11/7/2024 11:54:51 AM

9AM

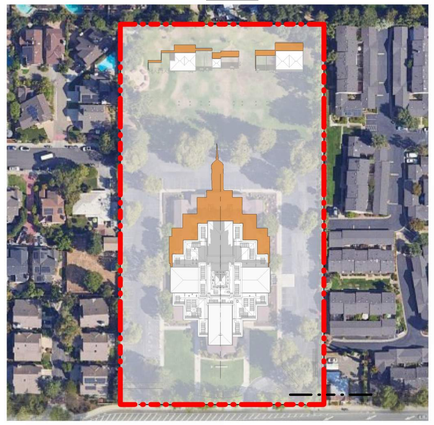
12PM

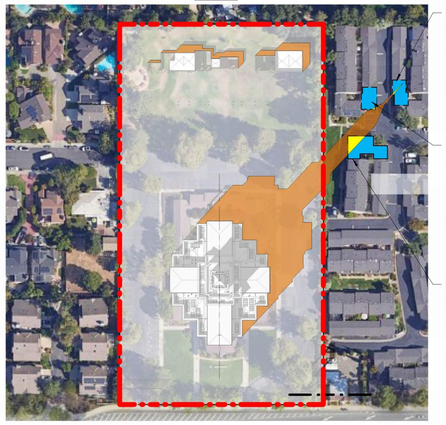
3PM

IMPACTED BUILDING 1
ROOF AREA = 2,253 SF
SHADOW AREA = 104.3 SF

IMPACTED SOLAR ACCESS = 4.6%

12.21





4.6%

0.0%

22.8%

IMPACTED BUILDING 4
ROOF AREA = 940 SF
SHADOW AREA = 27.25 SF

IMPACTED SOLAR ACCESS = 2.9%

IMPACTED BUILDING 5
ROOF AREA = 875 SF
SHADOW AREA = 10 SF

IMPACTED SOLAR ACCESS = 1.1%

IMPACTED BUILDING 2
ROOF AREA = 1,865 SF
SHADOW AREA = 426 SF

IMPACTED SOLAR ACCESS = 22.8%

Average Area and Percentage Demonstrating 365 Day Cummulative Solar Shading

Date		9:00	12:00	2:00	2:30	3:00	Average Shading %
12.21	Area (Sq.Ft)	104	x	x	x	398	5.5%
	% of Shade	4.60%	x	x	x	22.8%	
2.01	Area (Sq.Ft)	x	x	x	x	x	0.0%
	% of Shade	x	x	x	x	x	
3.01	Area (Sq.Ft)	x	x	x	x	x	0.0%
	% of Shade	x	x	x	x	x	
4.01	Area (Sq.Ft)	x	x	x	x	x	0.0%
	% of Shade	x	x	x	x	x	
5.01	Area (Sq.Ft)	x	x	x	x	x	0.0%
	% of Shade	x	x	x	x	x	
6.01	Area (Sq.Ft)	x	x	x	x	x	0.0%
	% of Shade	x	x	x	x	x	
7.01	Area (Sq.Ft)	x	x	x	x	x	0.0%
	% of Shade	x	x	x	x	x	
8.01	Area (Sq.Ft)	x	x	x	x	x	0.0%
	% of Shade	x	x	x	x	x	
9.01	Area (Sq.Ft)	x	x	x	x	x	0.0%
	% of Shade	x	x	x	x	x	
10.01	Area (Sq.Ft)	x	x	x	x	x	0.0%
	% of Shade	x	x	x	x	x	
11.01	Area (Sq.Ft)	x	x	x	x	424	3.2%
	% of Shade	x	x	x	x	16.2%	
12.01	Area (Sq.Ft)	72	x	x	x	1087	12.2%
	% of Shade	3.19%	x	x	x	58.2%	
						Total	20.9%
						20.9%/12 Months =	1.74%

For more information
please contact us at
info@sjcatemple.org

11.01

0.0%

0.0%

16.2%

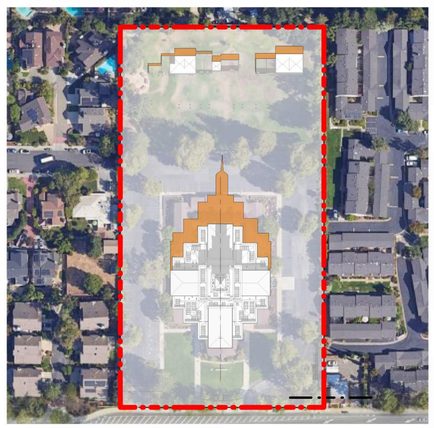
IMPACTED BUILDING 3
ROOF AREA = 3,166 SF
SHADOW AREA = 514 SF

IMPACTED SOLAR ACCESS = 16.2%

IMPACTED BUILDING 1
ROOF AREA = 2,253 SF
SHADOW AREA = 72 SF

IMPACTED SOLAR ACCESS = 3.19%

12.01



3.19%

0.0%

58.2%

IMPACTED BUILDING 4
ROOF AREA = 940 SF
SHADOW AREA = 13.8 SF

IMPACTED SOLAR ACCESS = 1.4%

IMPACTED BUILDING 2
ROOF AREA = 1,865 SF
SHADOW AREA = 1,087 SF

IMPACTED SOLAR ACCESS = 58.2%

DATE	ISSUED FOR	REV

NORR to any party with whom NORR has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer

Project Component

Key Plan

Consultants

Survey: 3428 BROOKSIDE ROAD STOCKON, CA 95219

Civil: SIEGFRIED 3428 BROOKSIDE ROAD STOCKON, CA 95219

Structural: BUEHLER 600 Q STREET #200 SACRAMENTO, CA 95811

Mechanical: GLUMAC 150 S 4TH STREET UNIT A HENDERSON, NV 89015

Electrical: GLUMAC 150 S 4TH STREET UNIT A HENDERSON, NV 89015

Interiors: NORR 565 N. DE SOTO ST E SALT LATE CITY, UT 84103

Landscape: SIEGFRIED 3428 BROOKSIDE ROAD STOCKON, CA 95219

Seal(s)

NORR
1631 Alhambra Blvd., Suite 100
Sacramento, CA 95816, United States
916.930.0210
norr.com

Project Manager	Drawn
ANDREA JAGGERS	Author
Project Leader	Checked
JULIAN ANDRADE	Checker

Client
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Project
NEW TEMPLE PROJECT

Project Address

Drawing Title
SOLAR ANALYSIS

Scale
1" = 100'-0"

Project No.
1143-001-00

Drawing No.
-

PRELIMINARY - NOT FOR CONSTRUCTION

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