

**CHRIST EVANGELICAL  
LUTHERAN CHURCH**

**SOLAR PROJECT UPDATE**

**April 17, 2023**

**Presenter:**

**Randy Heibel**

**Buildings and Grounds**

# CELC's APS USAGE

**135,000**

**kWh/year, 2 meters**

**\$0.18**

**/kWh**

**\$24,300**

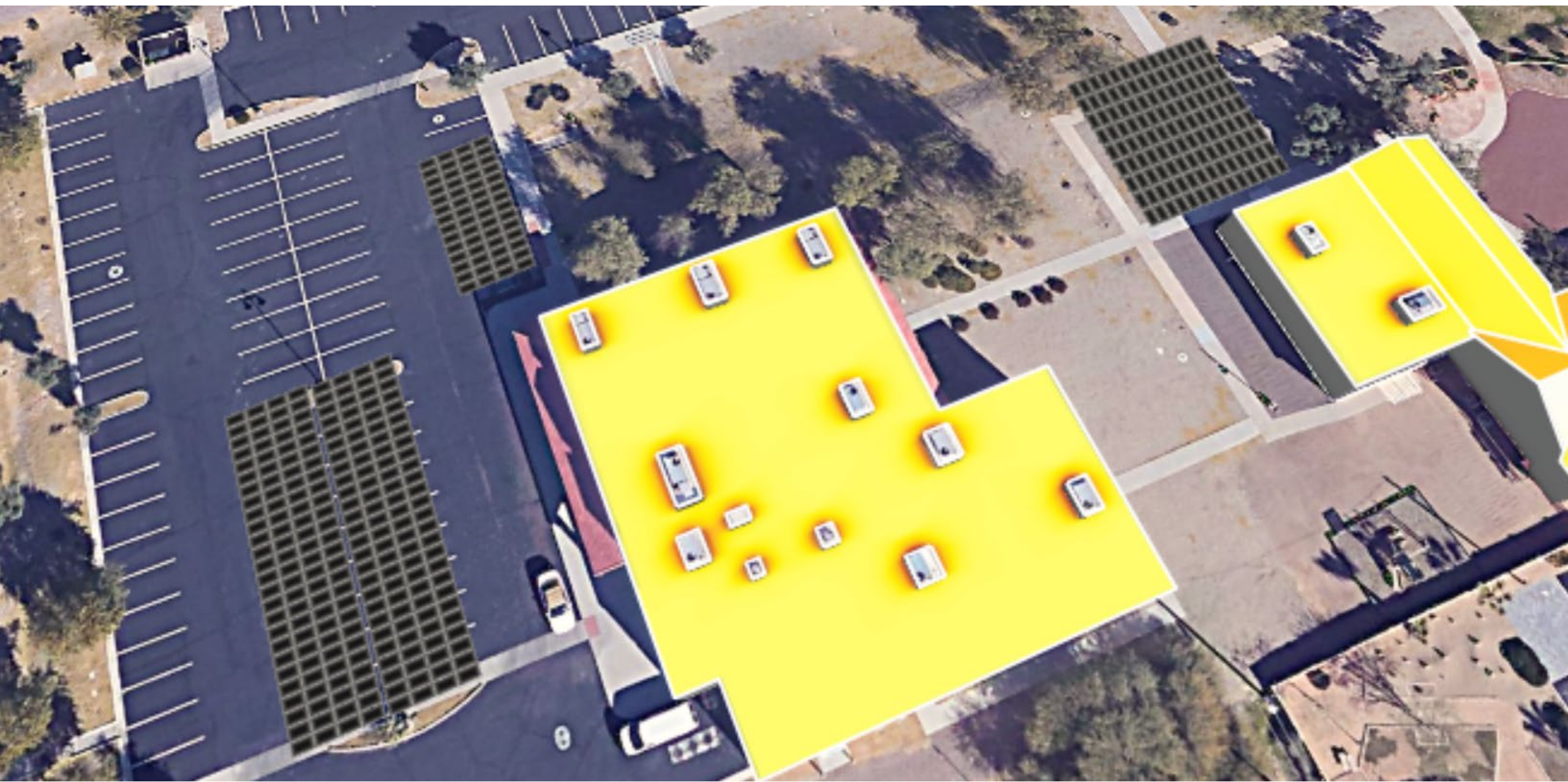
**/year**

**\$486,000**

**20 years**

**\$671,000**

**20 years - 3% Inflation**



# LEASING SOLAR FOR CELC

CELC Costs: Security Cameras, Insurance Coverage, Internet Access & WiFi

## CELC - Lease from Solar Company

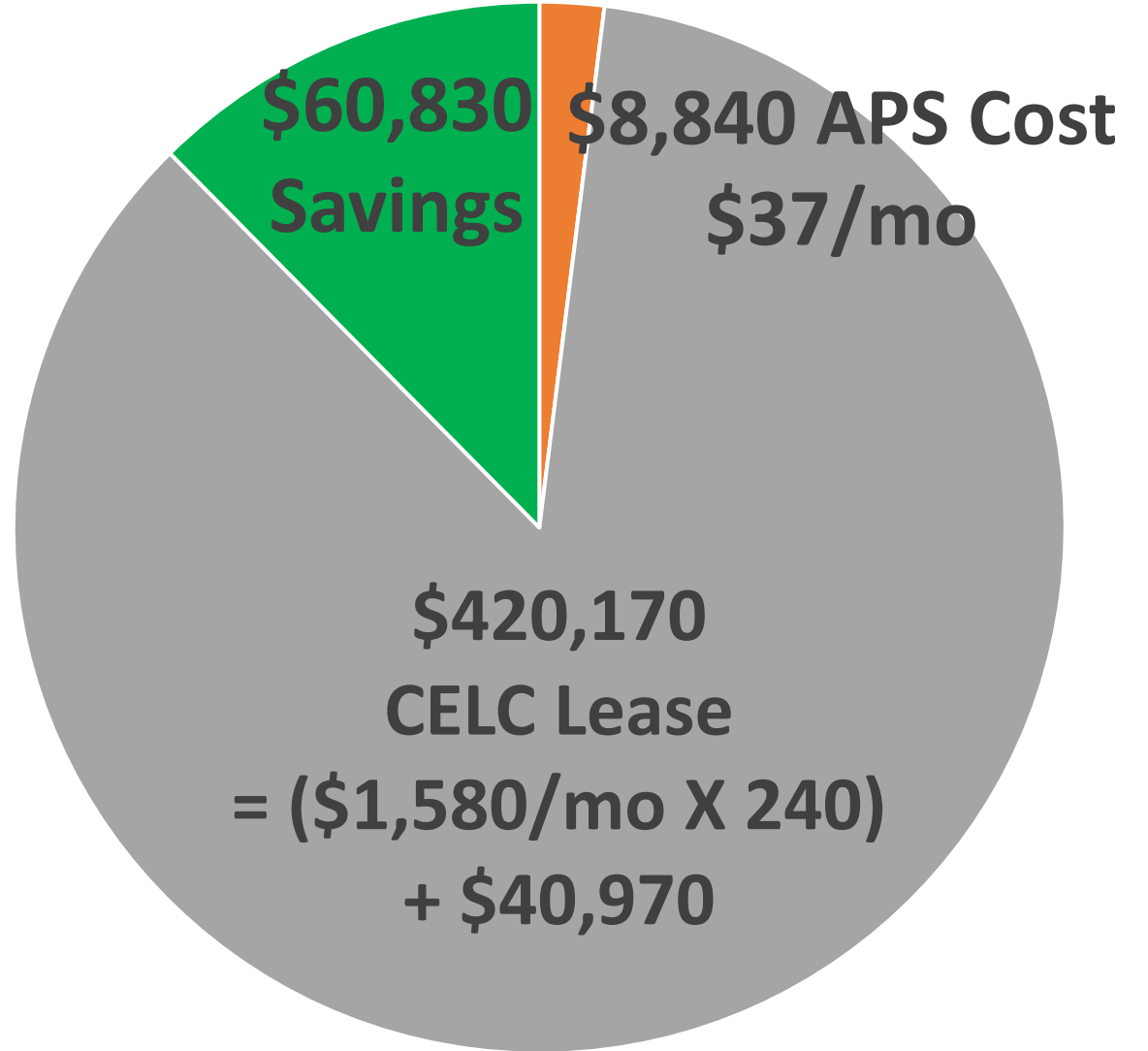
- Down Payment: \$40,970
- 20-years: Monthly Payments of \$1,580 vs \$2,025 APS
- Lease Terms
  - Solar Company owns/operates/maintains/repairs the system
  - 110% production: 150 mWh vs 135 mWh currently
  - CELC receives credit: overproduction & underproduction
  - CELC purchases the system for ~\$1.00 after 20 years

**Current Monthly APS = \$2,025**

**Lease Payment + APS = \$1,617**

**Savings: \$2,025 - \$1,617 =  
\$408/mo x 240**

**Downpayment = \$40,970**



# 2023 PROJECT TIMELINE

- **Annual meeting: approved leasing solar on 01/29/23.**
- **Lease with SCP Solar signed on 02/20/23.**
- **Downpayment: \$40,970 paid to SCP Solar on 02/23/23**
- **SCP Solar Plans** received by CELC on 04/03/23
- **Estimated Project Start – Spring/Summer**
  - Dependent upon City of Goodyear:
    - Accepting Project Plans
    - Providing Permit(s)
- **Estimated Project Completion – Fall/Winter**
  - SCP Solar predicts 6-12 months from downpayment date
- **Lease Payments begin after the project is completed.**





FULCRUM STEEL, LLC  
3700 N 36TH AVE  
PHOENIX, AZ 85019  
ROC #321245

PROPERTY PLAN  
CHRIST EVANGELICAL LUTHERAN  
CHURCH  
918 S LITCHFIELD RD  
GOODYEAR, AZ 85338

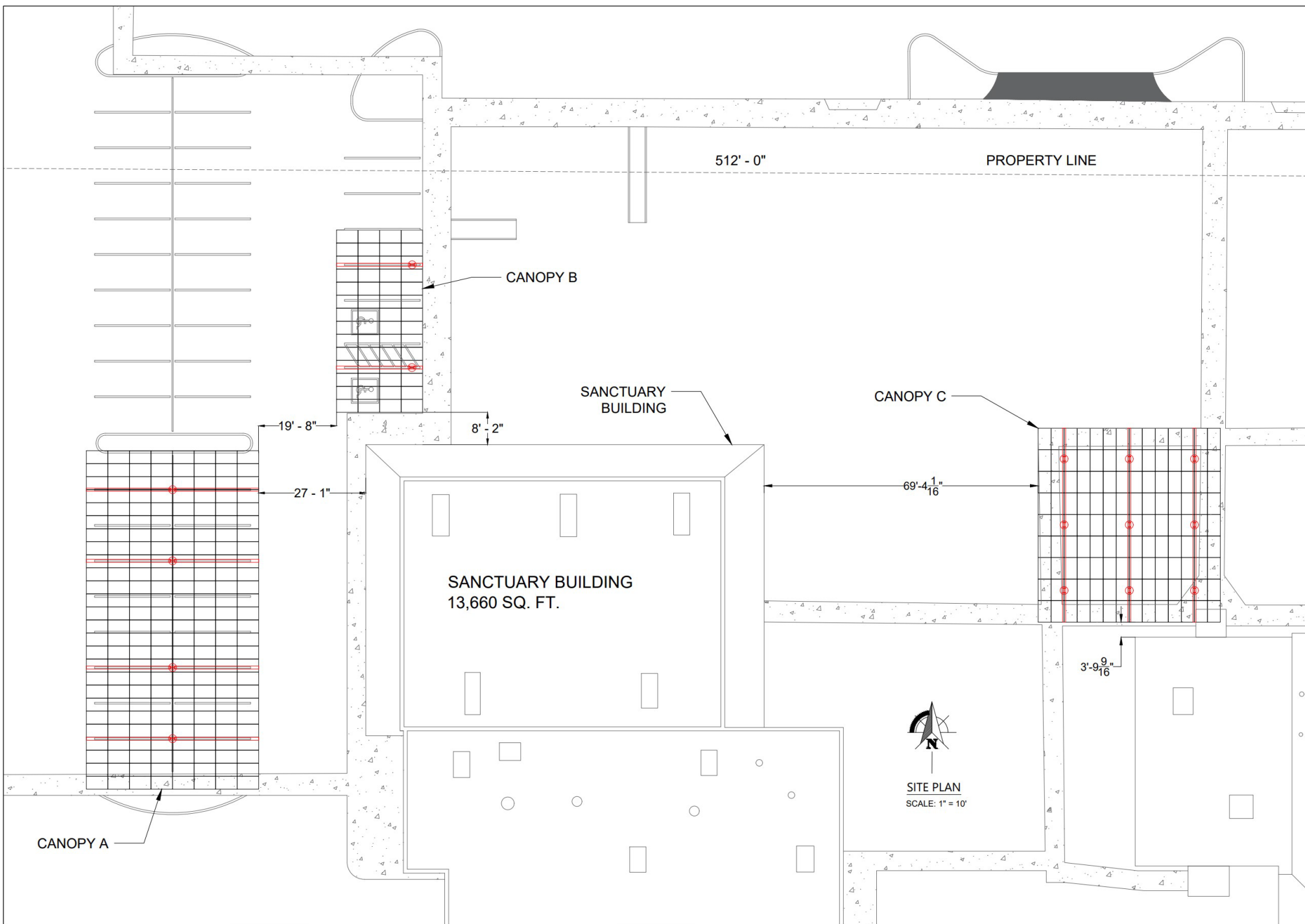
PROJECT DESCRIPTION  
ERECT SOLAR SHADE  
& PARKING CANOPIES

AHJ  
CITY OF GOODYEAR  
APN 500-04-013  
ZONING MF-24  
UTILITY APS

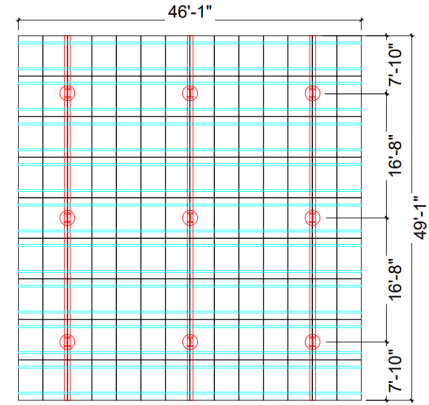
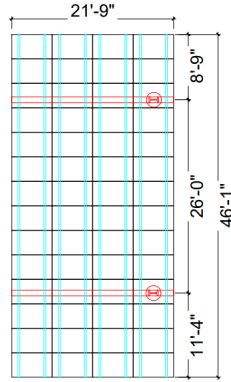
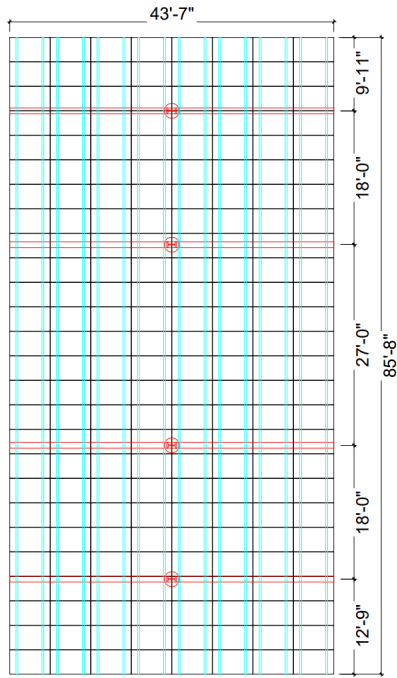
DESIGNER / DATE / REV  
SGH 3/9/2023 A

SHEET

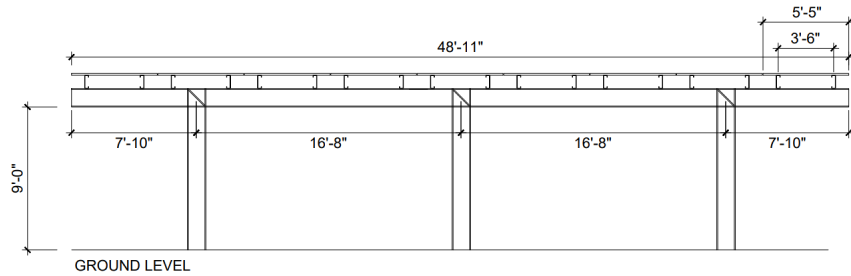
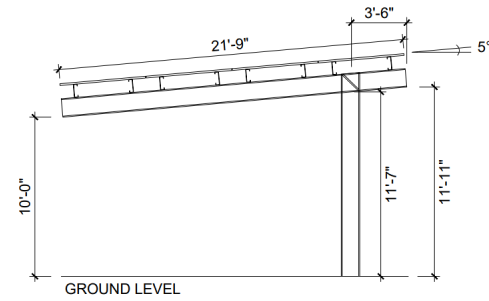
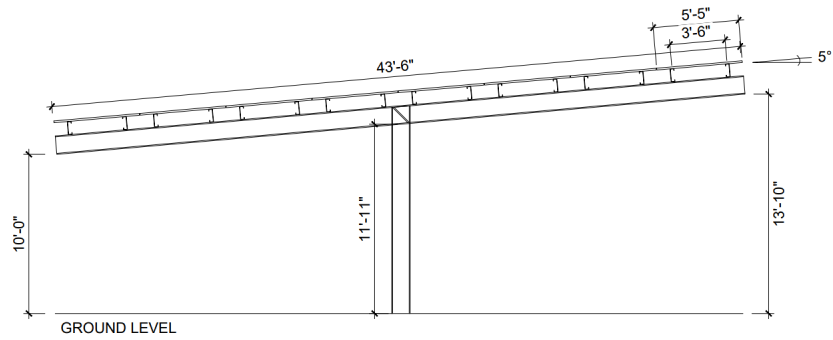
C2



SITE PLAN  
SCALE: 1" = 10'



1 CANOPY DIMENSIONS  
NTS



2 CANOPY ELEVATIONS  
NTS

FULCRUM  
STEEL



FULCRUM STEEL, LLC  
3700 N 36TH AVE  
PHOENIX, AZ 85019  
ROC #321245

CANOPY DETAILS & ELEVS

CHRIST EVANGELICAL LUTHERAN  
CHURCH  
918 S LITCHFIELD RD  
GOODYEAR, AZ 85338

PROJECT DESCRIPTION

ERECT SOLAR SHADE  
& PARKING CANOPIES

AHJ

CITY OF GOODYEAR

APN

500-04-013

ZONING

MF-24

UTILITY

APS

DESIGNER / DATE / REV

SGH 3/9/2023 A

SHEET

C3