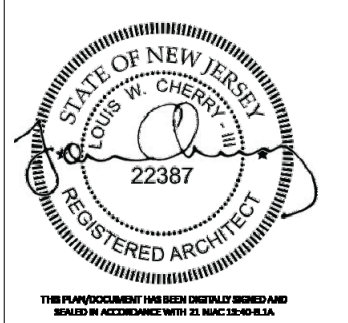


| BUILDING AREA (GSF) | |
|--|----------|
| *CALCULATED TO OUTSIDE OF EXTERIOR WALLS | |
| 00 - BASEMENT | 3635 SF |
| 01 - FIRST FLOOR | 11896 SF |
| 02 - SECOND FLOOR | 3765 SF |
| | 19295 SF |

- BUILDING HEIGHT ANALYSIS**
REFER TO DRAWING EX-02: EXISTING & PROPOSED GRADE PLAN ANALYSIS
- 1) AVERAGE EXISTING GRADE = 355.11' OR 355-1 1/4"
 - 2) AVG. EXISTING GRADE PLANE TO TOP OF HIGHEST ROOF: 30'-10 3/4"
 - 3) AVG. EXISTING GRADE PLANE TO HIGHEST POINT OF PARAPET WALLS: 37'-10 3/4"
 - 4) AREA OF PARAPET WALLS THAT EXCEEDS MAX ALLOWABLE BLDG HEIGHT: 43 SF
 - 5) HIGHEST POINT OF PARAPET ABOVE MAXIMUM ALLOWABLE HEIGHT: 2'-10 3/4"

| BUILDING AREA (GSF) | |
|--|----------|
| *CALCULATED TO OUTSIDE OF EXTERIOR WALLS | |
| 00 - BASEMENT | 3635 SF |
| 01 - FIRST FLOOR | 11896 SF |
| 02 - SECOND FLOOR | 3765 SF |
| | 19295 SF |

| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |

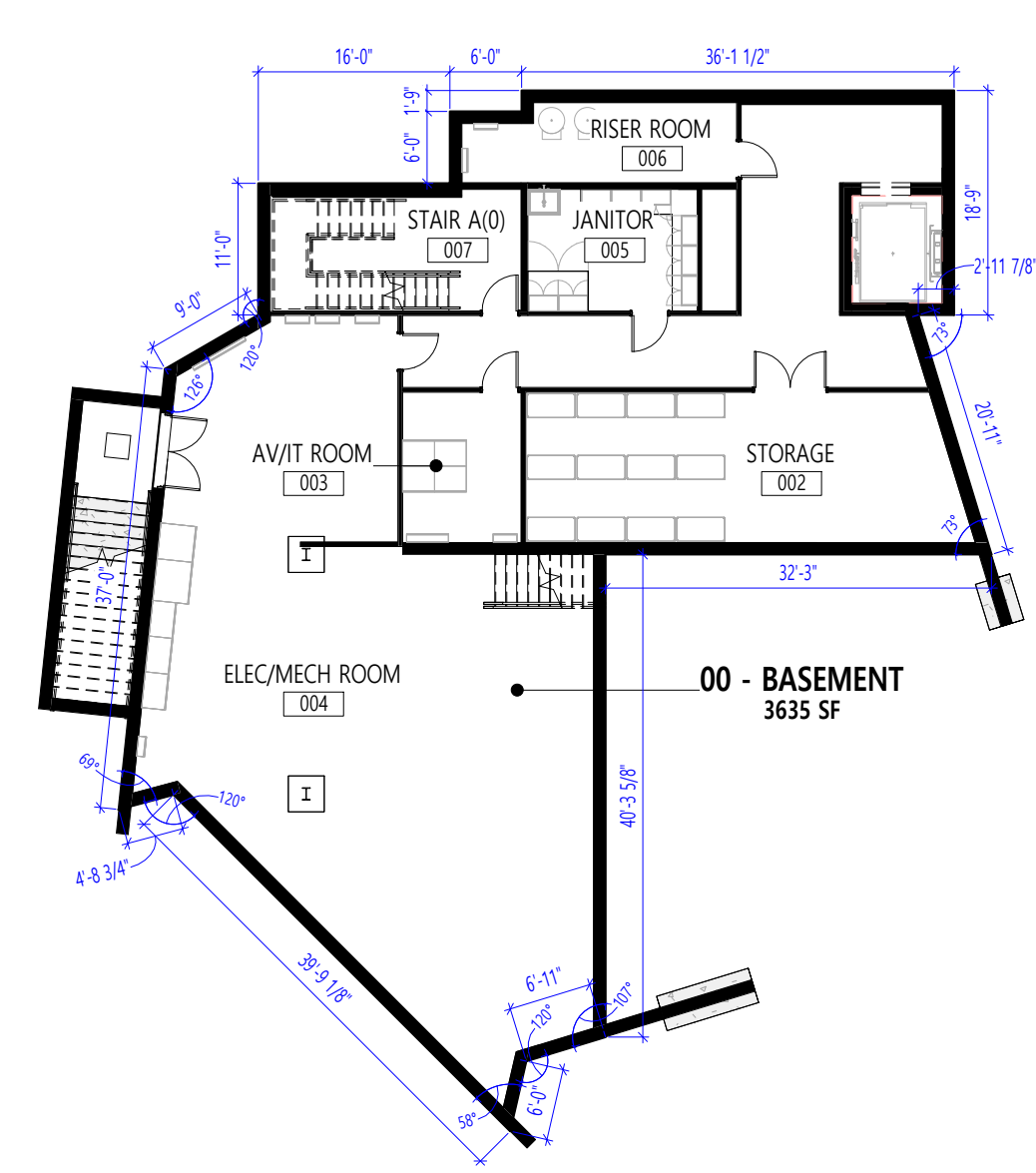


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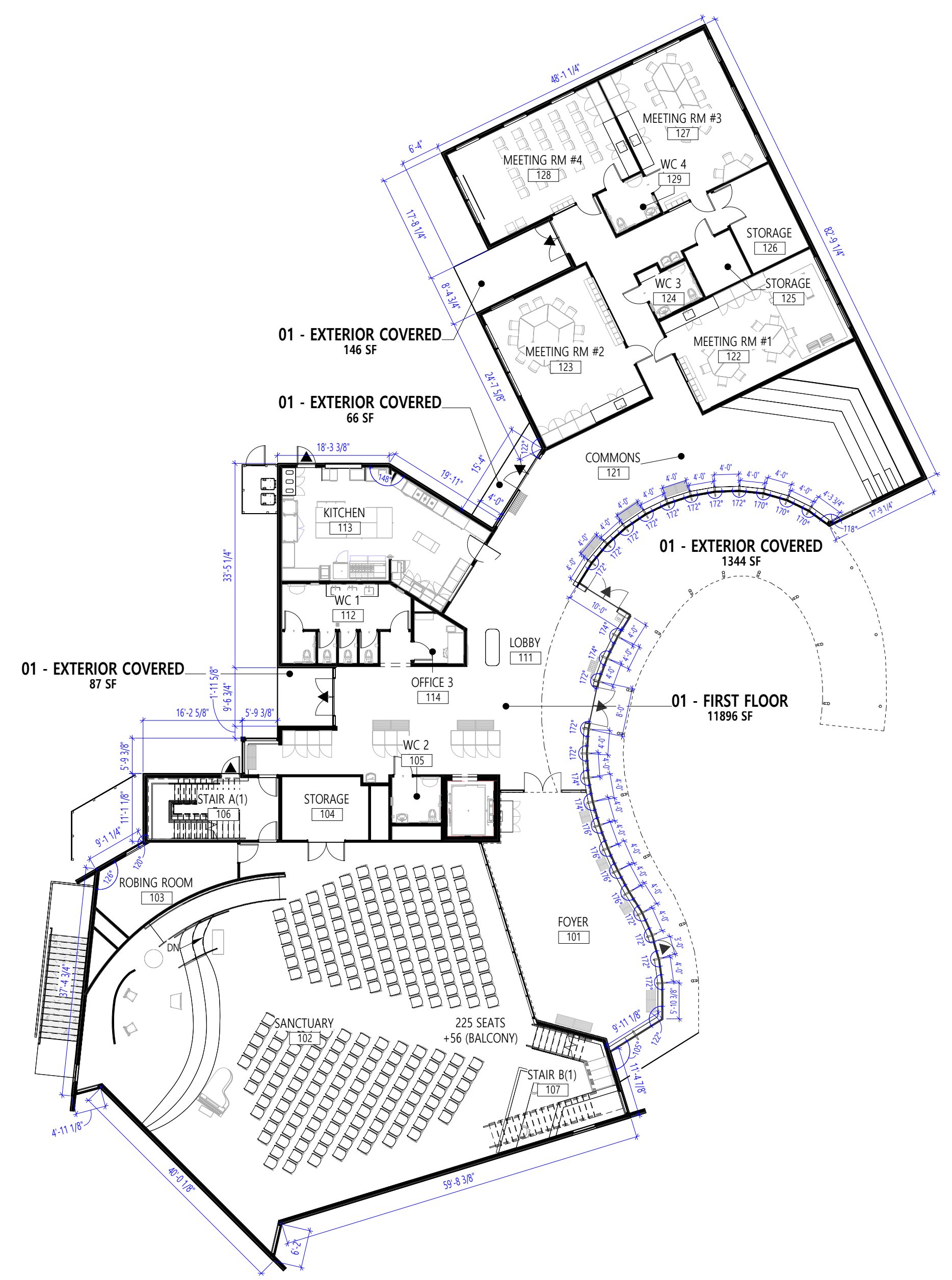
Project
BEACON UNITARIAN UNIVERSALIST CHURCH
SUMMIT NEW JERSEY

Drawing Title
FAR CALCS (SITE PLAN)

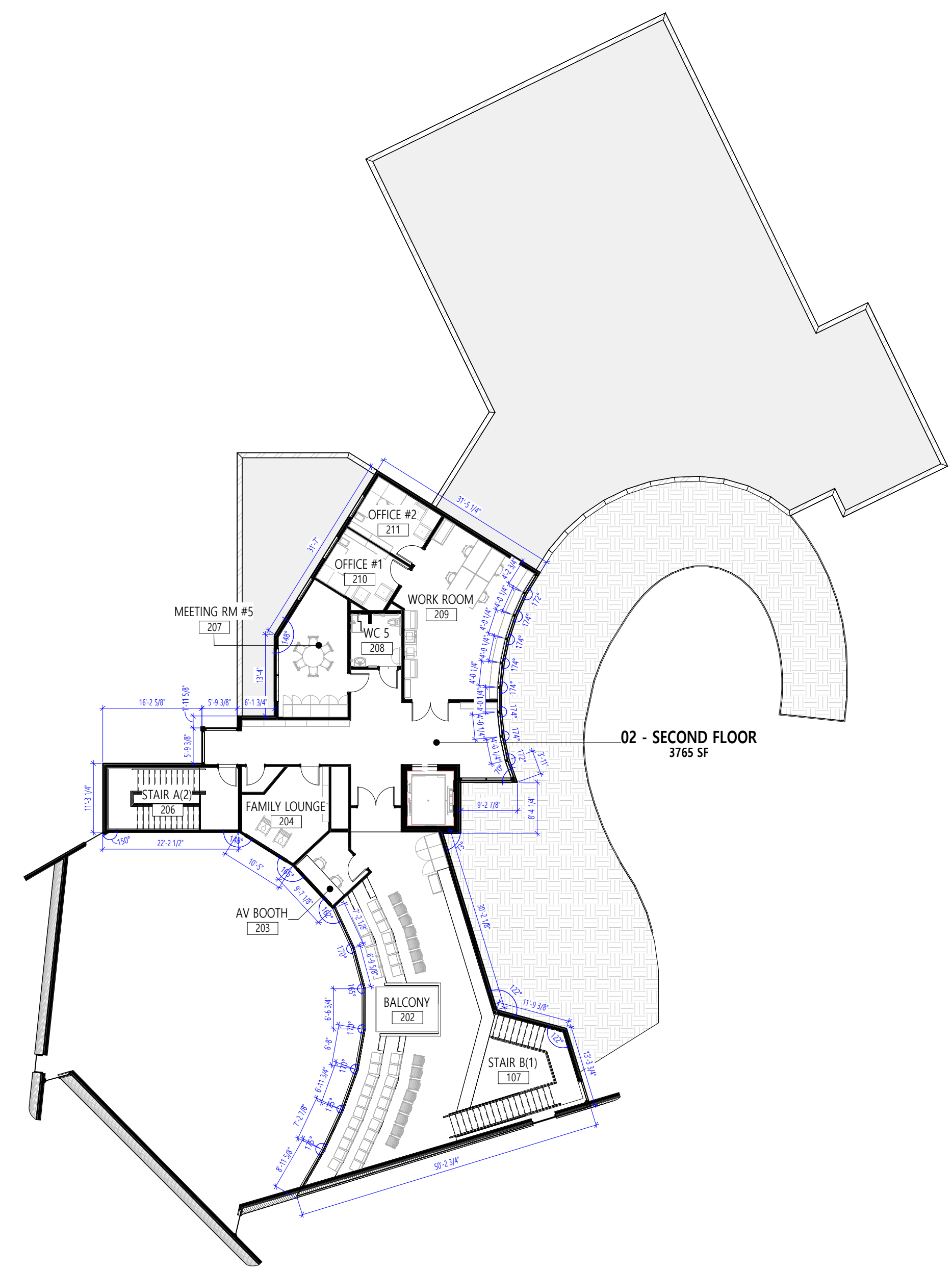
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|--------------------------|---------------|
| Project No. 101007201 | .A-100 |
| Date 07/18/24 | |
| Drawn By AC | |
| Checked By LC | |
| Sheet of 1 | |



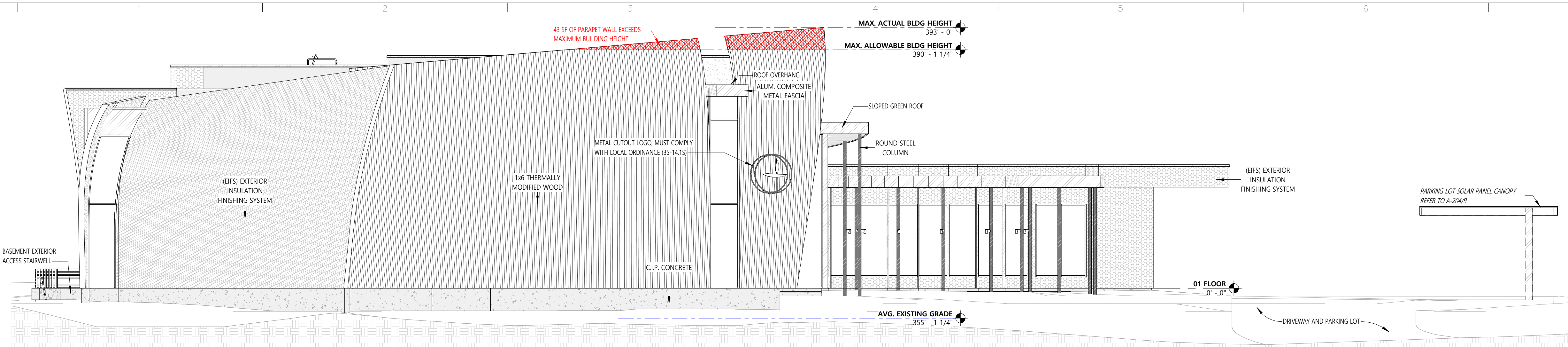
00 GSF - BASEMENT
1/16" = 1'-0"



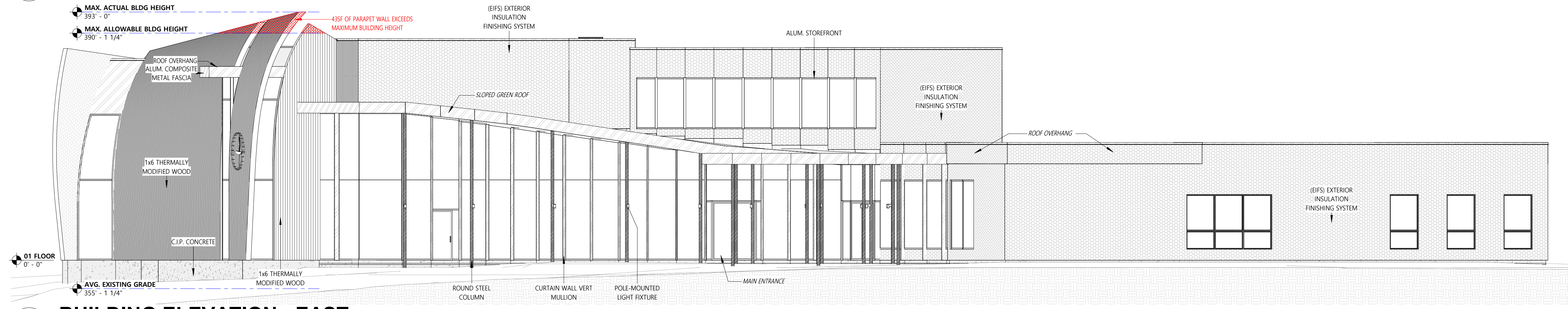
01 GSF - FIRST FLOOR
1/16" = 1'-0"



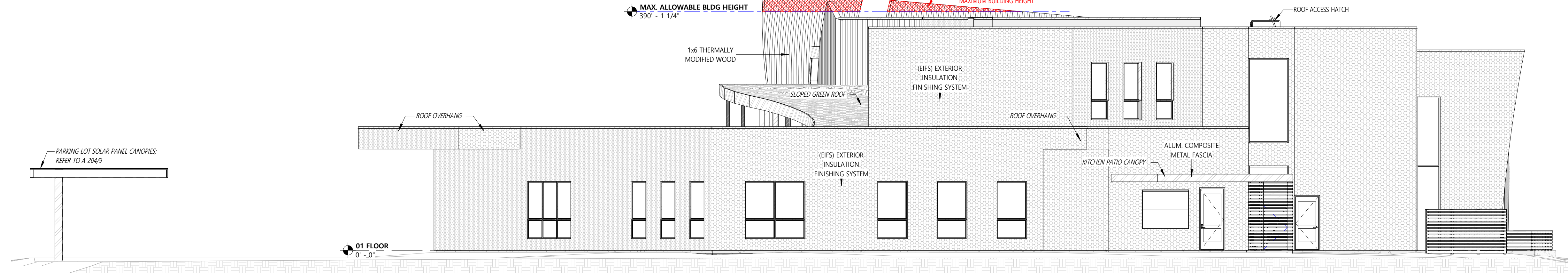
02 GSF - SECOND FLOOR
1/16" = 1'-0"



1 BUILDING ELEVATION - SOUTH
1/8" = 1'-0"



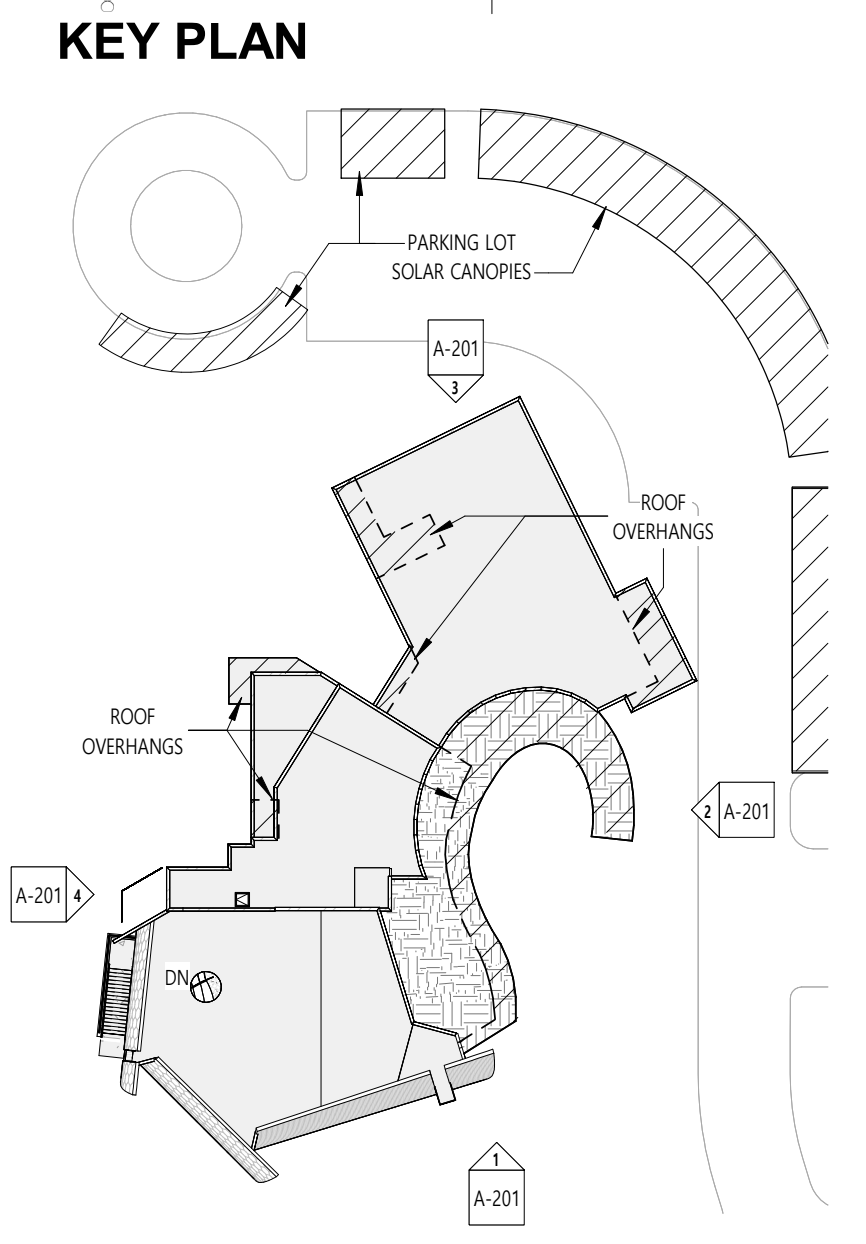
2 BUILDING ELEVATION - EAST
1/8" = 1'-0"



3 BUILDING ELEVATION - NORTH
1/8" = 1'-0"



4 BUILDING ELEVATION - WEST
1/8" = 1'-0"

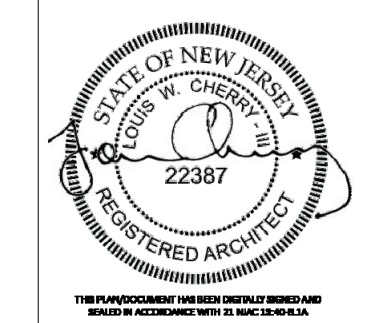


BUILDING HEIGHT ANALYSIS
REFER TO DRAWING EX-02: EXISTING & PROPOSED GRADE PLAN ANALYSIS

- 1) AVERAGE EXISTING GRADE = 355.11' OR 355-1 1/4"
- 2) AVG. EXISTING GRADE PLANE TO TOP OF HIGHEST ROOF: 30'-10 3/4"
- 3) AVG. EXISTING GRADE PLANE TO HIGHEST POINT OF PARAPET WALLS: 37'-10 3/4"
- 4) AREA OF PARAPET WALLS THAT EXCEEDS MAX ALLOWABLE BLDG HEIGHT: 43 SF
- 5) HIGHEST POINT OF PARAPET ABOVE MAXIMUM ALLOWABLE HEIGHT: 2'-10 3/4"

| BUILDING AREA (GSF) | |
|--|----------|
| *CALCULATED TO OUTSIDE OF EXTERIOR WALLS | |
| 00 - BASEMENT | 3635 SF |
| 01 - FIRST FLOOR | 11896 SF |
| 02 - SECOND FLOOR | 3765 SF |
| | 19295 SF |

| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |



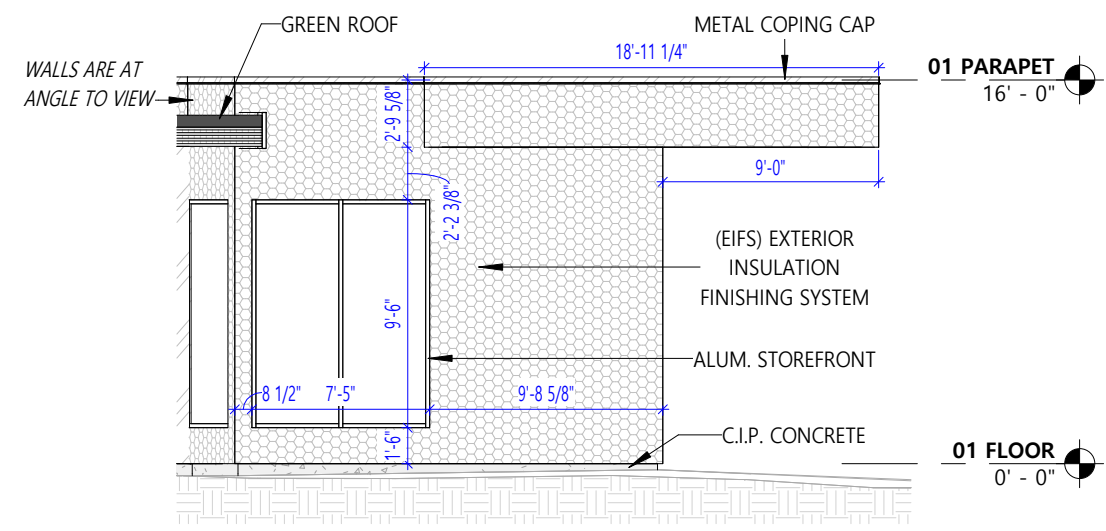
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Raleigh, NC 27601
T: 919.971.2299 www.louischerry.com

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BEACON UNITARIAN UNIVERSALIST CHURCH
SUMMIT NEW JERSEY

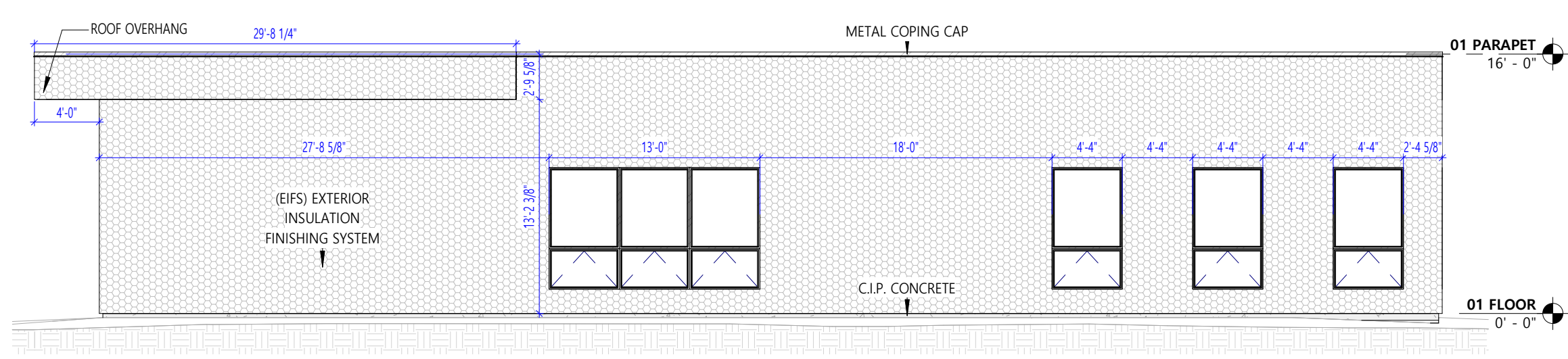
Drawing Title
EXT ELEVATIONS - BUILDING (SITE PLAN)

| | |
|--------------------------|---------------|
| Project No. 101007201 | .A-201 |
| Date 07/18/24 | |
| Drawn By AC | |
| Checked By LC | |
| Sheet of 1 | |

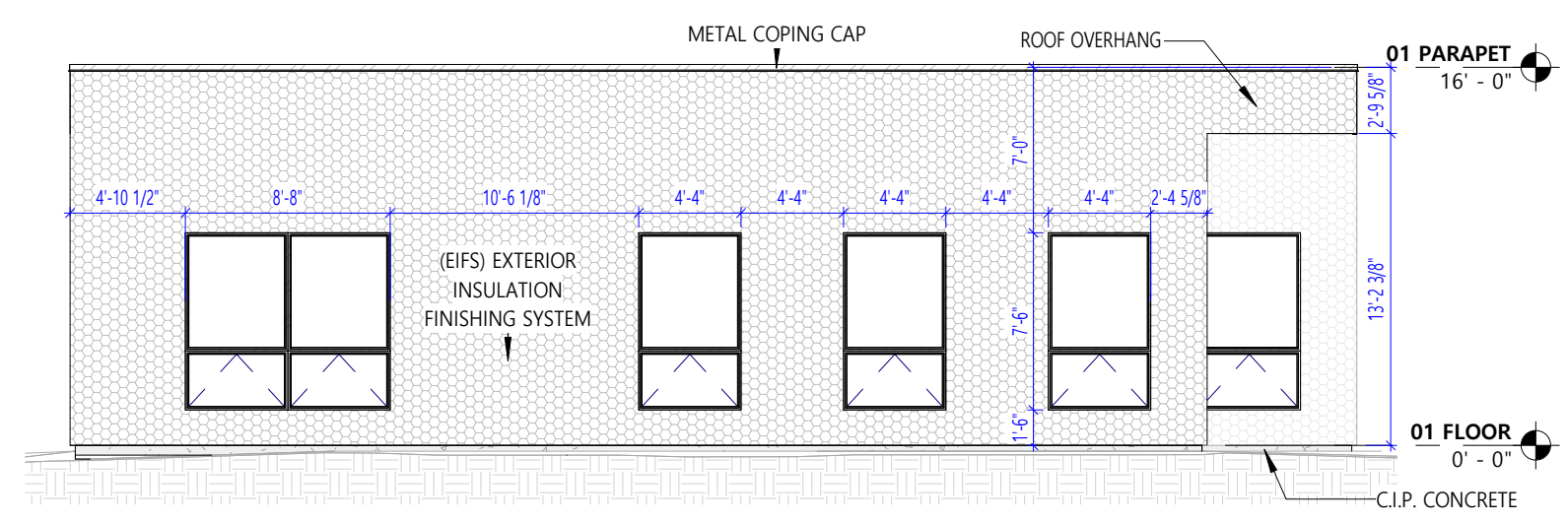
Project No. 101007201 © 2022 Langdon



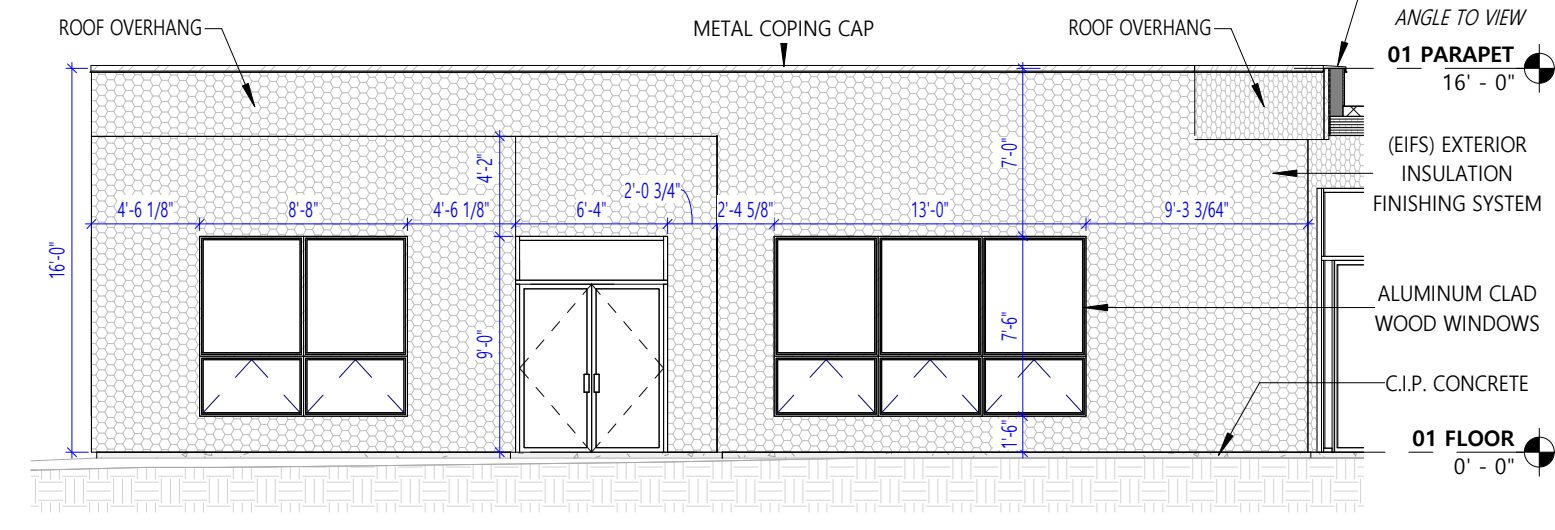
1 CLASSROOM - SE 1
A-202
1/8" = 1'-0"



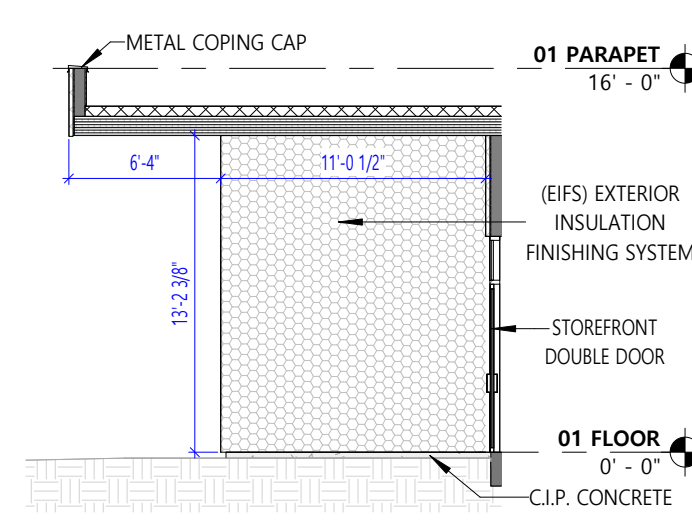
2 CLASSROOM - N
A-202
1/8" = 1'-0"



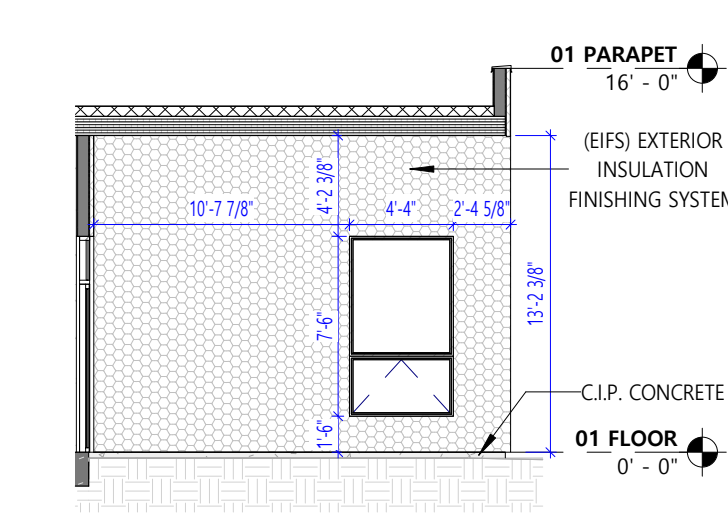
3 CLASSROOM - NW 1
A-202
1/8" = 1'-0"



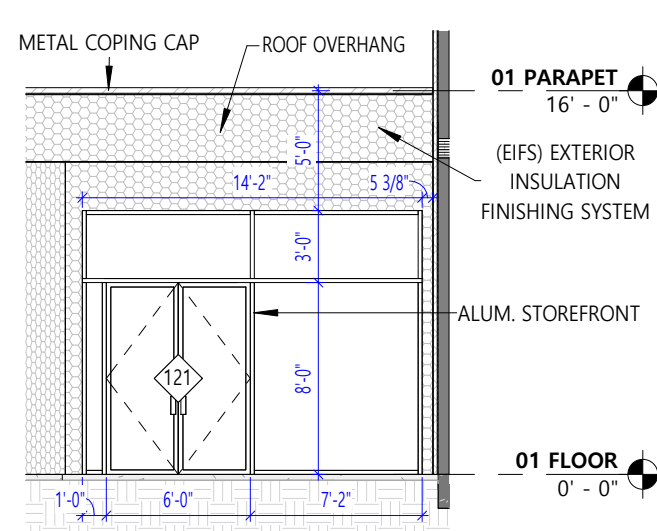
4 CLASSROOM - SW
A-202
1/8" = 1'-0"



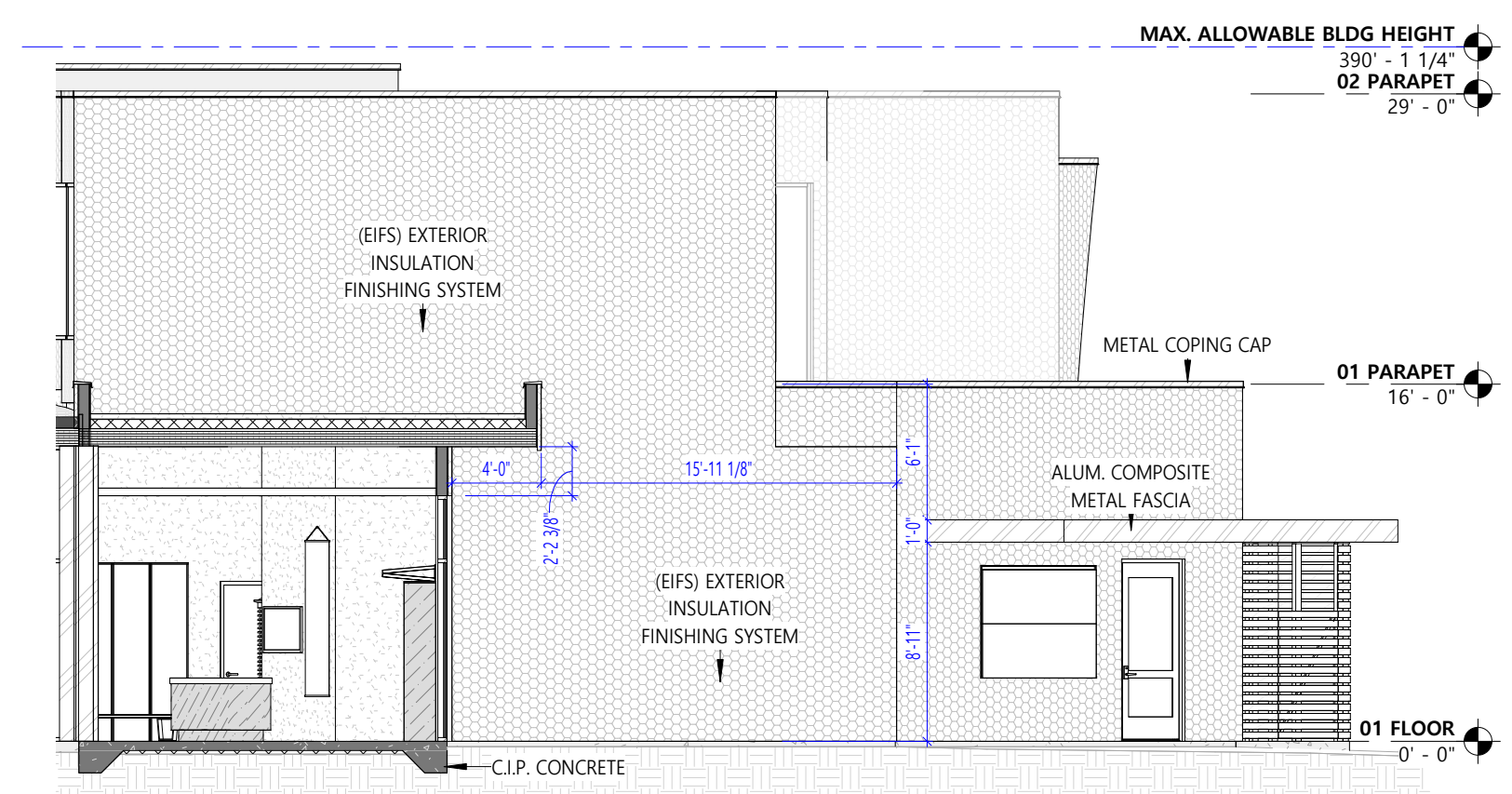
5 CLASSROOM - SE 2
A-202
1/8" = 1'-0"



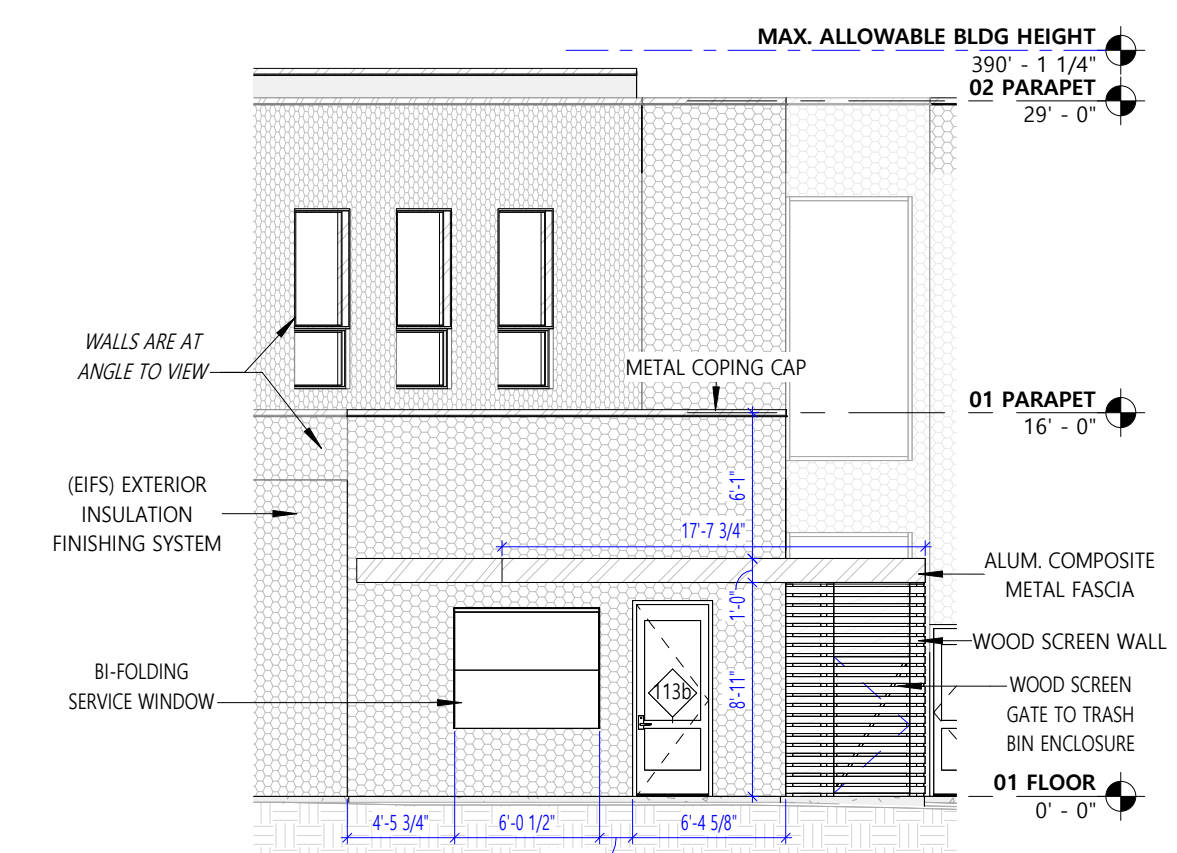
6 CLASSROOM - NW 2
A-202
1/8" = 1'-0"



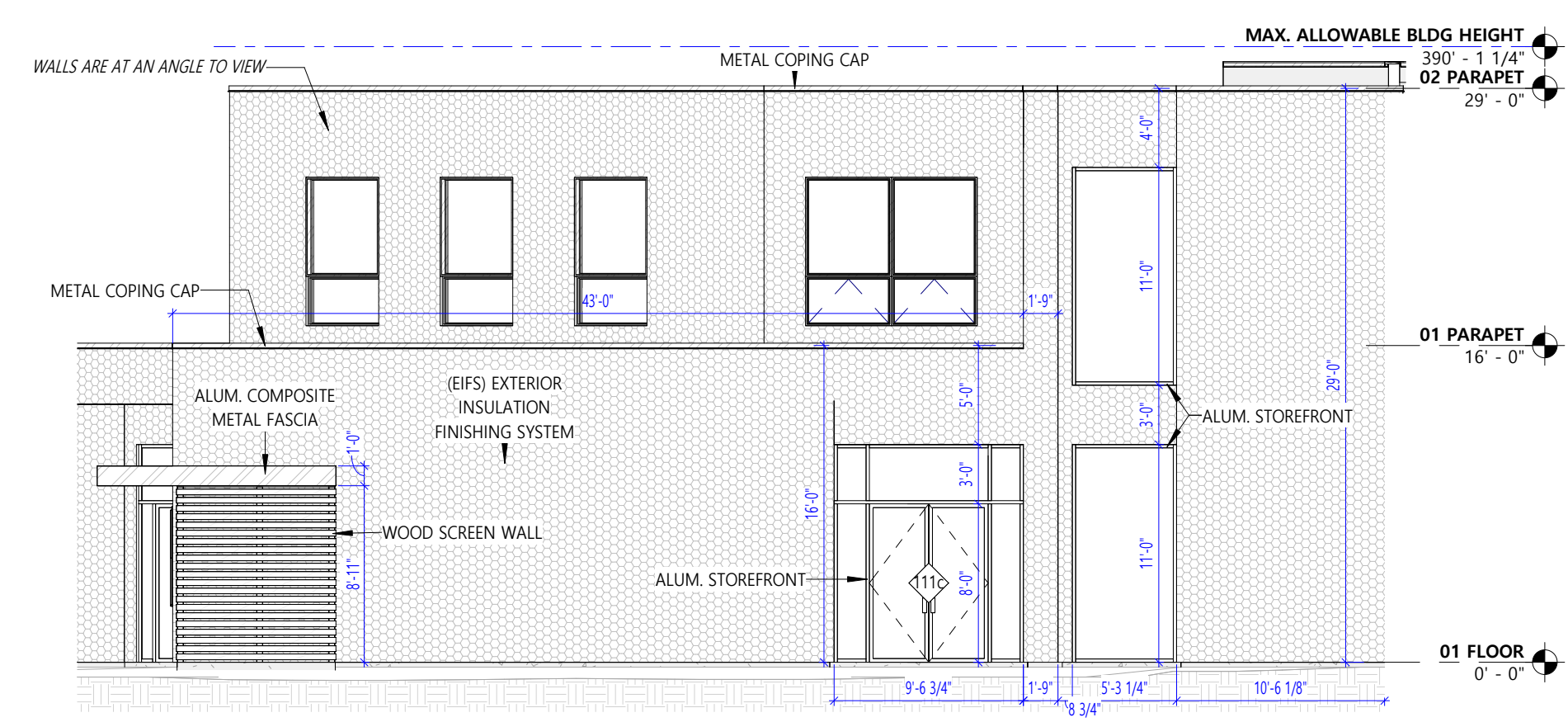
7 HALLWAY - NW 3
A-202
1/8" = 1'-0"



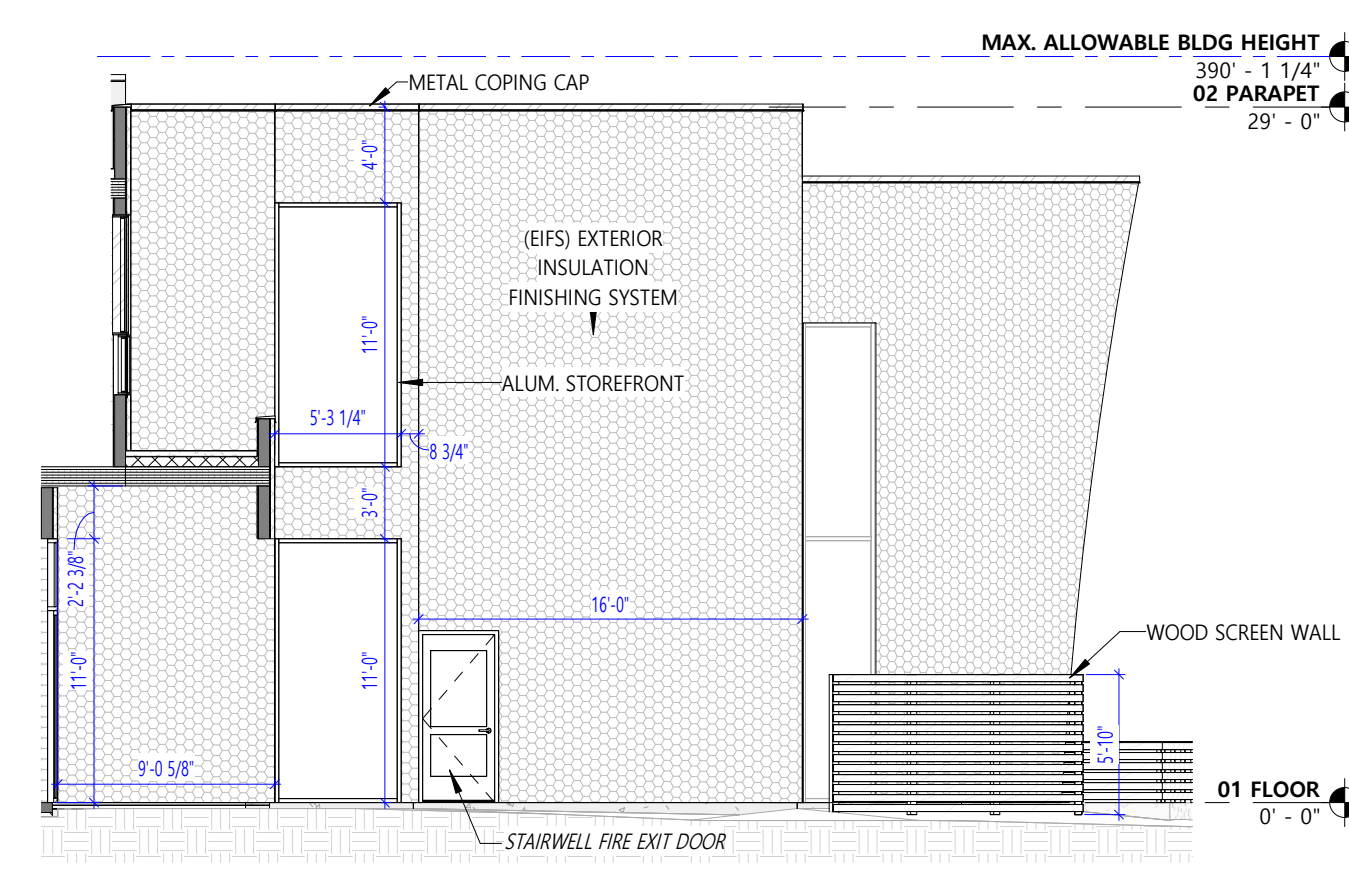
8 KITCHEN - NE
A-202
1/8" = 1'-0"



9 KITCHEN - NW
A-202
1/8" = 1'-0"



10 LOBBY - W
A-202
1/8" = 1'-0"



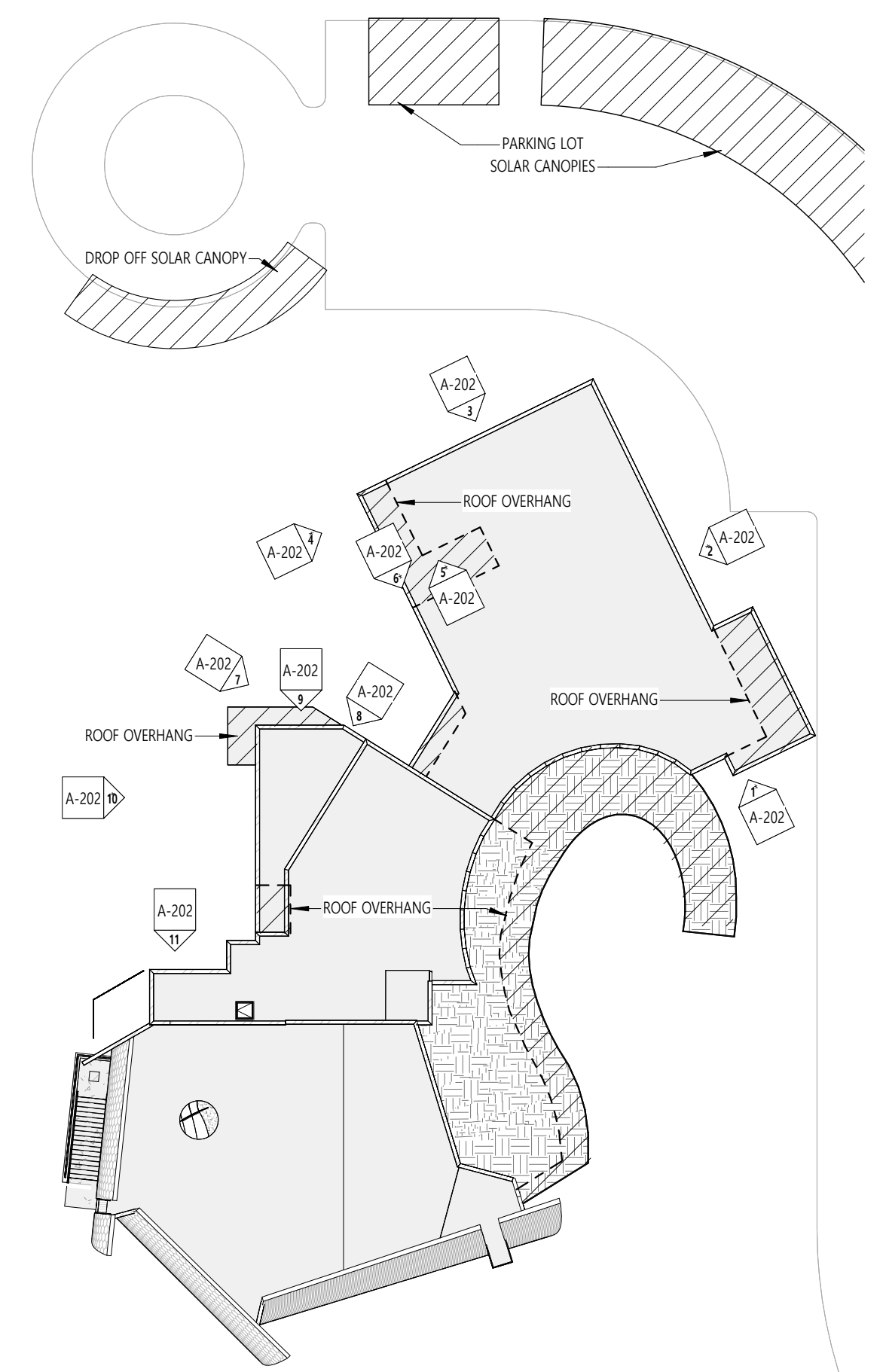
11 LOBBY - N
A-202
1/8" = 1'-0"

BUILDING HEIGHT ANALYSIS
- REFER TO DRAWING EX-02: EXISTING & PROPOSED GRADE PLAN ANALYSIS

- 1) AVERAGE EXISTING GRADE = 355.11' OR 355-1 1/4"
- 2) AVG. EXISTING GRADE PLANE TO TOP OF HIGHEST ROOF: 30'-10 3/4"
- 3) AVG. EXISTING GRADE PLANE TO HIGHEST POINT OF PARAPET WALLS: 37'-10 3/4"
- 4) AREA OF PARAPET WALLS THAT EXCEEDS MAX ALLOWABLE BLDG HEIGHT: 43 SF
- 5) HIGHEST POINT OF PARAPET ABOVE MAXIMUM ALLOWABLE HEIGHT: 2'-10 3/4"

| BUILDING AREA (GSF) | |
|--|----------|
| *CALCULATED TO OUTSIDE OF EXTERIOR WALLS | |
| 00 - BASEMENT | 3635 SF |
| 01 - FIRST FLOOR | 11896 SF |
| 02 - SECOND FLOOR | 3765 SF |
| | 19295 SF |

KEY PLAN - ELEVATIONS



| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |

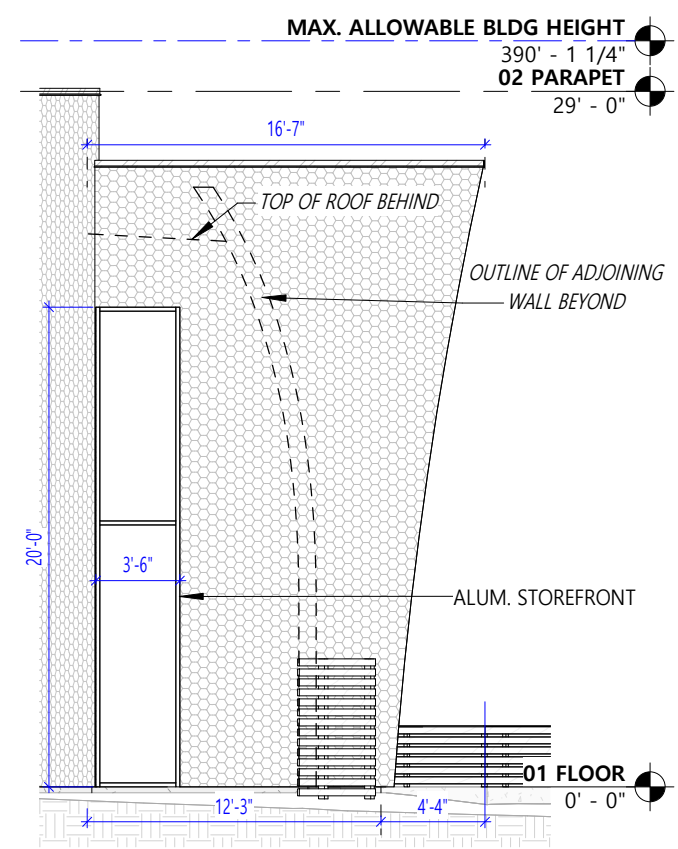
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T: 919.971.2299 www.louischerry.com

Project: **BEACON UNITARIAN UNIVERSALIST CHURCH**
SUMMIT NEW JERSEY

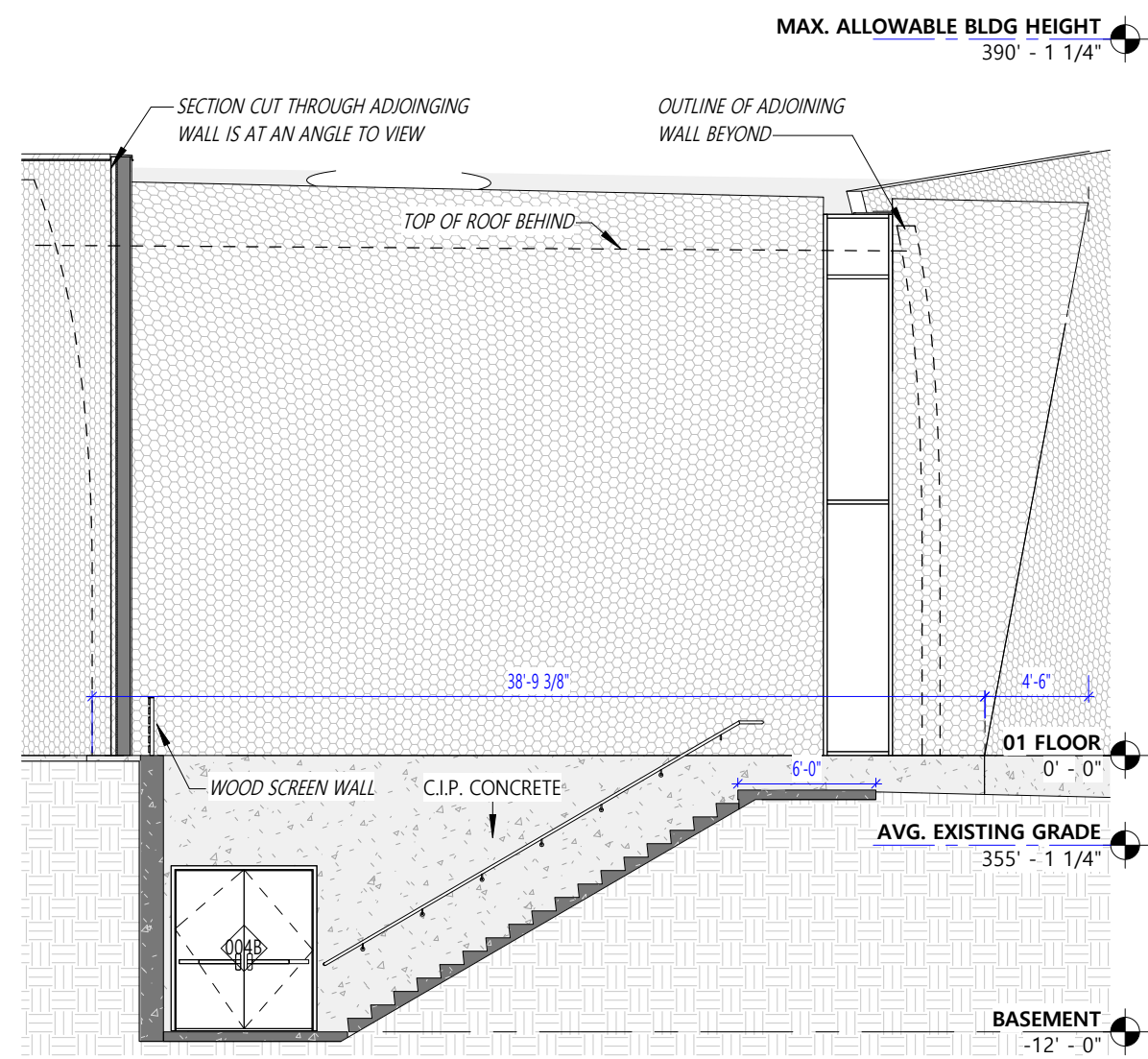
Drawing Title: **EXT ELEVATIONS - MEETING ROOMS, KITCHEN, ADMIN (SITE PLAN)**

| | | |
|-------------|-----------|---------------|
| Project No. | 101007201 | .A-202 |
| Date | 07/18/24 | |
| Drawn By | AC | |
| Checked By | LC | |

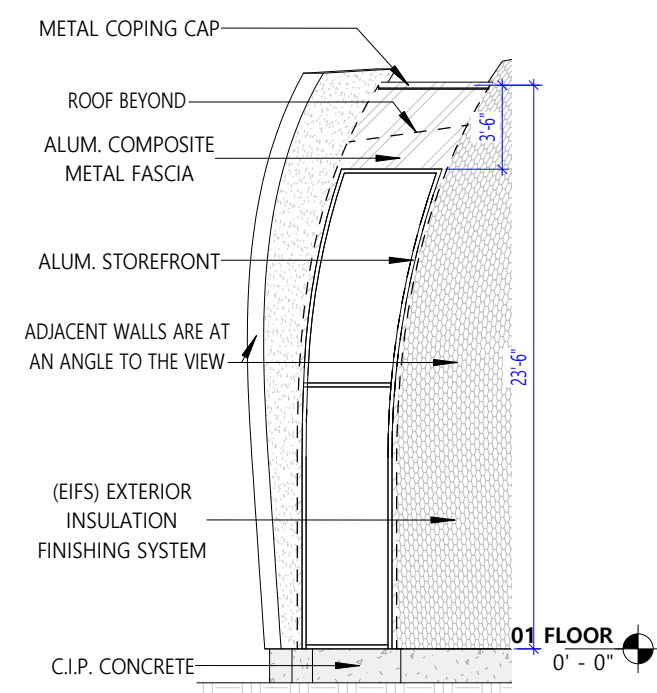
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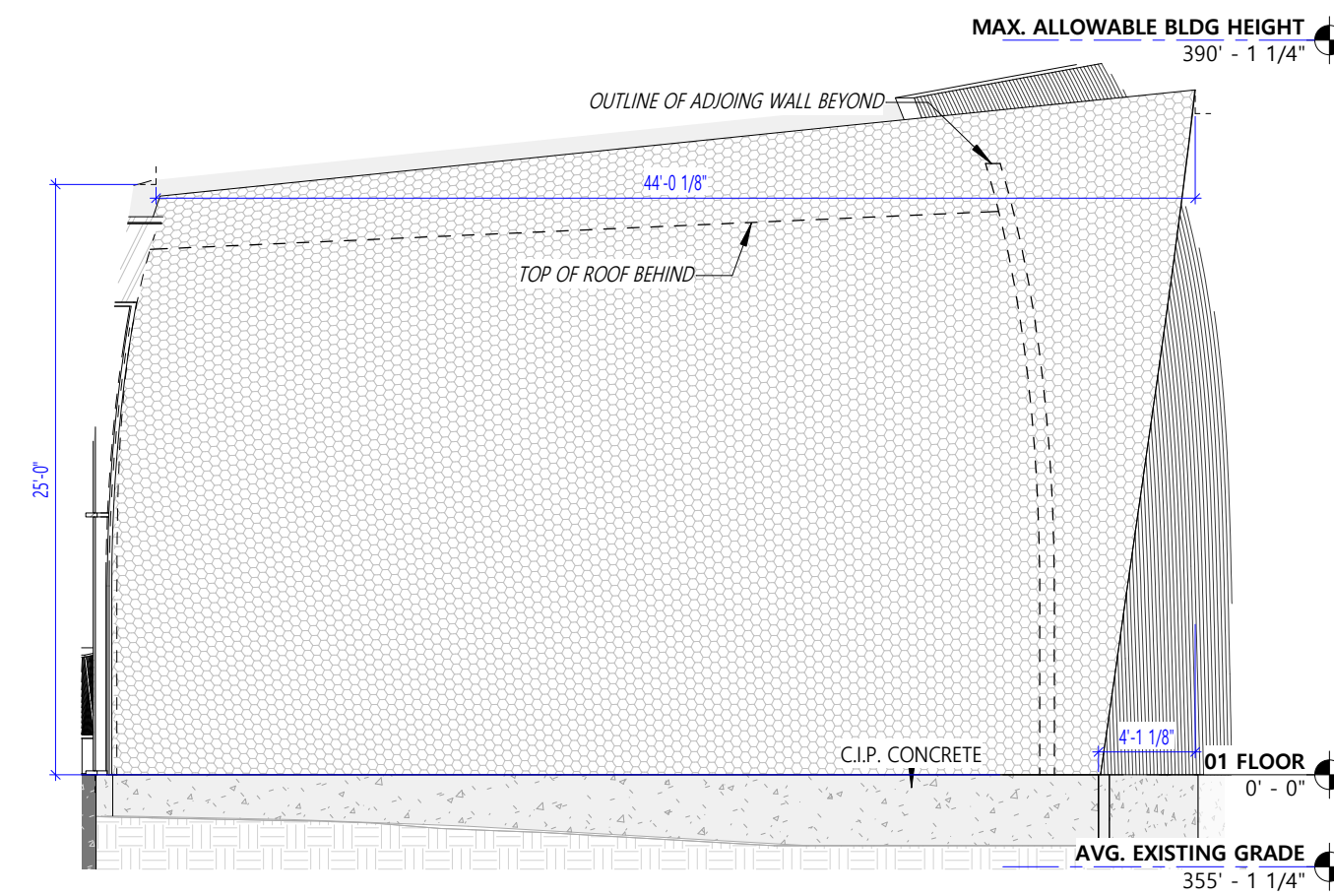
1 SANCTUARY - NW
A-203 1/8" = 1'-0"



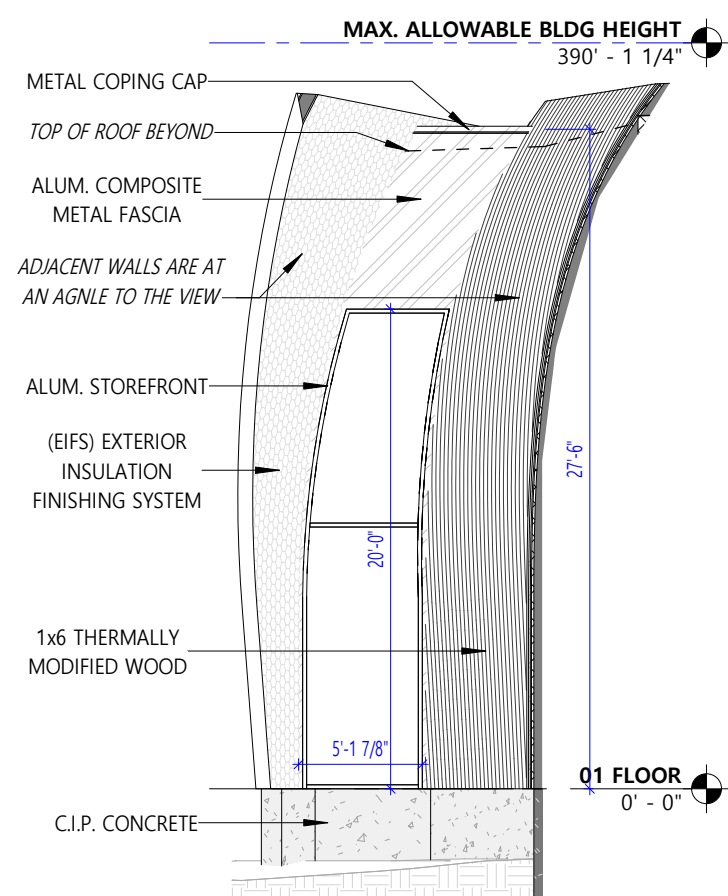
2 SANCTUARY - W
A-203 1/8" = 1'-0"



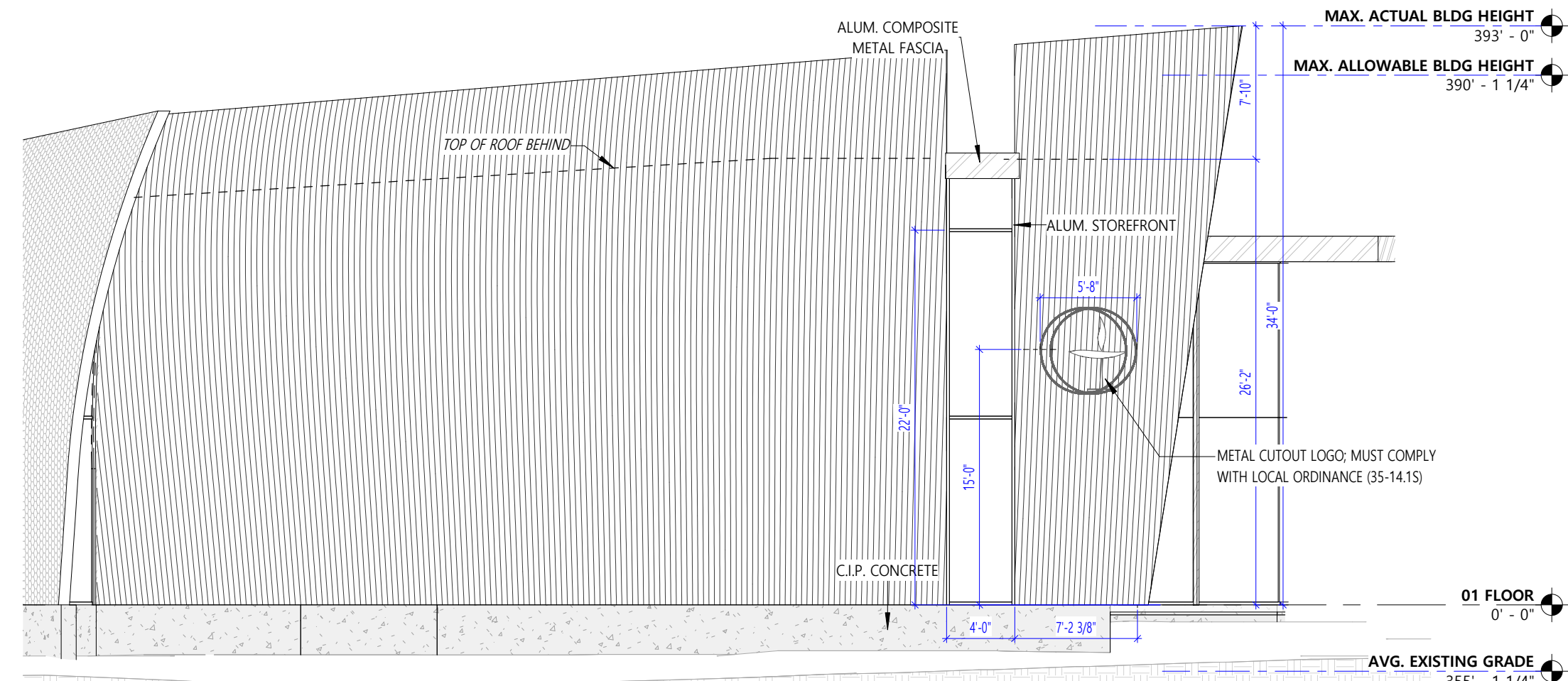
3 SANCTUARY - SE 1
A-203 1/8" = 1'-0"



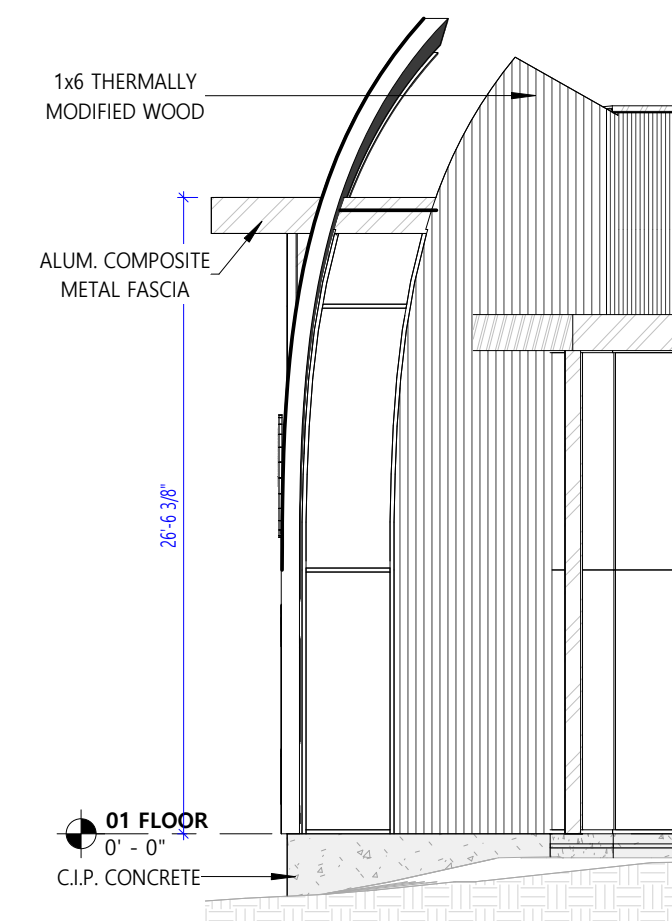
4 SANCTUARY - SW
A-203 1/8" = 1'-0"



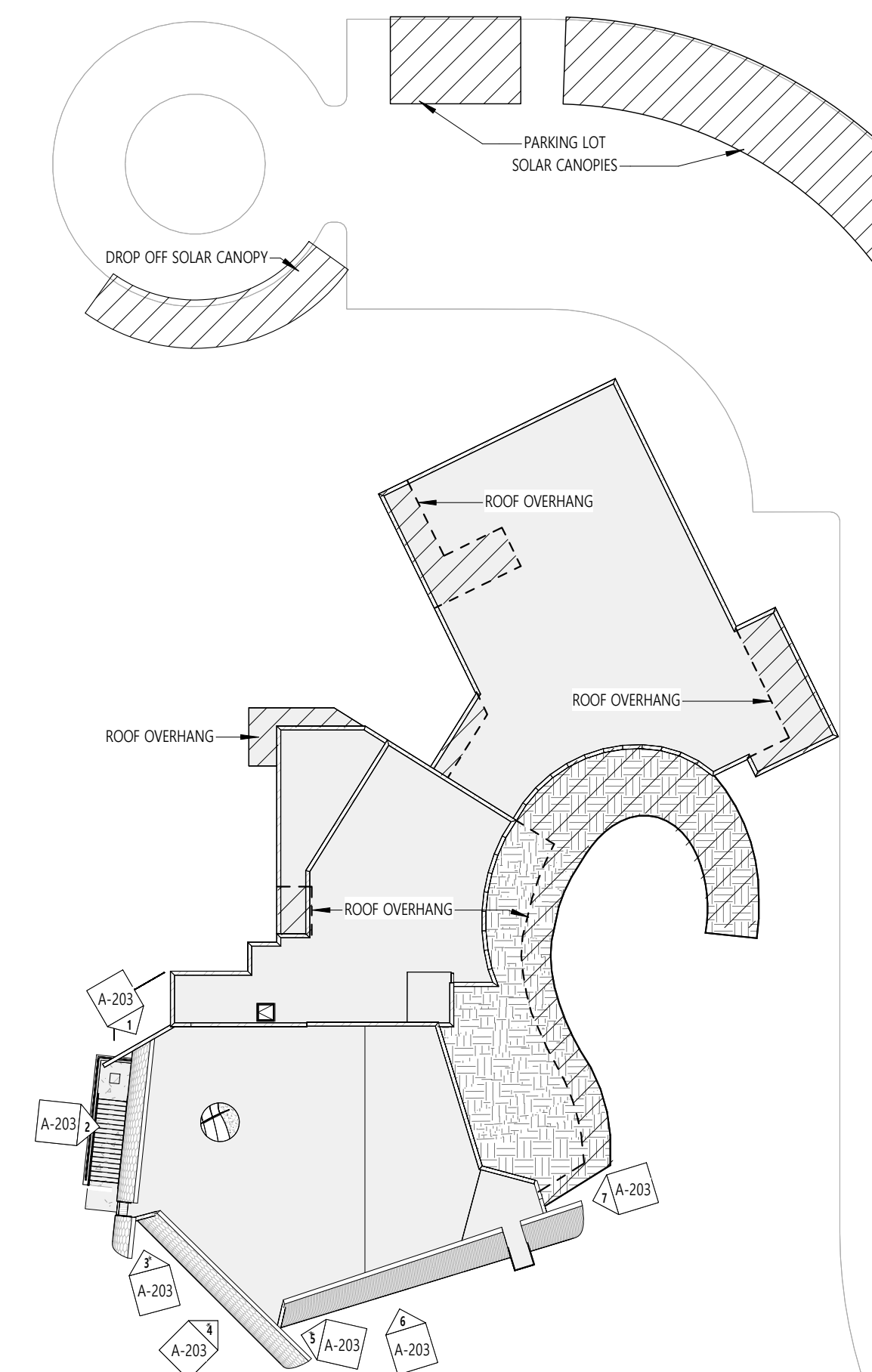
5 SANCTUARY - SE 2
A-203 1/8" = 1'-0"



6 SANCTUARY - SE 3
A-203 1/8" = 1'-0"



7 SANCTUARY - NE
A-203 1/8" = 1'-0"



KEY PLAN - ELEVATIONS

BUILDING HEIGHT ANALYSIS
- REFER TO DRAWING EX-02: EXISTING & PROPOSED GRADE PLAN ANALYSIS

- 1) AVERAGE EXISTING GRADE = 355.11' OR 355-1 1/4"
- 2) AVG. EXISTING GRADE PLANE TO TOP OF HIGHEST ROOF: 30'-10 3/4"
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- 5) HIGHEST POINT OF PARAPET ABOVE MAXIMUM ALLOWABLE HEIGHT: 2'-10 3/4"

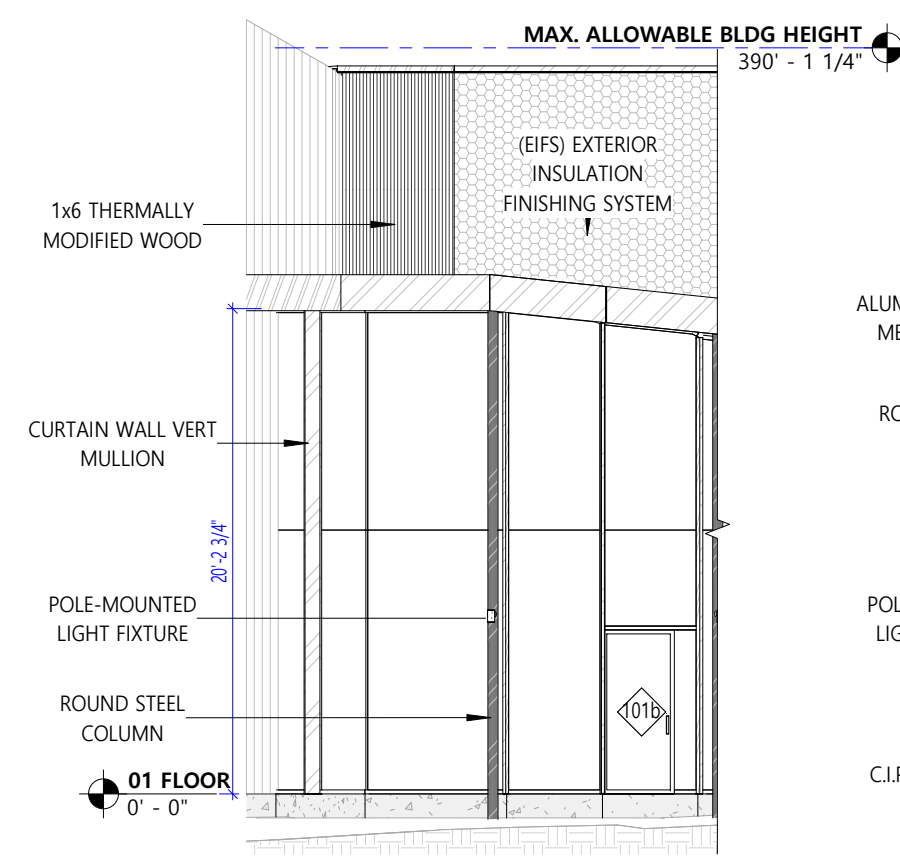
| BUILDING AREA (GSF) | |
|--|----------|
| *CALCULATED TO OUTSIDE OF EXTERIOR WALLS | |
| 00 - BASEMENT | 3635 SF |
| 01 - FIRST FLOOR | 11896 SF |
| 02 - SECOND FLOOR | 3765 SF |
| | 19295 SF |

| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |

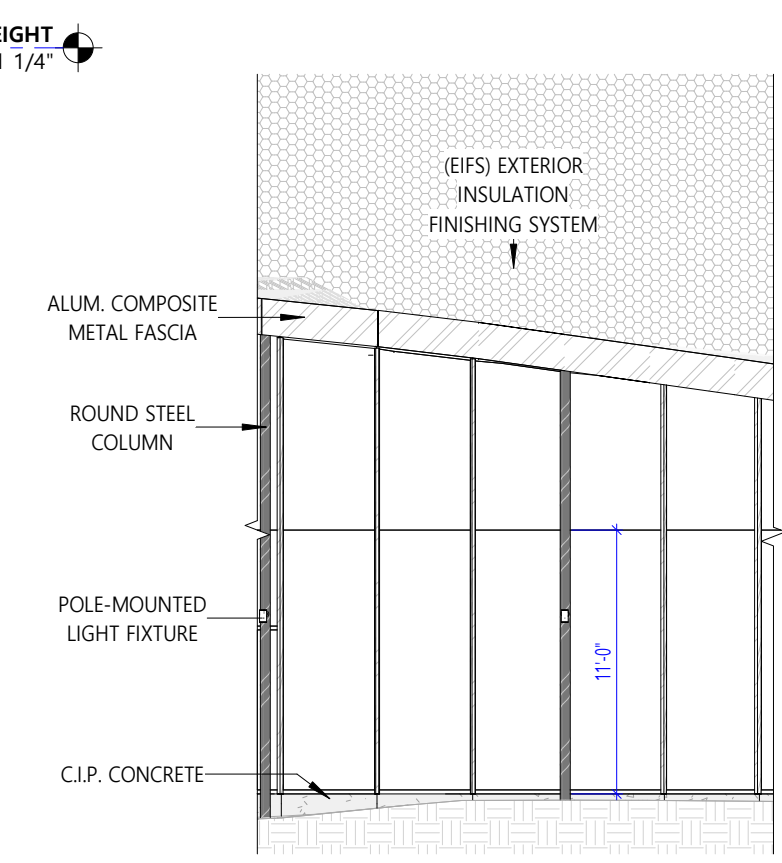
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Project
BEACON UNITARIAN UNIVERSALIST CHURCH
SUMMIT NEW JERSEY
Drawing Title
EXT ELEVATIONS - SANCTUARY (SITE PLAN)

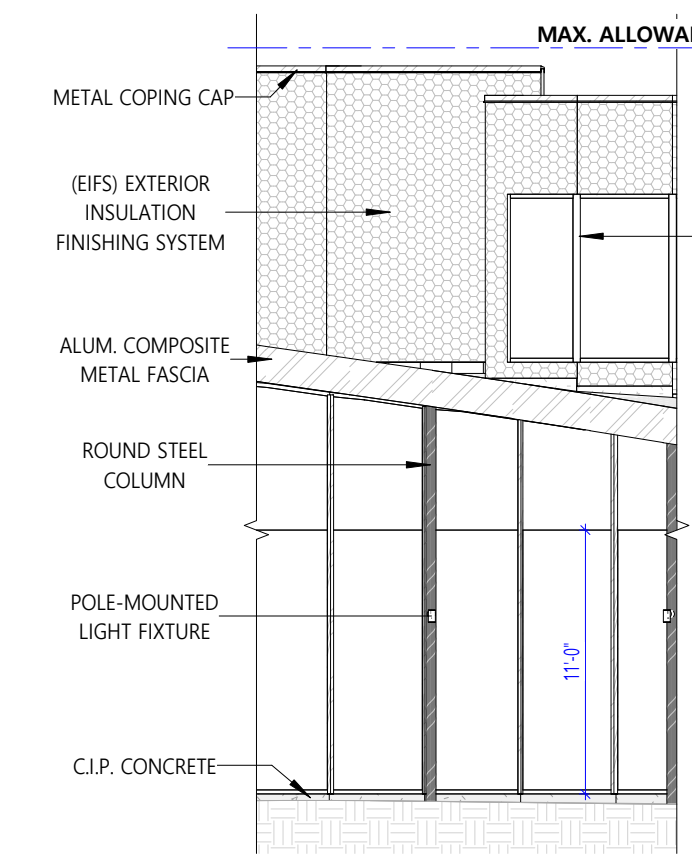
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| Project No. 101007201 | .A-203 |
| Date 07/18/24 | |
| Drawn By AC | |
| Checked By LC | |



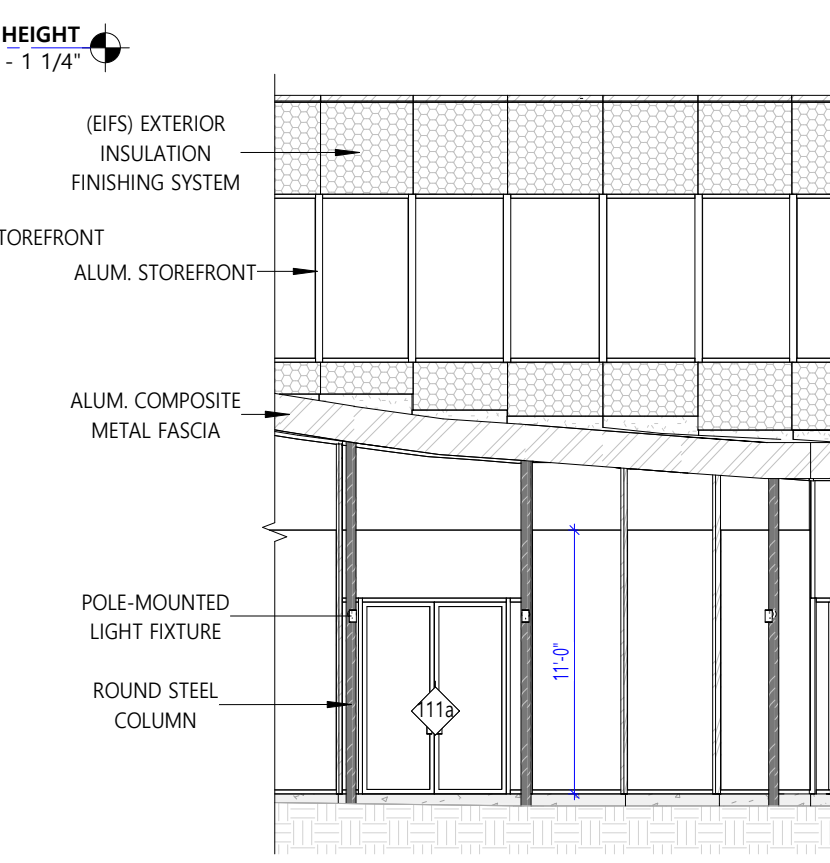
1 CURVE 1
A-204 1/8" = 1'-0"



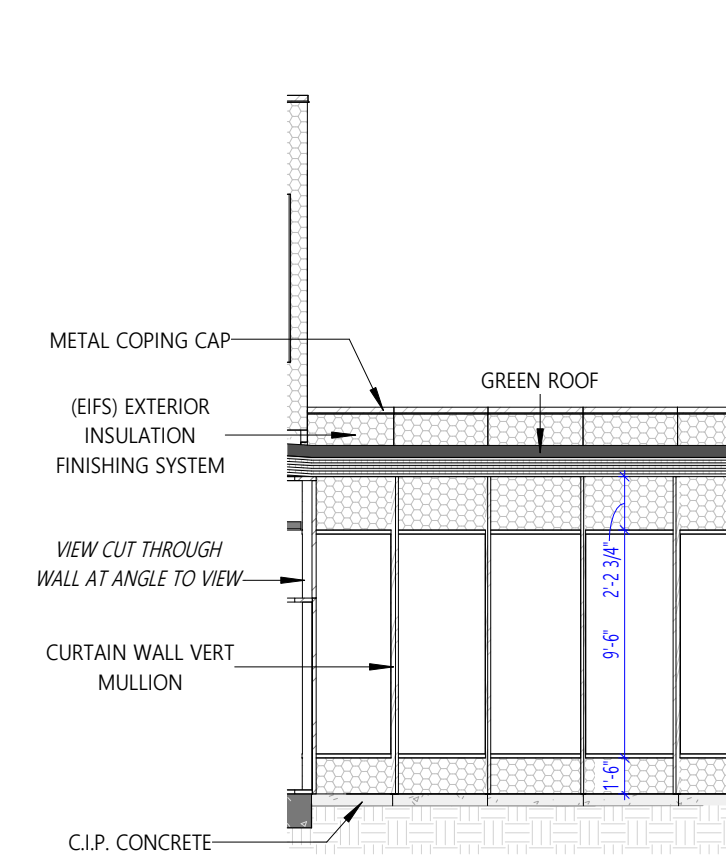
2 CURVE 2
A-204 1/8" = 1'-0"



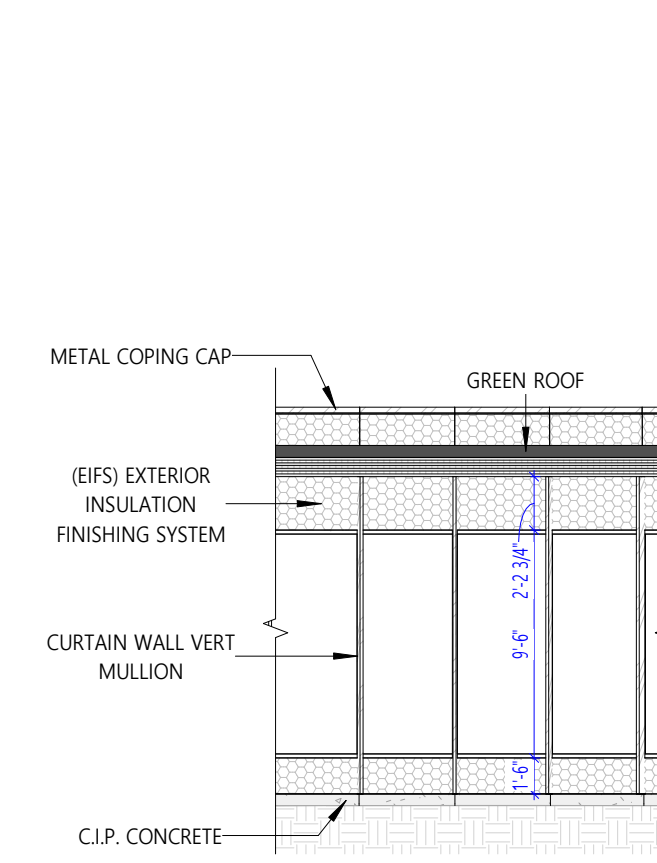
3 CURVE 3
A-204 1/8" = 1'-0"



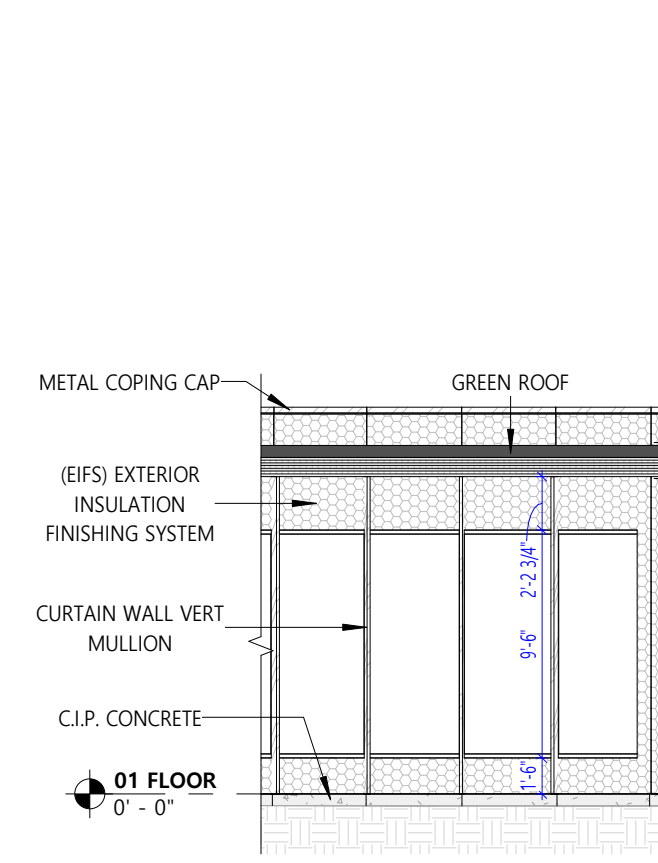
4 CURVE 4
A-204 1/8" = 1'-0"



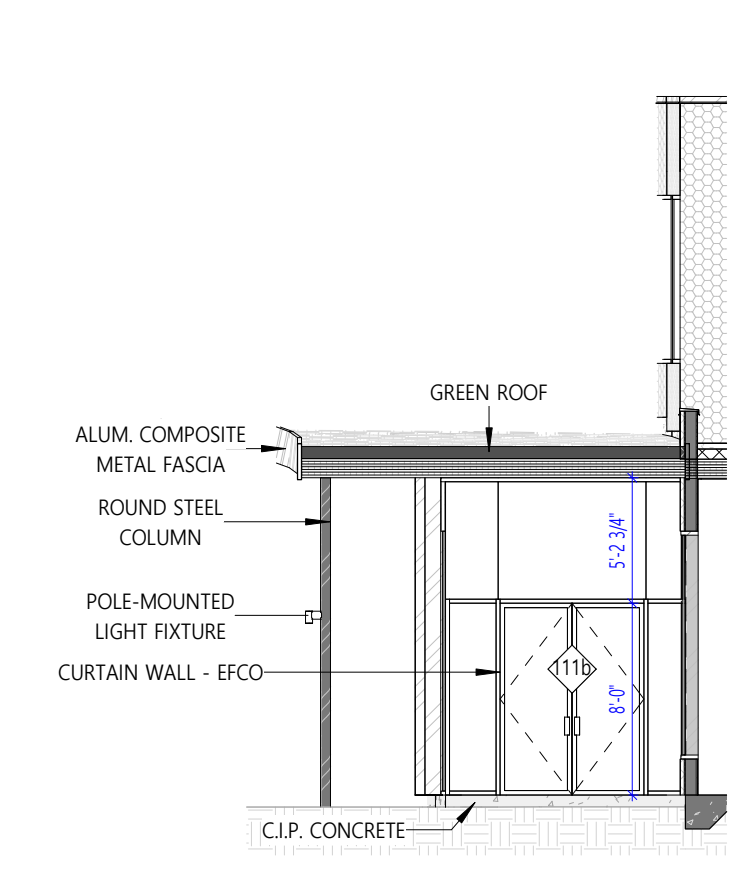
5 CURVE 5
A-204 1/8" = 1'-0"



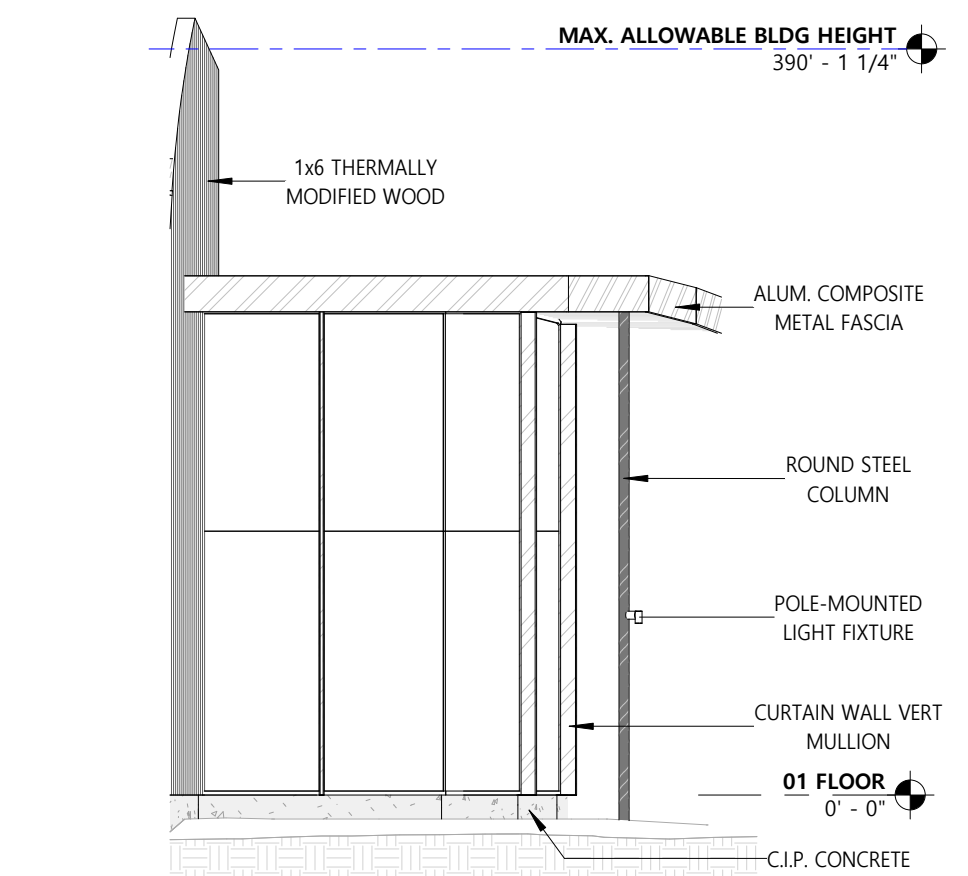
6 CURVE 6
A-204 1/8" = 1'-0"



7 CURVE 7
A-204 1/8" = 1'-0"

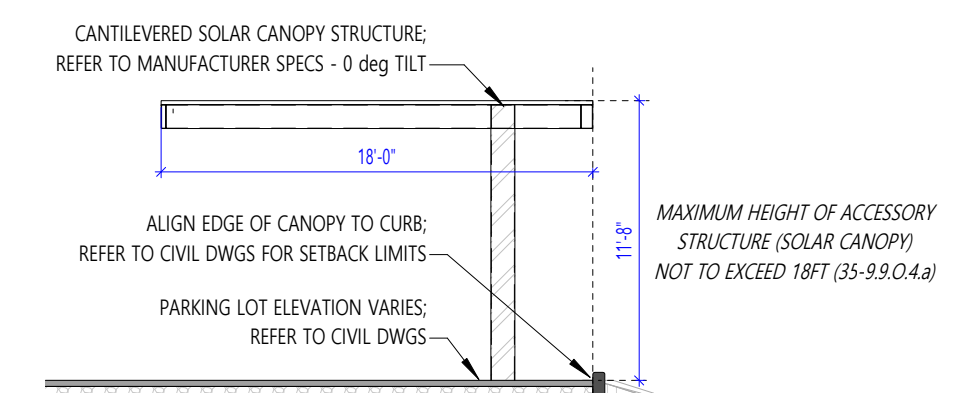


10 LOBBY
A-204 1/8" = 1'-0"



8 LOBBY - SE
A-204 1/8" = 1'-0"

PARKING SOLAR PANEL CANOPIES WILL BE CONSTRUCTED IN A SIMILAR MANNER TO EACH OTHER PER THE SPECIFICATIONS ON THE MANUFACTURER CUT SHEET BELOW.



9 Solar Canopy - Side Elev
A-204 1/8" = 1'-0"



SOLAR CARPORT STYLE SINGLE COLUMN - SINGLE

DESIGN CRITERIA
Wind Load: 90 MPH minimum
Ground Snow Load: 30 psf minimum
All Federal, State and Local codes reviewed.

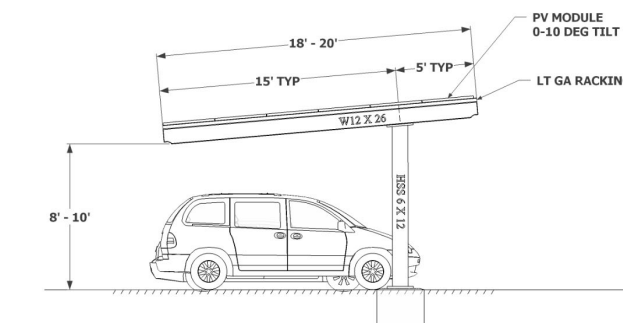
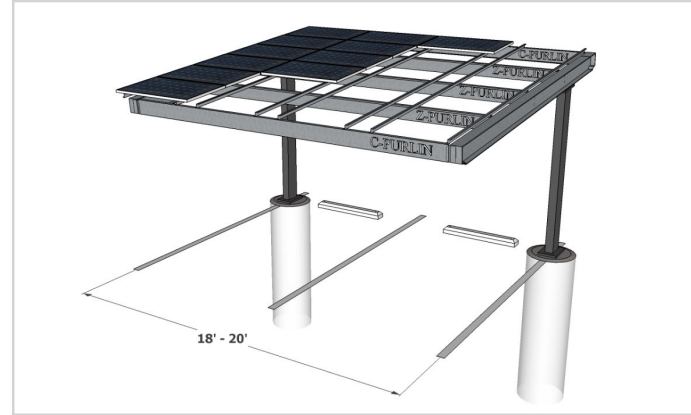
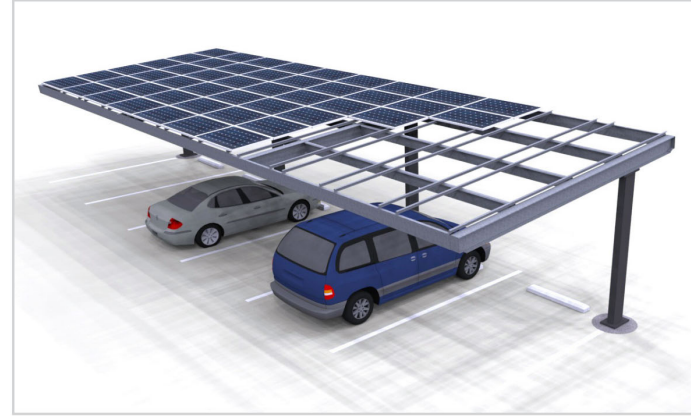
COLUMNS
HSS ASTM A-500 Grade B A-500
Coating Options: Primed or Hot Dip Galvanized

BEAMS
Wide Flange A-992 Grade 50 Steel
Coating Options: Primed or Hot Dip Galvanized

PURLINS
16 GA. Cold Rolled G-90 Galvanized Steel

RACKING
16 GA. Cold Rolled G-90 Galvanized Steel
Cold formed Z or hat shaped section pre-punched to receive solar module.

OPTIONS
Fixed Tilt slope up to 10°
Hot Dip Galvanizing
Site Specific Layout and Configuration
Solar Racking
End Overhangs 1'
Roof Sheeting
Soffit Under Sheeting



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info@carportstructures.com www.carportstructures.com

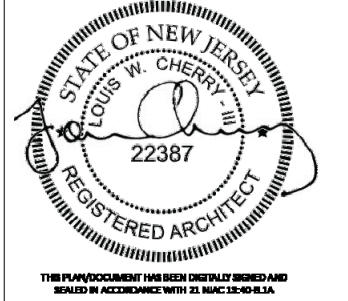
MANUFACTURER CUT SHEET - SOLAR PANEL CANOPIES

BUILDING HEIGHT ANALYSIS
- REFER TO DRAWING EX-02: EXISTING & PROPOSED GRADE PLAN ANALYSIS

- 1) AVERAGE EXISTING GRADE = 355.11' OR 355-1 1/4"
- 2) AVG. EXISTING GRADE PLANE TO TOP OF HIGHEST ROOF: 30'-10 3/4"
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| BUILDING AREA (GSF) | |
|--|----------|
| *CALCULATED TO OUTSIDE OF EXTERIOR WALLS | |
| 00 - BASEMENT | 3635 SF |
| 01 - FIRST FLOOR | 11896 SF |
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| | 19295 SF |

| Date | Description | No. |
|-----------|-------------|-----|
| Revisions | | |



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Project
BEACON UNITARIAN UNIVERSALIST CHURCH
SUMMIT NEW JERSEY

Drawing Title
EXT ELEVATIONS - FOYER, LOBBY, COMMONS, SOLAR CANOPY (SITE PLAN)

| | | |
|-------------|-----------|---------------|
| Project No. | 101007201 | .A-204 |
| Date | 07/18/24 | |
| Drawn By | AC | |
| Checked By | LC | |
| Sheet of 1 | | |

