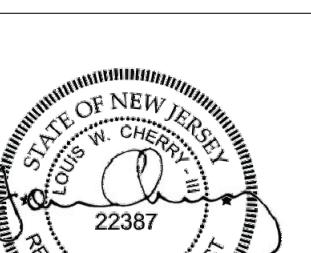


BUILDING AREA (GSF)	
*CALCULATED TO OUTSIDE OF EXTERIOR WALLS	
00 - BASEMENT	3635 SF
01 - FIRST FLOOR	11896 SF
02 - SECOND FLOOR	3765 SF
	19295 SF

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		



**LOUIS CHERRY
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Project

**BEACON UNITARIAN
UNIVERSALIST
CHURCH**

SUMMIT
NEW JERSEY

UNION COUNTY
Drawing Title

FAR CALCS (SITE PLAN)

Project No.

101007201

Date

07/18/24

Drawn By

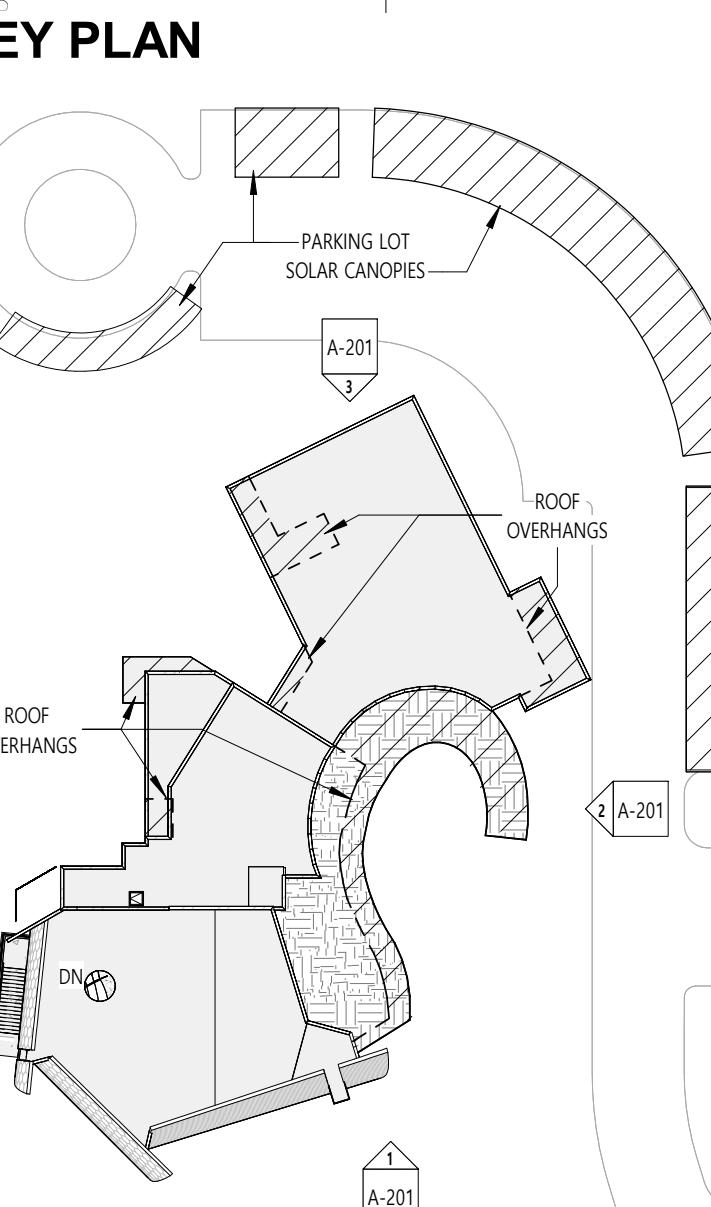
AC

Checked By

LC

A-100

Sheet of 1



BUILDING HEIGHT ANALYSIS	
- REFER TO DRAWING EX-02: EXISTING & PROPOSED GRADE PLAN ANALYSIS	
1	AVERAGE EXISTING GRADE = 355'-0" OR 355-1 1/4"
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BUILDING AREA (GSF)	
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	19295 SF

Date	Description	No.
Revisions		

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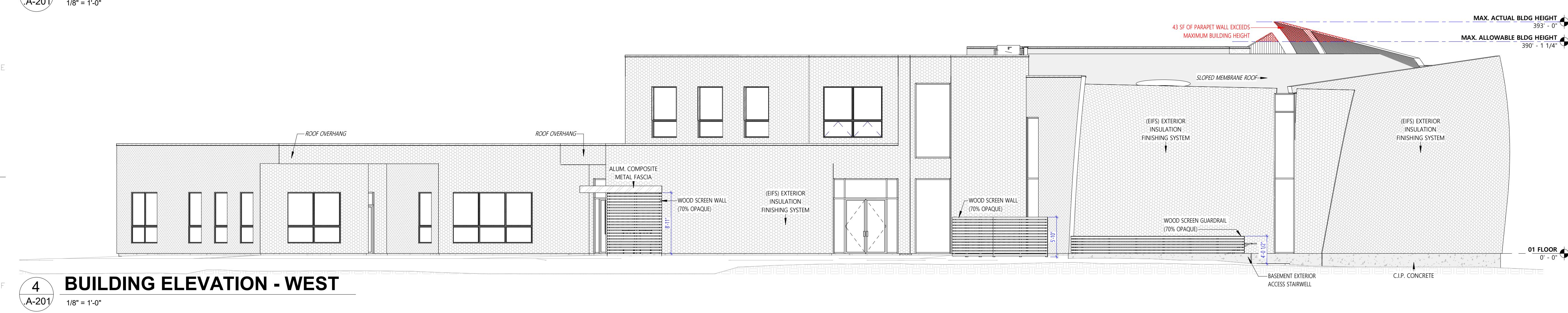
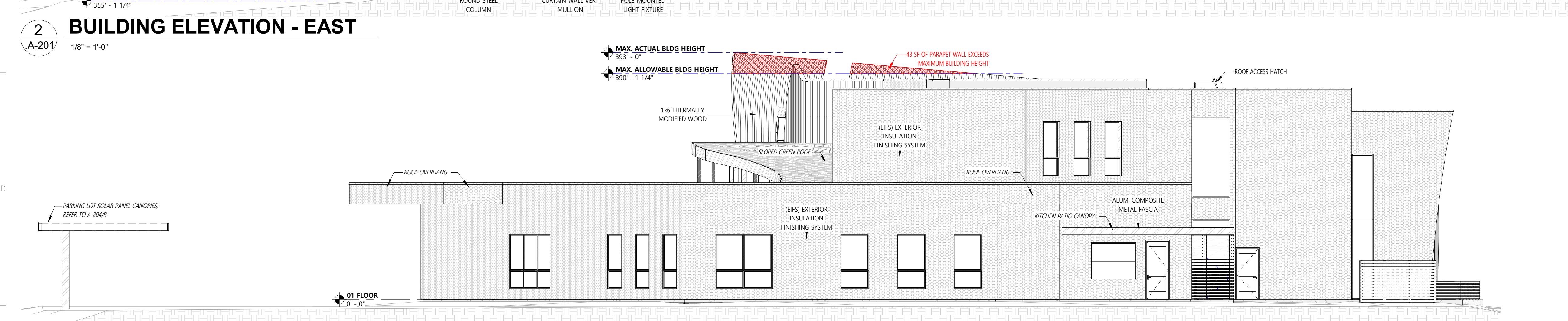
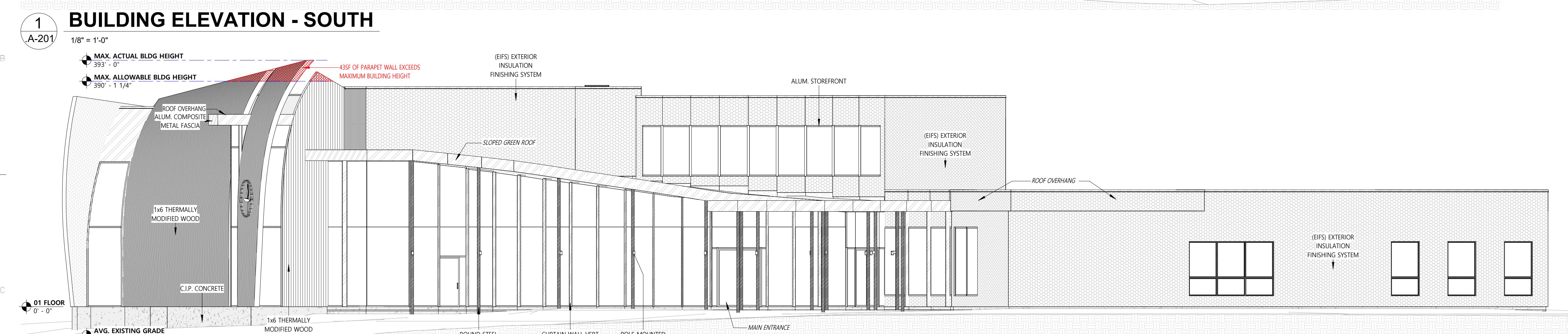
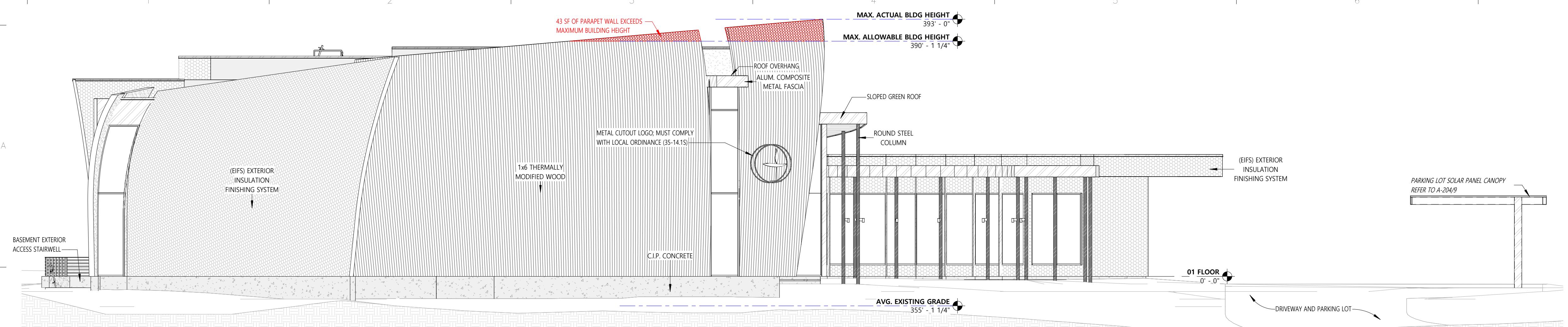
Project: BEACON UNITARIAN UNIVERSALIST CHURCH, SUMMIT, NEW JERSEY

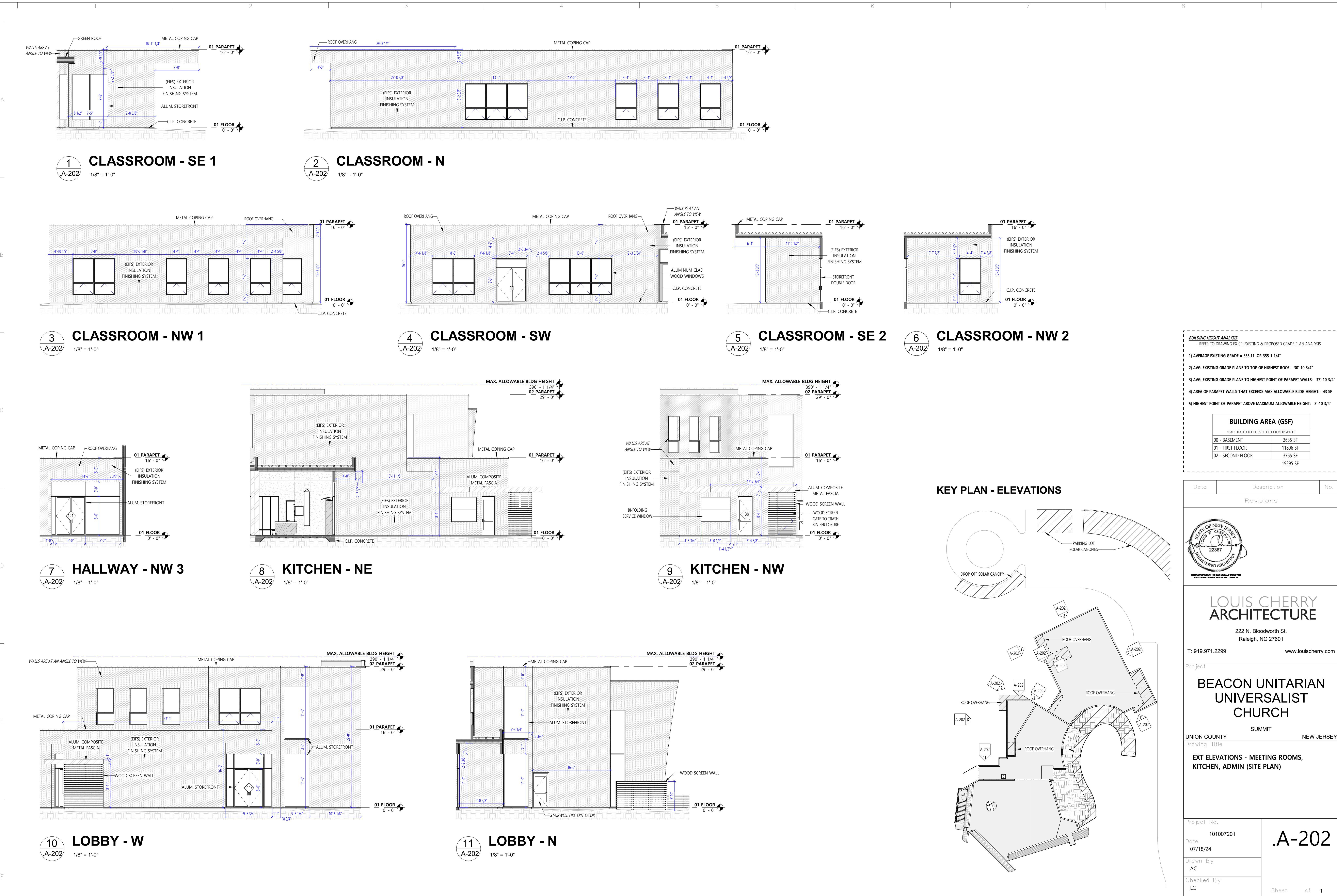
Drawing Title: EXT ELEVATIONS - BUILDING (SITE PLAN)

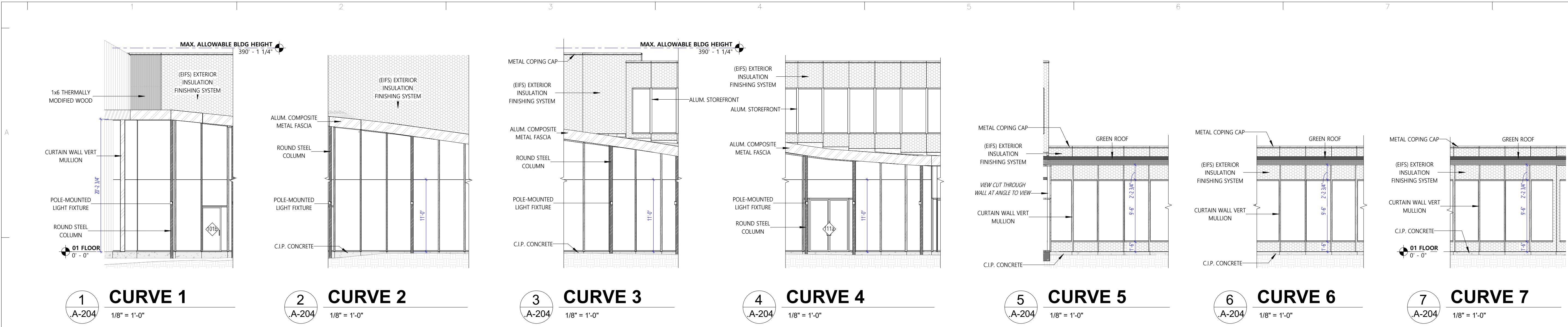
Project No.	101007201
Date	07/18/24
Drawn By	AC
Checked By	LC

.A-201

Sheet 1 of 1

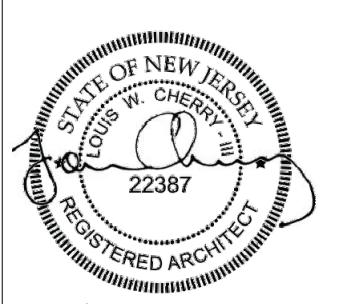






BUILDING HEIGHT ANALYSIS				
- REFER TO DRAWING EX-02: EXISTING & PROPOSED GRADE PLAN ANALYSIS				
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*CALCULATED TO OUTSIDE OF EXTERIOR WALLS				
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01 - FIRST FLOOR	11896 SF			
02 - SECOND FLOOR	3765 SF			
	19295 SF			

Date	Description	No.
Revisions		



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Project

**BEACON UNITARIAN
UNIVERSALIST
CHURCH**

SUMMIT
NEW JERSEY

UNION COUNTY
Drawing Title

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

Project No.

101007201

Date

07/18/24

Drawn By

AC

Checked By

LC

.A-204



**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

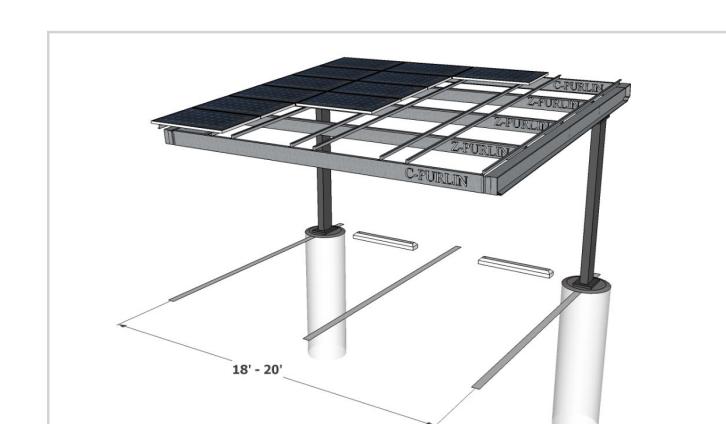
16 GA. Cold Rolled G-90 Galvanized Steel

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



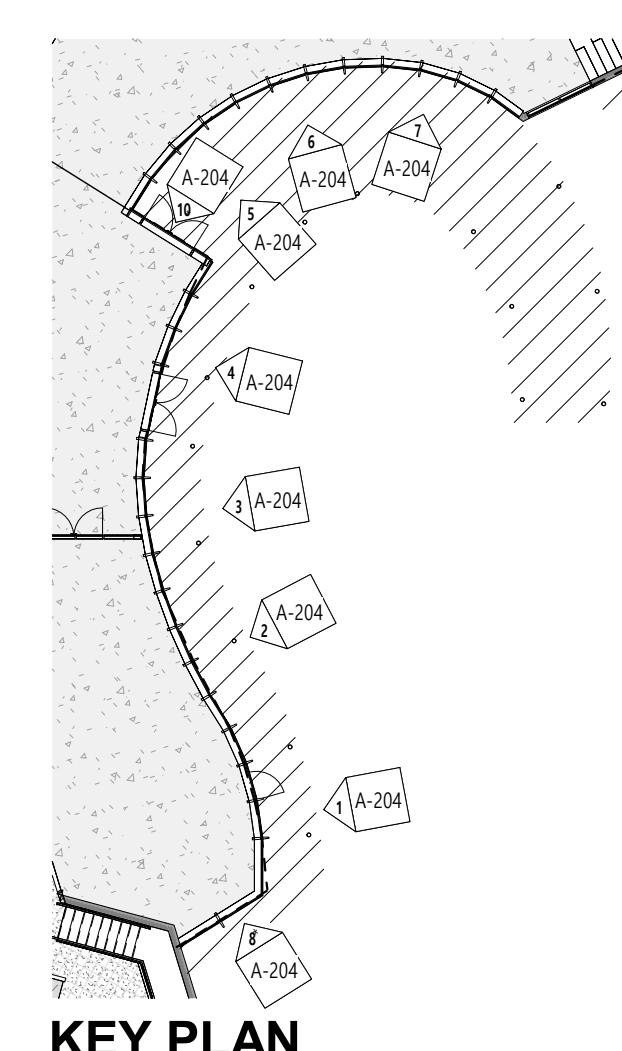
PARKING SOLAR PANEL CANOPIES WILL BE CONSTRUCTED IN
A SIMILAR MANNER TO EACH OTHER PER THE SPECIFICATIONS
ON THE MANUFACTURER CUT SHEET BELOW.

CANTILEVERED SOLAR CANOPY STRUCTURE:
REFER TO MANUFACTURER SPECS - 0 deg TILT
18'-0" ALIGN EDGE OF CANOPY TO CUBE:
REFER TO CIVIL DWGS FOR SETBACK LIMITS
MAXIMUM HEIGHT OF ACCESSORY
STRUCTURE (SOLAR CANOPY)
NOT TO EXCEED 18FT (35-89.04a)
PARKING LOT ELEVATION VARIES:
REFER TO CIVIL DWGS

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

1825 METAMORA ROAD • OXFORD, MICHIGAN 48371 P: 248-628-5571 / F: 248-628-5260
info@carportstructures.com www.carportstructures.com

MANUFACTURER CUT SHEET - SOLAR PANEL CANOPIES



KEY PLAN