

The intent of this project is to show users a typical set of drawings. On this particular sheet, an "intelligent" title block is used to display sheet number as well as a worksheet that creates a "List of Drawings" as sheets with title blocks are added to the set.

The rendered image was created from rendered iteration of this file and image effects applied to it.



Drawing List		
1	A0.0	COVER
2	A1.1	SITE
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2019 DEMO
Mix Use

7150 RIVERWOOD DRIVE, COLUMBIA, MD 21046

Project Title



Architect

Product Marketing
Architecture Studio
7160 Riverwood Drive
Columbia, MD 21046

Consultant

Structural and Building
Services

REV.	DATE	DESCRIPTION
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NO.	DATE	ISSUE NOTE
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Project Manager	JCF	Drawn By	jcf
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Date	September 2018	Reviewed By	rs
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Project ID	123456789
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Sheet Title

Preliminary

COVER

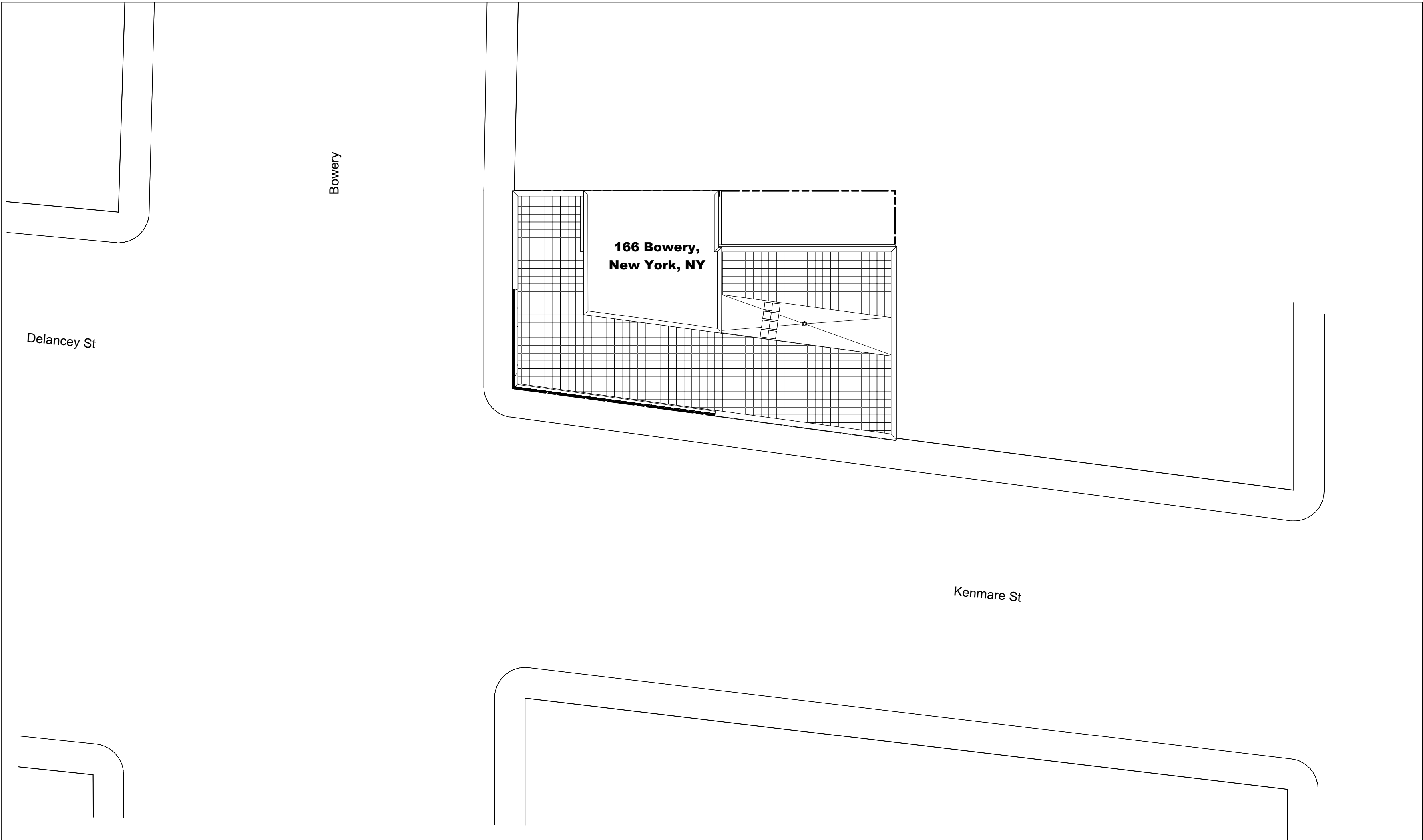
Sheet No.

A0.0

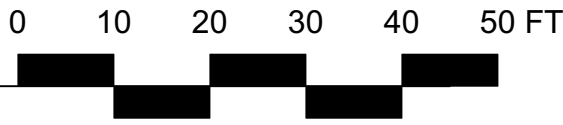
This sheet shows both the architectural model as well as site information. In this case, the site information was developed from simple 2D polygons that were then converted to 3D and given height data.



1 Location
Not to Scale



2 Site Plan
Scale: 1" = 20'-0"



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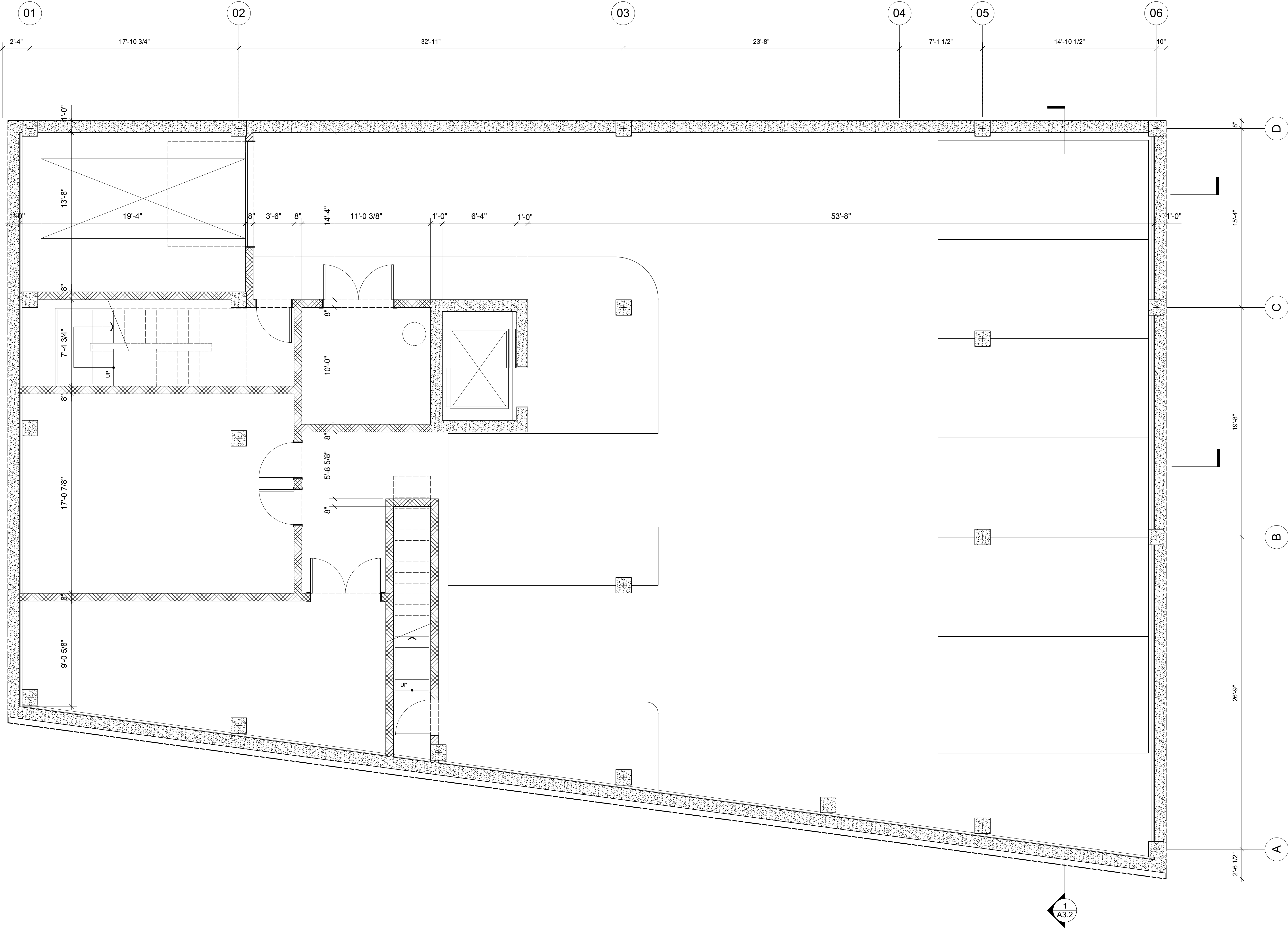
Sheet Title

SITE

Sheet No.

A1.1

Section and elevation markers are derived from the section or elevation that created them. General Dimensions along with Grid where created in a Desing Layer. Additional Dimensions and call outs are created in the Viewport Annotation



1
A3.3

1
A3.1

1
A3.2

1
Basment Floor Plan
Scale: 1/4" = 1'-0"



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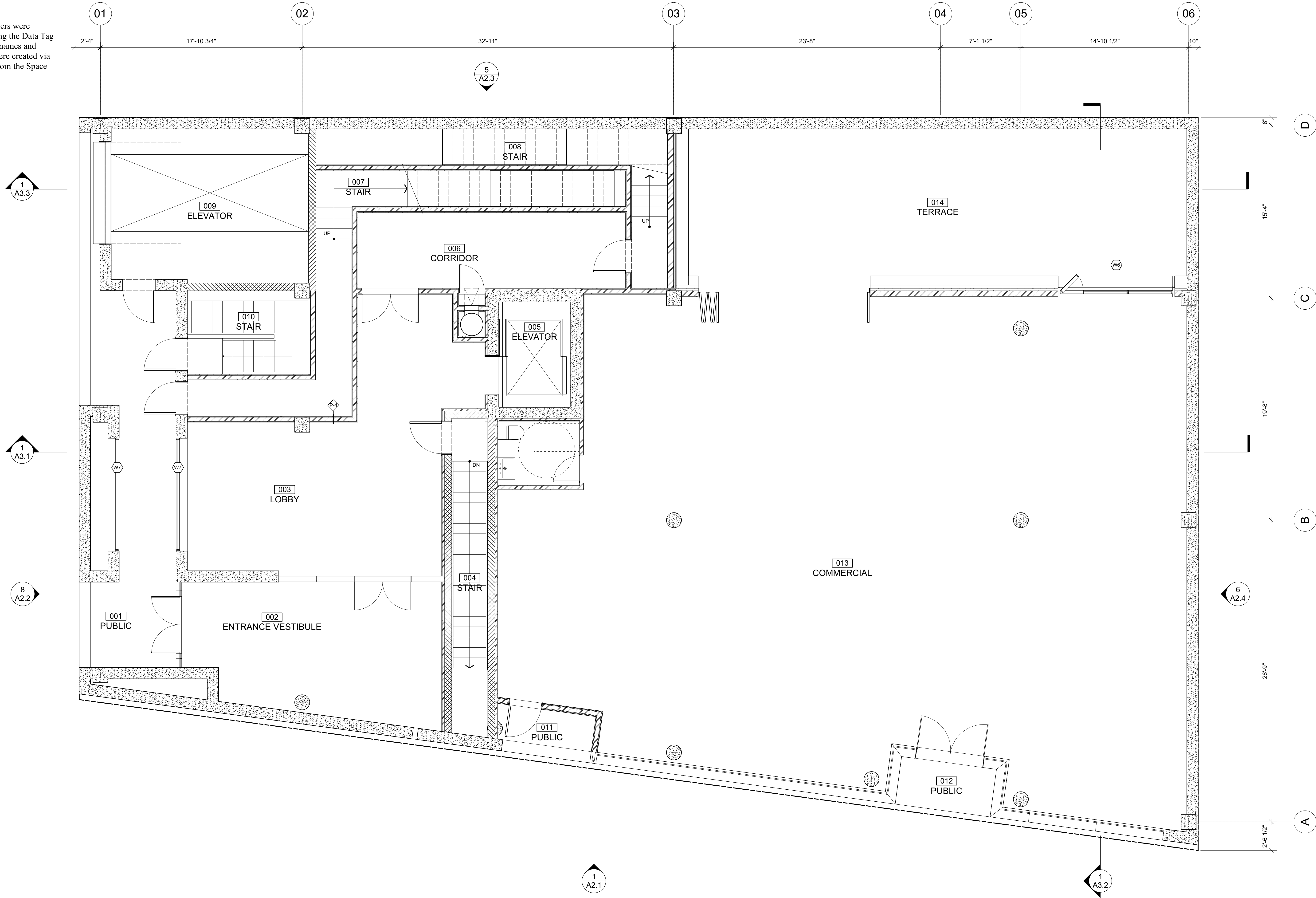
PLANS BASEMENT

Sheet No.

A1.2

1/17/18

Door numbers were created using the Data Tag tool, room names and numbers were created via Data Tag from the Space tool.



1 Ground Floor Plan
Scale: 1/4" = 1'-0"



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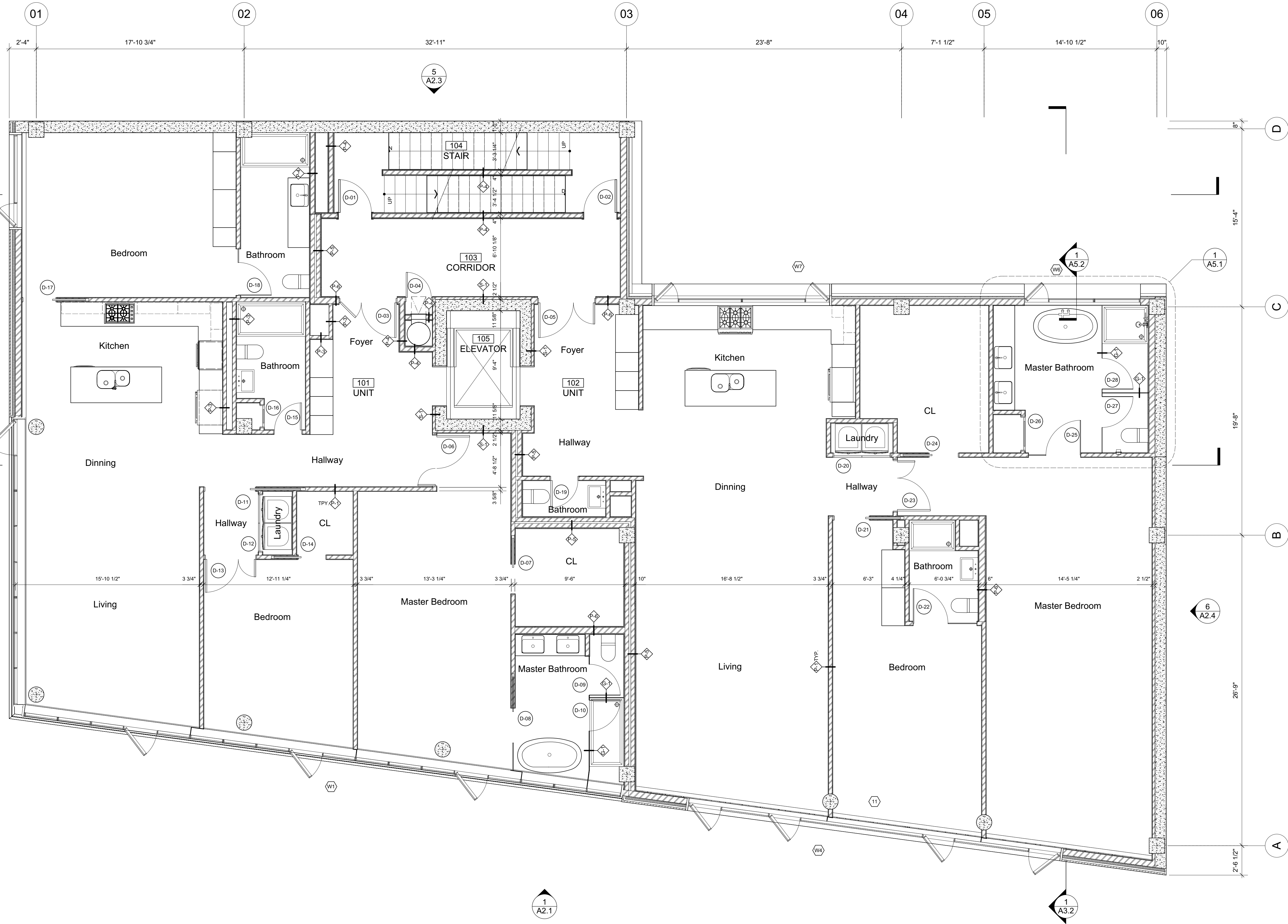
Preliminary

PLANS GROUND

Sheet No.

A1.3

Door numbers were created using the Data Tag tool, room names and numbers were created via Data Tag from the Space tool.



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PLANS TYPICAL

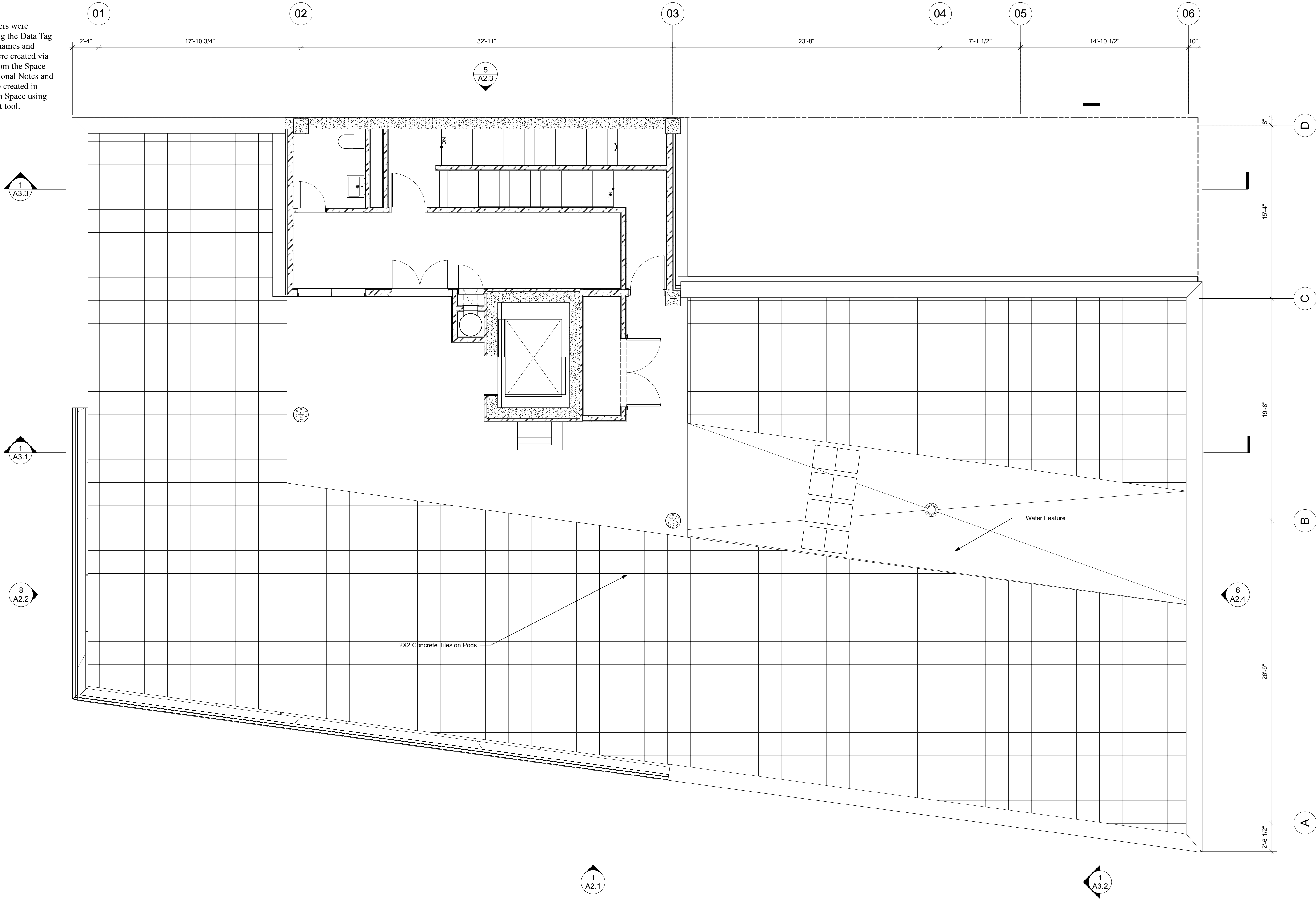
Sheet No.

A1.4

1 Typ Floor Plan
Scale: 1/4" = 1'-0"



Door numbers were created using the Data Tag tool, room names and numbers were created via Data Tag from the Space tool. Additional Notes and call outs are created in Annotate Space using the Call-Out tool.



4 Roof Top Floor Plan
Scale: 1/4" = 1'-0"



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Sheet Title

Preliminary

PLANS ROOF TOP

Sheet No.

A1.5

Model-based elevations are created using the "Create Section Viewport" command. Window tags are created using the Data Tag tool and place in Annotation Space as well as Dimensions and Bench Marks. Additional line weight improves the "readability" of the view. Shade and Shadow are created via Directional Lights at 45° for Architectural shadows and rendered is a combination of OpenGL with Hidden Line and Image Effect.



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Sheet Title

ELEVATIONS

Sheet No.

A2.1

Model-based elevations are created using the "Create Section Viewport" command. Window tags are created using the Data Tag tool and place in Annotation Space as well as Dimensions and Bench Marks. Additional line weight improves the "readability" of the view. Shade and Shadow are created via Directional Lights at 45° for Architectural shadows and rendered is a combination of OpenGL with Hidden Line and Image Effect.



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Sheet Title

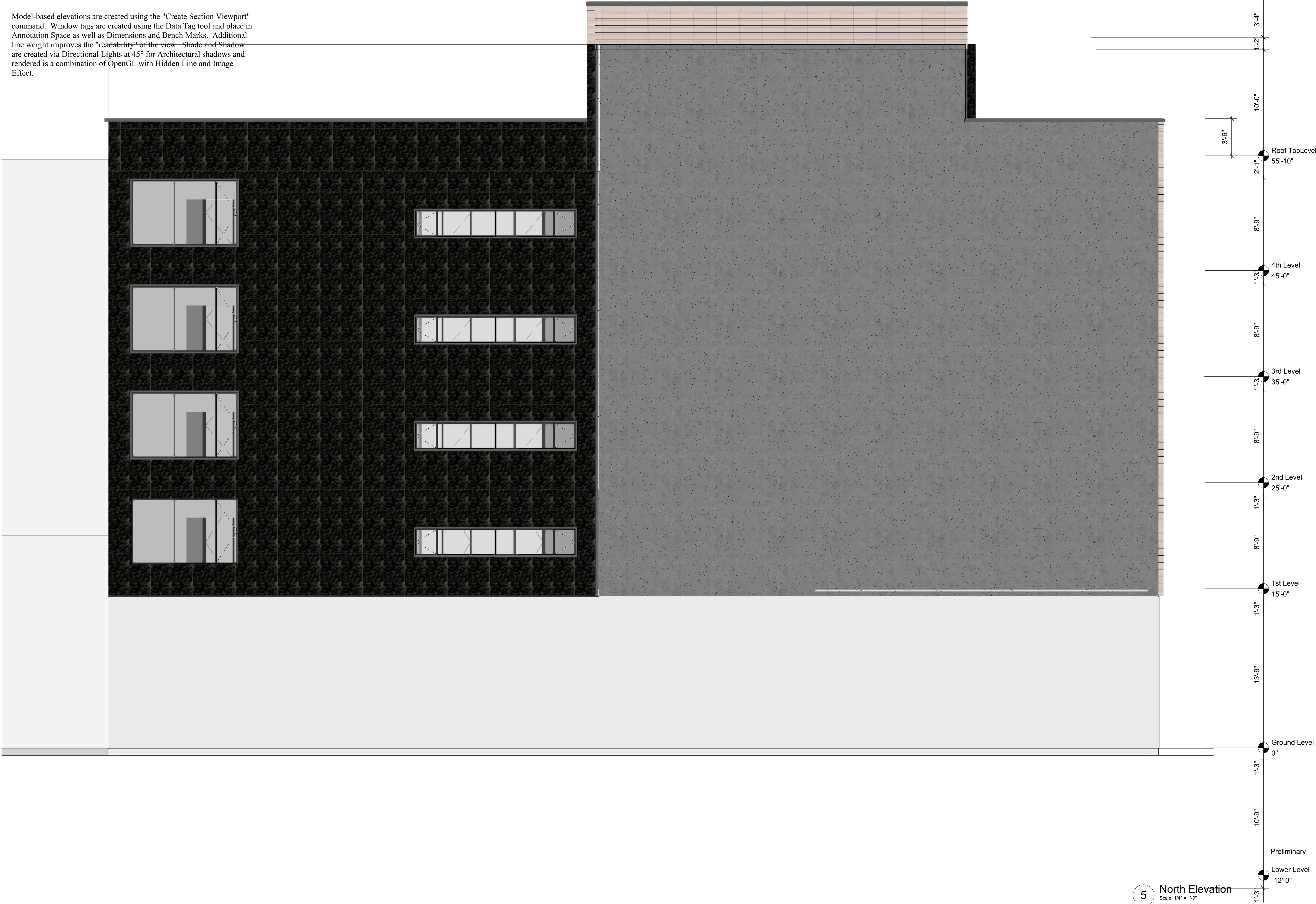
ELEVATIONS

Sheet No.

A2.2

1/17/19

Model-based elevations are created using the "Create Section Viewport" command. Window tags are created using the Data Tag tool and place in Annotation Space as well as Dimensions and Bench Marks. Additional line weight improves the "readability" of the view. Shade and Shadow are created via Directional Lights at 45° for Architectural shadows and rendered is a combination of OpenGL with Hidden Line and Image Effect.



5 North Elevation
Scale: 1/4" = 1'-0"



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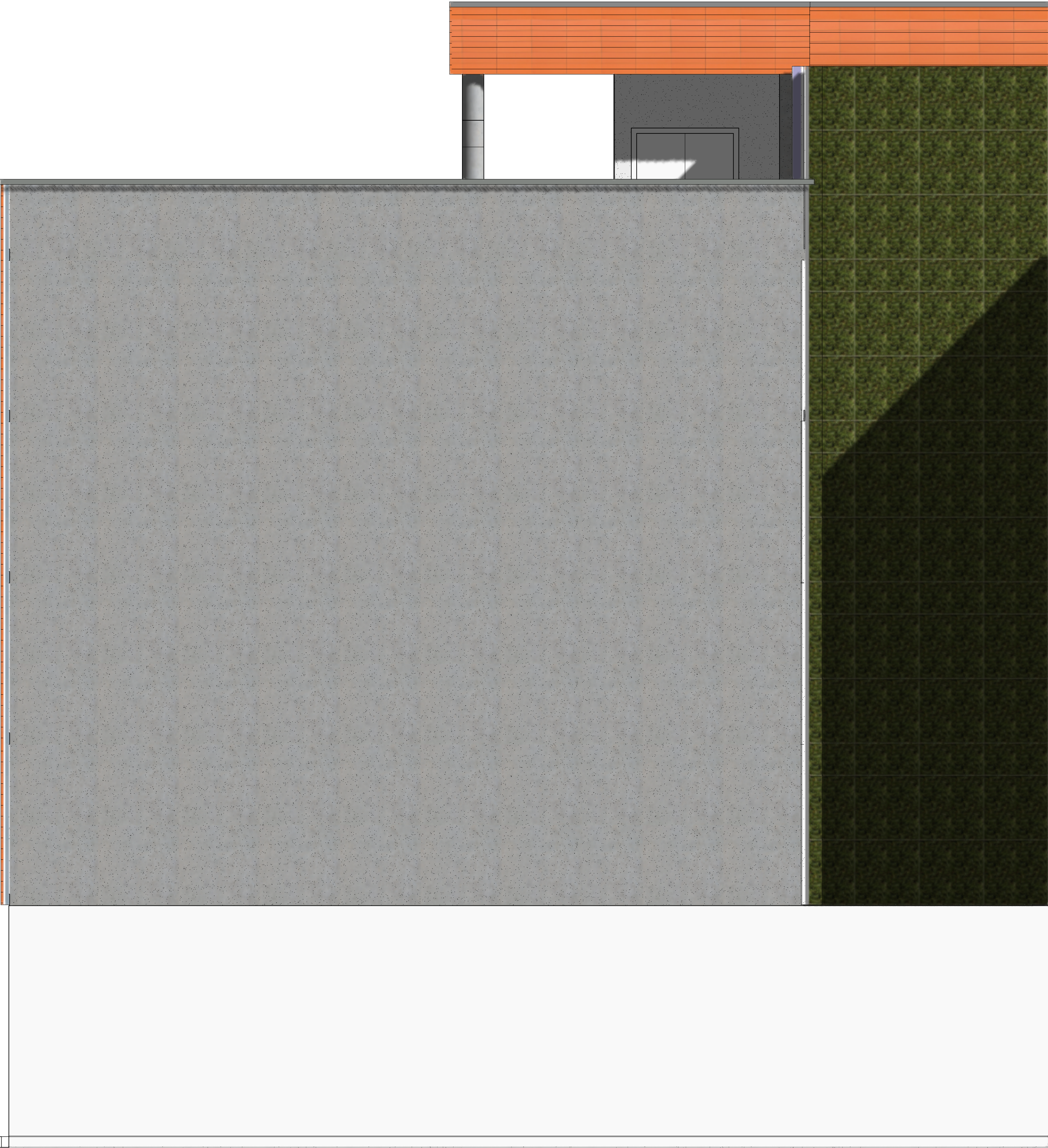
Sheet Title

ELEVATIONS

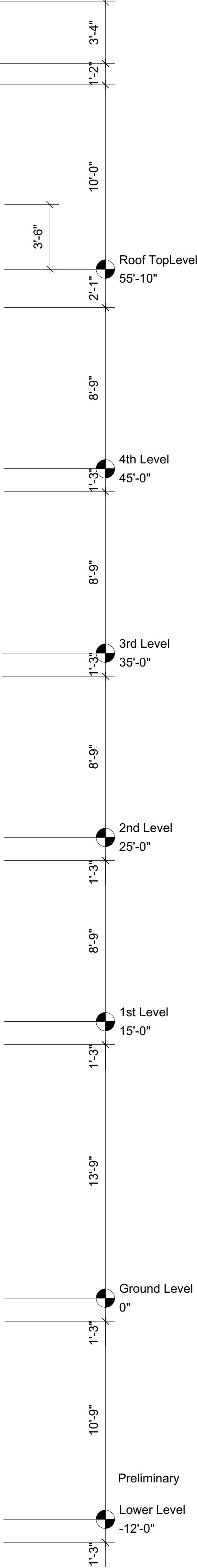
Sheet No.

A2.3

Model-based elevations are created using the "Create Section Viewport" command. Window tags are created using the Data Tag tool and place in Annotation Space as well as Dimensions and Bench Marks. Additional line weight improves the "readability" of the view. Shade and Shadow are created via Directional Lights at 45° for Architectural shadows and rendered is a combination of OpenGL with Hidden Line and Image Effect.



6 East Elevation
Scale: 1/4" = 1'-0"



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ELEVATIONS

Sheet No.

A2.4

Model-based building sections are created using either the "Create Section Viewport" command and the Detail Level set to Low.



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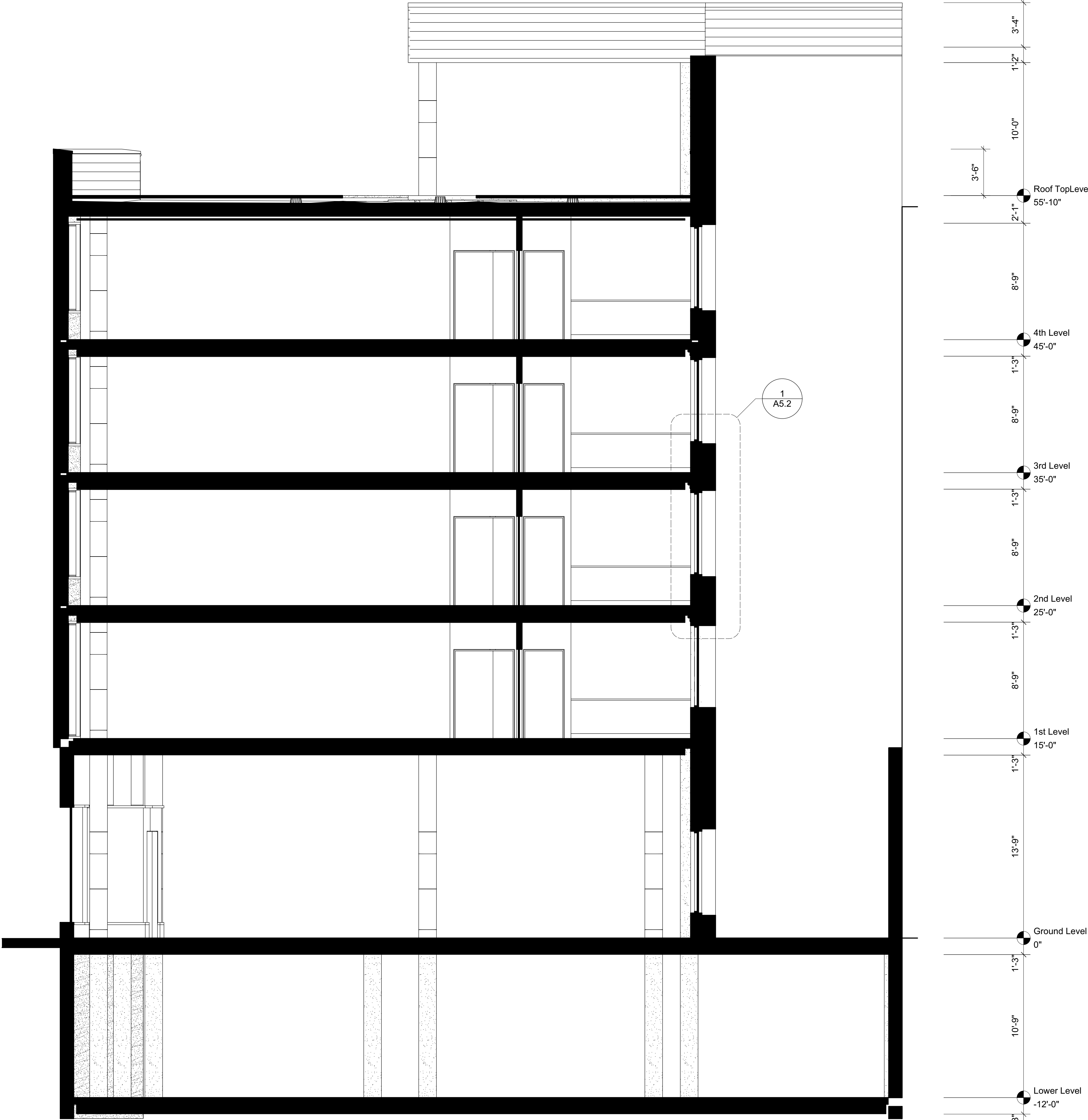
Sheet Title

SECTIONS

Sheet No.

A3.1

Model-based building sections are created using either the "Create Section Viewport" command and the Detail Level set to Low.



1 Section
Scale: 1/4" = 1'-0"



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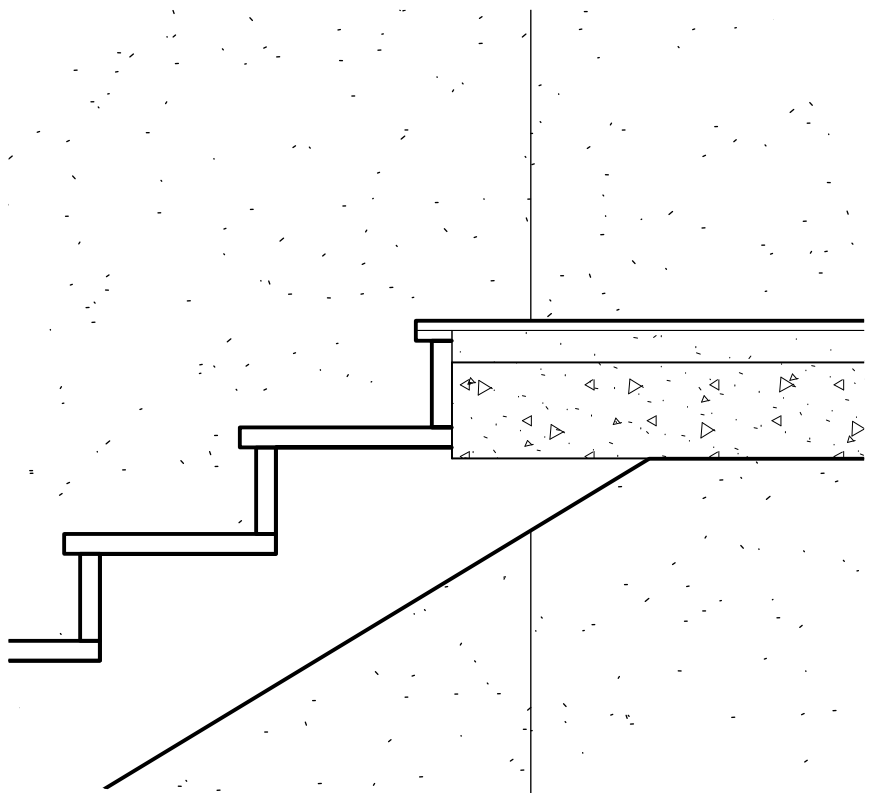
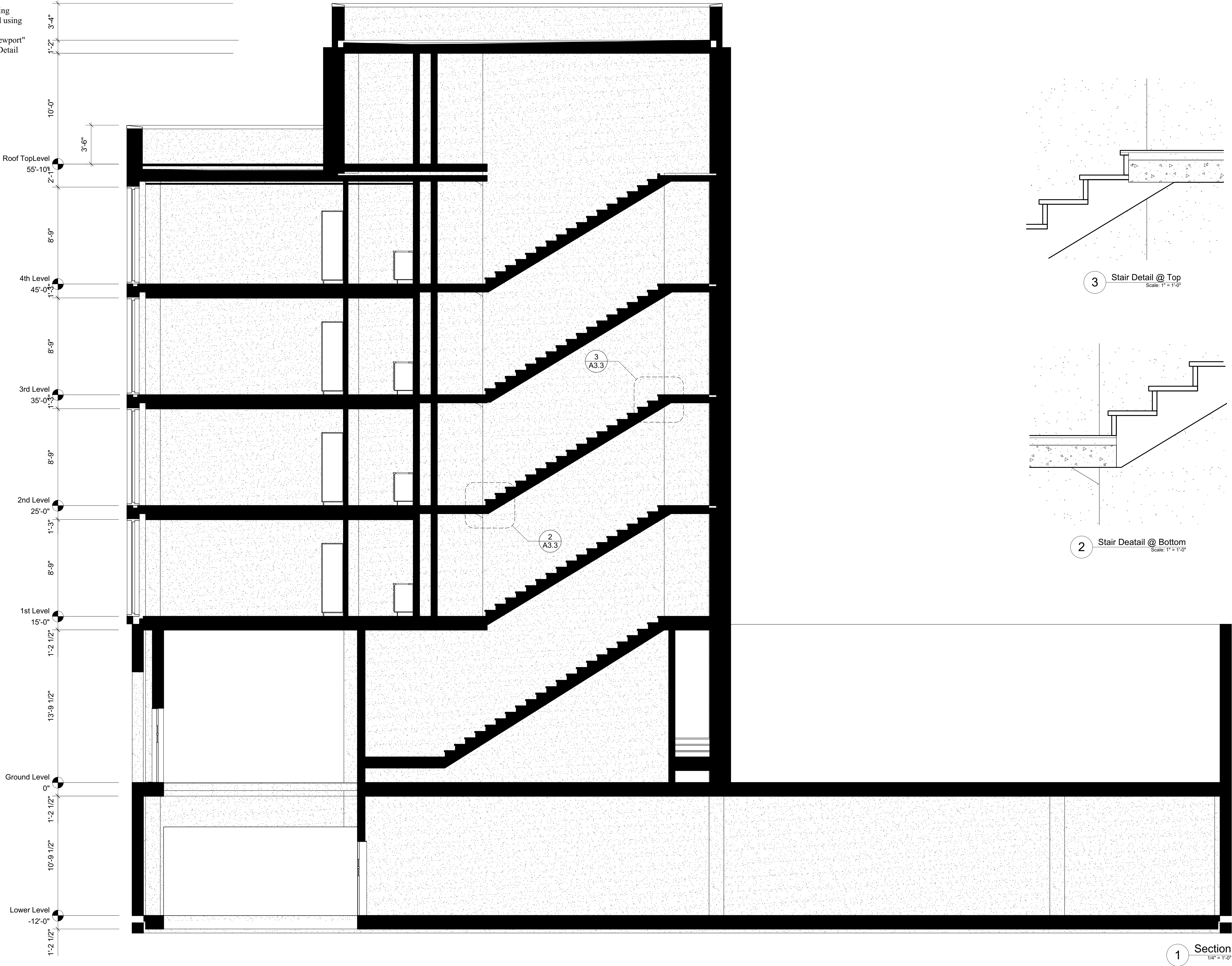
SECTIONS

Sheet No.

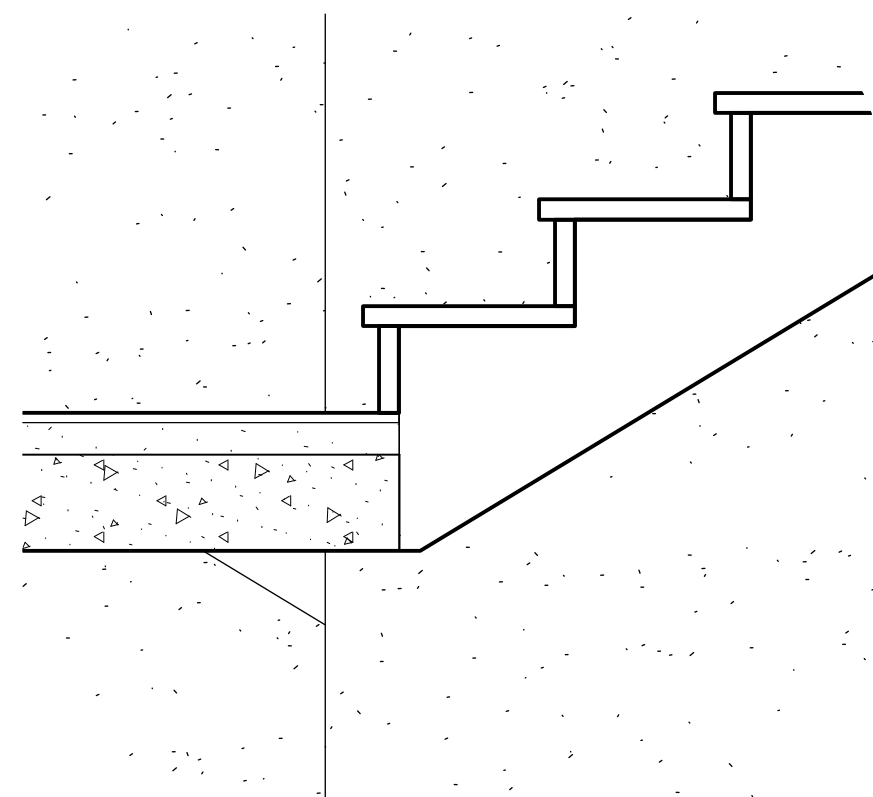
A3.2

1/17/19

Model-based building sections are created using either the "Create Section Viewport" command and the Detail Level set to Low.



3 Stair Detail @ Top
Scale: 1" = 1'-0"



2 Stair Deetail @ Bottom
Scale: 1" = 1'-0"



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Date

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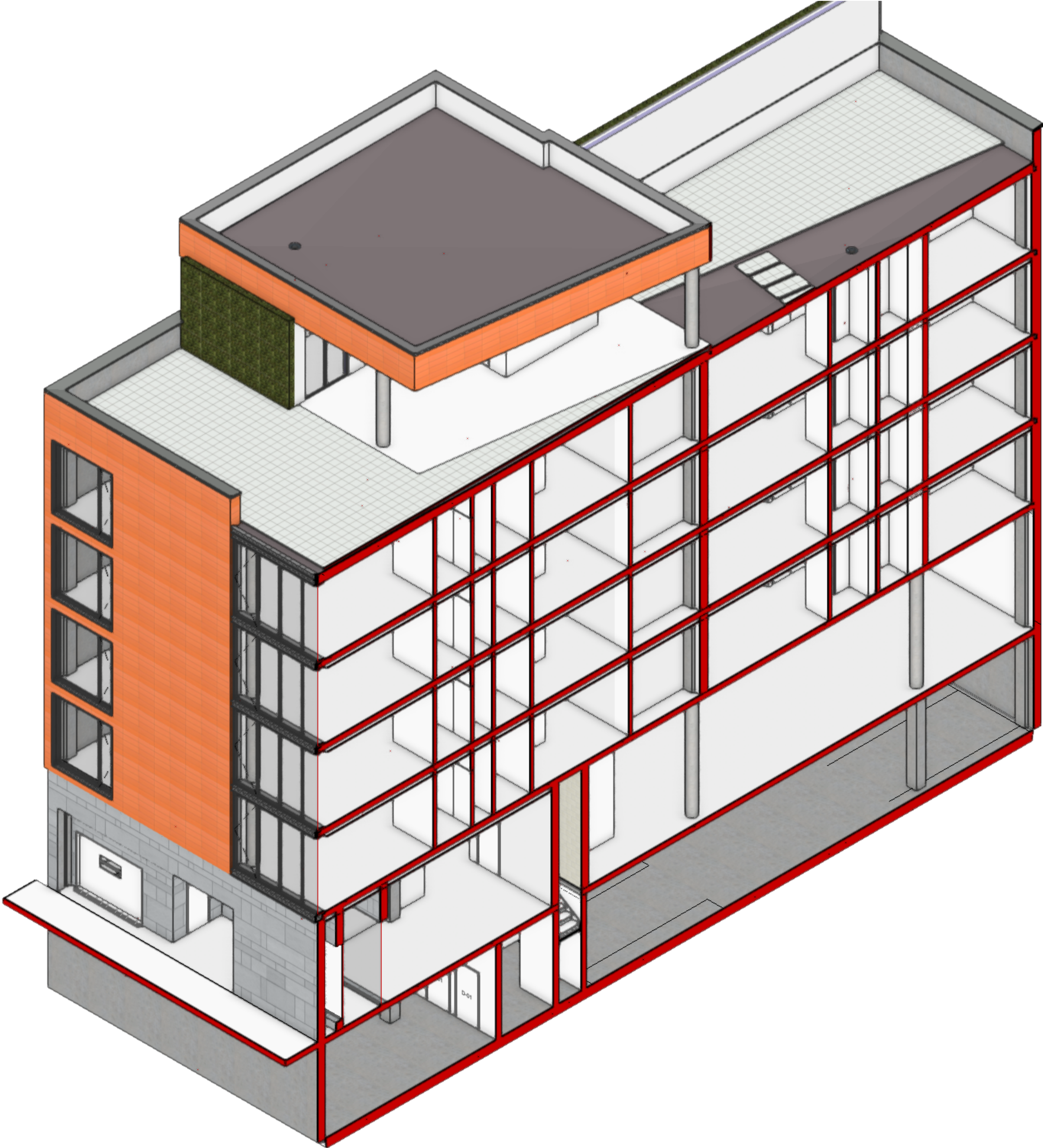
Preliminary

SECTIONS

Sheet No.

A3.3

This Isometric Section was created using the Clip Cube > Create Section Viewport sequence.



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CLIPCUBE ISO

Sheet No.

A3.5

Door Schedule Typical Floor													
DOOR NO.	DOOR								FRAME			HDW SET	REMARKS
	TYPE	WIDTH	SINGLE/P AIR	HEIGHT	THICK	MAT'L	FINISH	RATING	TYPE	MAT'L/FIN	DETAIL		
01		2'10"	Swing Simple	6'10"	1 3/4"	Steel	Paint	1 hr				DHW-1	
02		2'10"	Swing Simple	6'10"	1 3/4"	Steel	Paint	1 hr				DHW-#	
03		5'0"	Swing Bi-part	6'8"	1 1/2"	Solid Wood	Natural	-	-	-		DHW-#	-
04		2'4"	Swing Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
05		5'0"	Swing Bi-part	6'8"	1 1/2"	Solid Wood	Natural	-	-	-		DHW-#	-
06		4'6"	Double Acting	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
07		2'8"	Pocket Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
08		5'6"	Pocket Simple	6'8"	3/4"	Glass	Translucent	-	-	-		DHW-#	-
09		2'8"	Swing Simple	6'8"	3/8"	Glass	Transparent	-	-	-		DHW-#	-
10		2'8"	Swing Simple	6'8"	3/8"	Glass	Transparent	-	-	-		DHW-#	-
11		4'6"	Pocket Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
12		5'0"	Swing Bi-part	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
13		4'6"	Swing Bi-part	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
14		2'6"	Pocket Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
15		2'6"	Swing Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
16		2'0"	Swing Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
17		3'0"	Pocket Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
18		4'0"	Swing Simple	6'8"	3/4"	Glass	Translucent	-	-	-		DHW-#	-
19		2'6"	Swing Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
20		5'0"	Swing Bi-part	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
21		3'2"	Pocket Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
22		5'6"	Swing Simple	6'8"	3/4"	Glass	Translucent	-	-	-		DHW-#	-
23		4'6"	Swing Bi-part	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
24		2'8"	Pocket Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
25		4'6"	Swing Simple	6'8"	3/4"	Glass	Translucent	-	-	-		DHW-#	-
26		3'0"	Swing Simple	6'8"	1 1/2"	Wood	Natural	-	-	-		DHW-#	-
27		2'8"	Swing Simple	6'8"	3/8"	Glass	Transparent	-	-	-		DHW-#	-
28		2'8"	Swing Simple	6'8"	3/8"	Glass	Transparent	-	-	-		DHW-#	-

Window Schedule																
		Nominal Size			Glass	Frame Details				Openings				Window Data		
		O.A. Width	O.A. Height			Head Detail	Jamb Detail	Sill Detail		RO Width	RO Height	Mas O Width	Mas O Height			
Mark	Qty			Sash Operation										Mfr	Model No.	Accessories
1	4	51'10"	9'0"	Custom						51'10"	9'0"	51'10"	9'0"			
4	4	24'7"	9'0"	Custom						24'7"	9'0"	24'7"	9'0"			
4	3	32'4"	6'6"	Custom						32'4"	6'6"	32'4"	6'6"			
4	1	32'4"	8'6"	Custom						32'4"	8'6"	32'4"	8'6"			
5	4	8'0"	8'6"	Custom						8'0"	8'6"	8'0"	8'6"			
6	5	10'0"	6'2"	Custom						10'0"	6'2"	10'0"	6'2"			
7	1	10'0"	10'0"	Fixed Glass						10'0"	10'0"	10'0"	10'0"			
7	4	15'1 1/2"	2'6"	Custom						15'1 1/2"	2'6"	15'1 1/2"	2'6"			
7	1	10'0"	9'0"	Fixed Glass						10'0"	9'0"	10'0"	9'0"			
9	2	3'0"	9'0"	Fixed Glass - No Sash						3'0"	9'0"	3'4"	9'4"			



2019 DEMO

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Project Title

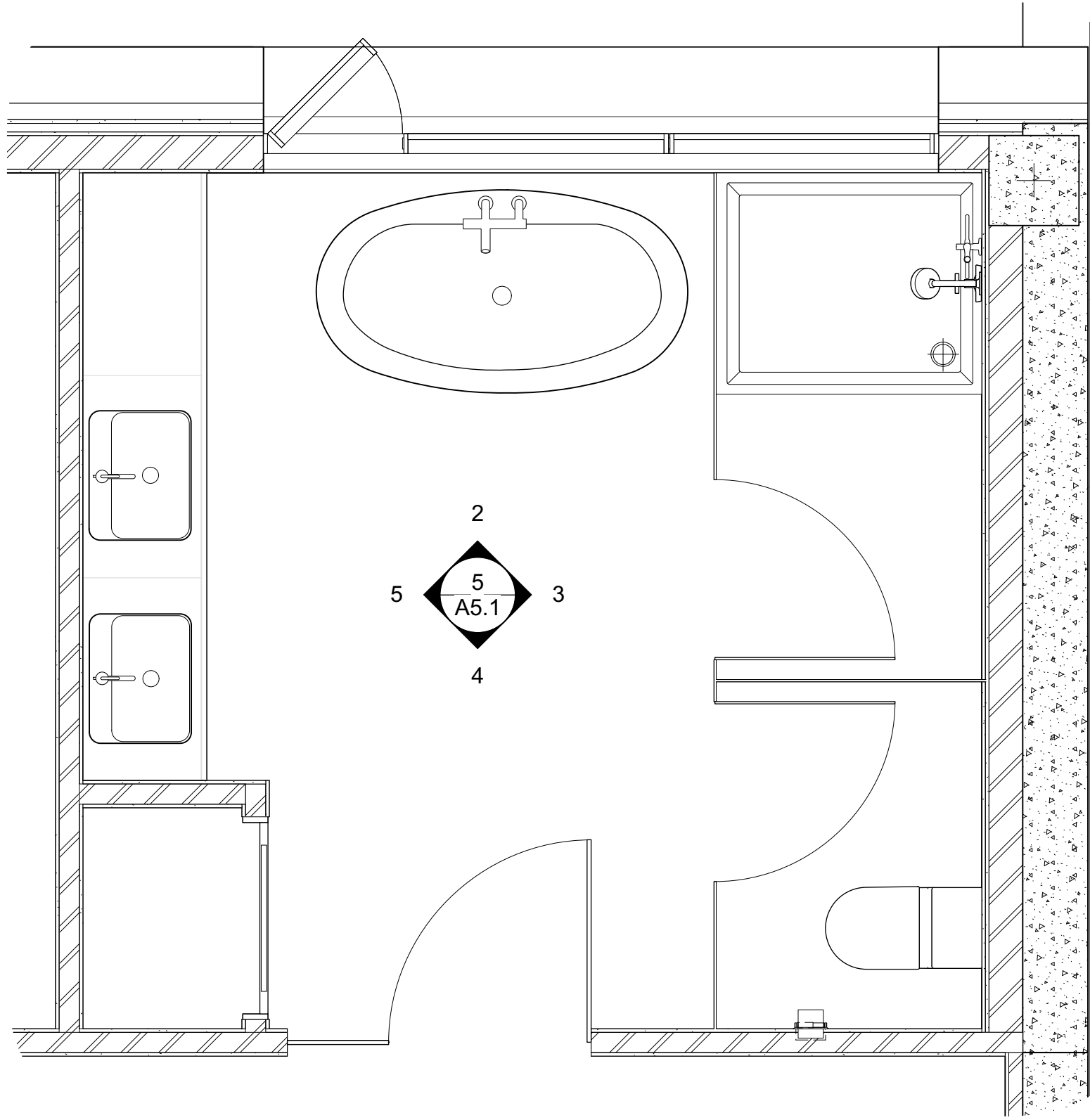
Architect

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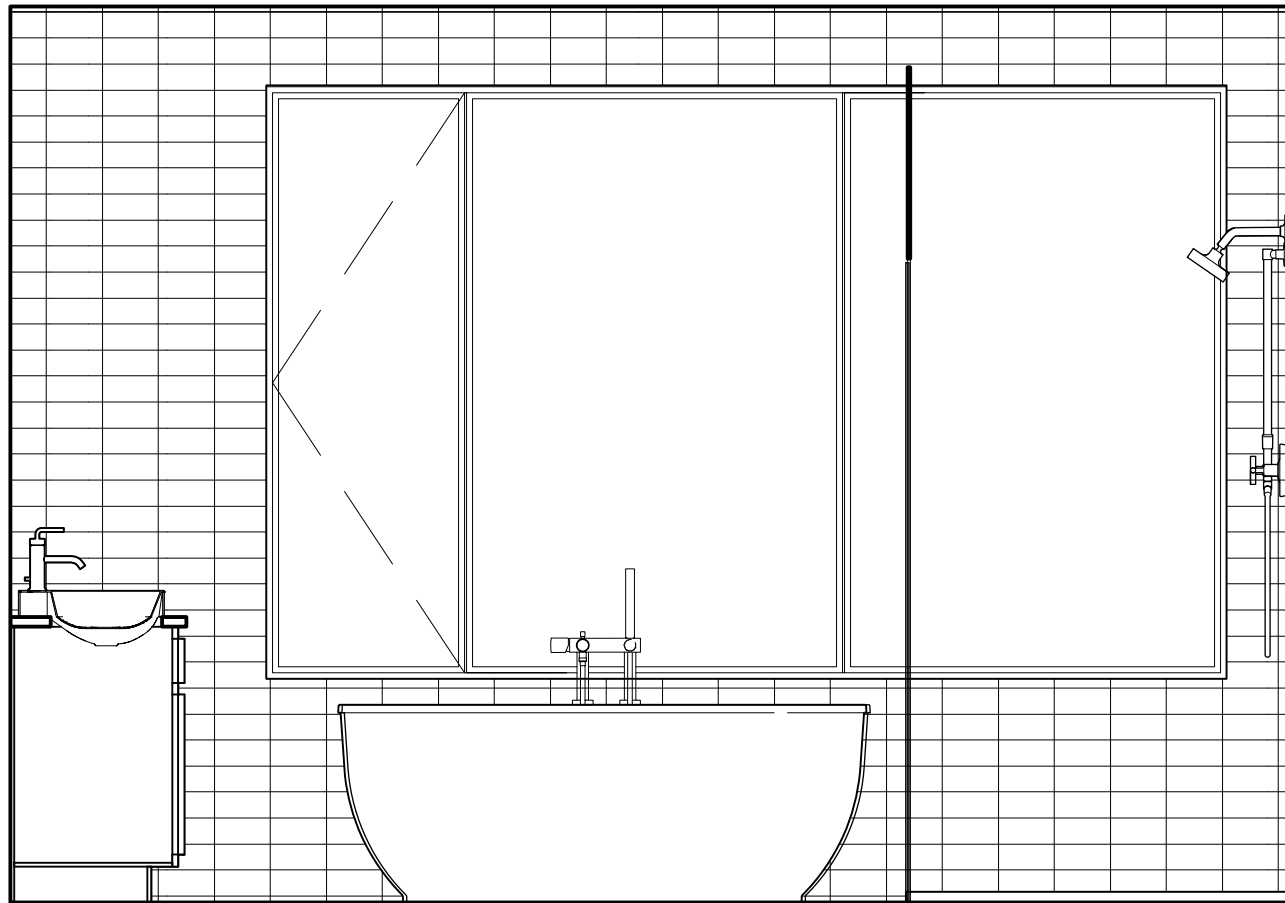
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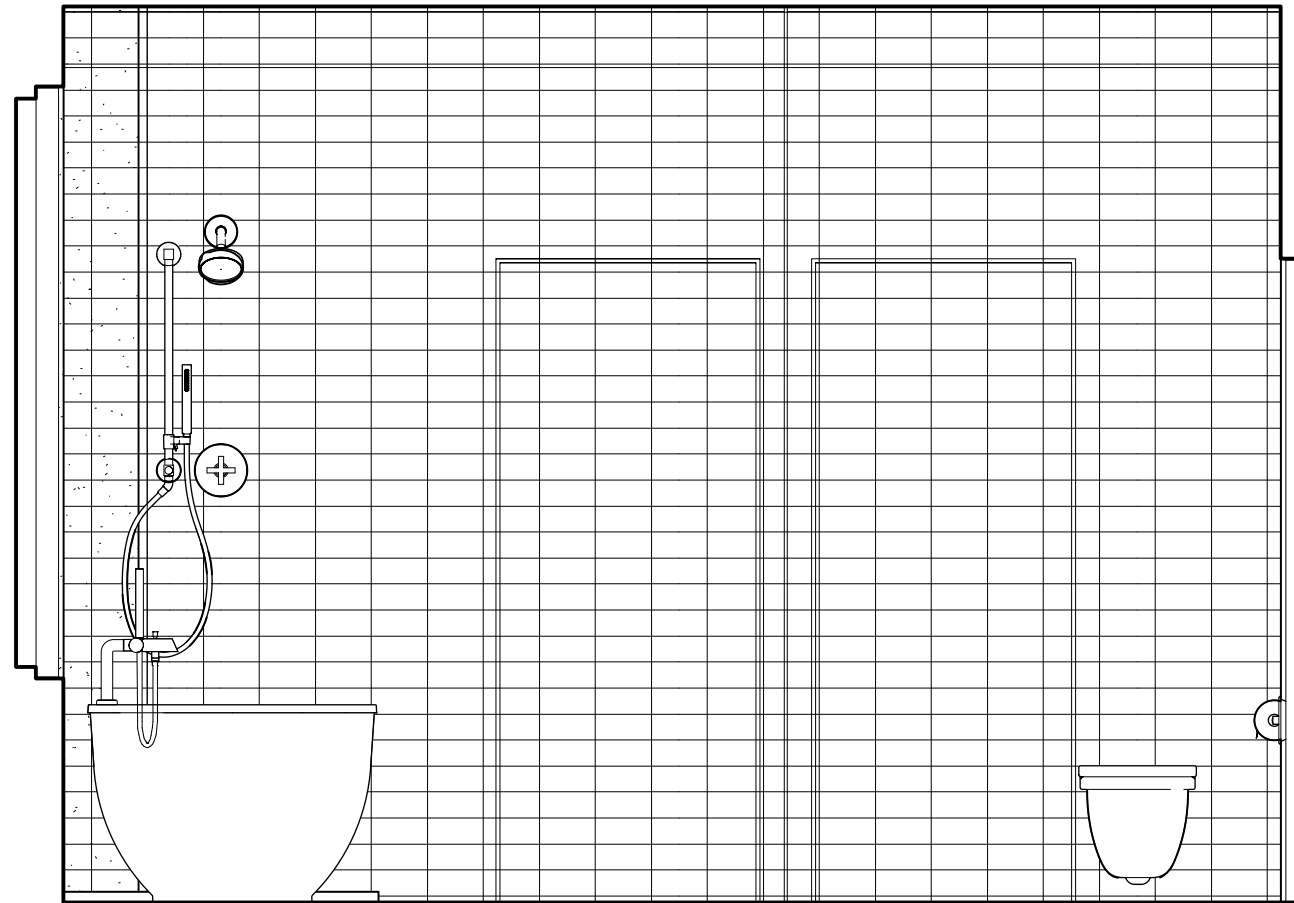
Interior elevation are created using the "Create Interior Elevations" command. The command places a coordinated marker on the plan.



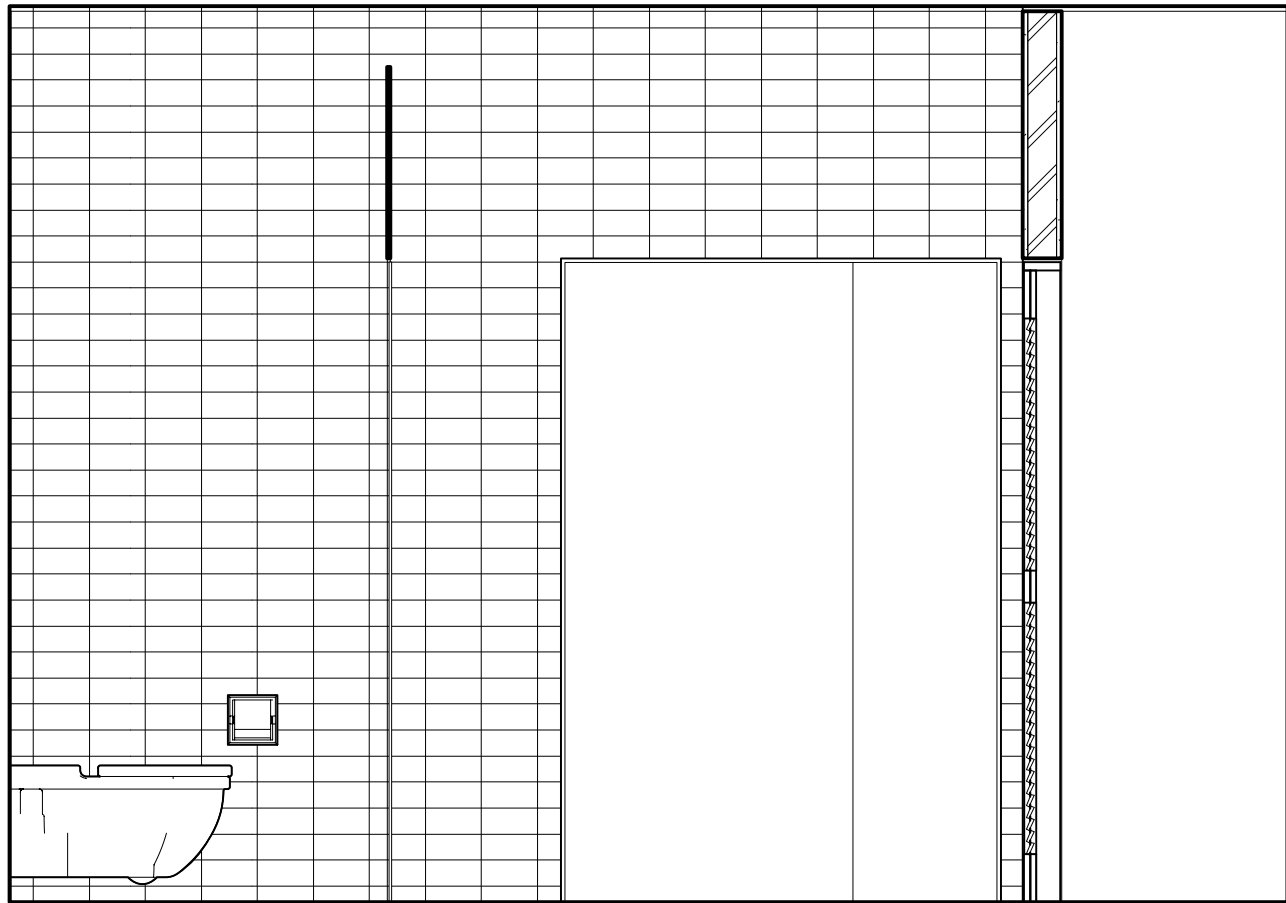
1 Unit 01 Master Bathroom
Scale: 1/2" = 1'-0"



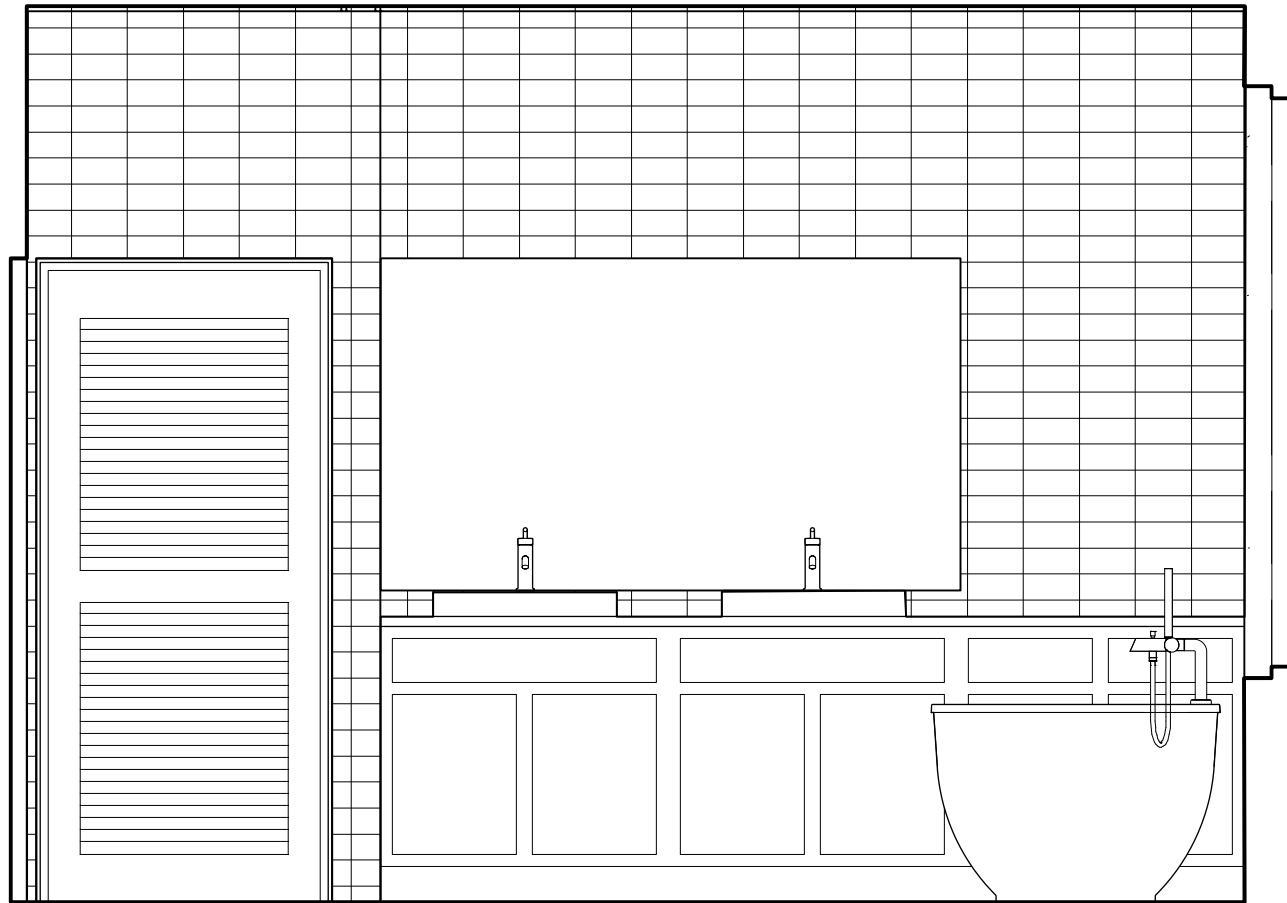
2 Interior Elevations
Scale: 1/2" = 1'-0"



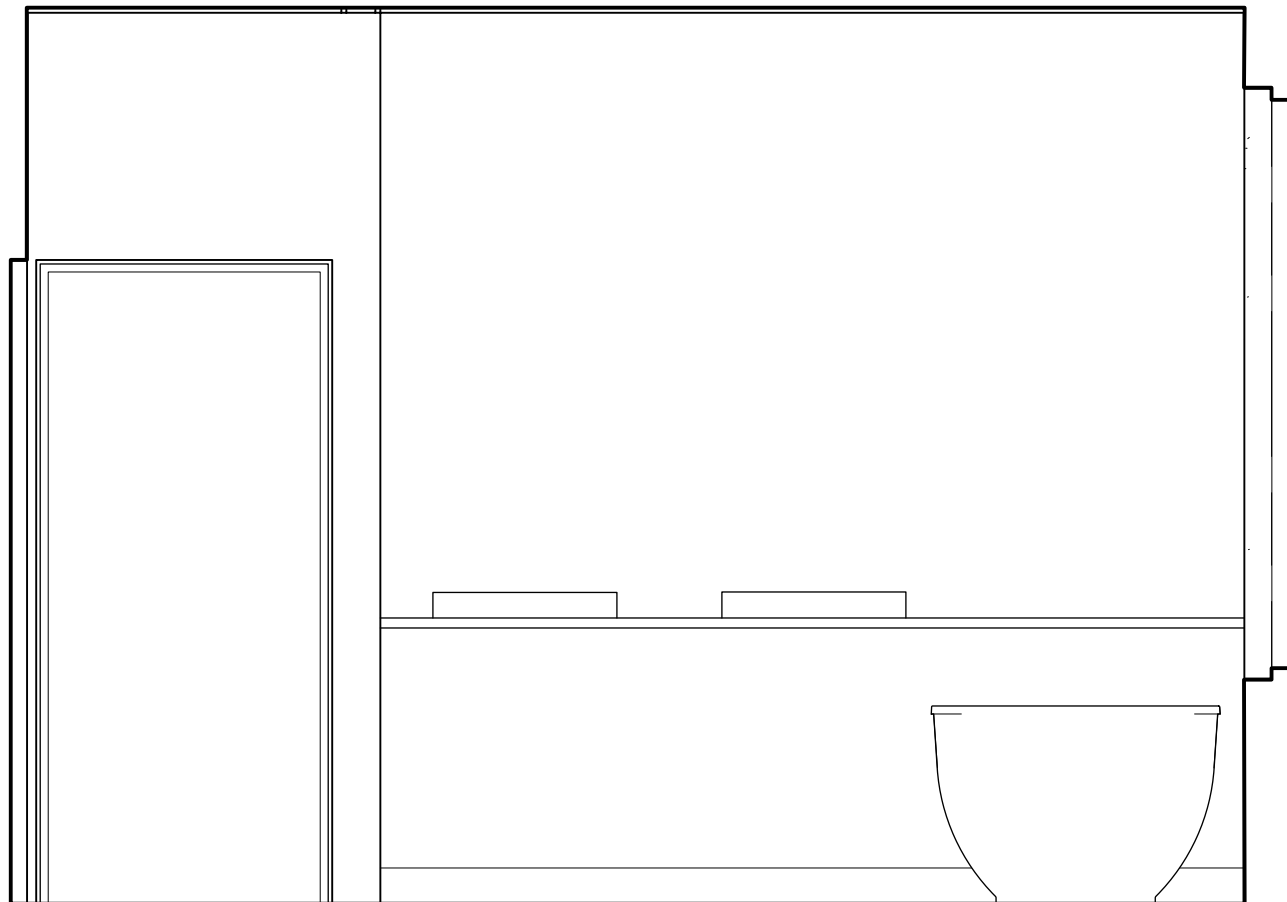
3 Interior Elevations
Scale: 1/2" = 1'-0"



4 Interior Elevations
Scale: 1/2" = 1'-0"



5 Interior Elevations (HIGH DETAIL LEVEL)
Scale: 1/2" = 1'-0"



6 Interior Elevations (LOW DETAIL LEVEL)
Scale: 1/2" = 1'-0"



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DETAILS

Sheet No.

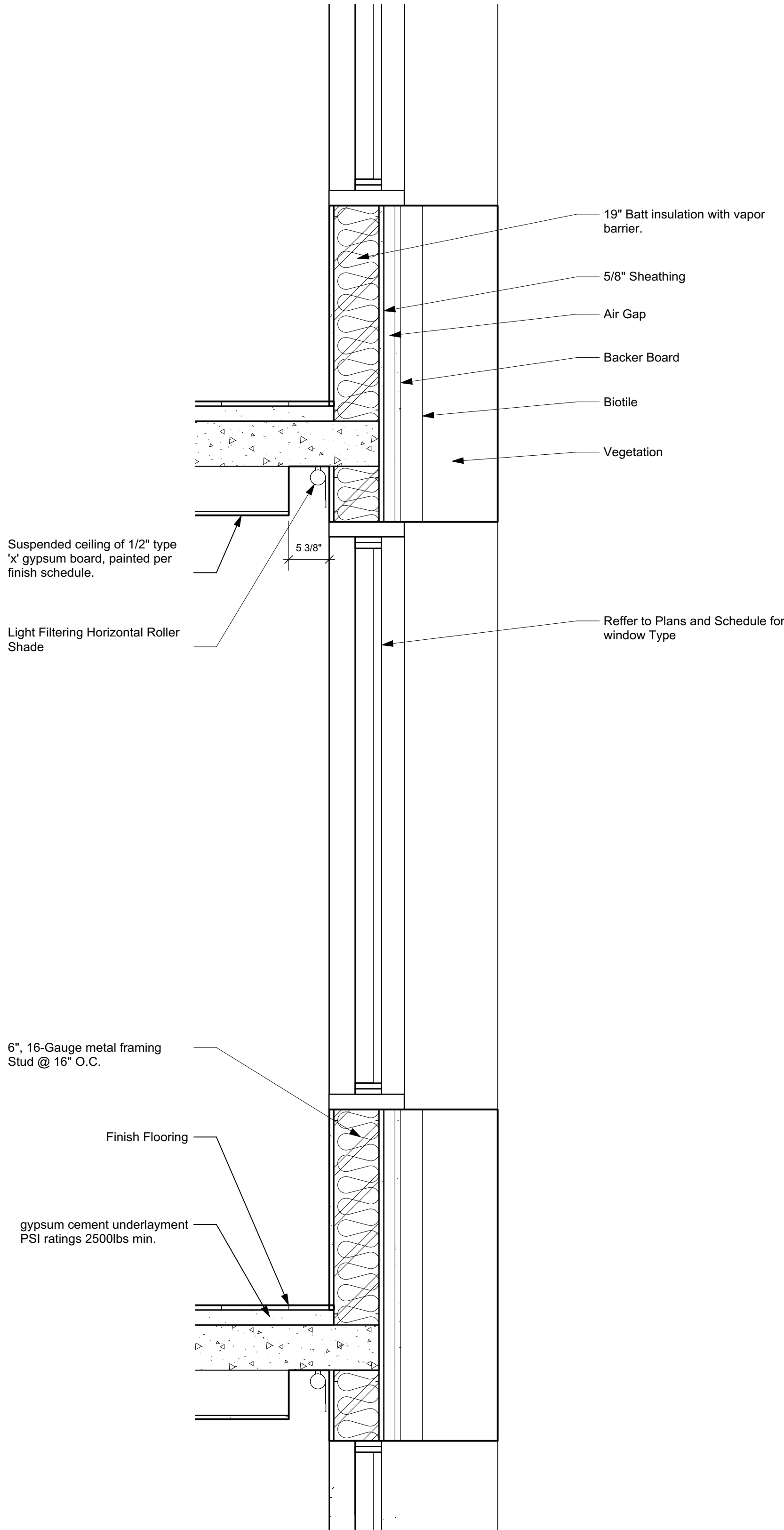
A5.1

This sheet is representative of how details are drawn in 2D and placed via a viewport on a sheet.



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1 Ext. Wall Det
Scale: 1" = 1'-0"

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DETAILS

Sheet No.

A5.2