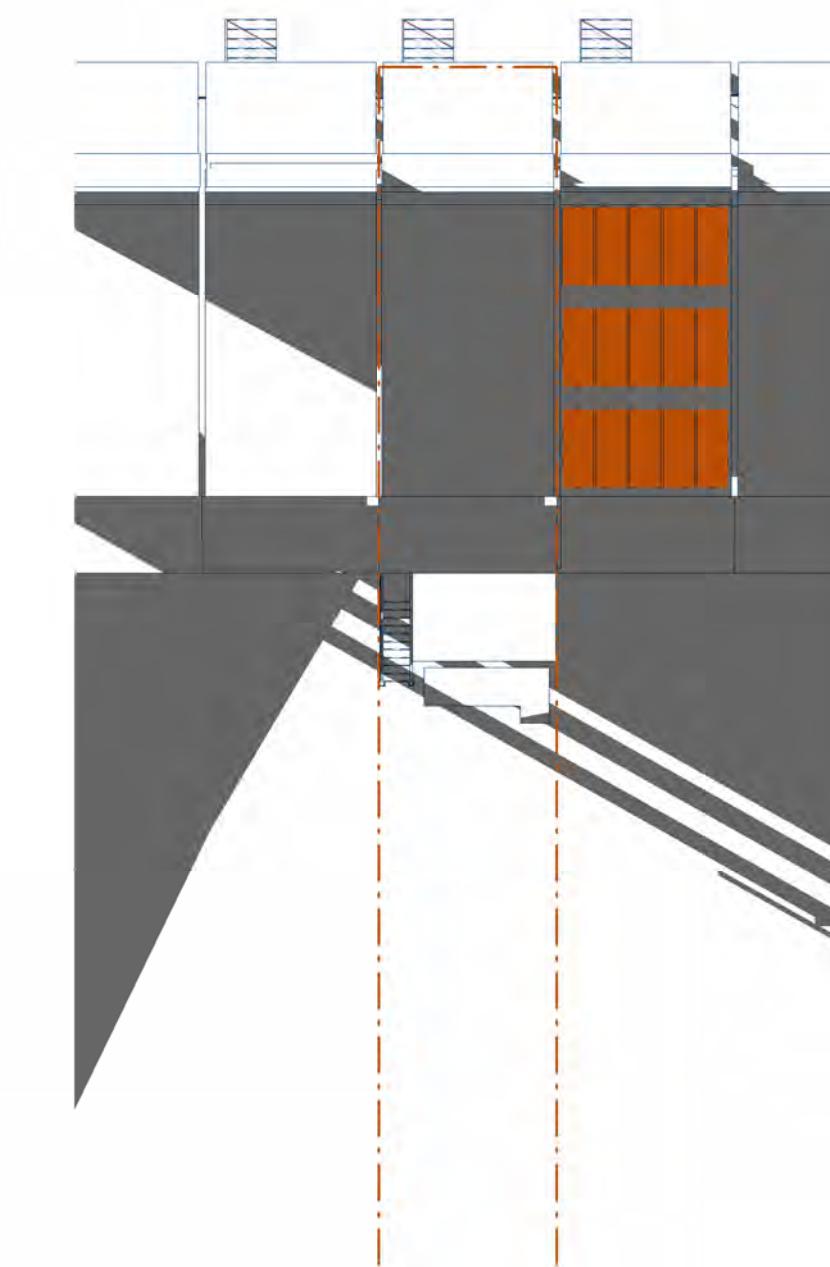
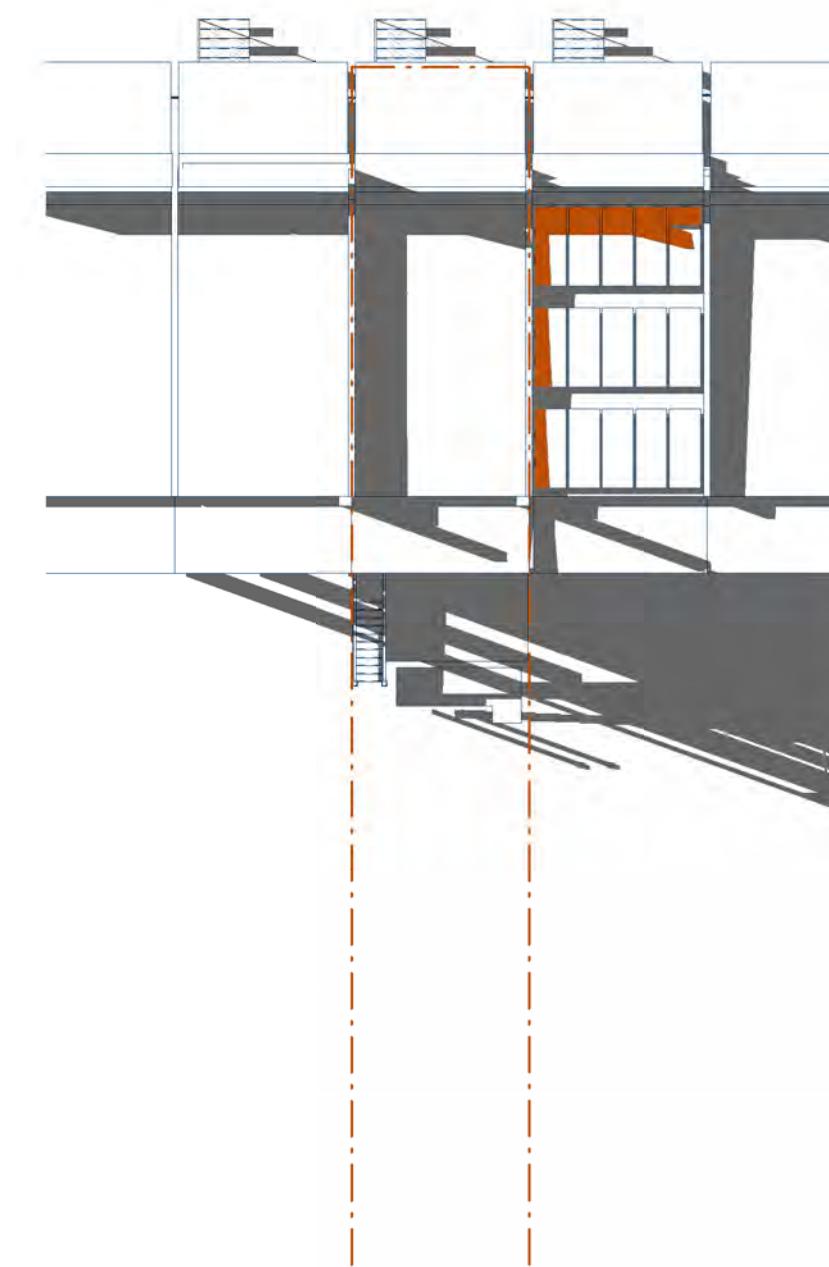
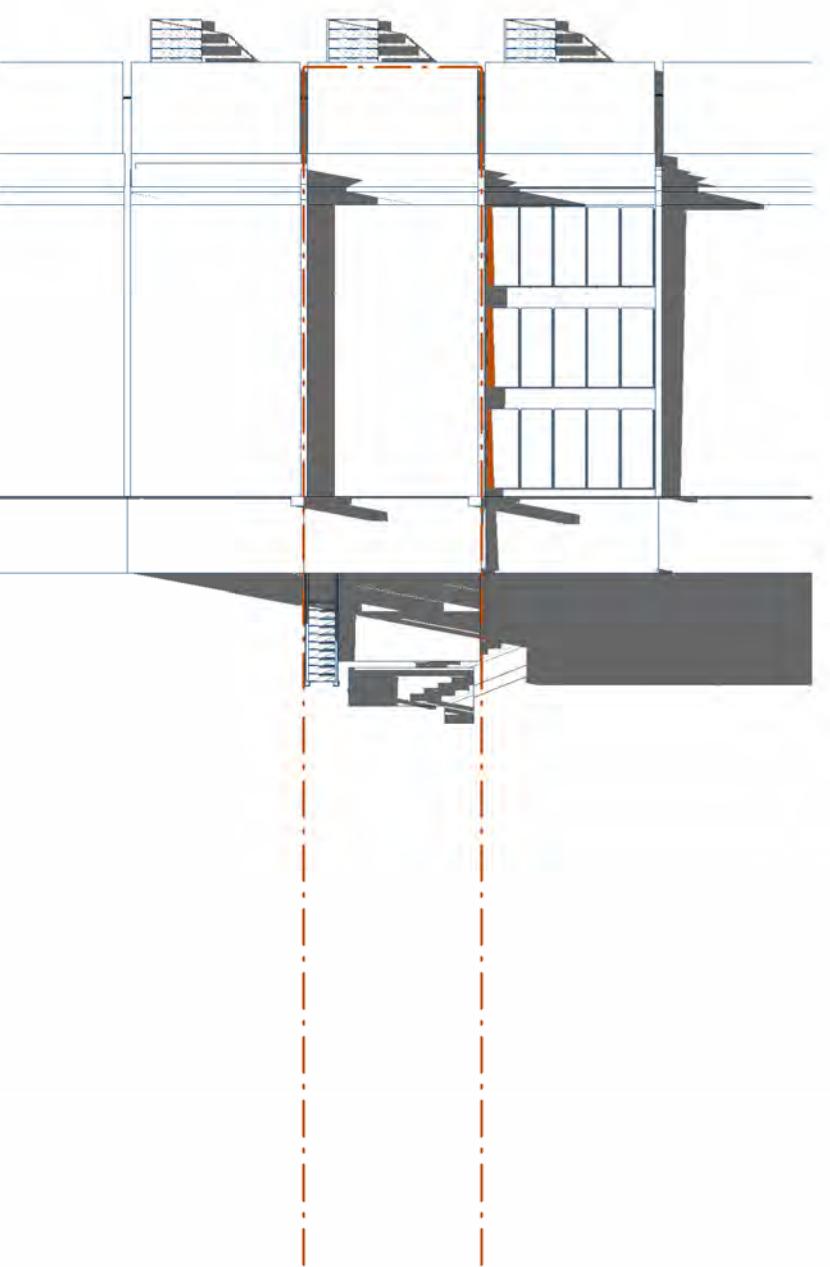
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1 Ex. S14 - Summer - 5 PM

A904

SCALE: 1" = 20'-0"

2 Ex. S15 - Summer - 6 PM

A904

SCALE: 1" = 20'-0"

3 Ex. S16 - Summer - 7 PM

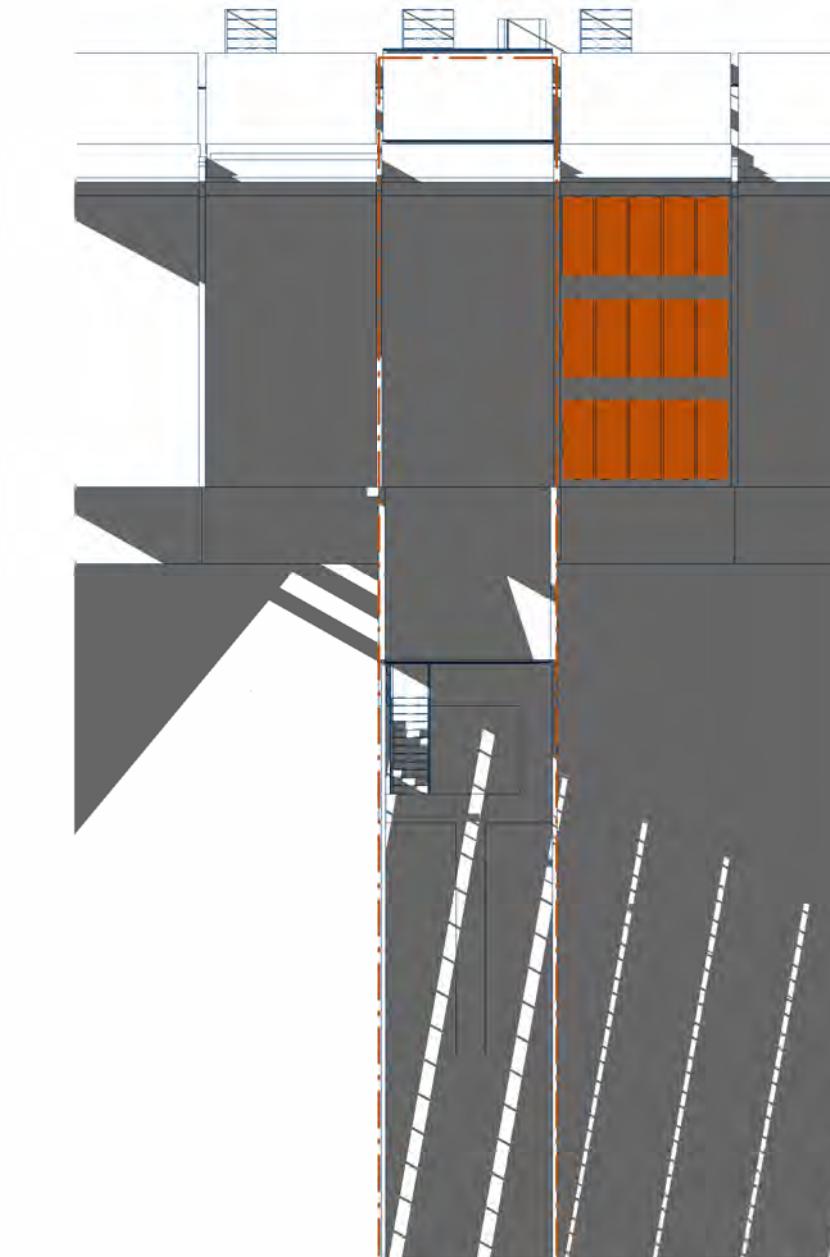
A904

SCALE: 1" = 20'-0"

4 Ex. S17 - Summer - Sunset - 7:30 PM

A904

SCALE: 1" = 20'-0"



5 S14 - Summer - 5 PM

A904

SCALE: 1" = 20'-0"

6 S15 - Summer - 6 PM

A904

SCALE: 1" = 20'-0"

7 S16 - Summer - 7 PM

A904

SCALE: 1" = 20'-0"

8 S17 - Summer - Sunset - 7:30 PM

A904

SCALE: 1" = 20'-0"

**A904****Solar Studies - Summer Solstice 4**

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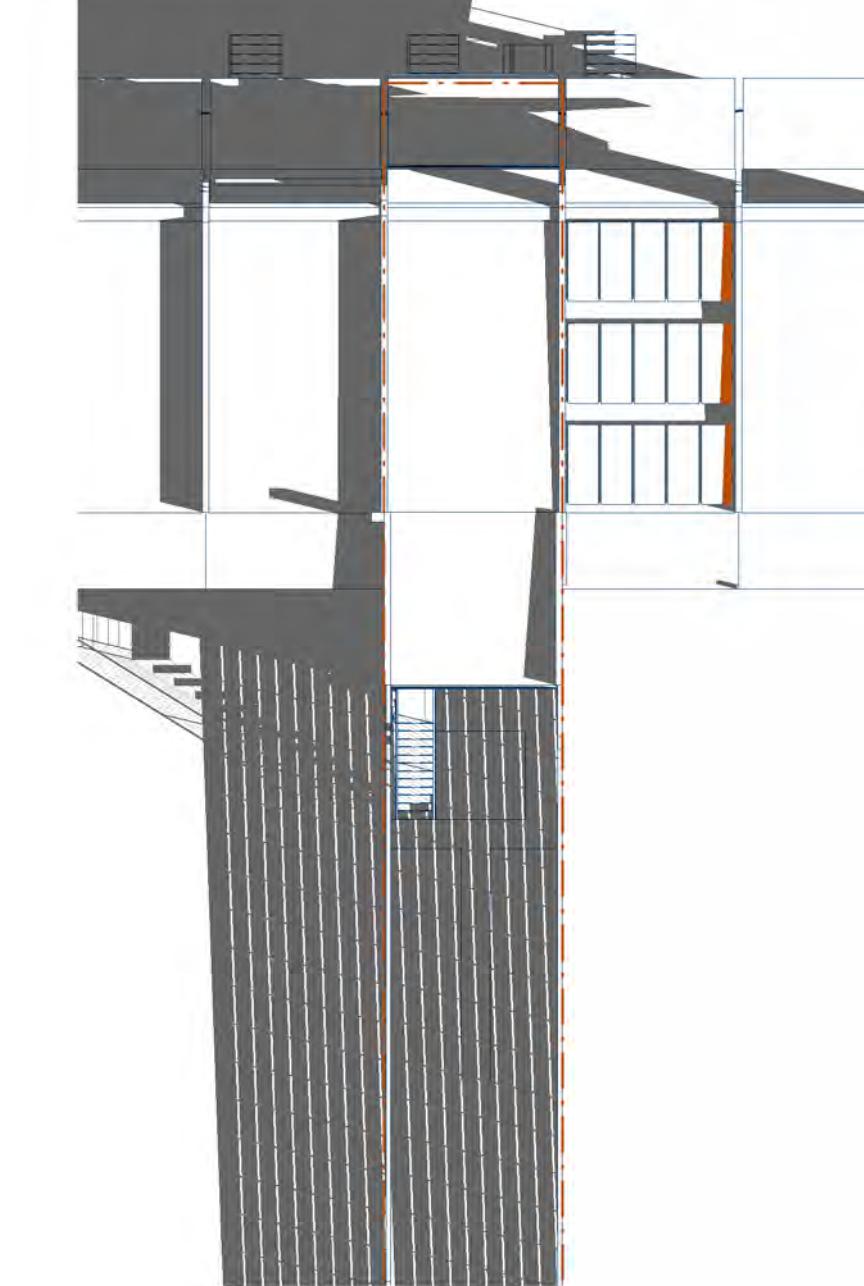
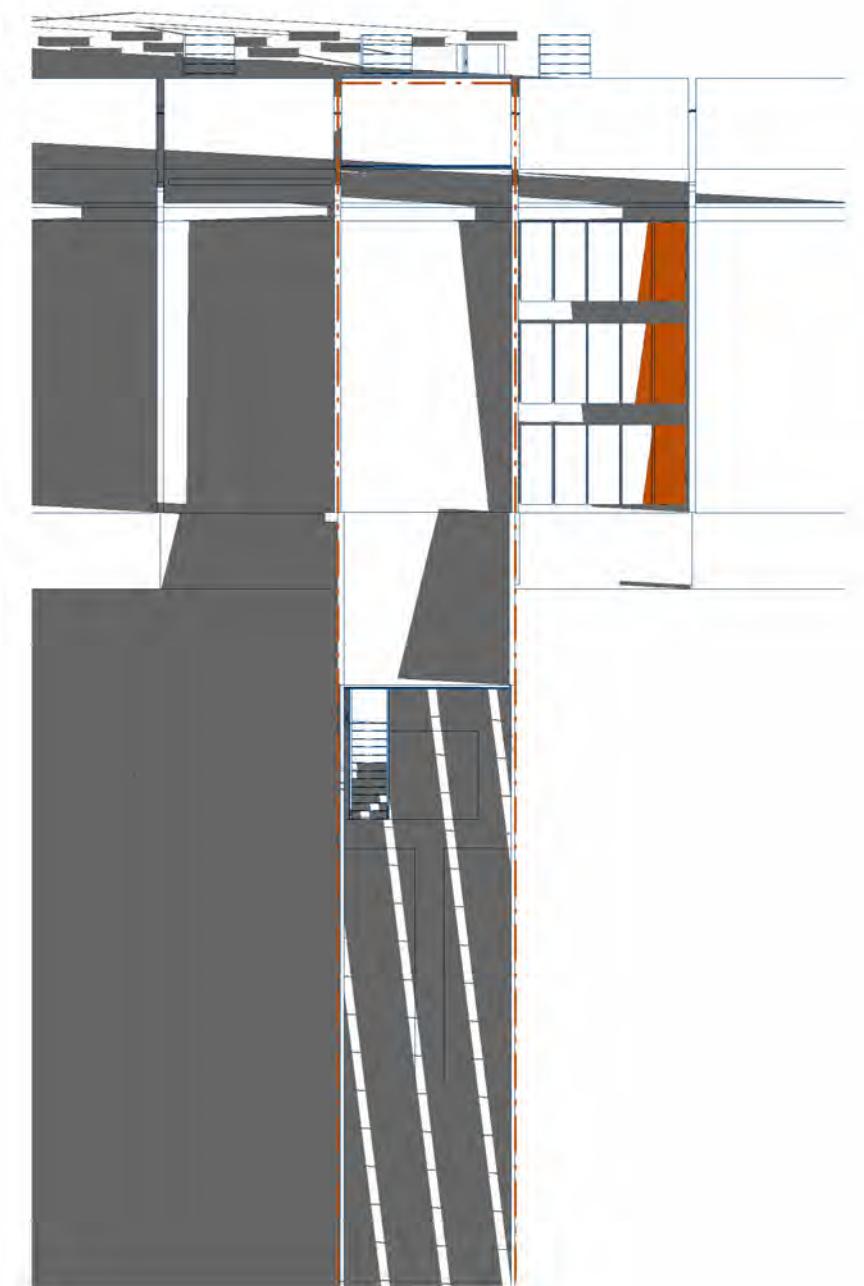
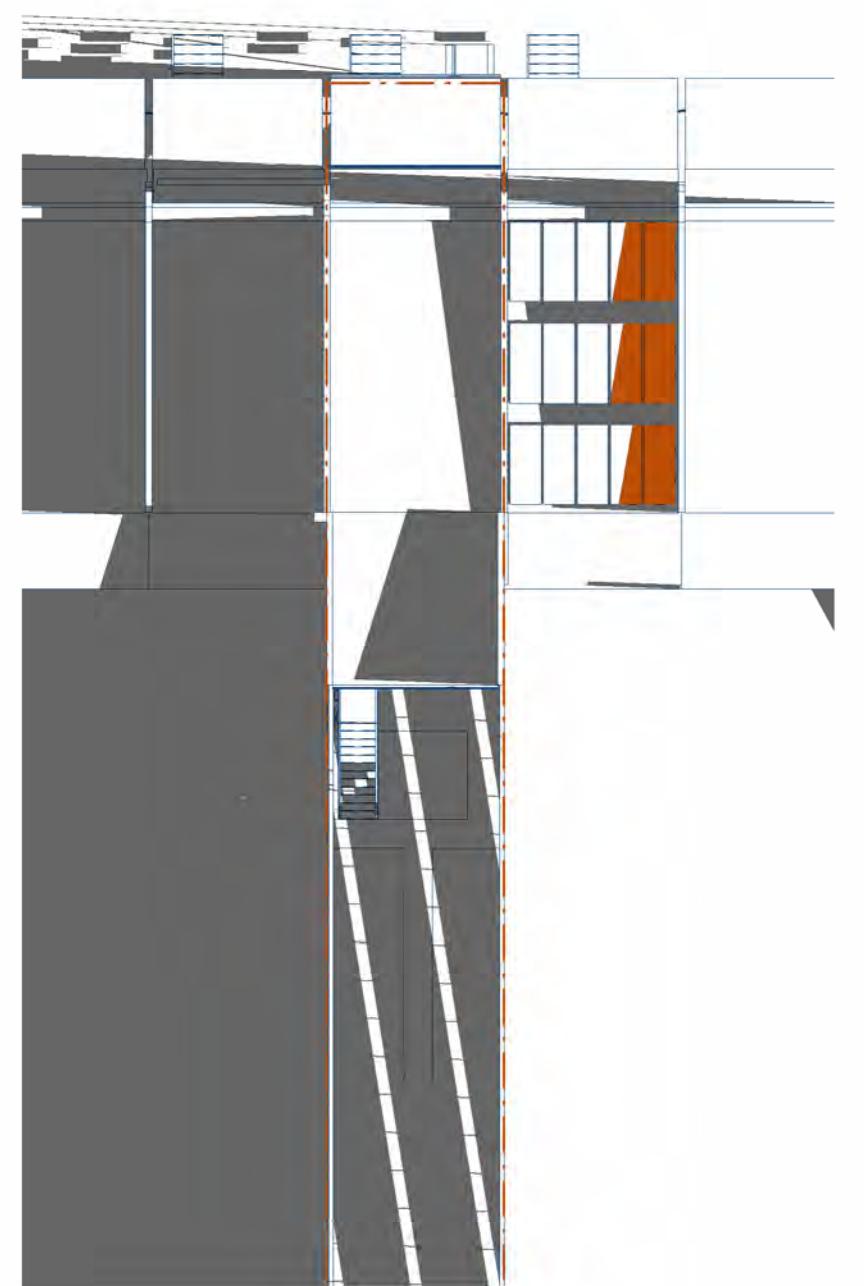
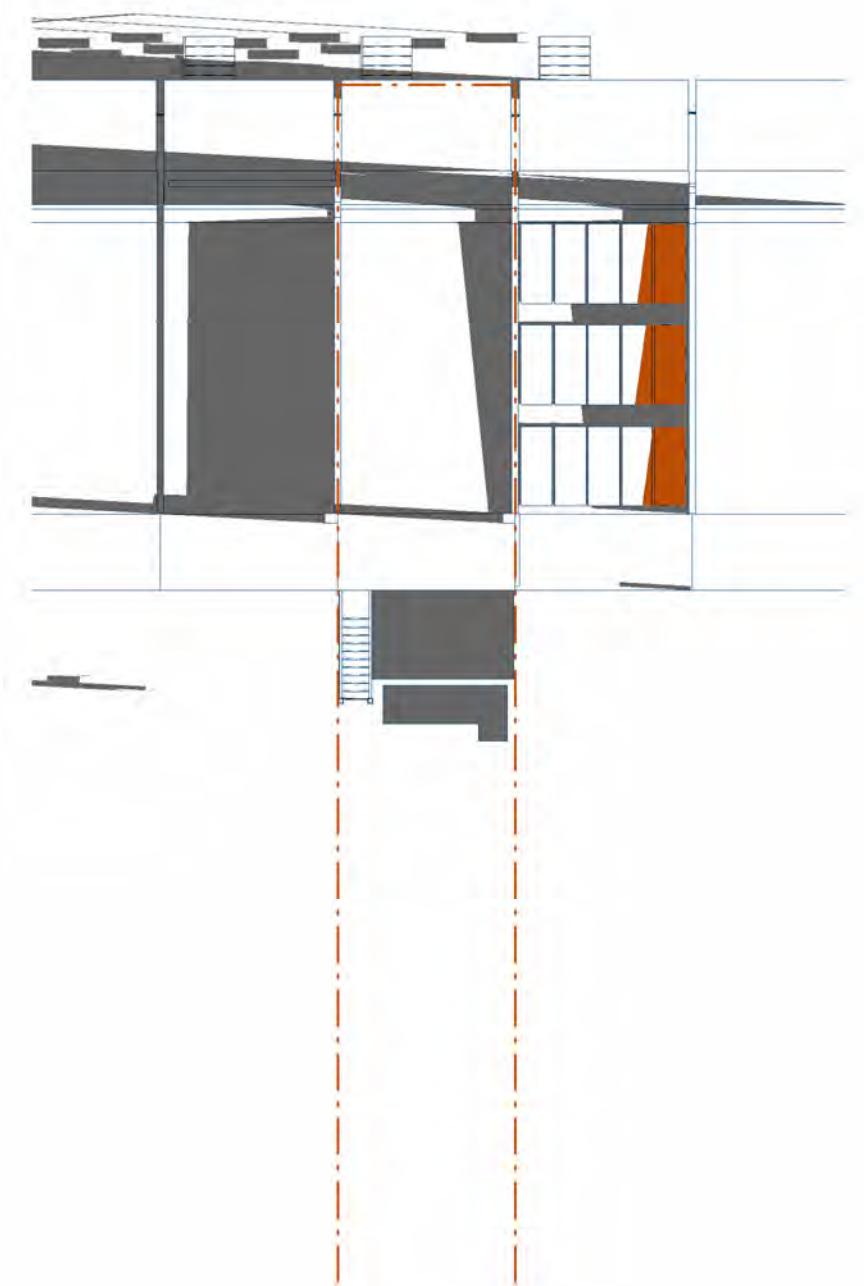
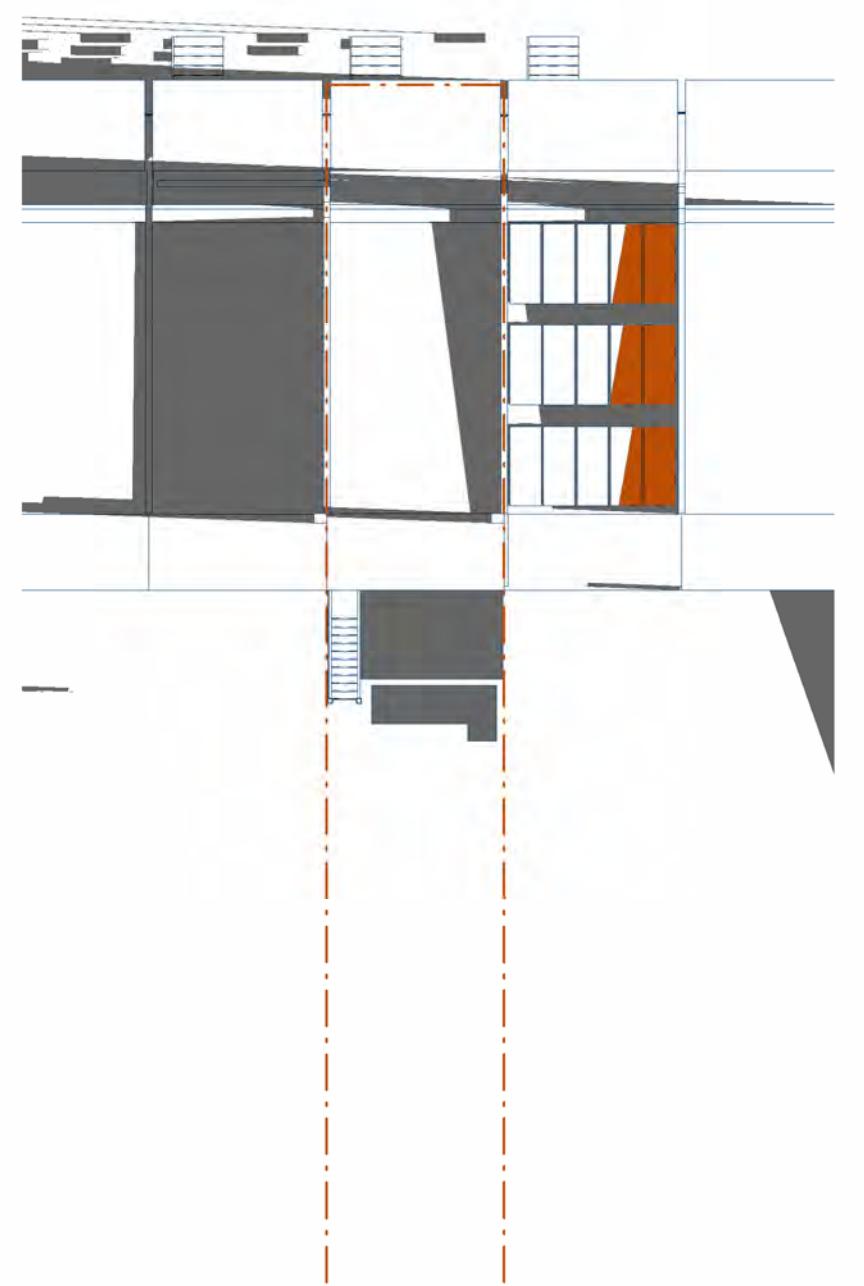
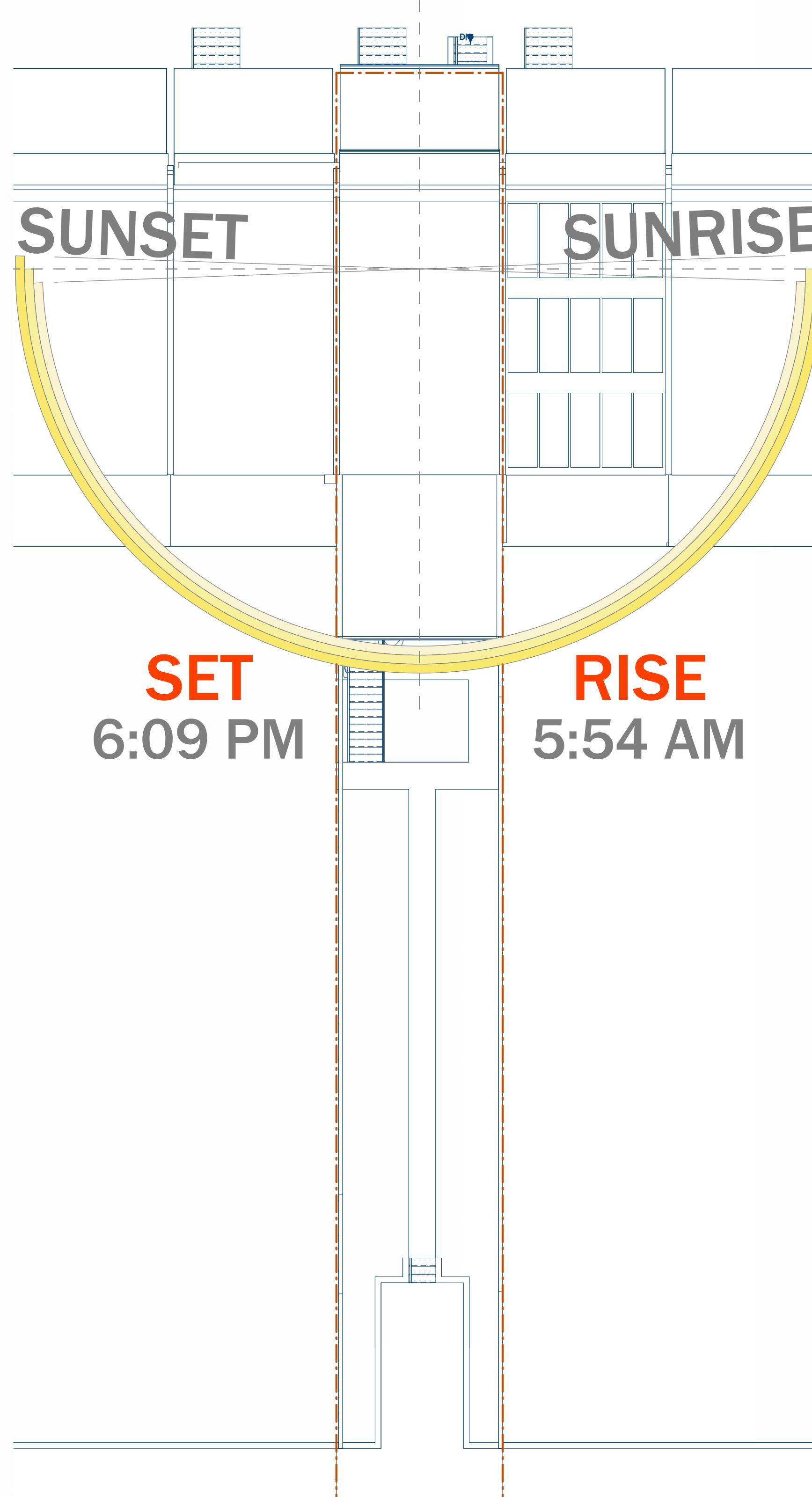
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0 A911

Solar Diagram - Equinox
SCALE: 1" = 10'-0"

1b A911

E01 - Equinox - Sunrise - 5:54 AM
SCALE: 1" = 20'-0"

2b A911

E02 - Equinox - 6 AM
SCALE: 1" = 20'-0"

3b A911

E03 - Equinox - 7 AM
SCALE: 1" = 20'-0"

A911

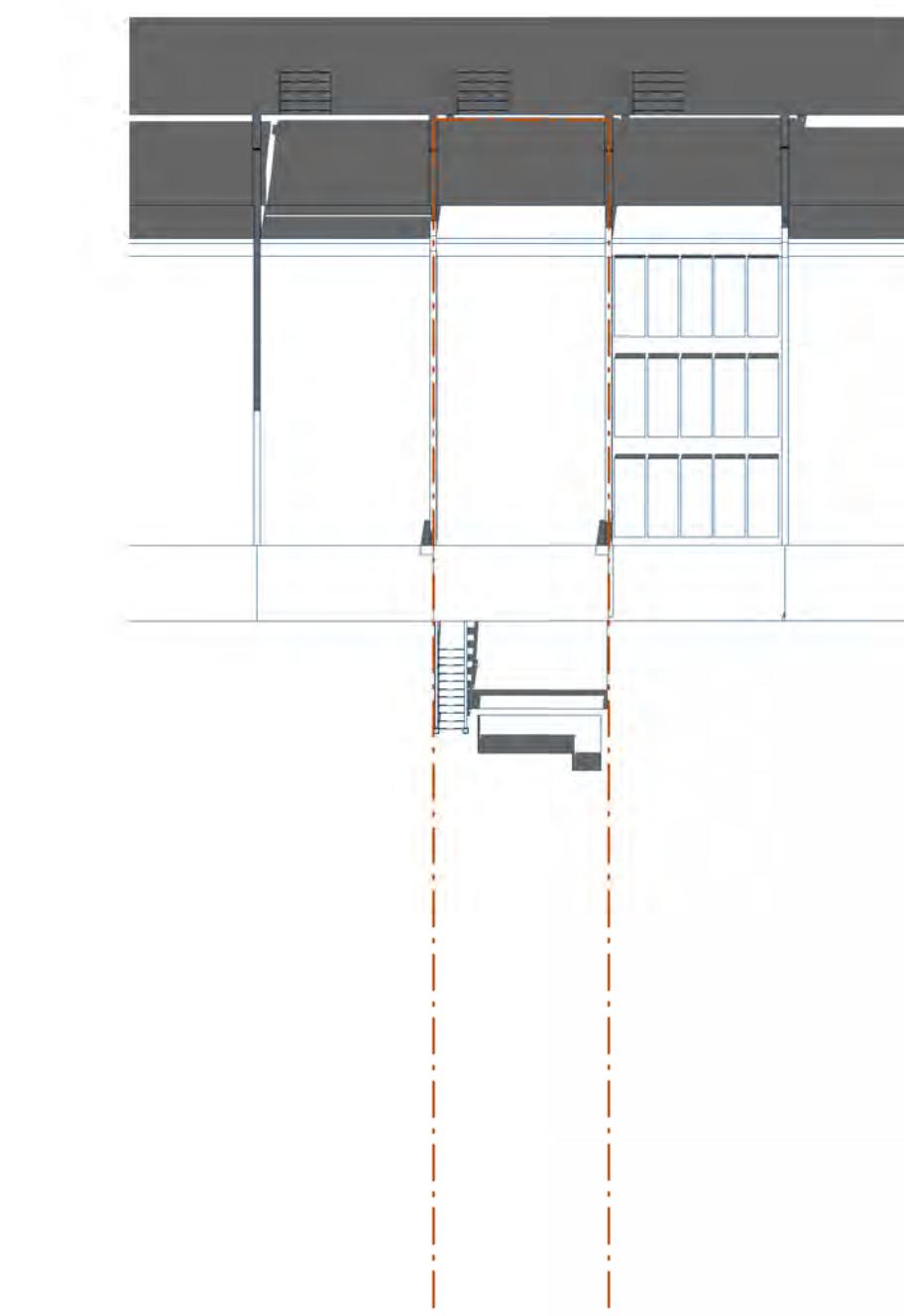
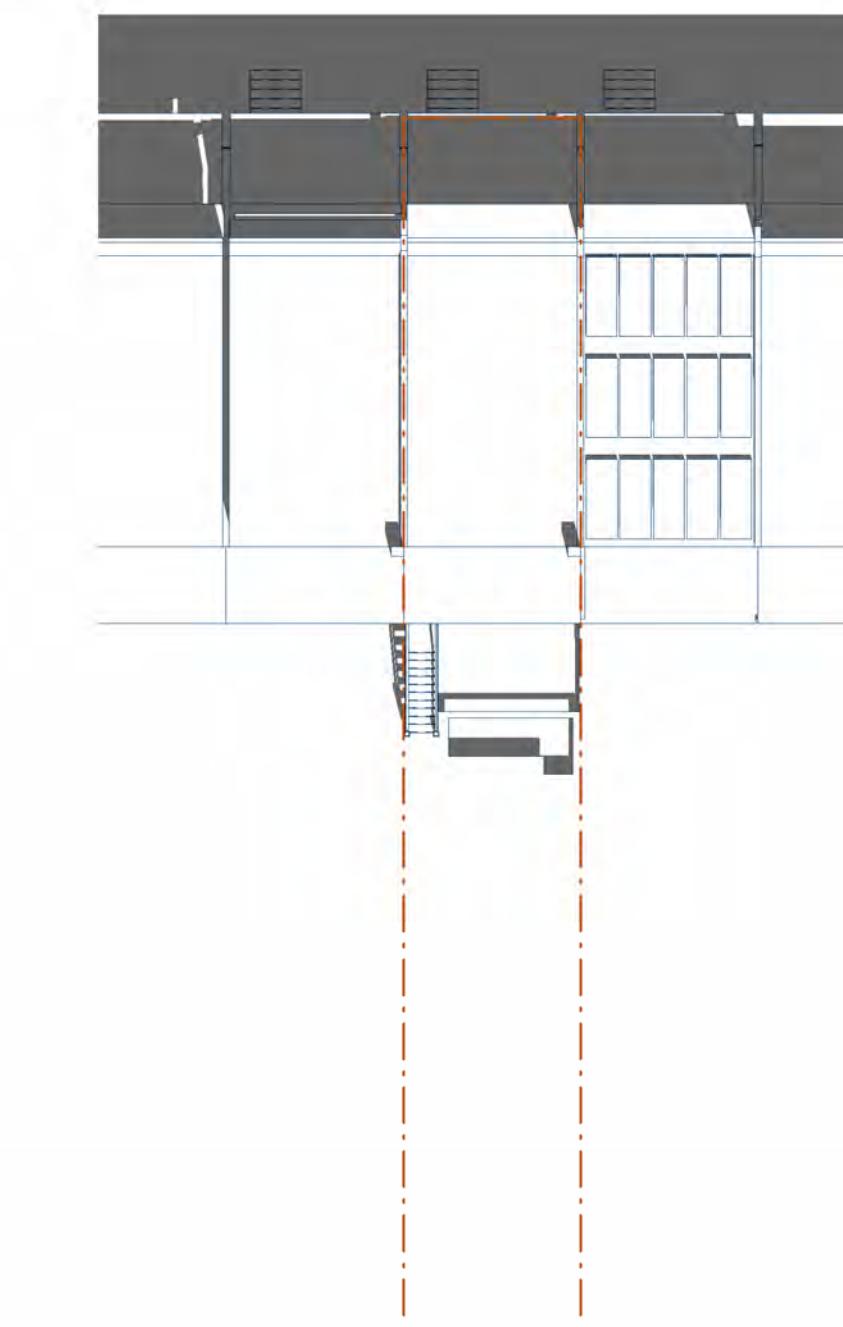
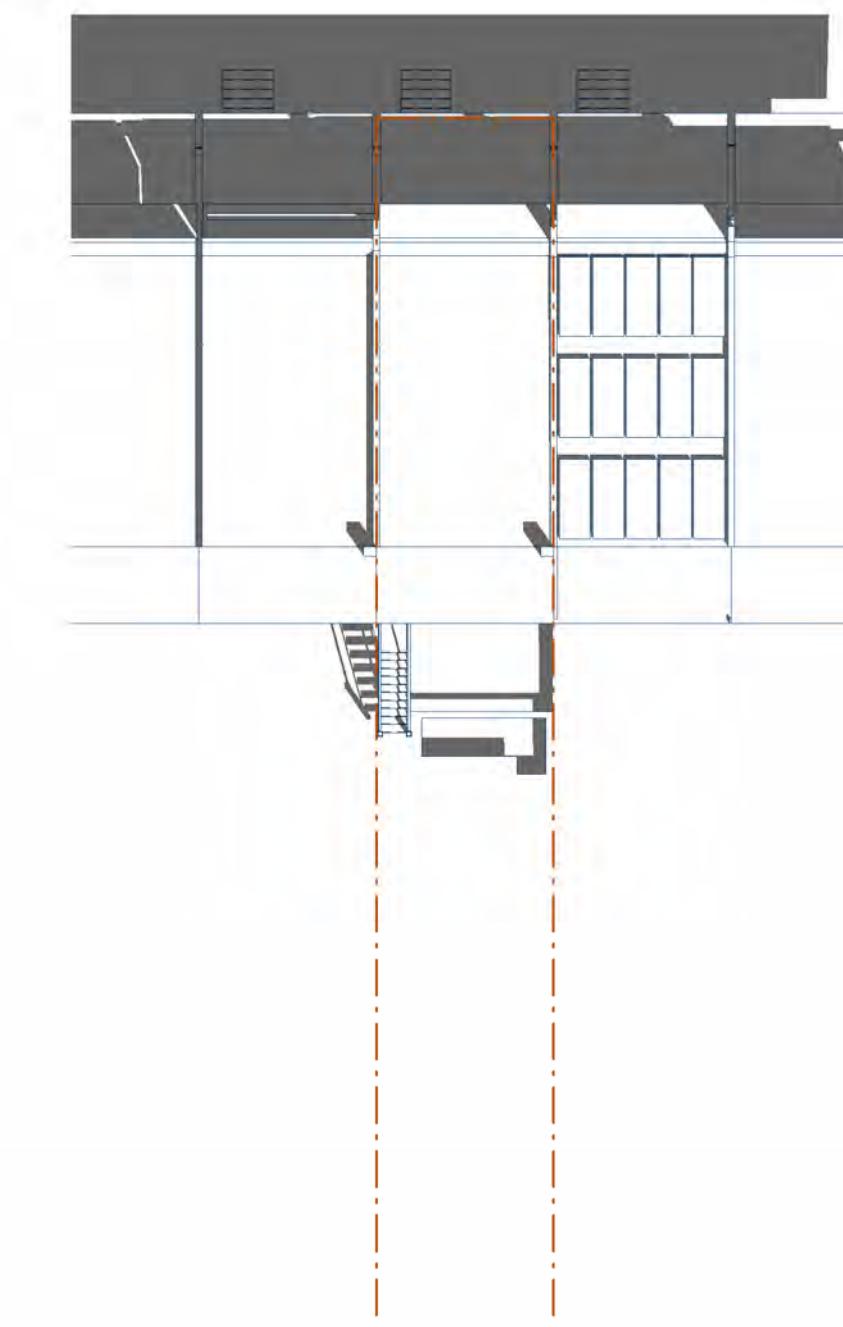
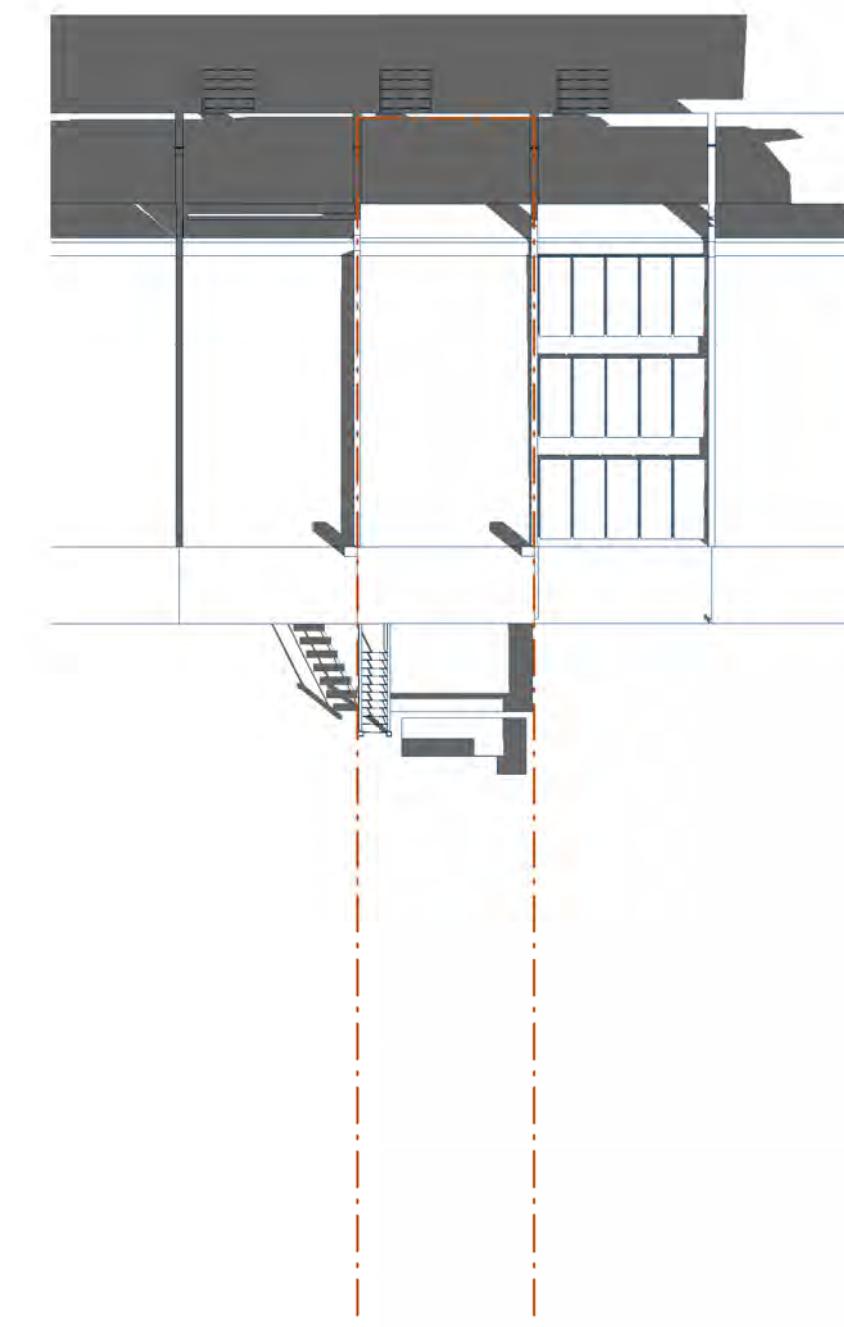
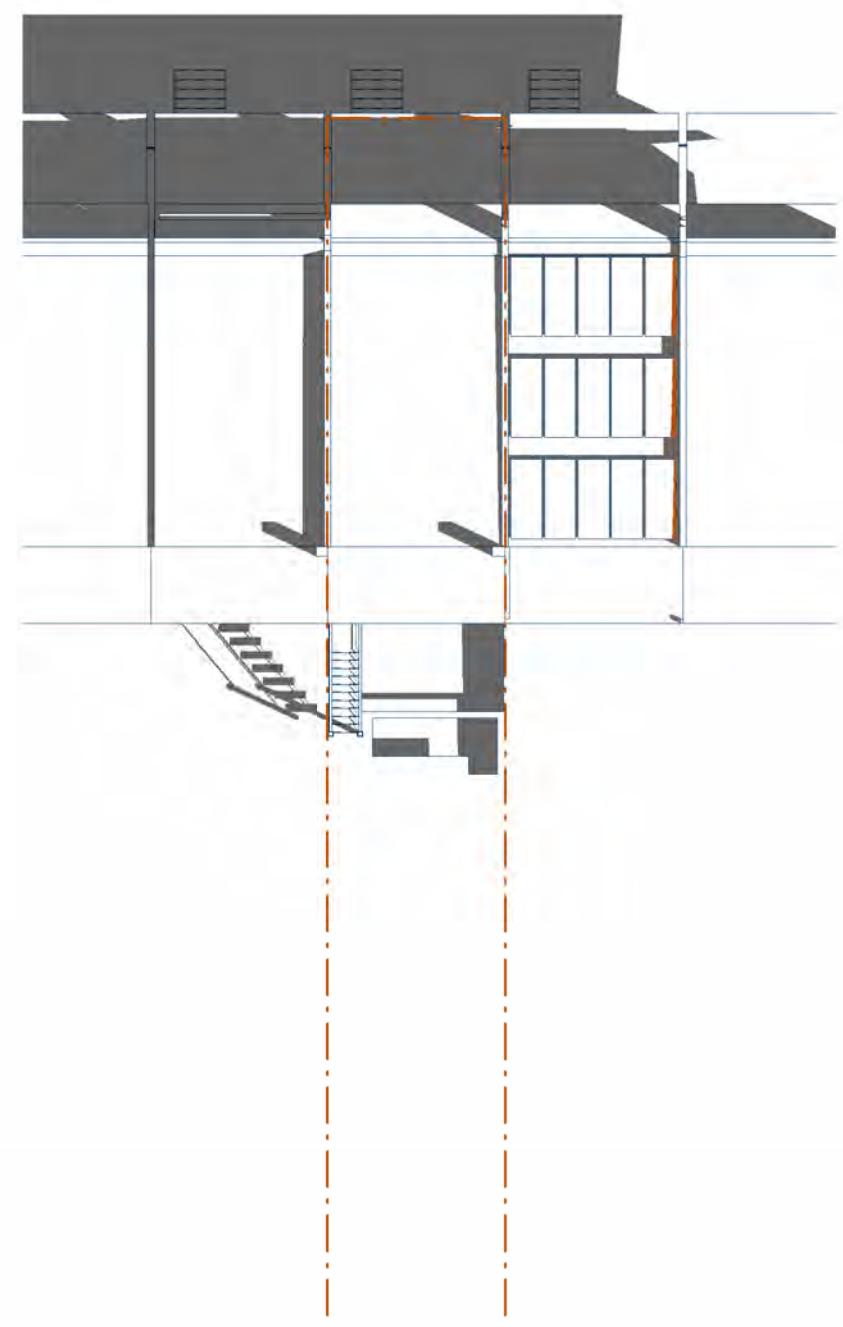
Solar Studies - Equinox 1

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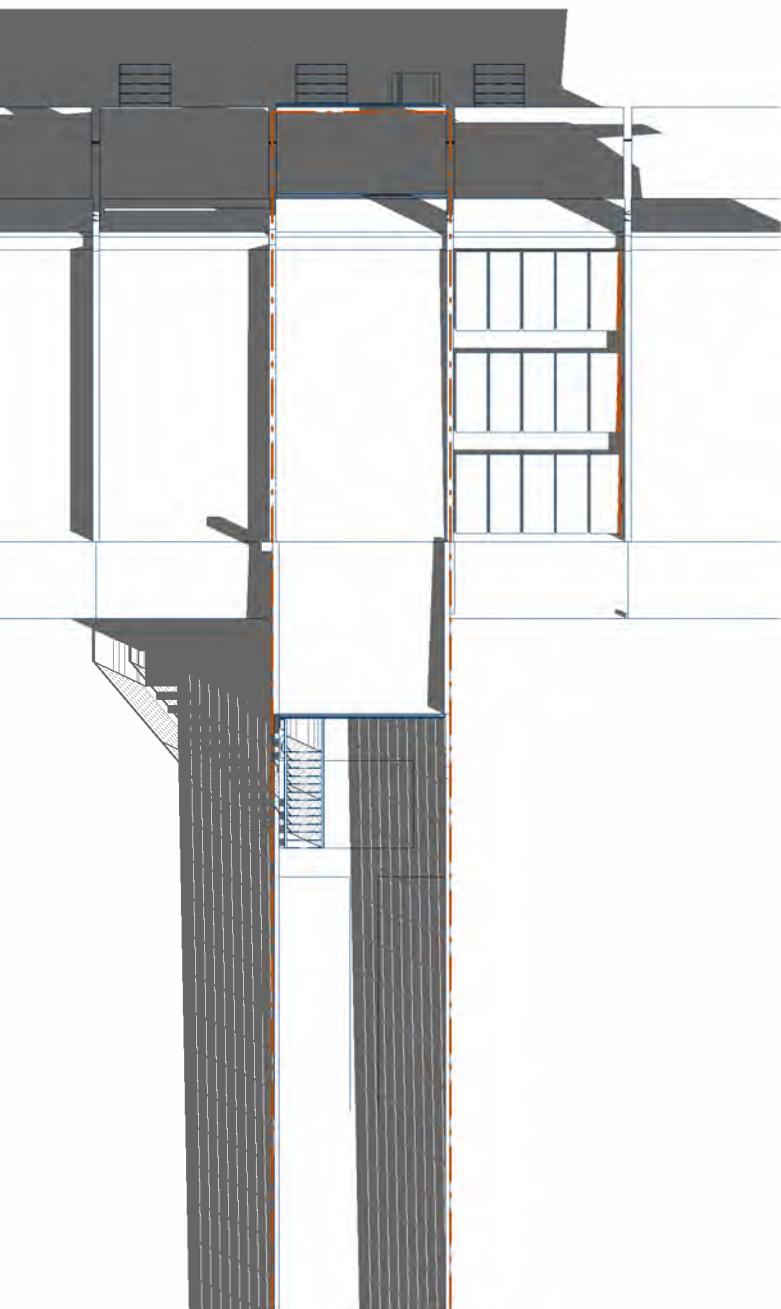
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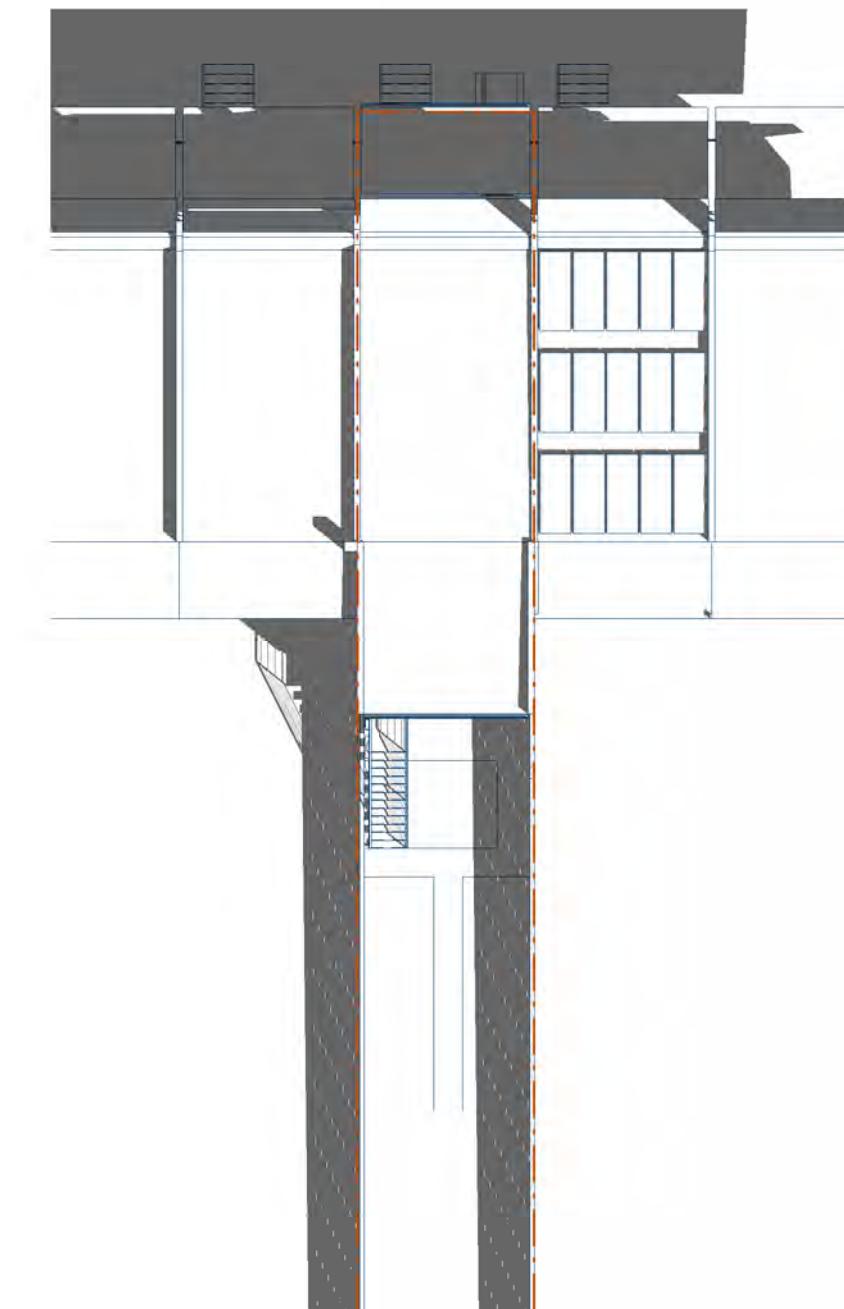
Ex. E04 - Equinox - 8 AM

A912



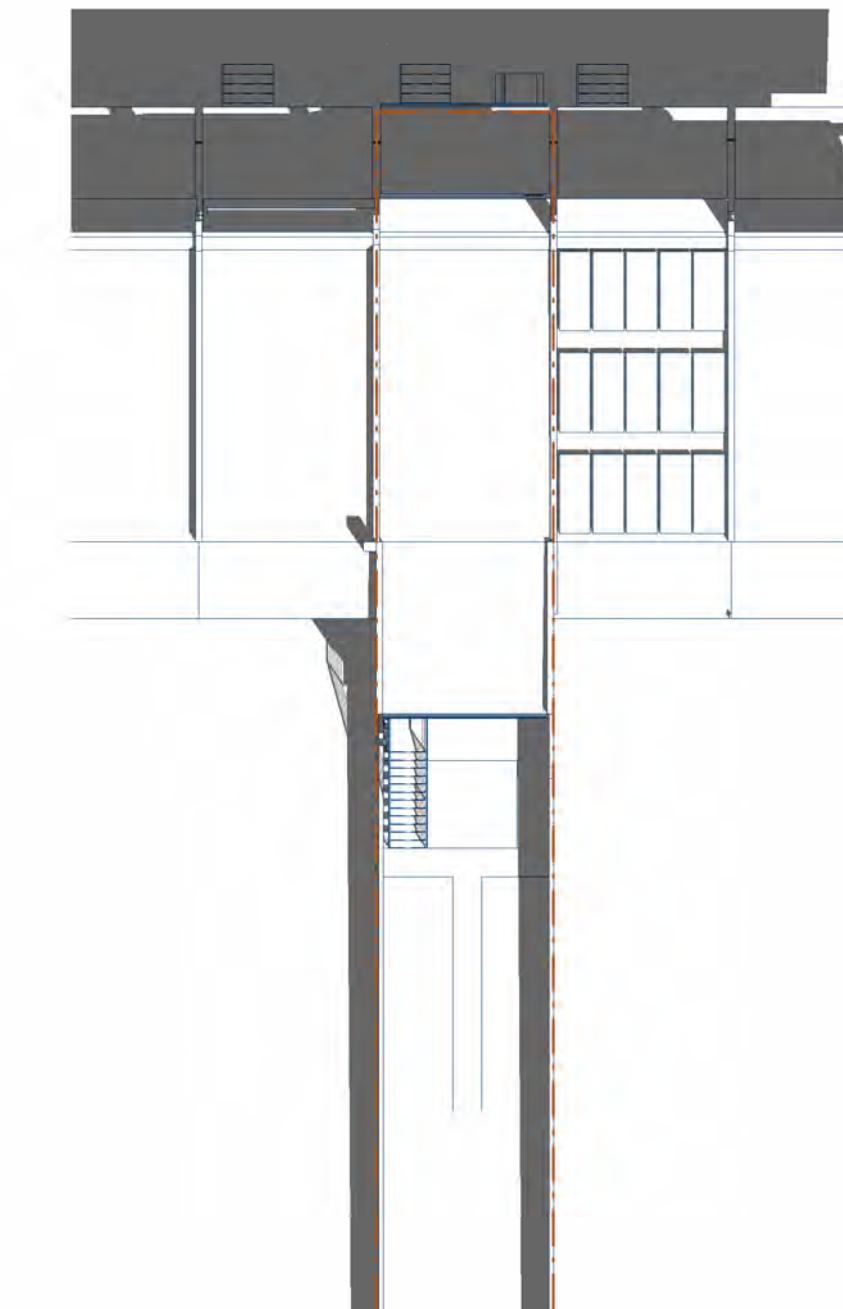
Ex. E05 - Equinox - 9 AM

A912



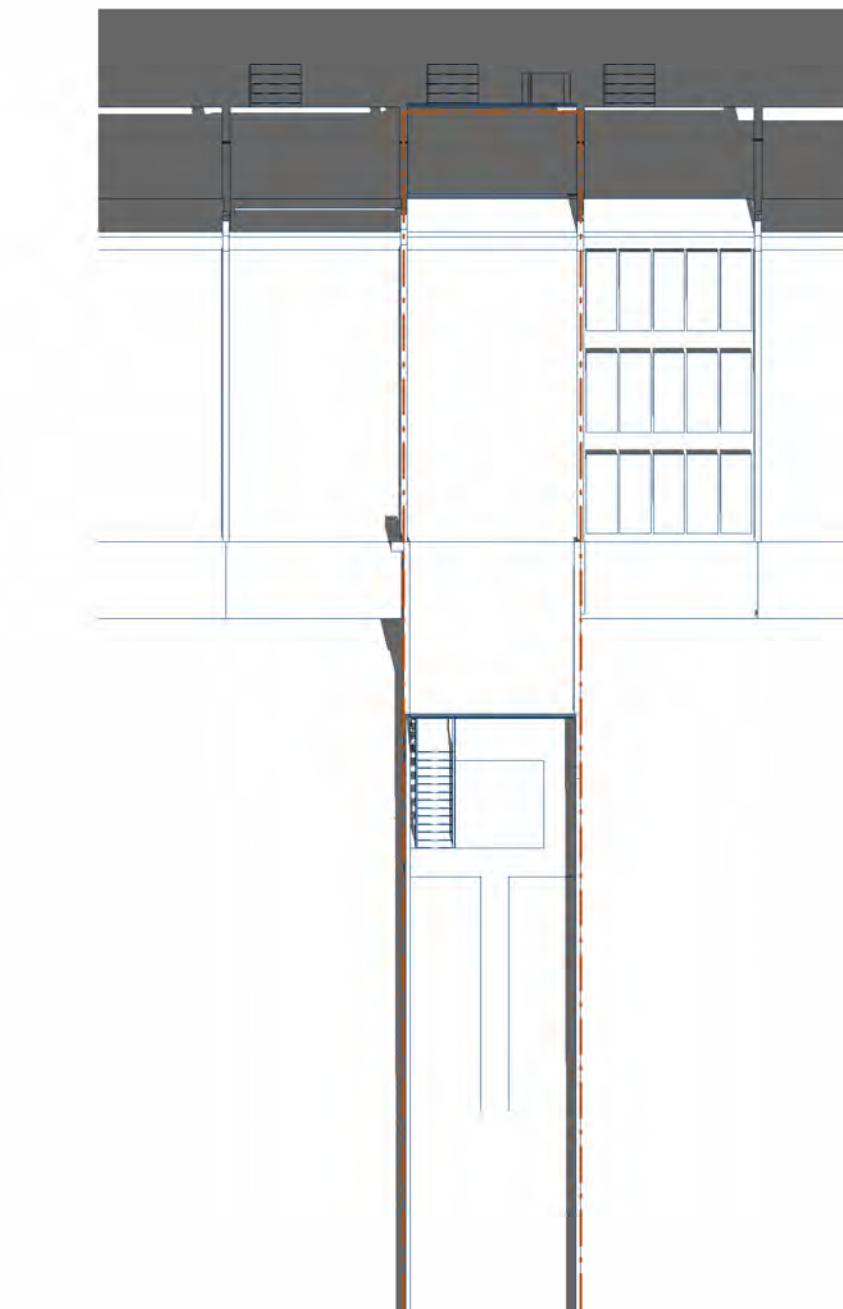
Ex. E06 - Equinox - 10 AM

A912



Ex. E07 - Equinox - 11 AM

A912



Ex. E08 - Equinox - 12 PM

A912



E04 - Equinox - 8 AM

A912

E05 - Equinox - 9 AM

A912

E06 - Equinox - 10 AM

A912

E07 - Equinox - 11 AM

A912

E08 - Equinox - 12 PM

A912

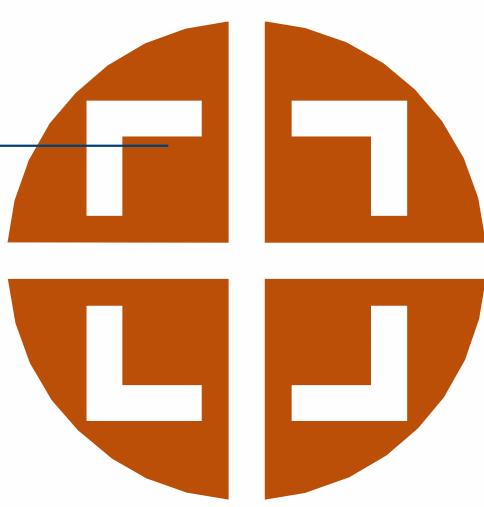


A912

Solar Studies - Equinox 2

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AHJ APPROVAL STAMP

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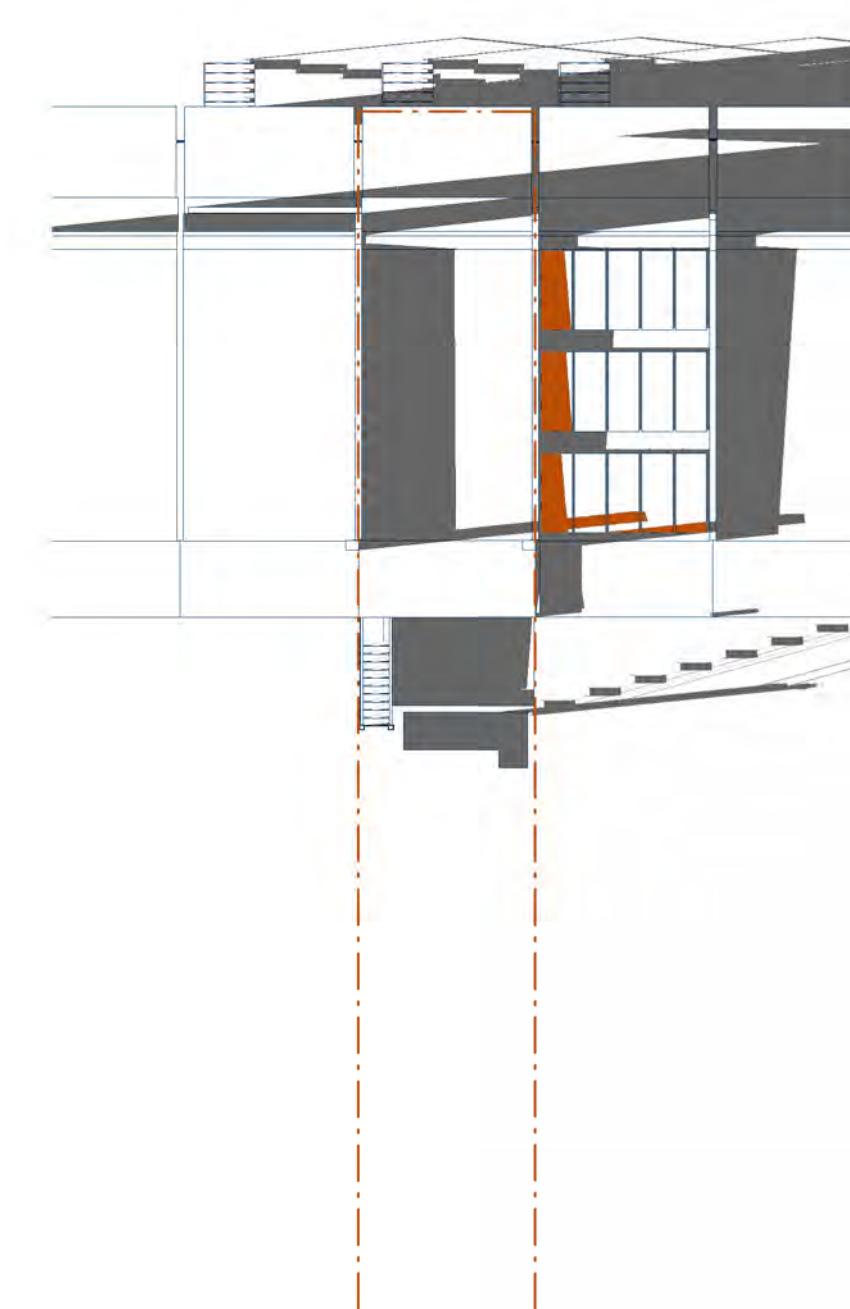
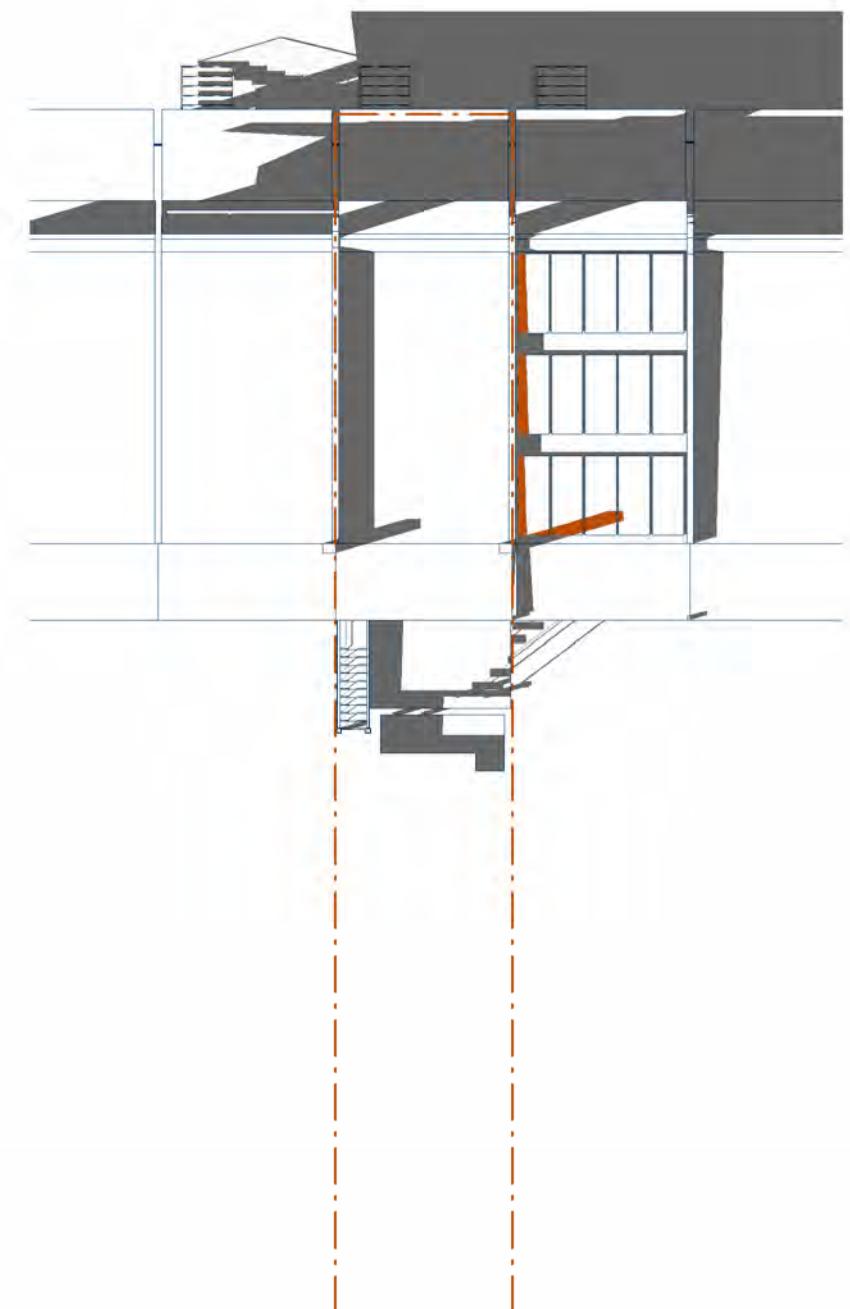
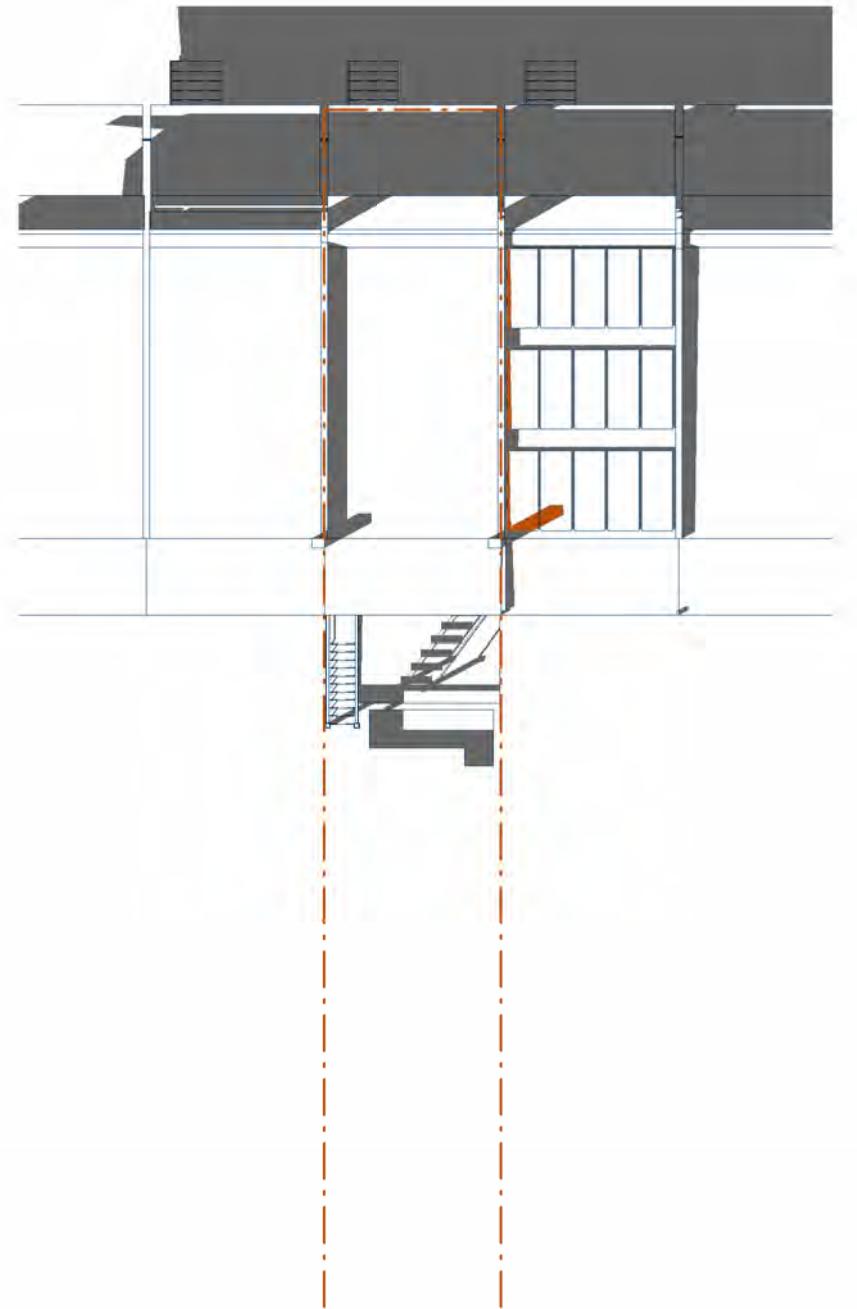
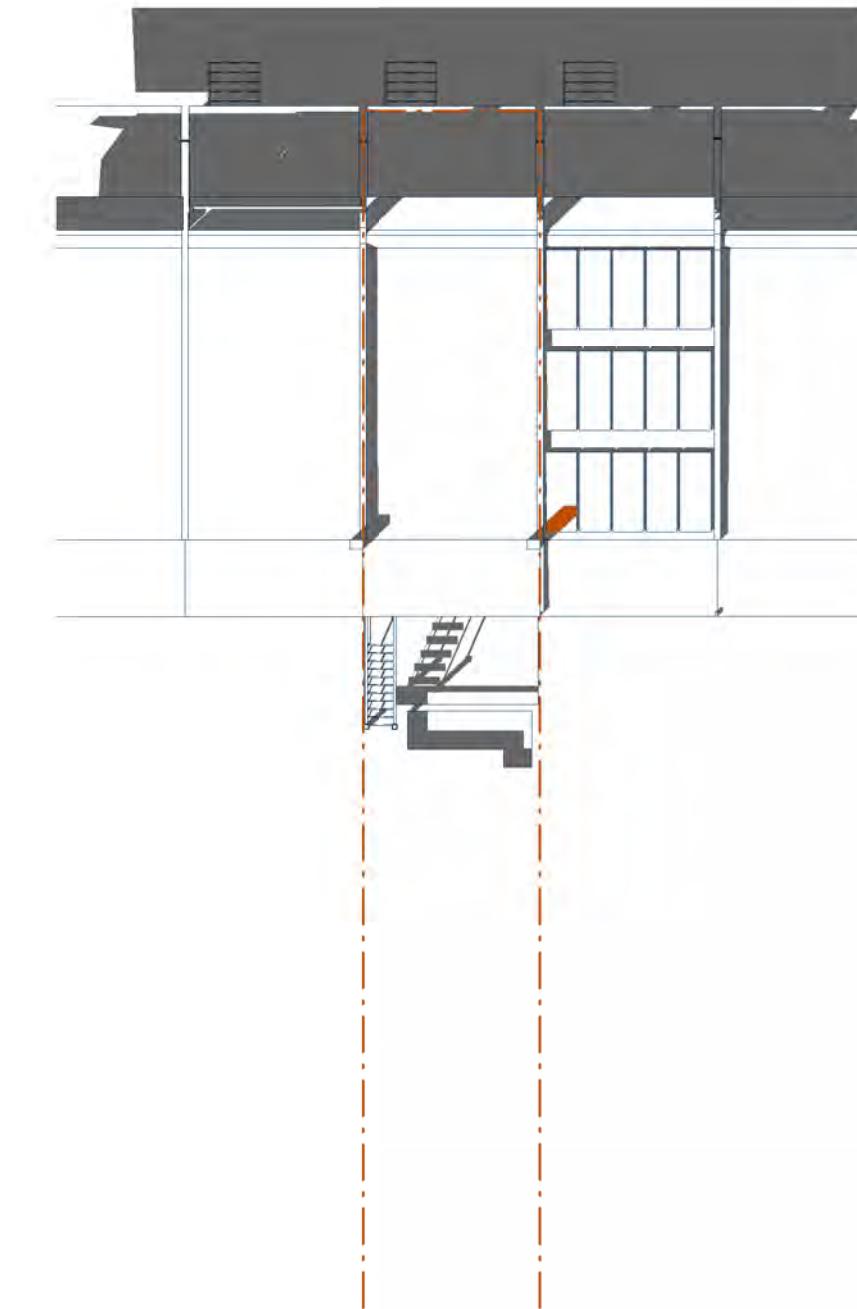
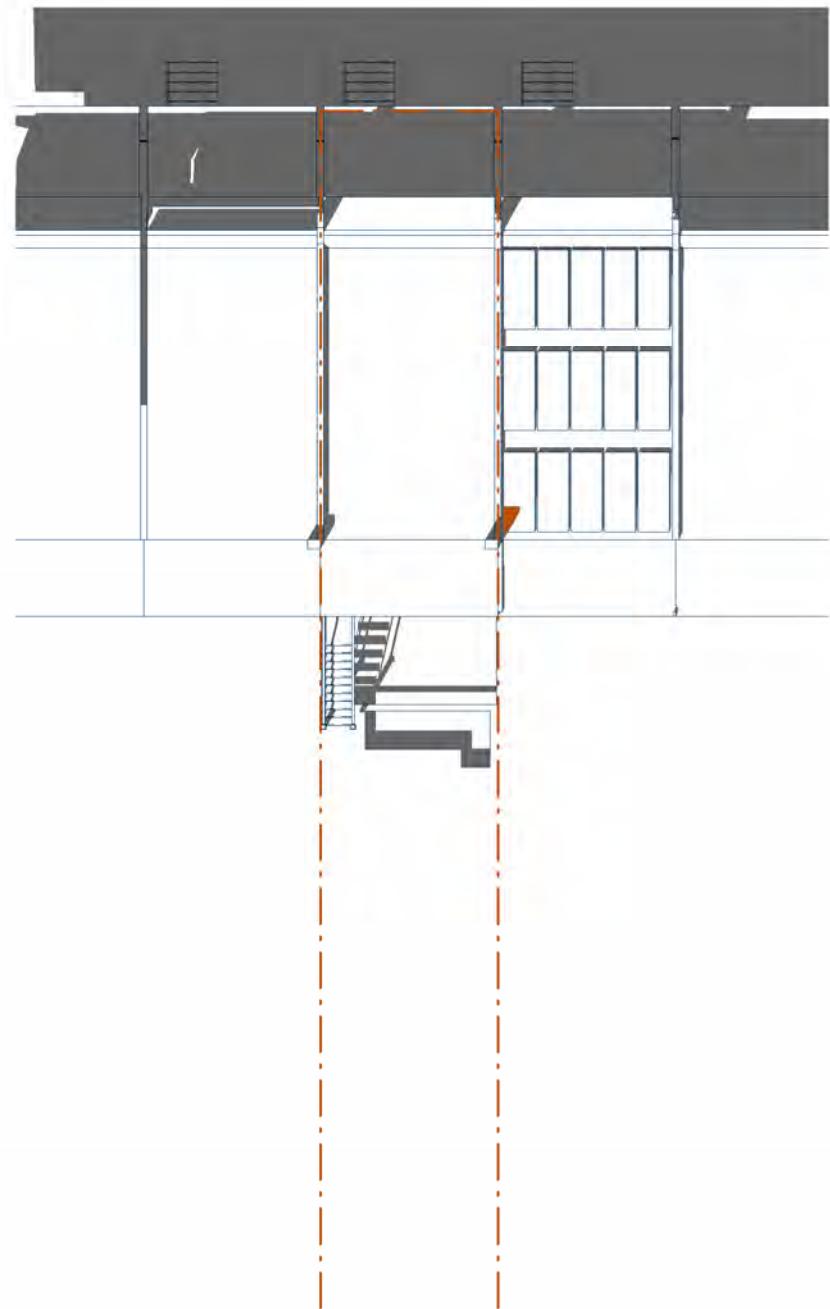
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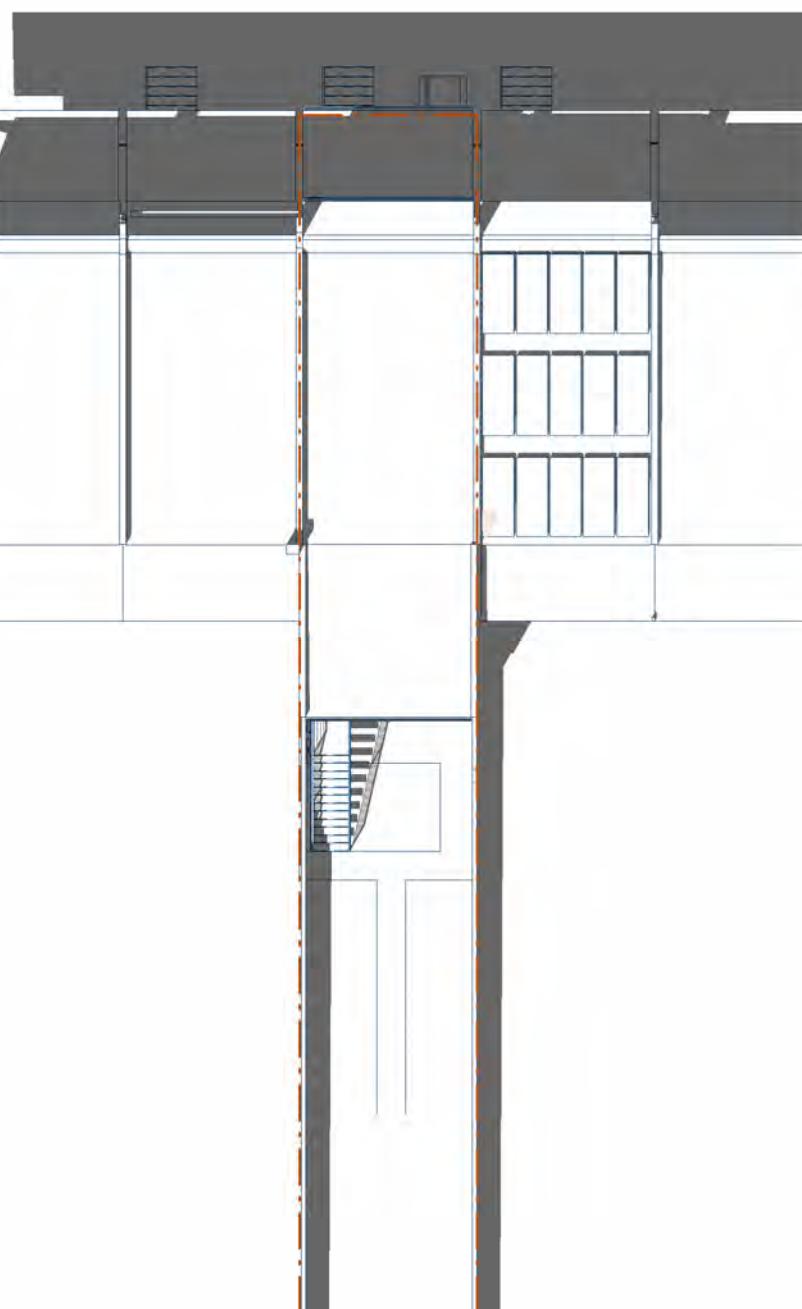
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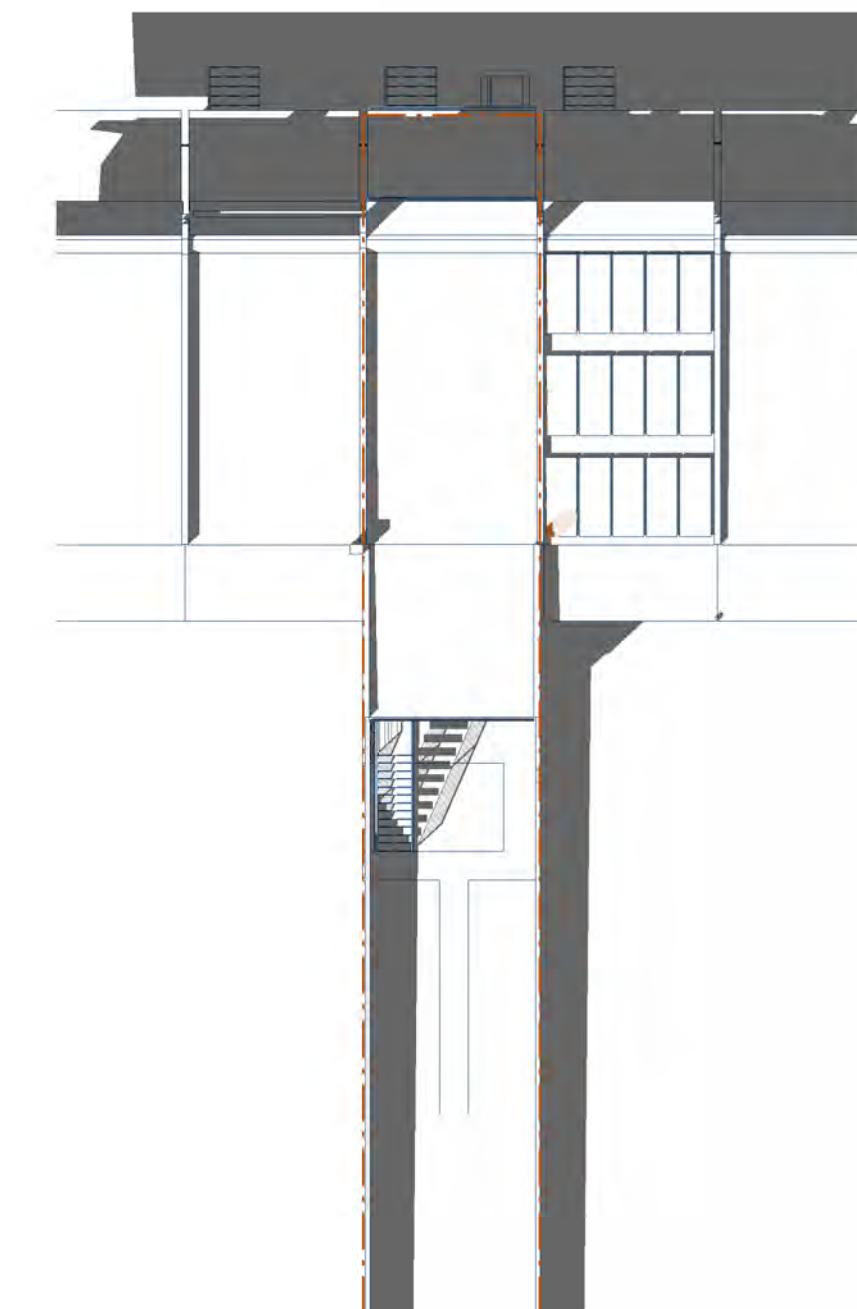
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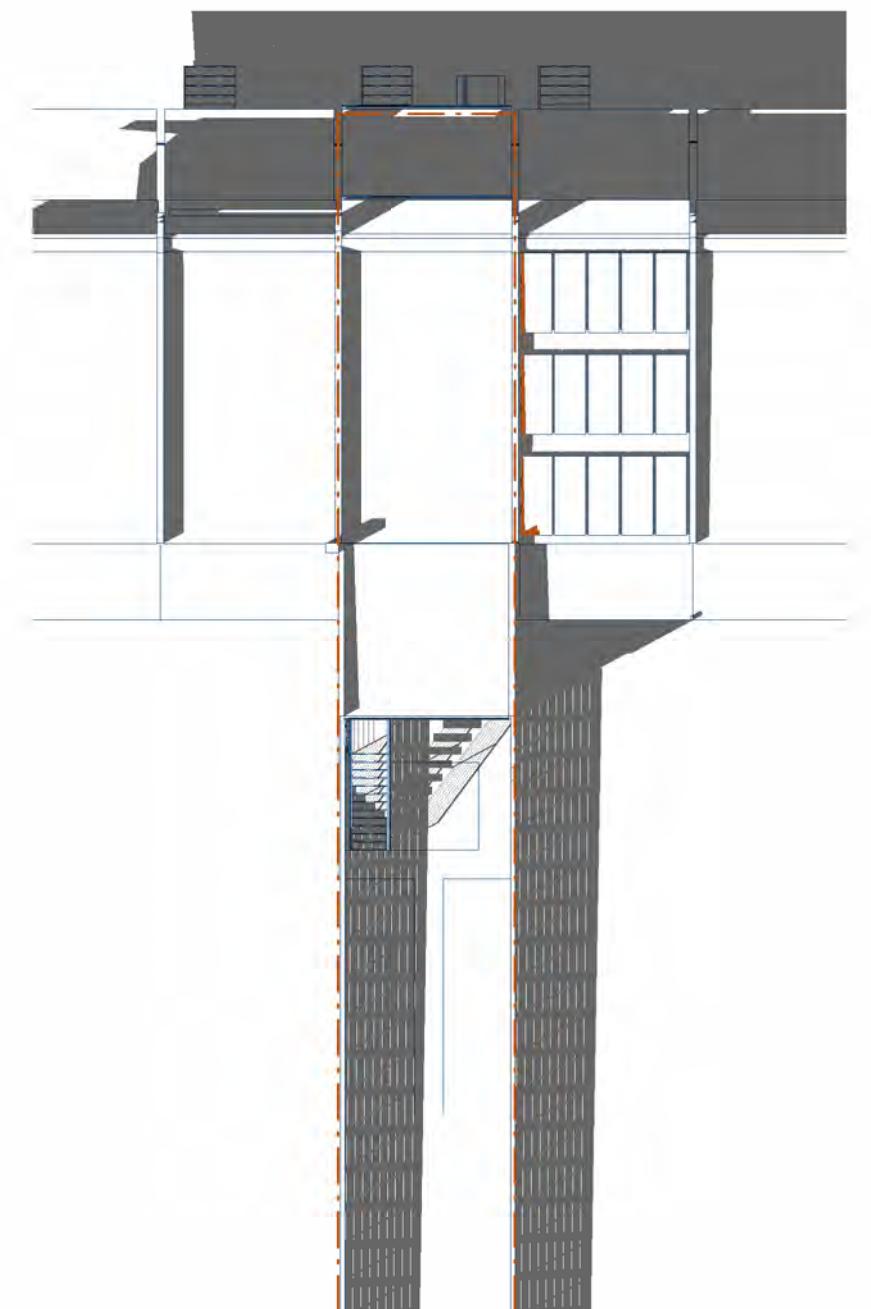
9a Ex. E09 - Equinox - 1 PM



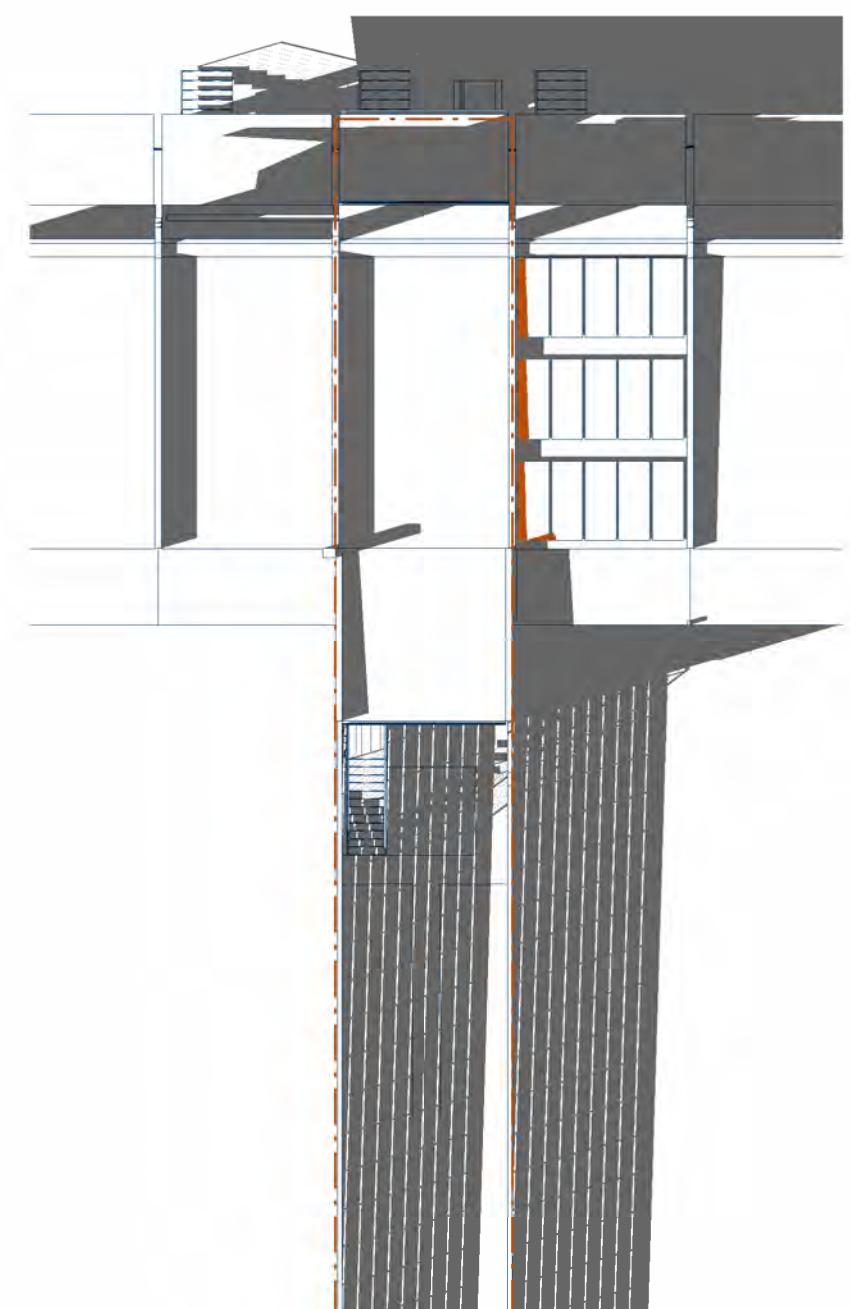
10a Ex. E10 - Equinox - 2 PM



11a Ex. E11 - Equinox - 3 PM



12a Ex. E12 - Equinox - 4 PM



13a Ex. E13 - Equinox - 5 PM



9b Ex. E09 - Equinox - 1 PM

10b Ex. E10 - Equinox - 2 PM

11b Ex. E11 - Equinox - 3 PM

12b Ex. E12 - Equinox - 4 PM

13b Ex. E13 - Equinox - 5 PM



A913

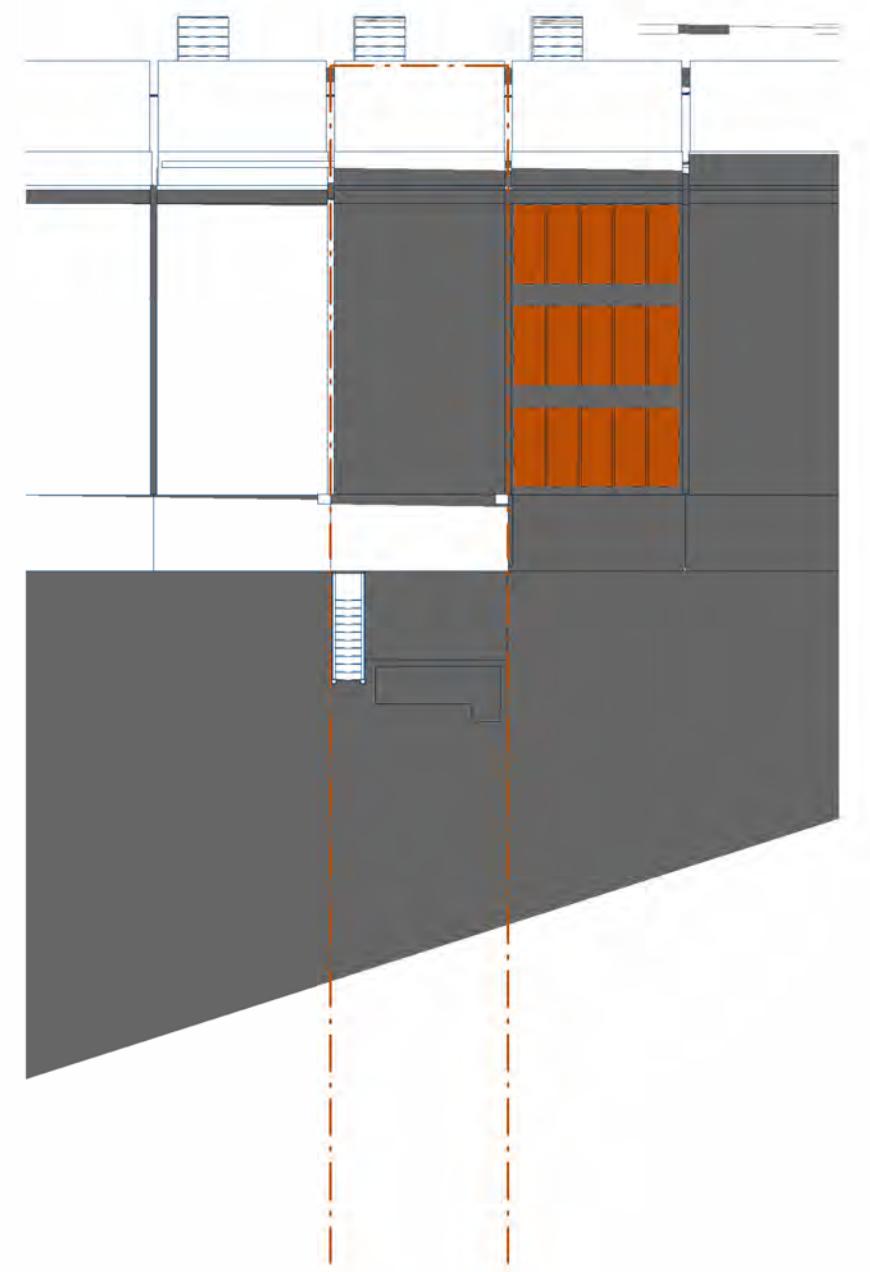
Solar Studies - Equinox 3

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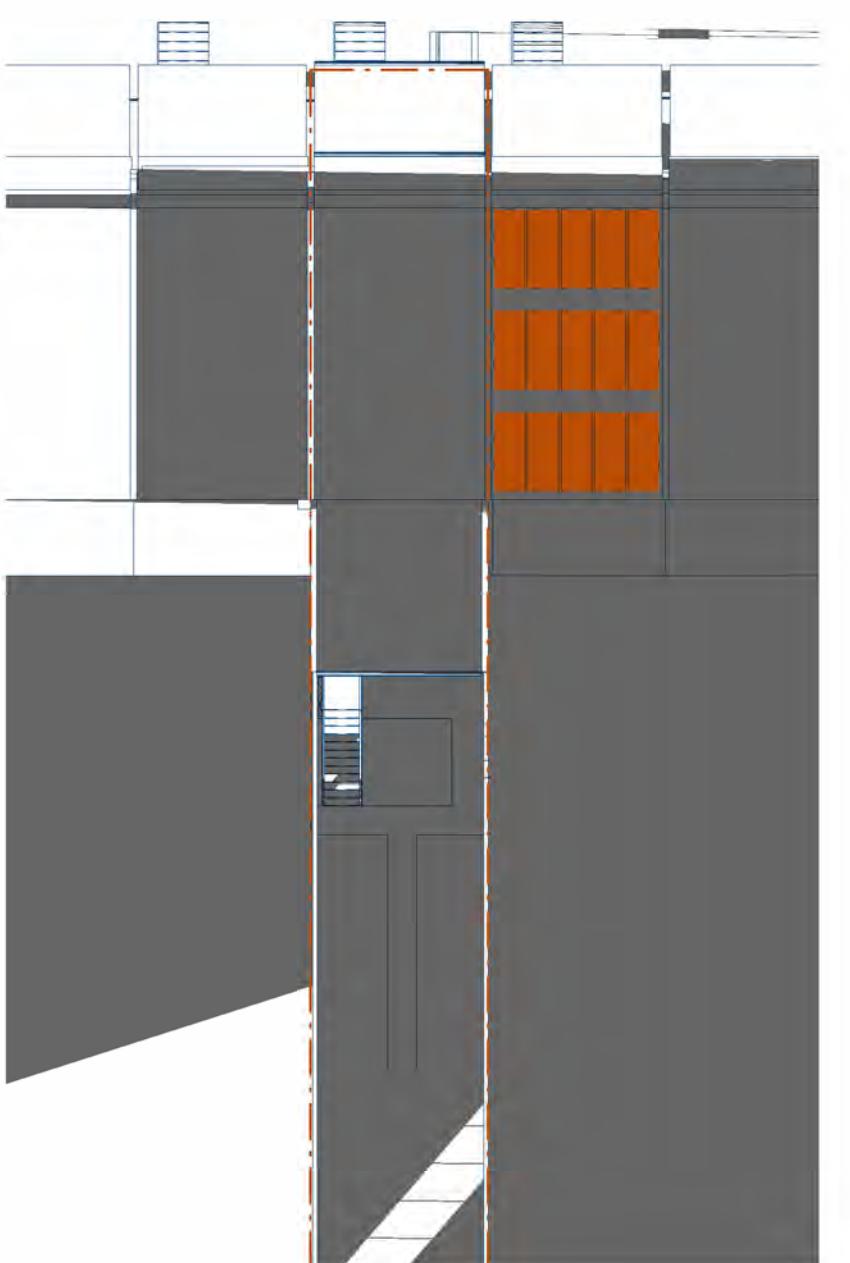
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14a Ex. E14 - Equinox - Sunset - 609 PM



14b E14 - Equinox - Sunset - 609 PM



SCALE: 1" = 20'-0"

AHJ APPROVAL STAMP

DESIGN PROFESSIONAL STAMP

PROJECT:
**Single Family w/
ADU**

1210 Ingraham St. NW
Washington, DC 20011

DATE: 28 August 2024
PROJECT NO: 23.15
REV. DATE

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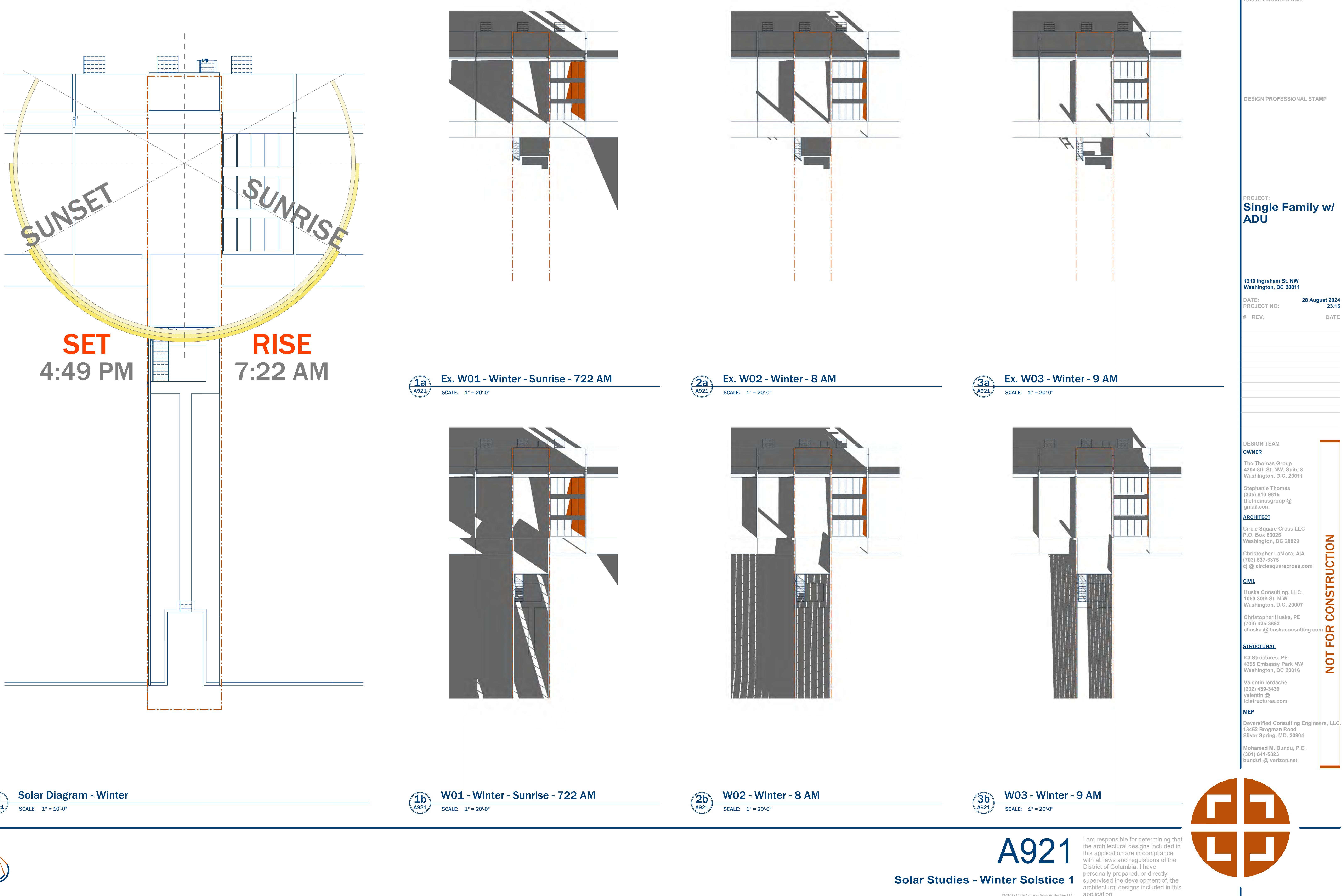
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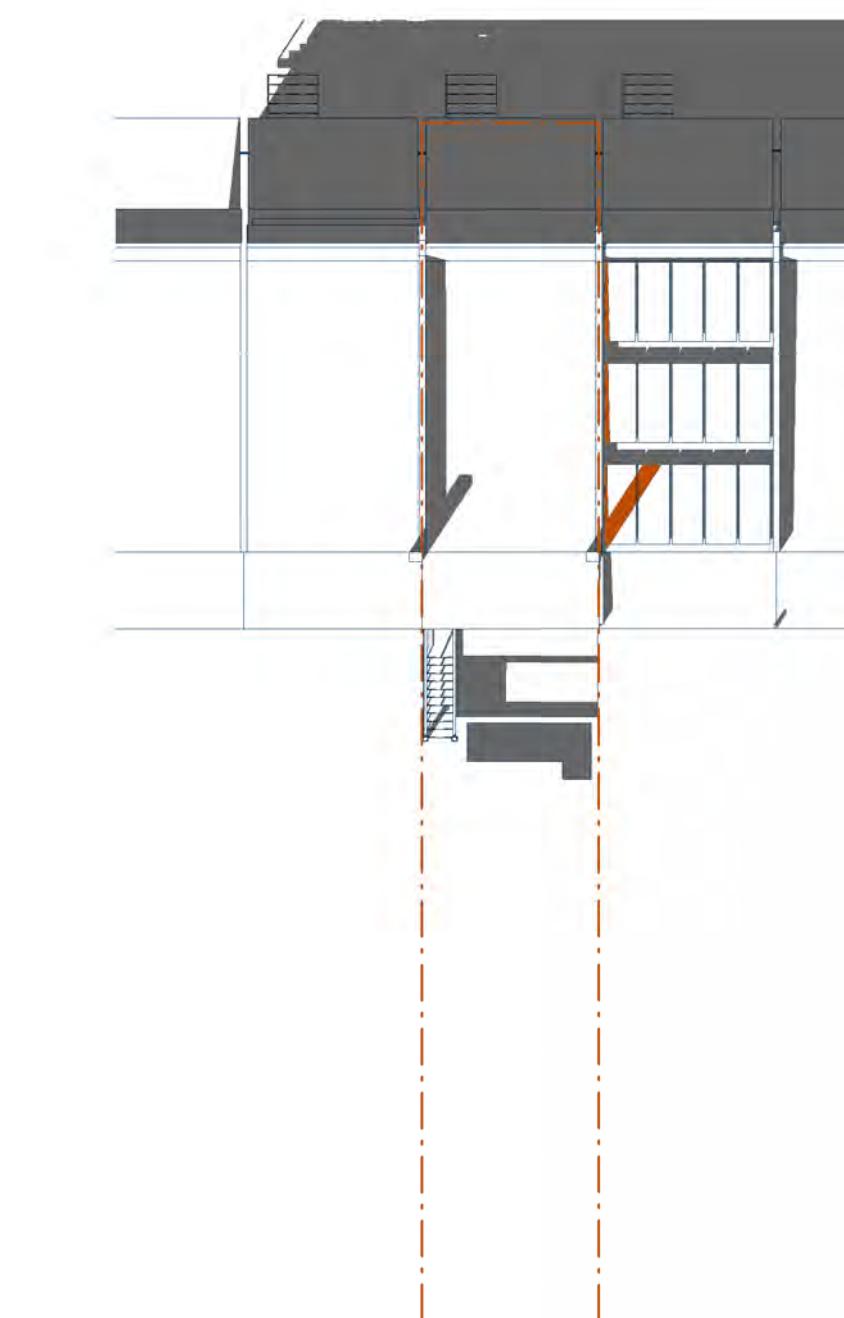
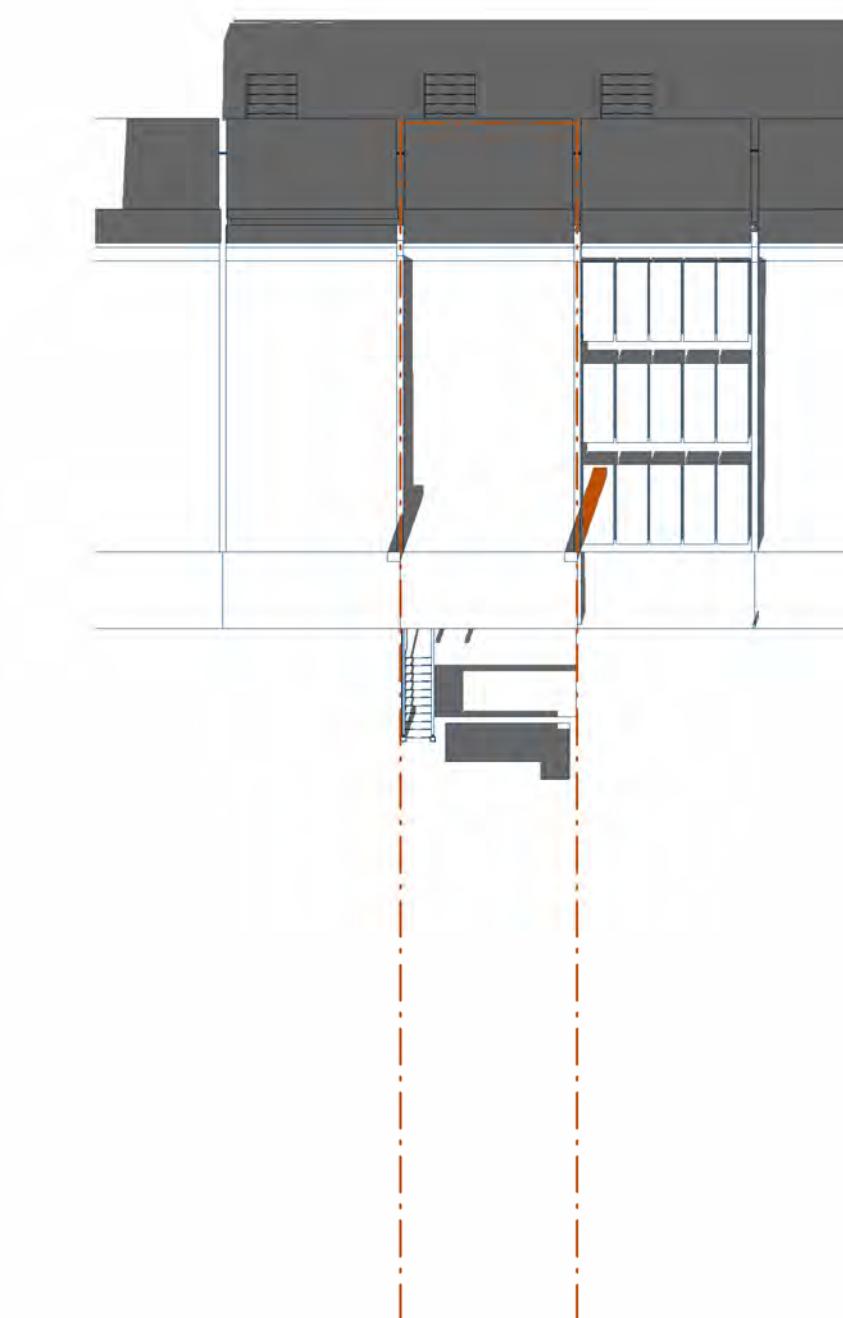
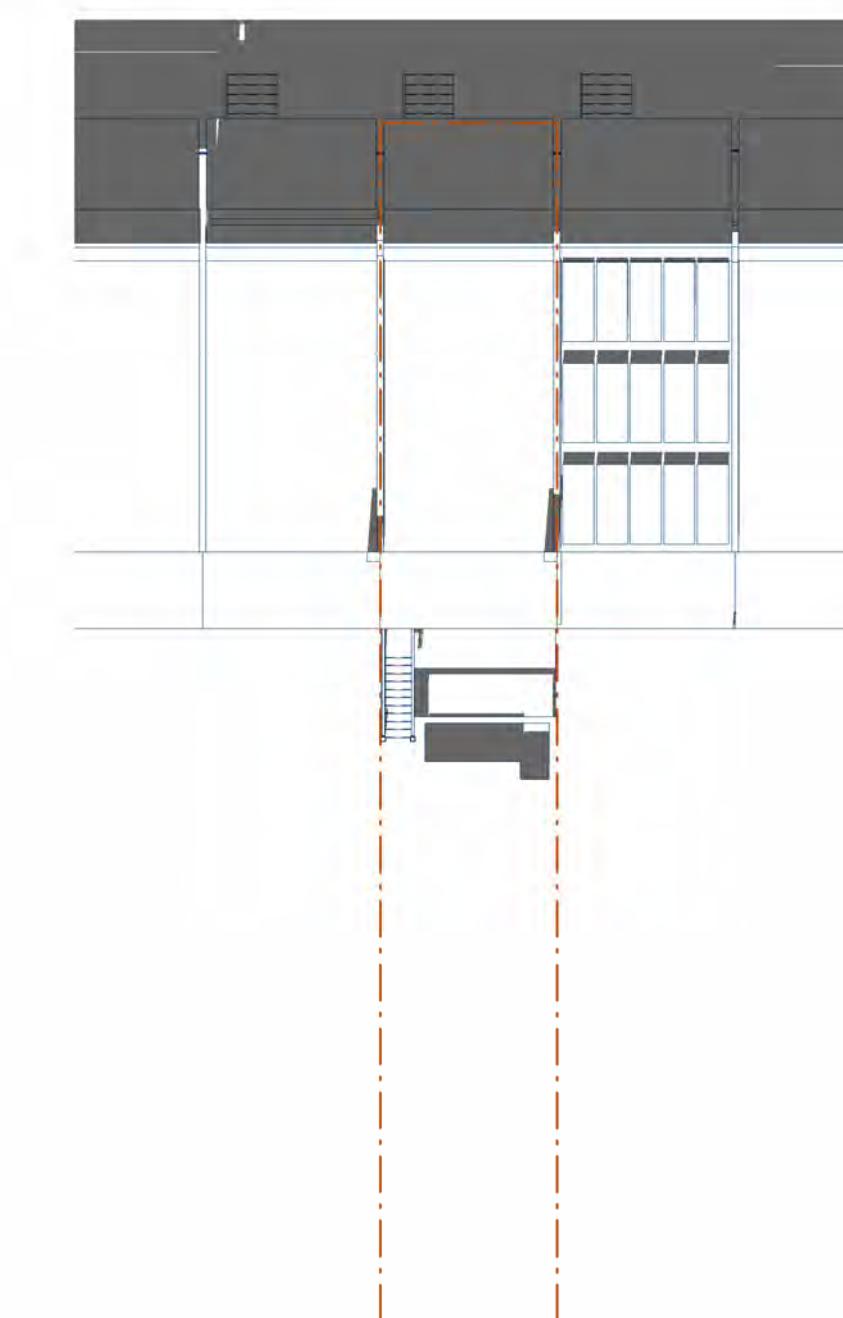
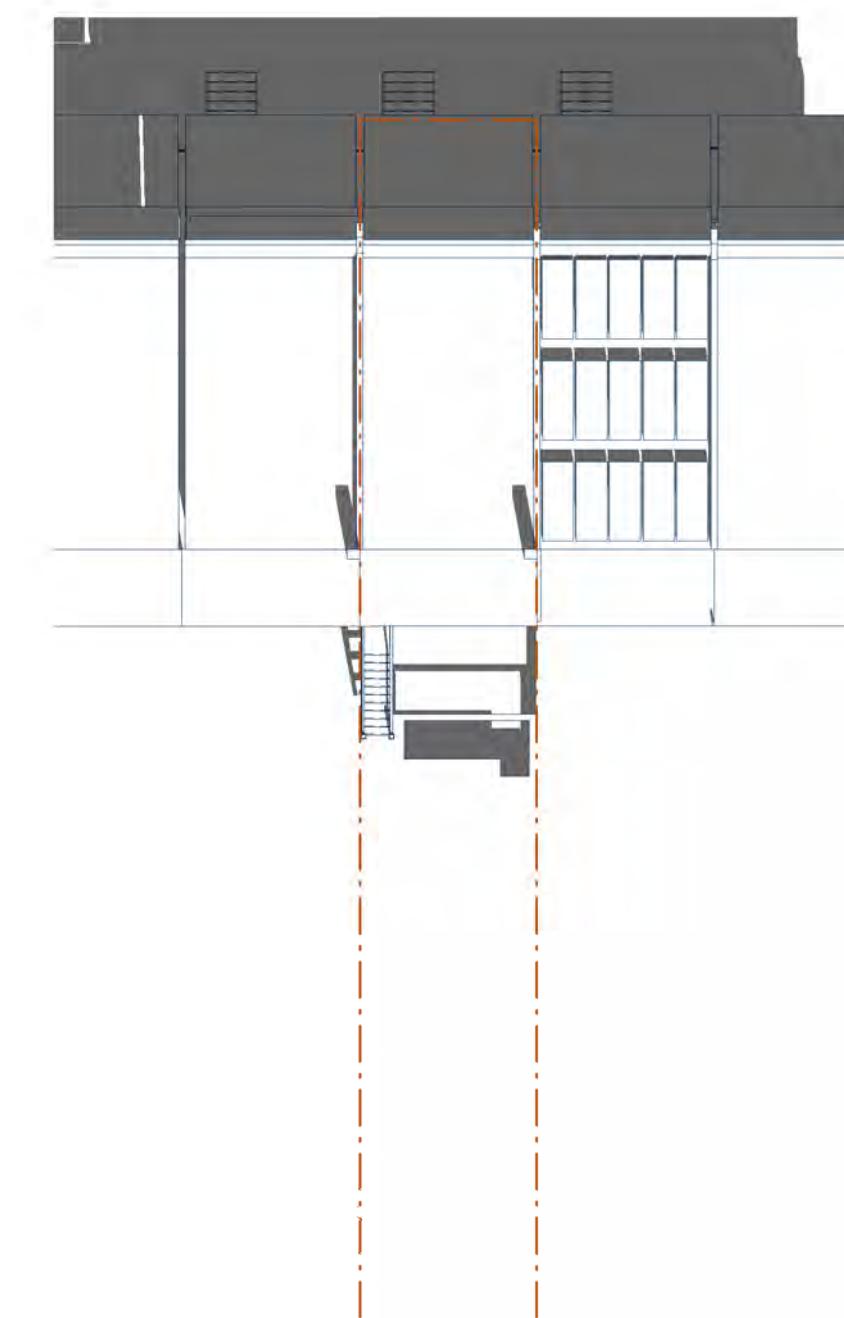
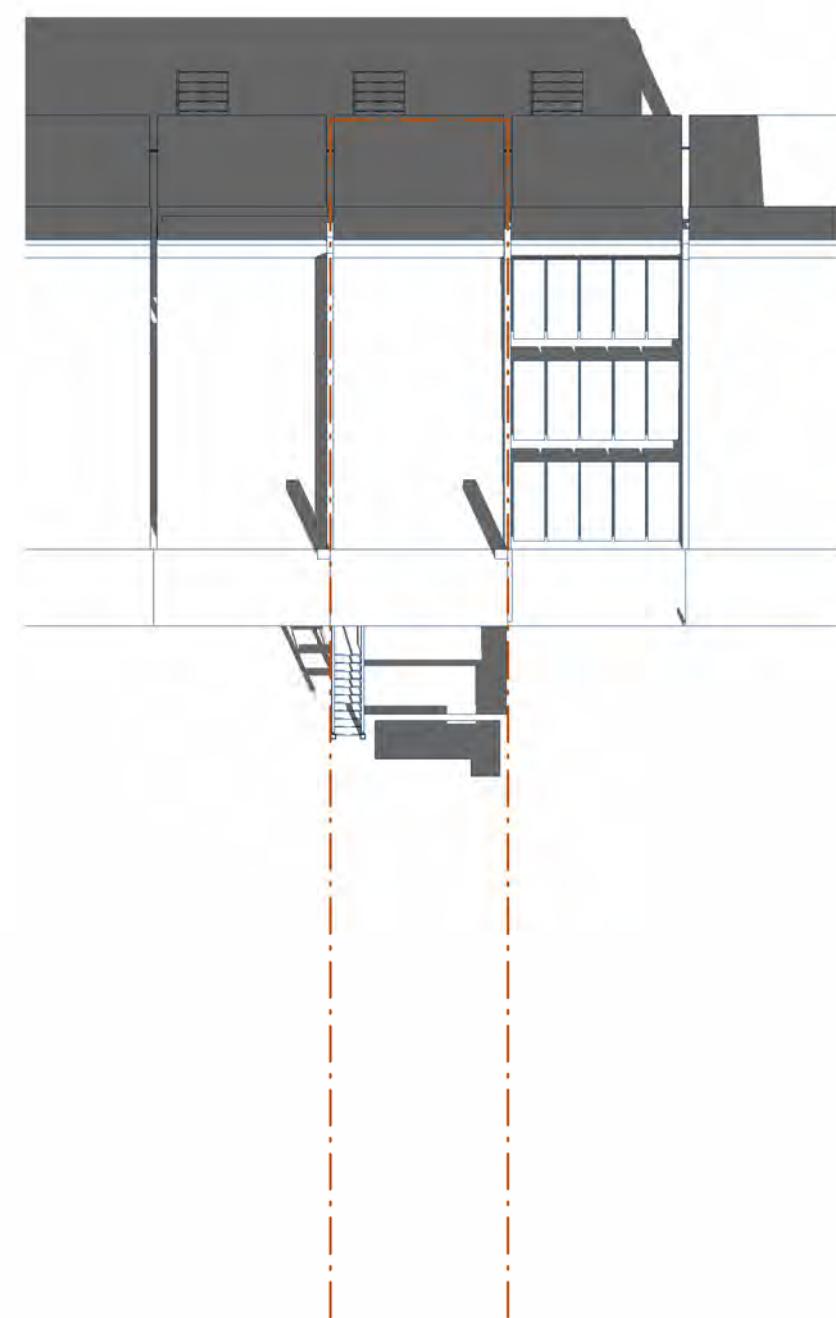
Solar Studies - Equinox 4

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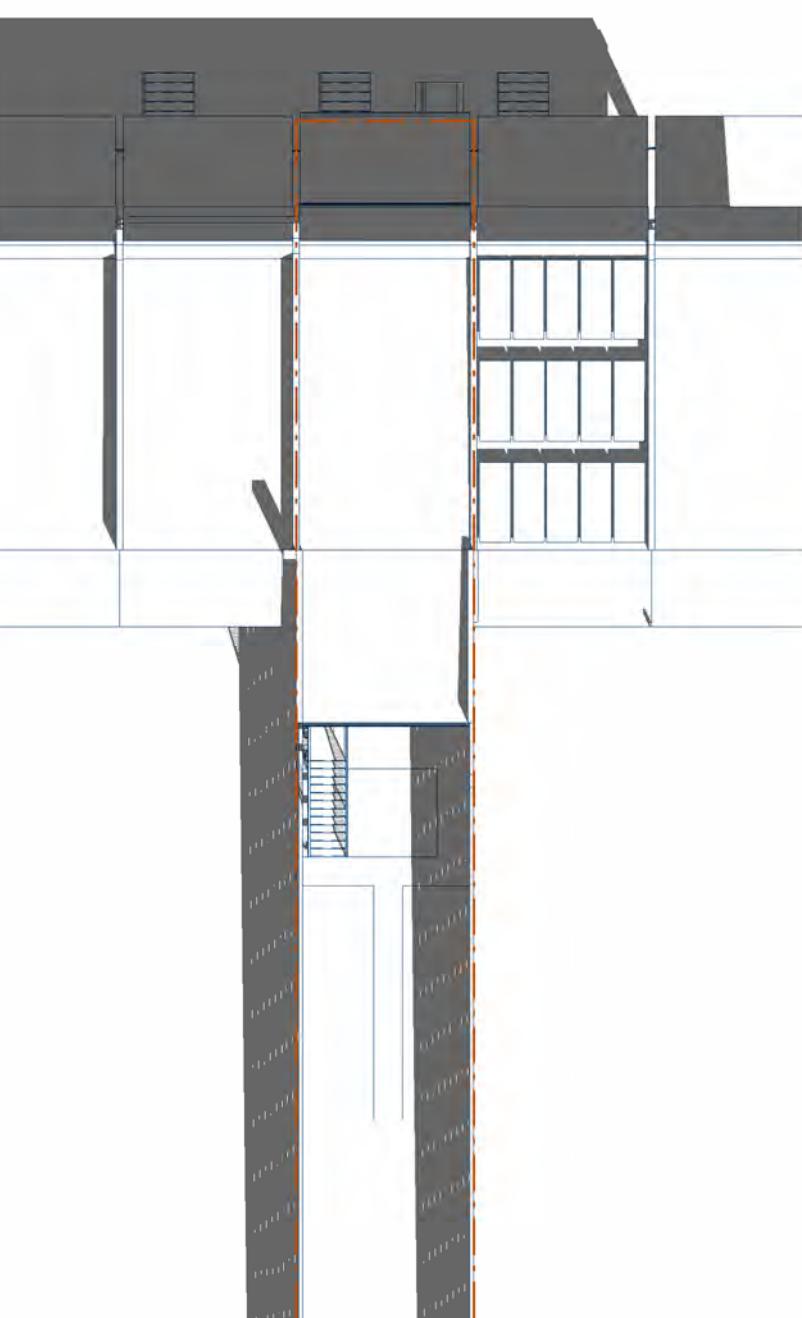






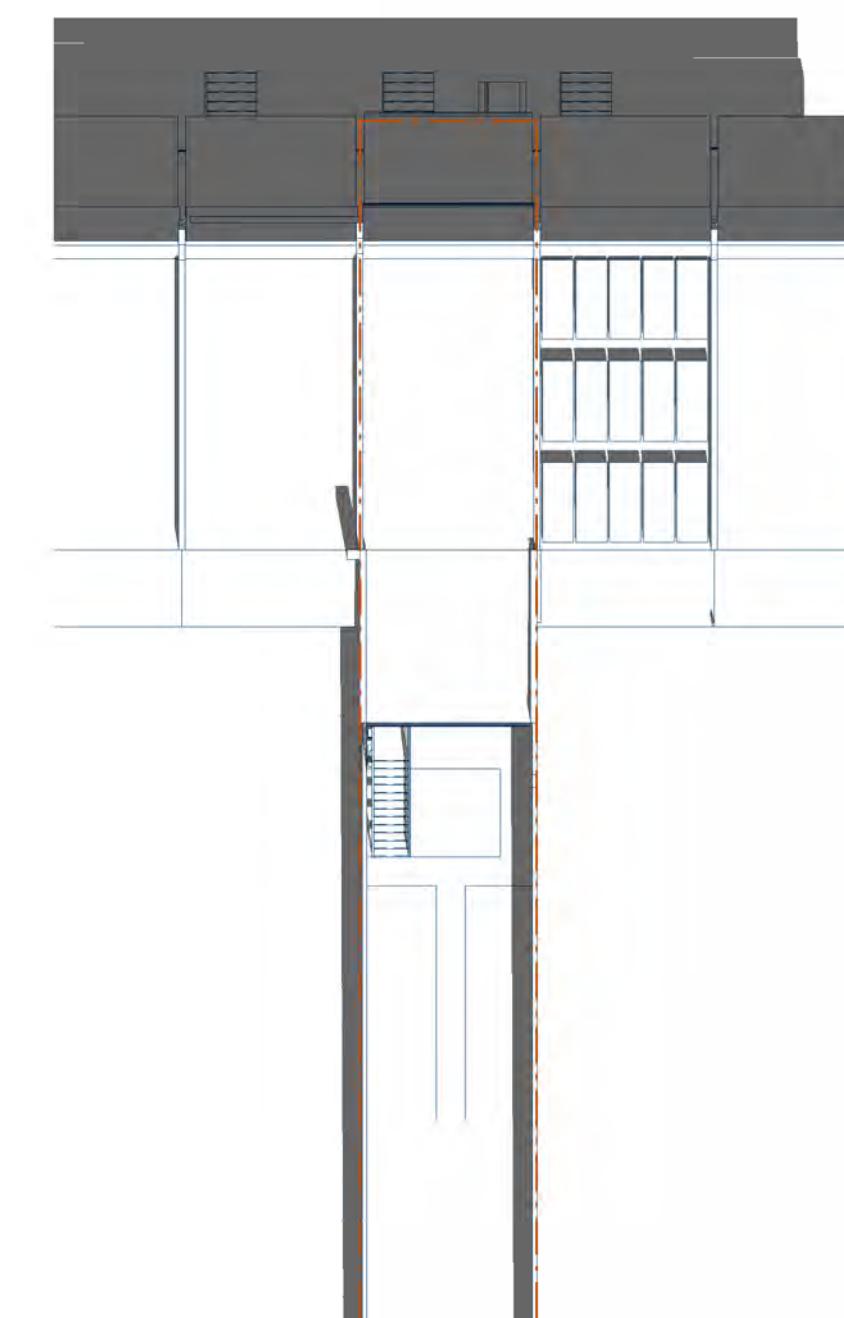
Ex. W04 - Winter - 10 AM

A922



Ex. W05 - Winter - 11 AM

A922



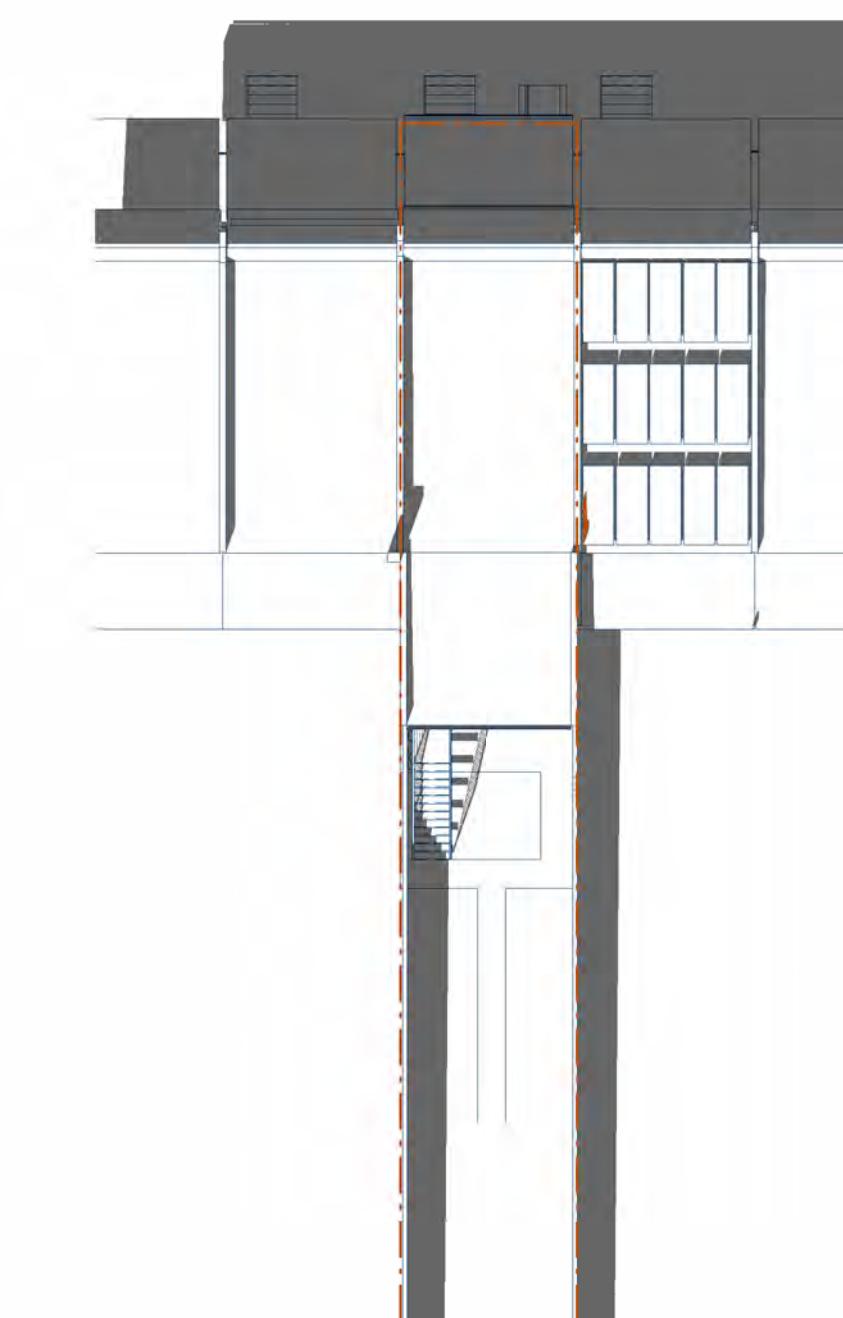
Ex. W06 - Winter - 12 PM

A922



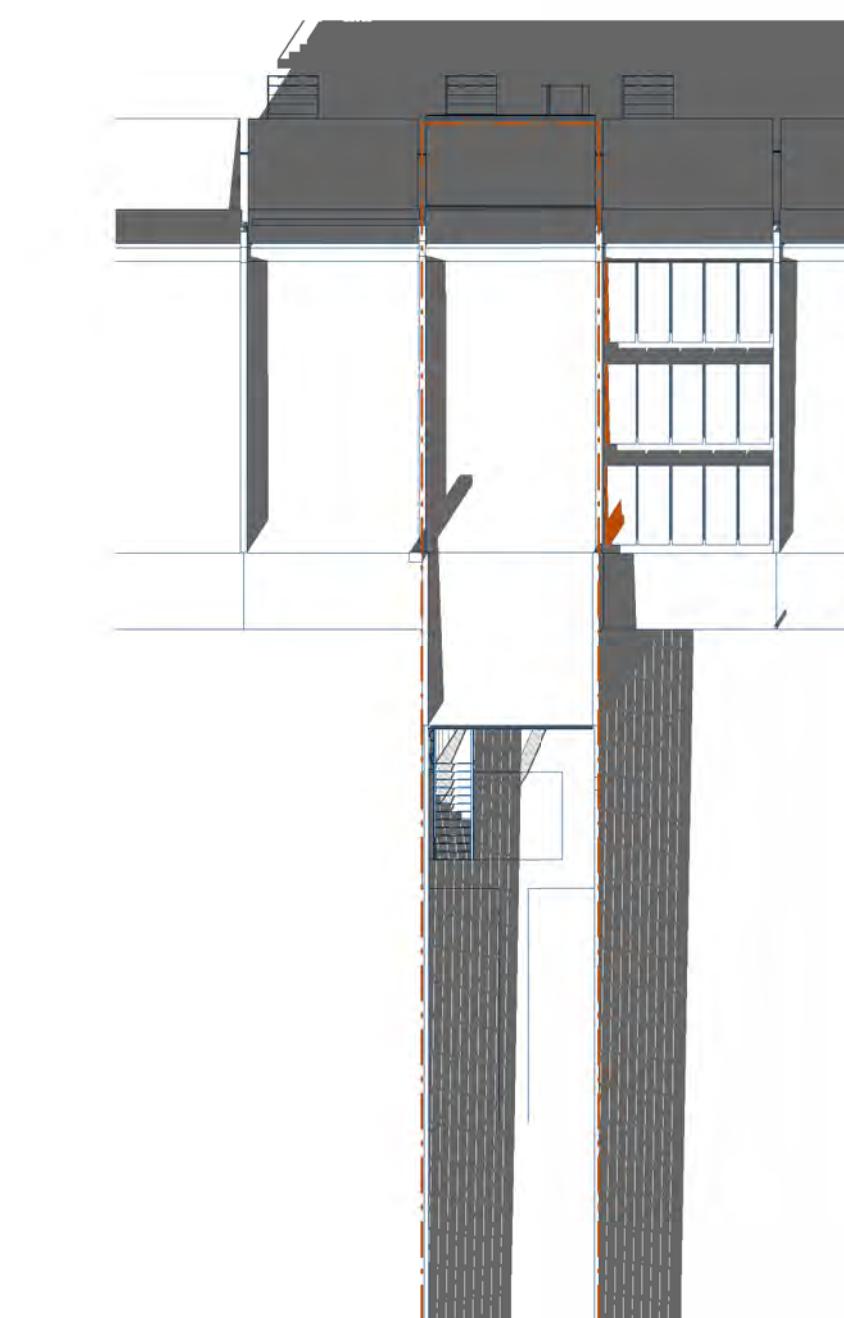
Ex. W07 - Winter - 1 PM

A922



Ex. W08 - Winter - 2 PM

A922



W04 - Winter - 10 AM

A922

W05 - Winter - 11 AM

A922

W06 - Winter - 12 PM

A922

W07 - Winter - 1 PM

A922

W08 - Winter - 2 PM

A922

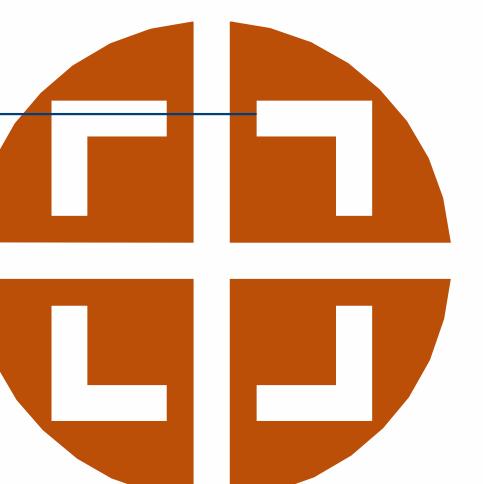


A922

Solar Studies - Winter Solstice 2

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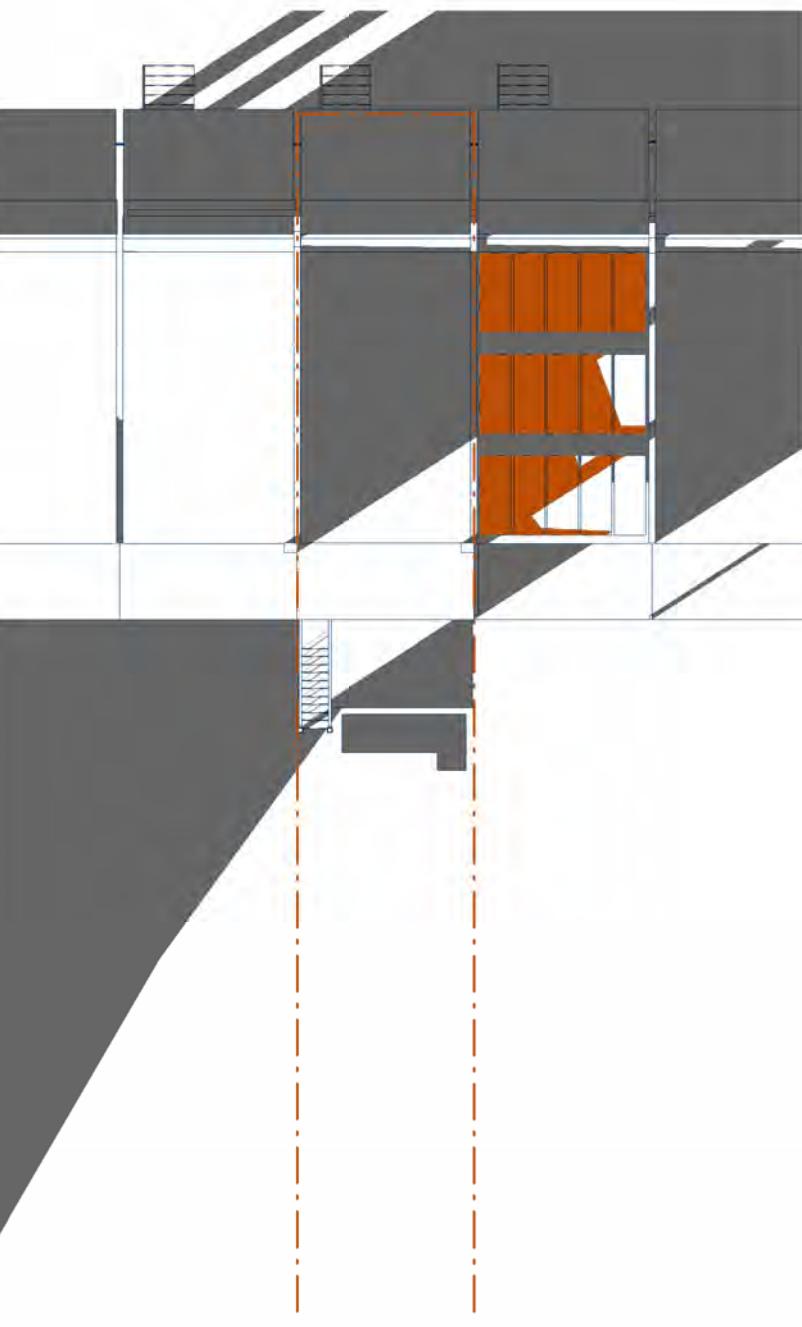
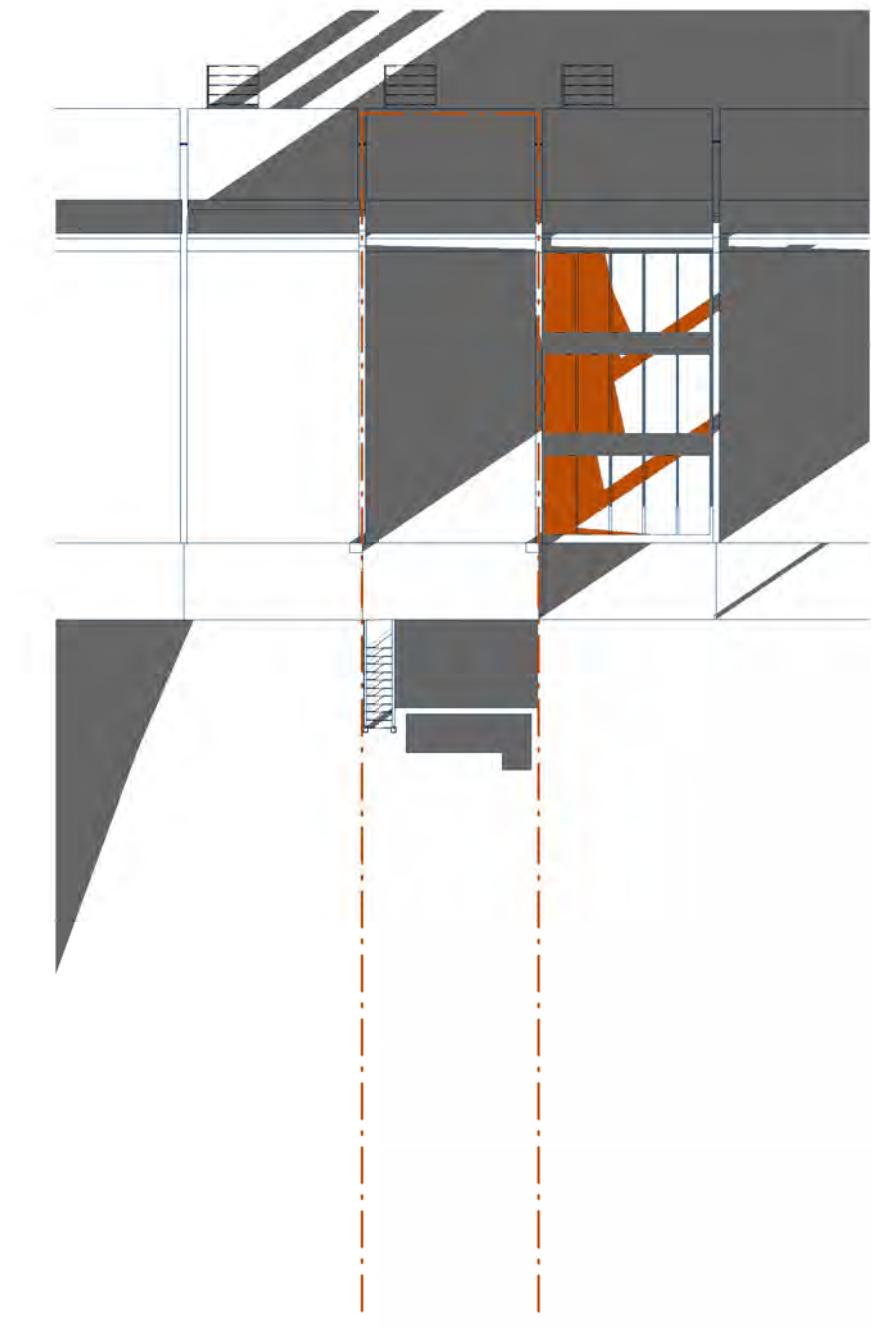
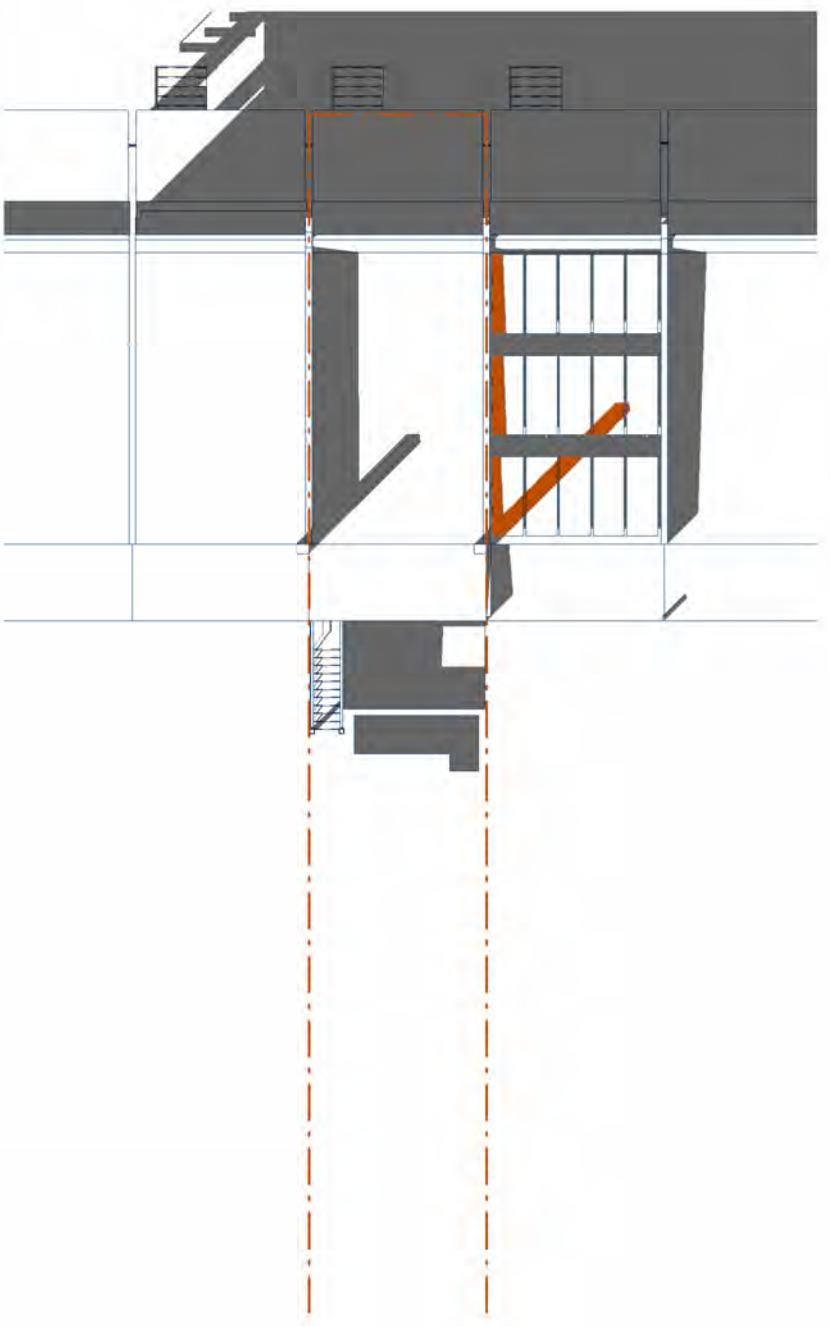
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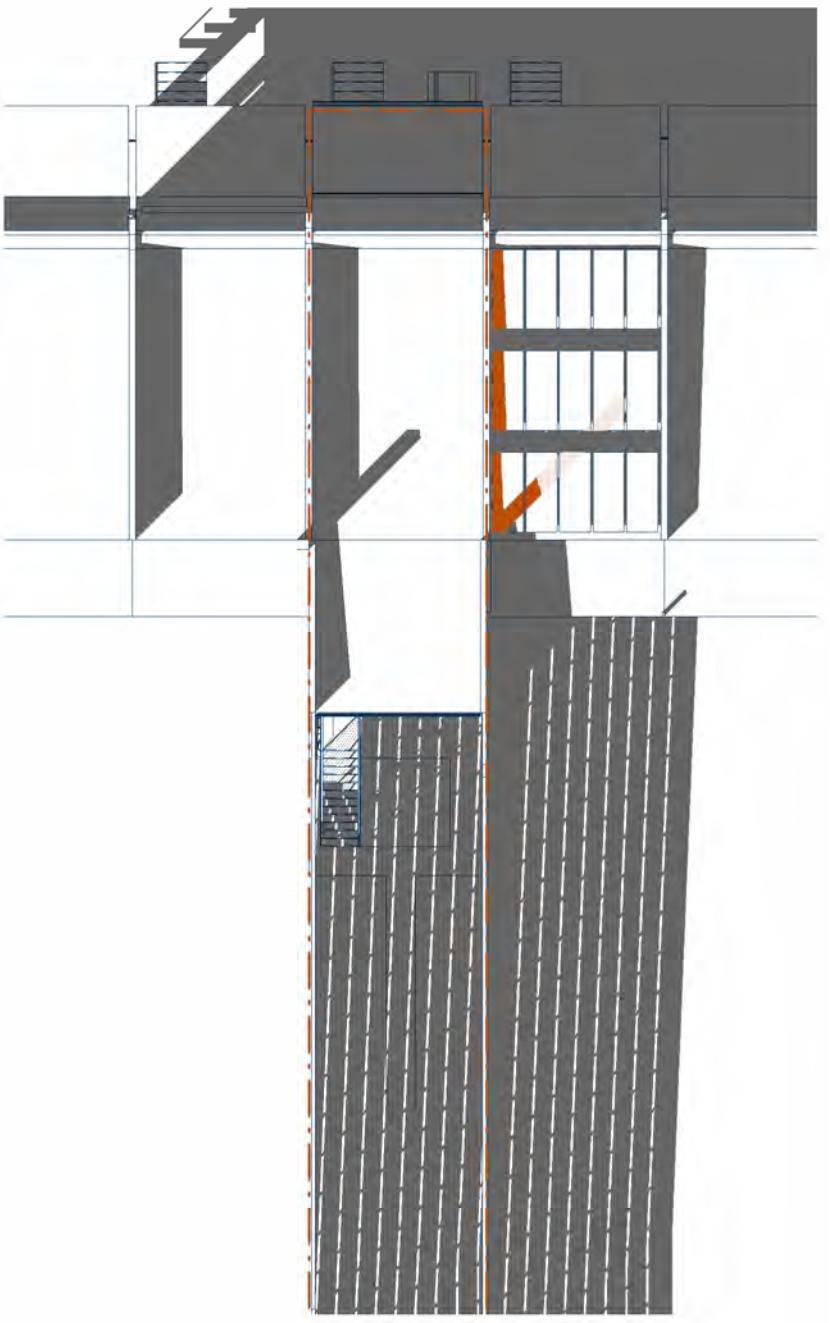
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Ex. W09 - Winter - 3 PM

A923

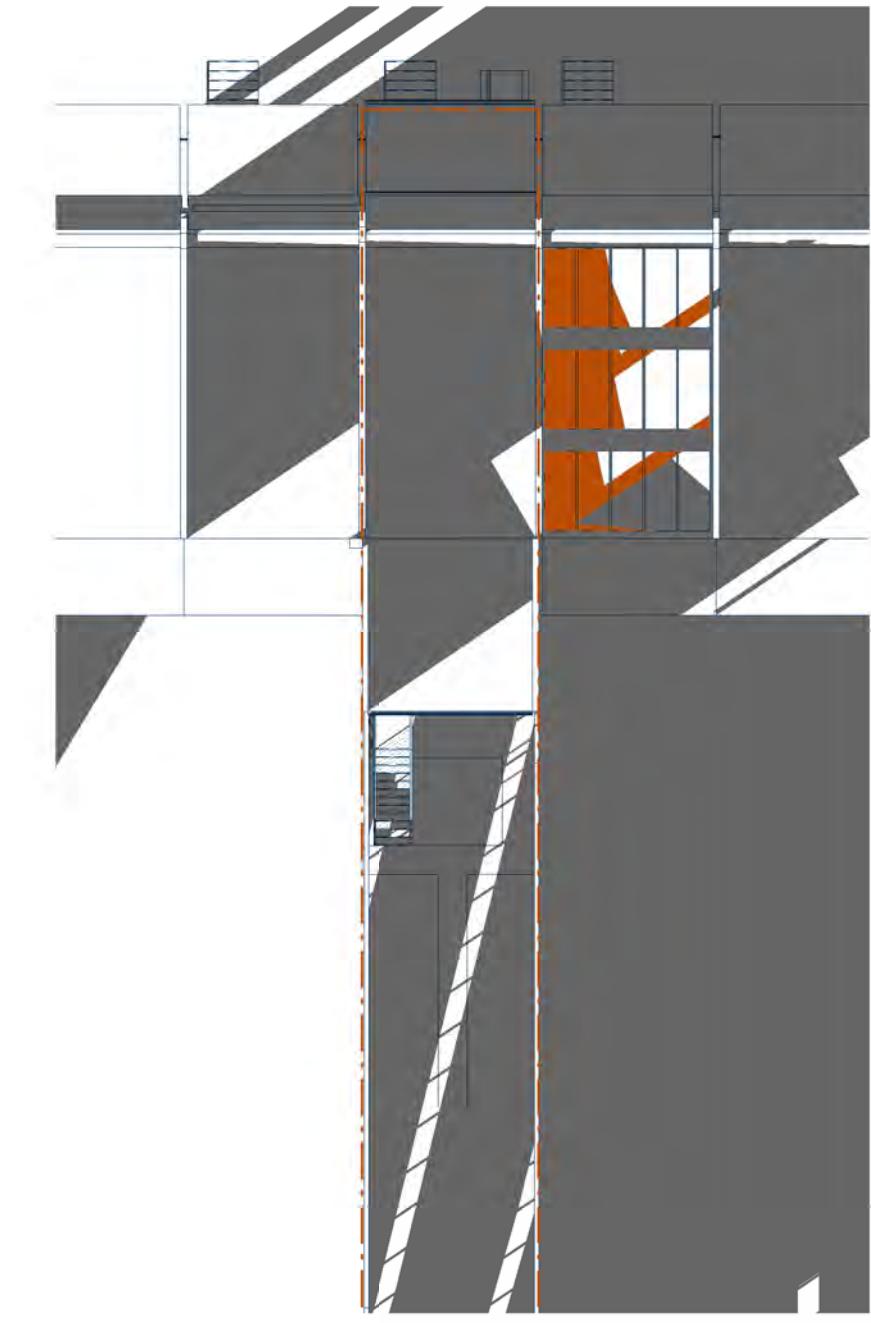
SCALE: 1" = 20'-0"



Ex. W10 - Winter - 4 PM

A923

SCALE: 1" = 20'-0"



Ex. W11 - Winter - Sunset - 449 PM

A923

SCALE: 1" = 20'-0"



W09 - Winter - 3 PM

A923

SCALE: 1" = 20'-0"

W10 - Winter - 4 PM

A923

SCALE: 1" = 20'-0"

W11 - Winter - Sunset - 449 PM

A923

SCALE: 1" = 20'-0"

**A923****Solar Studies - Winter Solstice 3**

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