

DESIGN SPECIFICATION	
RISK CATEGORY:	II
CONSTRUCTION:	SFD
ZONING:	RESIDENTIAL
SNOW LOAD (ASCE 7-16):	0
EXPOSURE CATEGORY:	C
WIND SPEED (ASCE 7-16):	91 MPH

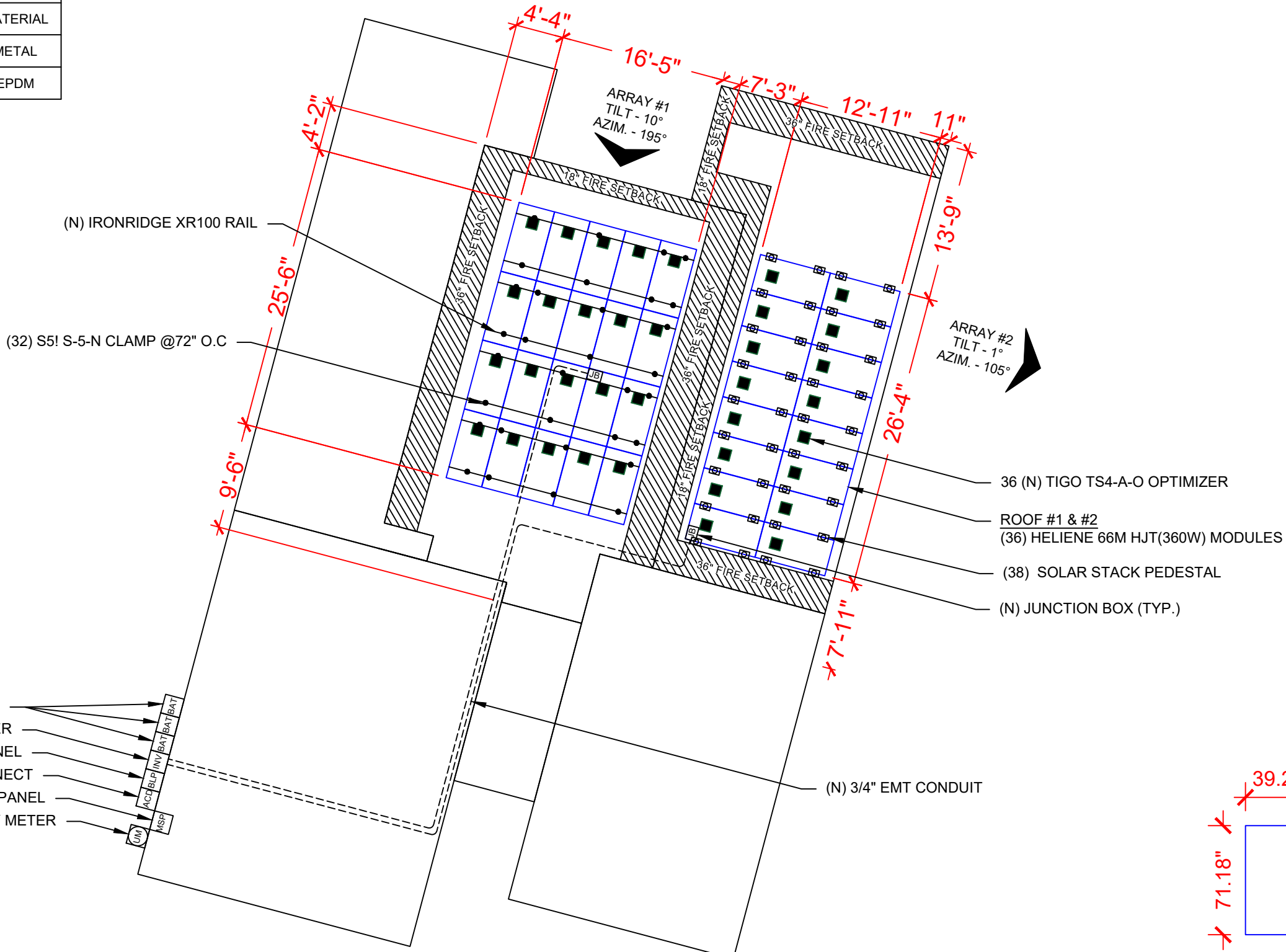
MODULE TYPE, DIMENSIONS & WEIGHT	
NUMBER OF MODULES:	36 MODULES
MODULE TYPE:	HELIENE 66M HJT(360W)
MODULE WEIGHT:	44.90 LBS
MODULE DIMENSIONS:	71.18" x 39.29" = 19.42SF
UNIT WEIGHT OF AREA:	2.31 PSF

ROOF DESCRIPTION					
ROOF	ROOF TILT	AZIMUTH	RAFTER SIZE	RAFTER SPACING	ROOF MATERIAL
#1	10°	195°	2"X6"	24" o.c.	FLAT TILE
#2	1°	105°	2"X6"	24" o.c.	FLAT TILE

ARRAY AREA & ROOF AREA CALC'S				
ROOF	# OF MODU LES	ARRAY AREA (Sq. Ft.)	ROOF AREA (Sq. Ft.)	ROOF AREA COVERED BY ARRAY (%)
#1	20	419.61	886.52	47
#2	16	340.69	746.30	46
TOTAL ROOF AREA COVER BY ARRAY AREA(%)		760.3	3804.81	20

ROOF DESCRIPTION					
ROOF	ROOF TILT	AZIMUTH	RAFTER SIZE	RAFTER SPACING	ROOF MATERIAL
#1	10°	195°	2"X6"	24" o.c.	SEAM METAL
#2	1°	105°	2"X6"	24" o.c.	GRAY EPDM

LEGEND	
[JB]	- JUNCTION BOX
[INV]	- INVERTER
[ACD]	- NON FUSED AC DISCONNECT
[MSP]	- MAIN SERVICE PANEL
[UM]	- UTILITY METER
[BLP]	- BACKUP LOAD PANEL
[BAT]	- BATTERY
○	- VENT, ATTIC FAN (ROOF OBSTRUCTION)
●	- ROOF ATTACHMENT
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SYSTEM INFO.		
(36)HELIENE 66M HJT(360W)		
(01) SOL-ARK-12K-P (240V)		
DC SYSTEM SIZE: 12.96 KWDC		
AC SYSTEM SIZE: 12.00 KWAC		
REVISIONS		
DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME & ADDRESS
CARY WHITE RESIDENCE
 283 CECILIA WAY
 BELVEDERE TIBURON, CA 94920
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 Email: carywhite@live.com

DATE: 03/10/2023
SHEET NAME ARRAY PLAN & MODULES
SHEET SIZE ANSI B 11" X 17"
SHEET NUMBER PV-2

