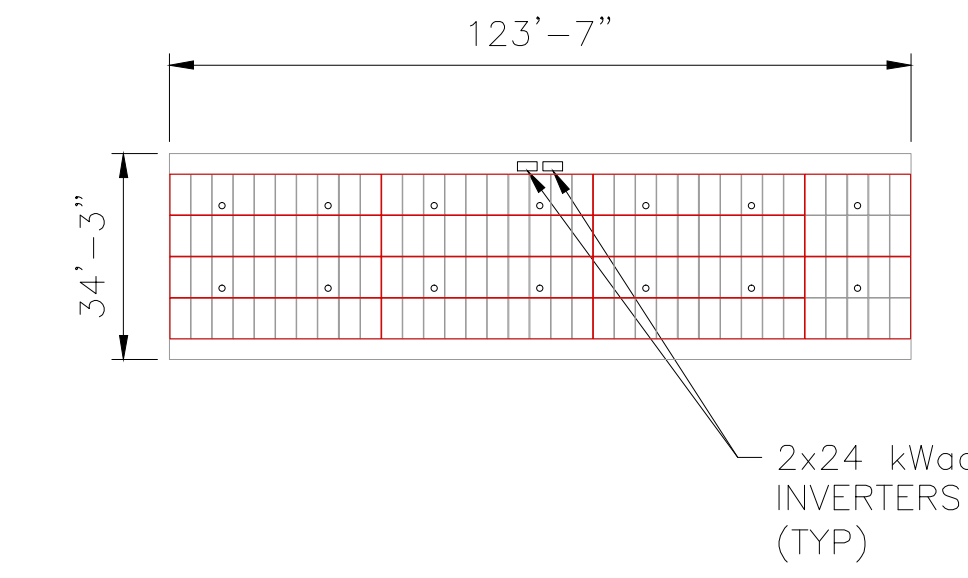




LATITUDE: 37.268147°
LONGITUDE: -121.860717°



② ENLARGED BB (TYP)
SCALE: 1/32" = 1'-0"

BBs SUMMARY:	
- [34]	GFT-DG 7.5 BBs STANDARD

TABLE 1

Longitude: -121.860663, Latitude: 37.271304

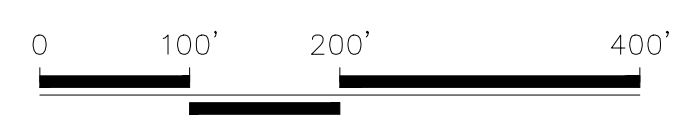
Total # of Results: 1

Result #1: **EVERGREEN 2105**

From layer: Larger Conductors (WireSize > 350 MCM)

Feeder Name	EVERGREEN 2105
Feeder Number	82012105
Nominal Circuit Voltage (kv)	21
Circuit Capacity (MW)	20.69
Circuit Projected Peak Load (MW)	15.44
Substation Bank	3
Substation Bank Capacity (MW)	42
Substation Bank Peak Load (MW)	33.1
Existing Distributed Generation (MW)	0.1175
Queued Distributed Generation (MW)	0
Total Distributed Generation (MW)	0.1175

① ARRAY LAYOUT
SCALE: 1/128" = 1'-0"



NOTES:

- THIS DESIGN ASSUMES THAT THE SITE WILL BE GRADED AND OTHERWISE PREPARED AS REQUIRED TO MEET ALL TOLERANCES OF THE PROPOSED ARRAY (EW SLOPE <10%). REQUIRED GRADING IS NOT SHOWN ON THIS PLAN
- 85 MPH WIND ZONE, EXPOSURE C, 0 PSF SNOW LOAD, 158 FT SITE ELEVATION
- ASSUMED CORROSION CATEGORY 2
- TOPO-MAP PROVIDED WITH 1' INTERVAL; ARRAY SHOWN ON AERIAL IMAGE
- ALL TREES WITHIN ARRAY BOUNDARY, AND THOSE WHICH WILL SHADE THE ARRAY, NEED TO BE REMOVED PRIOR TO INSTALLATION
- POINT OF INTERCONNECTION TBD

PROPOSED SYSTEM SPECIFICATIONS:

2,070.60 kWp ≈ 1.63 MWac
(4,760) HIGH EFF. (435W) MODULES
10 MODULES/STRING, 476 STRINGS
476 PIERS, 68-24kWac INVERTERS
GCR=0.8, 7.5° TILT, 12 PANELBOARDS
AZIMUTH ANGLE: 0°

NOTE: THE PROPOSED ARRAY LAYOUT SHOWN IS DESIGNED TO FIT EXISTING CONDITIONS AS THEY ARE DESCRIBED ON THIS DRAWING. kWp AND MODULE QUANTITY, TYPE AND LAYOUT ARE SUBJECT TO CHANGE BASED ON SUNPOWER VERIFICATION OF ACTUAL SITE CONDITIONS, AS WELL AS ON MODULE AVAILABILITY AT THE DATE OF ORDER.

SUNPOWER

1414 HARBOUR WAY SOUTH
RICHMOND, CA 94804 USA
(510) 540-0550

COUNTY OF SANTA CLARA
GUADALUPE PARKWAY

ENGINEER'S STAMP

783 AMANDA DRIVE
SAN JOSE, CA 95136

GROUND FIX TILT
ARRAY LAYOUT

REV	DESIGN #	DATE	DB	CB	DESCRIPTION
A	D-0075561	05-05-14	PF	JC	PROPOSAL
B	D-0076591	7-18-14	RA	WY	USED OASIS DG
C	D-0076790	09-02-14	ZZ	WY	PARCEL NUMBERS AND PG&E FEEDER ADDED
D	D-0076816	09-05-14	ZZ	WY	POI CHANGED
E	D-0077128	12-02-14	PF	ZZ	ADDITION OF SITE TOPO MAP
F	D-0077128.1	12-03-14	PF	AY	ARRAY LAYOUT REVISION
G	D-0077191	12-10-14	ZZ	AY	MODULES=PORTRAIT, 7 STINGS/INVERTER
H	D-0077256	12-22-14	PF	EH	ADDITIONAL INFORMATION, SHADING ANALYSIS

OPPORTUNITY

825713

PROJECT

DATE DRAWN

05-05-14

DRAWN BY

PF

IF BAR IS NOT ONE INCH, DRAWING IS NOT TO SCALE

1

12/22/2014 3:54 PM

825713_AL_GUADALUPE_GFT-DG-7.5_24KW INVERTER_PORTRAIT_G.DWG