

SITE SPECIFIC SAFETY PLAN CHECKLIST		Abbr.
	Inspect entire jobsite for hazards	H
	Draw Sunrun vehicle locations on planset	SV
	Label Operations Safety Manual Location	OSM
	Label fire extinguisher location	FE
	Label first aid kit location	FA
	Label eye wash bottle location	EW
	Label drinking water location	DW
	Draw hard hat zone around house	HHZ
	Draw fall protection anchor locations	X
	Draw ladder & roof access points	L
	Draw electrical hazard areas	EH
	Draw water & trip hazard locations	


Daily weather forecast & HIPP measures:

Foreman conducts daily safety briefing and reviews this checklist with crew. Sign and date:

Crew signatures:


Safety Contact:	
Medical Clinic:	
Nearest Hospital:	
Restroom Location:	
Water Replenishment:	
Water Replenished by:	

SOPs



Note: For jobs that last longer than one day, conduct a safety briefing at the start of each day and initial this plan next to your signature.

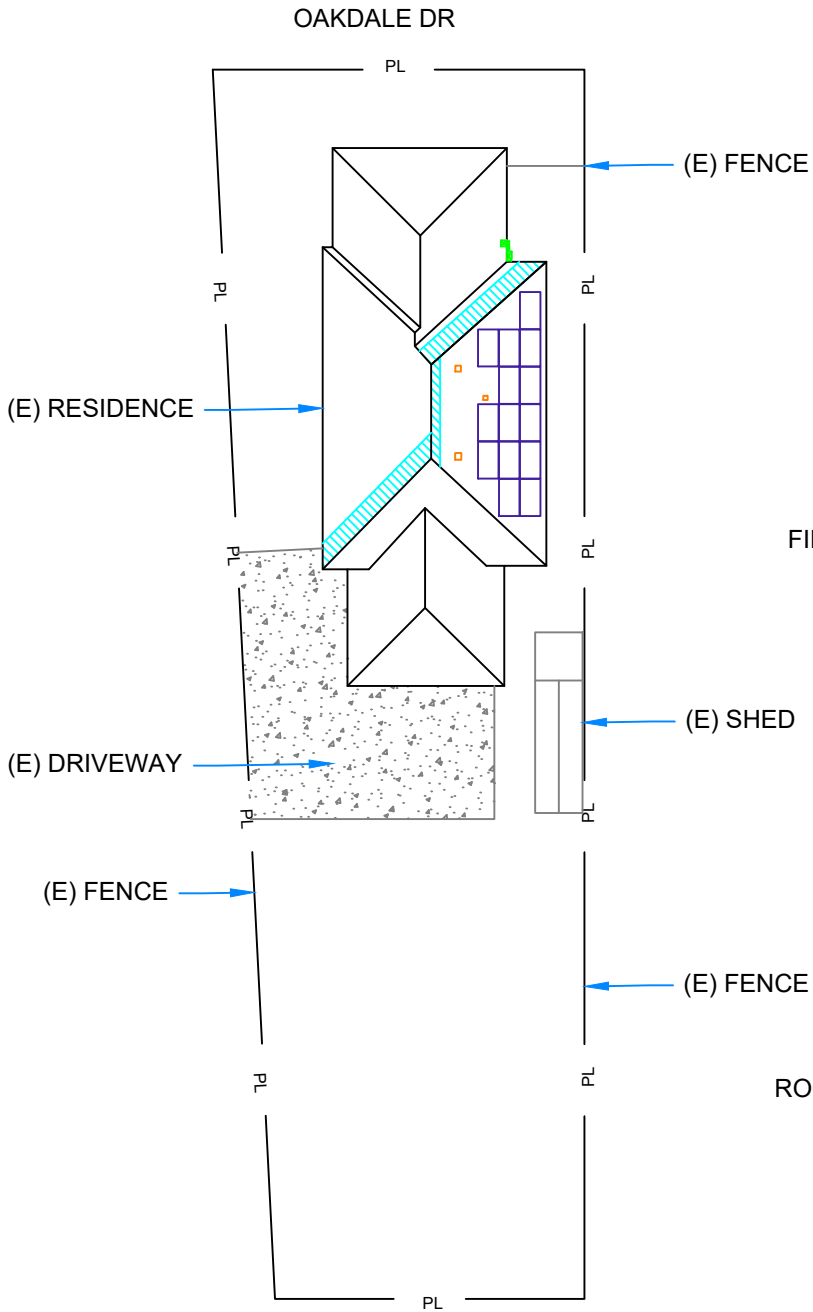
Design Feedback



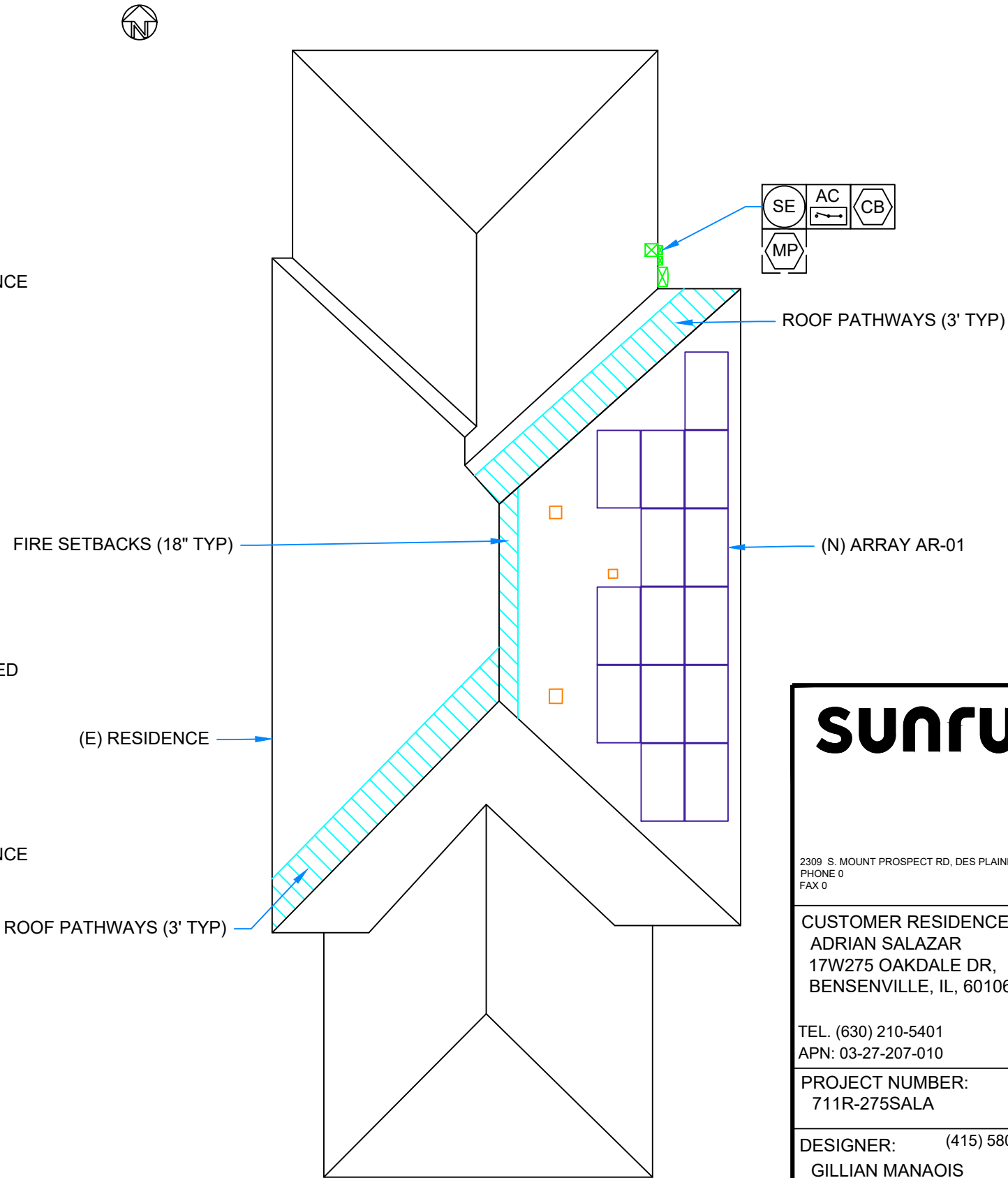
Customer Signature:

X **APPROVAL:** I have reviewed the solar design and approve of the placement of solar panels and equipment identified on this page. I have added my initials next to the equipment locations and signed this document to note my agreement with the layout of the system.

SITE PLAN DETAIL - SCALE = 1/32" = 1'-0"



SITE PLAN - SCALE = 3/32" = 1'-0"



**SUNRUN**

2309 S. MOUNT PROSPECT RD, DES PLAINES, IL 60018  
PHONE 0  
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CUSTOMER RESIDENCE:

ADRIAN SALAZAR  
17W275 OAKDALE DR,  
BENSENVILLE, IL, 60106

TEL. (630) 210-5401  
APN: 03-27-207-010

PROJECT NUMBER:

711R-275SALA

DESIGNER:

(415) 580-6920 ex3  
GILLIAN MANAOIS

SHEET

**SAFETY PLAN**

REV: B

12/9/2022

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JURISDICTION			IL-COUNTY DUPAGE		
ELECTRICAL SOW					
MAIN PANEL UPGRADE	No	----			
MAIN PANEL REPLACEMENT	No	----			
METER ADAPTER	No	----			
SERVICE REFEED	Yes	Code Violations - Conductors undersized for 200 amp service refeed with 3/0 CU or 4/0 AL			
NEW SUB-PANEL	No				
INTERCONNECTION	Supply Side Tap: Meter Conductors				
DESIGNER NOTES - ELECTRICAL	IC: SST in Meter Conductor CB & AC Disconnect are located on the left side of meter  NOTE: The following stringing details are only valid for Hanwha Q-Cells: Q.PEAK DUO BLK ML-G10+ 400 - Enphase Energy: IQ8PLUS-72-2-US: Max Branch Size: 13; - Modules within branch are not required to be at the same orientation and pitch				
ROOF SOW					
RELOCATE VENT	No				
RELOCATE SATELLITE DISH	No				
DORMER REPLACED W/ FLUSH VENT	No				
DESIGNER NOTES - ROOF	Roof in good condition				
STRUCTURAL SOW					
SISTERING	No	----			
DESIGNER NOTES - STRUCTURAL	Structure in good condition				
OTHER SOW					
TRENCHING	No	----			
ANIMAL DETERRENT SYSTEM	No	----			
DESIGNER NOTES - MISC.	----				
AHJ ELECTRICAL REQ					
GROUND ROD	No	----			
EXTERNAL GEC	No	----			
VISIBLE BLADE AC DISCO	No	----			
WIRE SIZE REQUIREMENTS	No	----			
UTILITY REQ					
EQUIPMENT ORDER	----				
PRODUCTION METER	No	----			
WIRE SIZING REQUIREMENTS	No	----			
UTILITY CUSTOM GUIDELINES	----				
OTHER REQ					
AHJ COVER FLUSH VENTS	No	----			
AHJ COVER PVC VENTS	----	----			
UNPERMITTED	No	----			
PLACARDS	No	----			
AHJ CUSTOM GUIDELINES	----				
INSPECTION GUIDELINES	----				
PERMITTING GUIDELINES	----				

UTILITY		ComEd		BRANCH		IL Chicago	
ADDITIONAL INFORMATION							
SYSTEM SIZE		5600W DC, 4060W AC		BACKFEED		25 AMPS	
MODULES		(14) HANWHA Q-CELLS: Q.PEAK DUO BLK ML-G10+ 400		MAIN MANUFACTURER		Cutler Hammer	
MODULE DIMS		73.98" x 41.14" x 1.26" (33mm)		RSD		----	
INVERTER(S)		(14) ENPHASE ENERGY: IQ8PLUS-72-2-US Inv 2 (when applicable): ---- Inv 3 (when applicable): ----		ENERGY STORAGE		(----) ----	
NOTES TO INSTALLER		NOTES TO INSTALLER: • CONNECT SYSTEM VIA INSULATION PIERCING ON SUPPLY SIDE CONDUCTORS IN UTILITY METER ENCLOSURE. CONDUCTORS ARE FIELD INSTALLED.					

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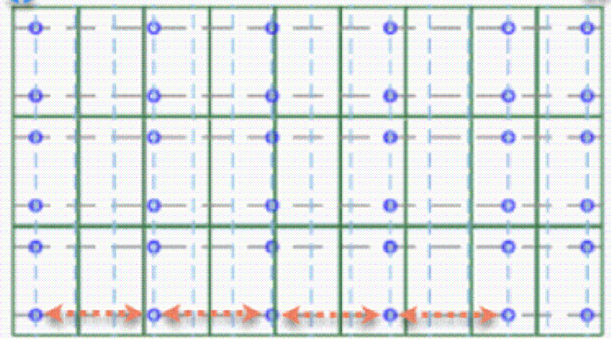
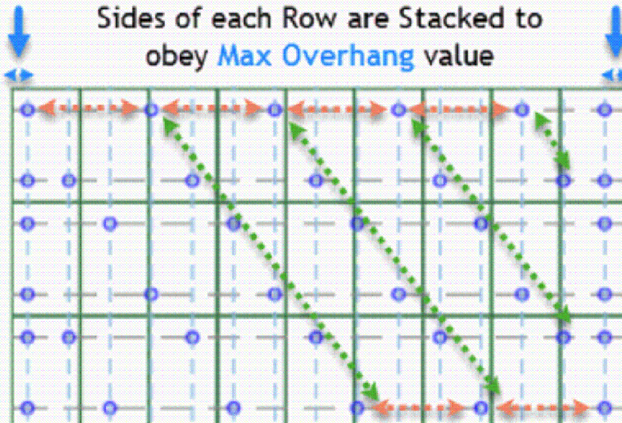
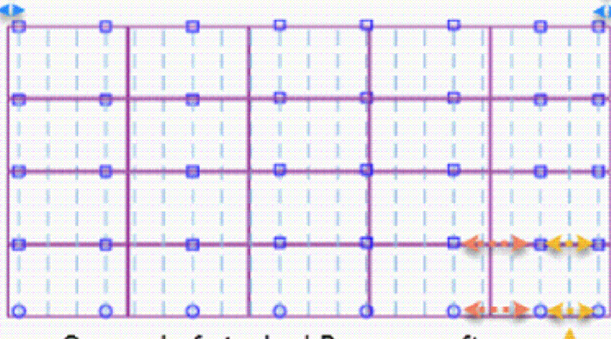
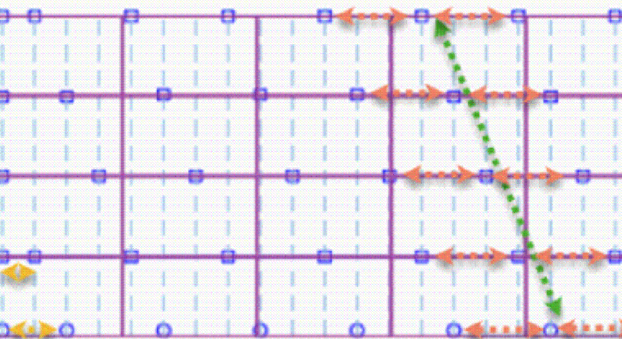
CUSTOMER RESIDENCE:  
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TEL. (630) 210-5401  
APN: 03-27-207-010  
PROJECT NUMBER:  
711R-275SALA  
DESIGNER: (415) 580-6920 ex3  
GILLIAN MANAOIS  
SHEET  
REQUIREMENTS  
REV: B 12/9/2022  
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STRUCTURAL SPECIFICATIONS

Structural Information					
SYSTEM SIZE	5600W DC, 4060W AC	RACKING	SNAPNRACK RLU; RL UNIVERSAL, SPEEDSEAL TRACK ON COMP, SEE DETAIL SNR-DC-00436		
MODULES	(14) HANWHA Q-CELLS: Q.PEAK DUO BLK ML-G10+ 400				
MODULE DIMS	73.98" x 41.14" x 1.26" (33mm)	ROOF TYPE	COMP SHINGLE - RLU		
MODULE CLAMPS	Portrait: 60, Landscape: 011-06607-ITC26	FRAME TYPE	2X6 RAFTERS		
MAX ROOF HEIGHT	1 STORIES	OC SPACING	16" OC		
LAG LENGTH	5/16"x 5.5": 2.5" MIN EMBEDMENT	COLUMN SPACING	0.75"	ROW SPACING	0.75"
Structural SOW					
SISTERING	No ----				
DESIGNER NOTES	Structure in good condition				

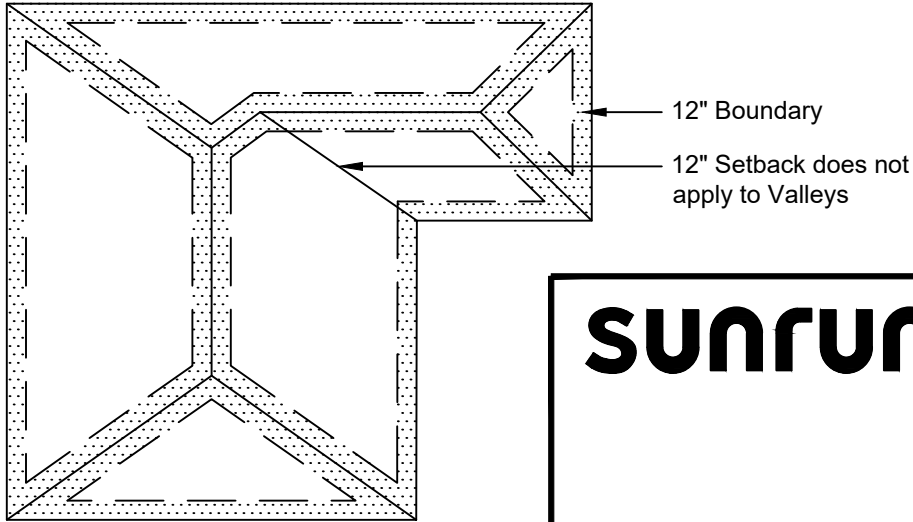
ATTACHMENT SPECIFICATIONS									
Array	Landscape				Portrait				Layout
Name	Max OC Spacing	Max Overhang	*Reduced Max OC Spacing	*Reduced Max Overhang	Max OC Spacing	Max Overhang	*Reduced Max OC Spacing	*Reduced Max Overhang	Configuration
AR-01	5' - 4"	2' - 1"	2'-6"	1'-0"	4' - 0"	1' - 9"	2'-0"	0'-10"	STAGGERED
*Reduced maximum spacings and overhangs apply only within the roof edge boundary regions (see sample illustration below).									

Racking Type	Stacked All Non-snow & Non-high Wind Regions (exception: Standing Seam is always staggered)	Staggered All Regions if Snow>10 PSF or Wind>150 mph
Railed	<p>Sides of each Row are Stacked to obey <b>Max Overhang</b> value</p>  <p>Penetration Spacing must land on structural members and be &lt;= the <b>Max Rail Span</b> value</p>	<p>Sides of each Row are Stacked to obey <b>Max Overhang</b> value</p>  <p>Start in one corner with first <b>Max Rail Span</b> and stagger penetrations <b>diagonally</b> onto every structural member</p>
Rail-Less (RL)	<p>Sides of each Row are Stacked to obey <b>Max Overhang</b> value</p>  <p>One end of stacked Rows are often <b>less than</b> the <b>Max Rail Span</b> value</p>	<p>Subsequent penetrations are spaced from the <b>diagonal penetrations</b> to complete a Staggered Pattern</p>  <p>Ends of Staggered Rows are often <b>less than</b> the <b>Max Rail Span</b> value</p>

PITCHED/SLOPED ROOFS - REDUCED SPACING AND OVERHANG DETAIL FOR 12" BOUNDARY REGION

**NOTE:** If array (excluding skirt) is within 12" boundary region of any roof plane edges (except valleys), then attachments need to be added and overhang reduced within the 12" boundary region only as follows:

- Allowable attachment spacing indicated on plans to be reduced by 50% (refer to table above)
- Allowable overhang indicated on plans to be 1/5th of allowable attachment spacing indicated on plans (refer to table above)

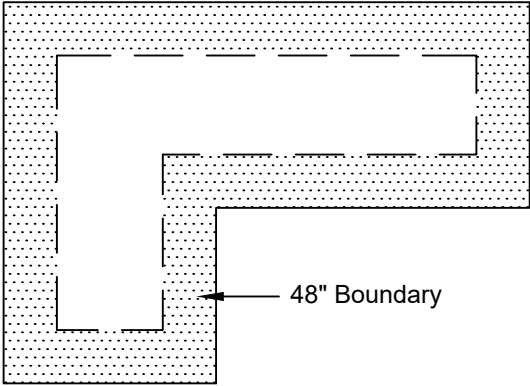


**SUNRUN**

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FLAT ROOFS - REDUCED SPACING AND OVERHANG DETAIL FOR 48" BOUNDARY REGION

- Allowable attachment spacing indicated on plans to be reduced by 50% (refer to table above)
- Allowable overhang indicated on plans to be 1/5th of allowable attachment spacing indicated on plans (refer to table above)



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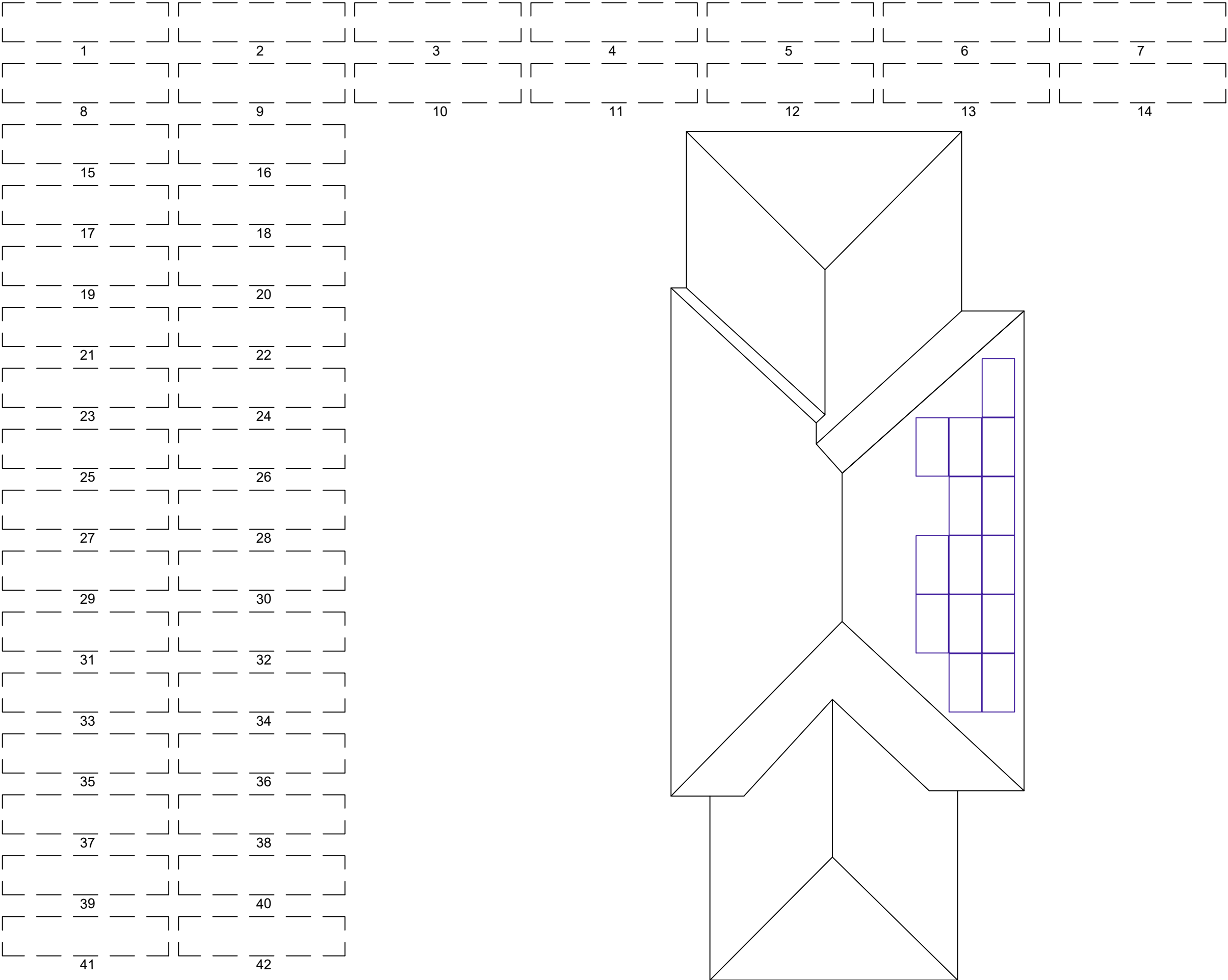
DESIGNER: (415) 580-6920 ex3  
GILLIAN MANAOIS

SHEET  
STRUC. REQS.

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	ARRAY PITCH	TRUE AZIM	MAG AZIM	PV AREA (SQFT)
AR-01	22°	90°	93°	295.9

Mapping Instructions:

1. Remove the Enphase sticker and place neatly on the appropriate numbered space.
2. Write the corresponding number on the appropriate panel within the array.

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SHEET  
MLPE MAP

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SCOPE OF WORK

- **SYSTEM SIZE:** 5600W DC, 4060W AC
- **MODULES:** (14) HANWHA Q-CELLS: Q.PEAK DUO BLK ML-G10+ 400
- **INVERTER(S):** (14) ENPHASE ENERGY: IQ8PLUS-72-2-US
- **RACKING:** SNAPNRACK RLU; RL UNIVERSAL, SPEEDSEAL TRACK ON COMP, SEE DETAIL SNR-DC-00436

- SERVICE ENTRANCE CONDUCTORS TO BE REPLACED.

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH 2021 IRC/IBC/IEBC, MUNICIPAL CODE, AND ALL MANUFACTURERS' LISTINGS AND INSTALLATION INSTRUCTIONS.
- PHOTOVOLTAIC SYSTEM WILL COMPLY WITH NEC 2020.

- ELECTRICAL SYSTEM GROUNDING WILL COMPLY WITH NEC 2020.

- PHOTOVOLTAIC SYSTEM IS UNGROUNDED. NO CONDUCTORS ARE SOLIDLY GROUNDED IN THE INVERTER. SYSTEM COMPLIES WITH 690.35.

- MODULES CONFORM TO AND ARE LISTED UNDER UL 1703.

- INVERTER CONFORMS TO AND IS LISTED UNDER UL 1741.

- RACKING CONFORMS TO AND IS LISTED UNDER UL 2703.

- SNAPNRACK RACKING SYSTEMS, IN COMBINATION WITH TYPE I, OR TYPE II MODULES, ARE CLASS A FIRE RATED.

- RAPID SHUTDOWN REQUIREMENTS MET WHEN INVERTERS AND ALL CONDUCTORS ARE WITHIN ARRAY BOUNDARIES PER NEC 690.12(1).

- CONSTRUCTION FOREMAN TO PLACE CONDUIT RUN PER 690.31(G).

- ARRAY DC CONDUCTORS ARE SIZED FOR DERATED CURRENT.

- 11.14 AMPS MODULE SHORT CIRCUIT CURRENT.

- 17.4 AMPS DERATED SHORT CIRCUIT CURRENT [690.8 (A) & 690.8 (B)].

B

VICINITY MAP

LEGEND AND ABBREVIATIONS

SE

SERVICE ENTRANCE

MP

MAIN PANEL

SP

SUB-PANEL

LC

PV LOAD CENTER

SM

SUNRUN METER

PM

DEDICATED PV METER

INV

INVERTER(S)

AC

AC DISCONNECT(S)

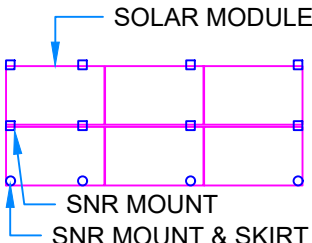
DC

DC DISCONNECT(S)

CB

IQ COMBINER BOX

INTERIOR EQUIPMENT SHOWN AS DASHED



CHIMNEY

ATTIC VENT

FLUSH ATTIC VENT

PVC PIPE VENT

METAL PIPE VENT

T-VENT

SATELLITE DISH

FIRE SETBACKS

HARDSCAPE

— PL —PROPERTY LINE

SCALE: NTS

A

AMPERE

AC

ALTERNATING CURRENT

AFCI

ARC FAULT CIRCUIT INTERRUPTER

AZIM

AZIMUTH

COMP

COMPOSITION

DC

DIRECT CURRENT

(E)

EXISTING

ESS

ENERGY STORAGE SYSTEM

EXT

EXTERIOR

INT

INTERIOR

MAG

MAGNETIC

MSP

MAIN SERVICE PANEL

(N)

NEW

NTS

NOT TO SCALE

OC

ON CENTER

PRE-FAB

PRE-FABRICATED

PSF

POUNDS PER SQUARE FOOT

PV

PHOTOVOLTAIC

RSD

RAPID SHUTDOWN DEVICE

TL

TRANSFORMERLESS

TYP

TYPICAL

V

VOLTS

W

WATTS

REV

NAMEDATECOMMENTS

B

TONY DANG12/9/2022MOD SWAP

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SIGNAGE

SUNRUN

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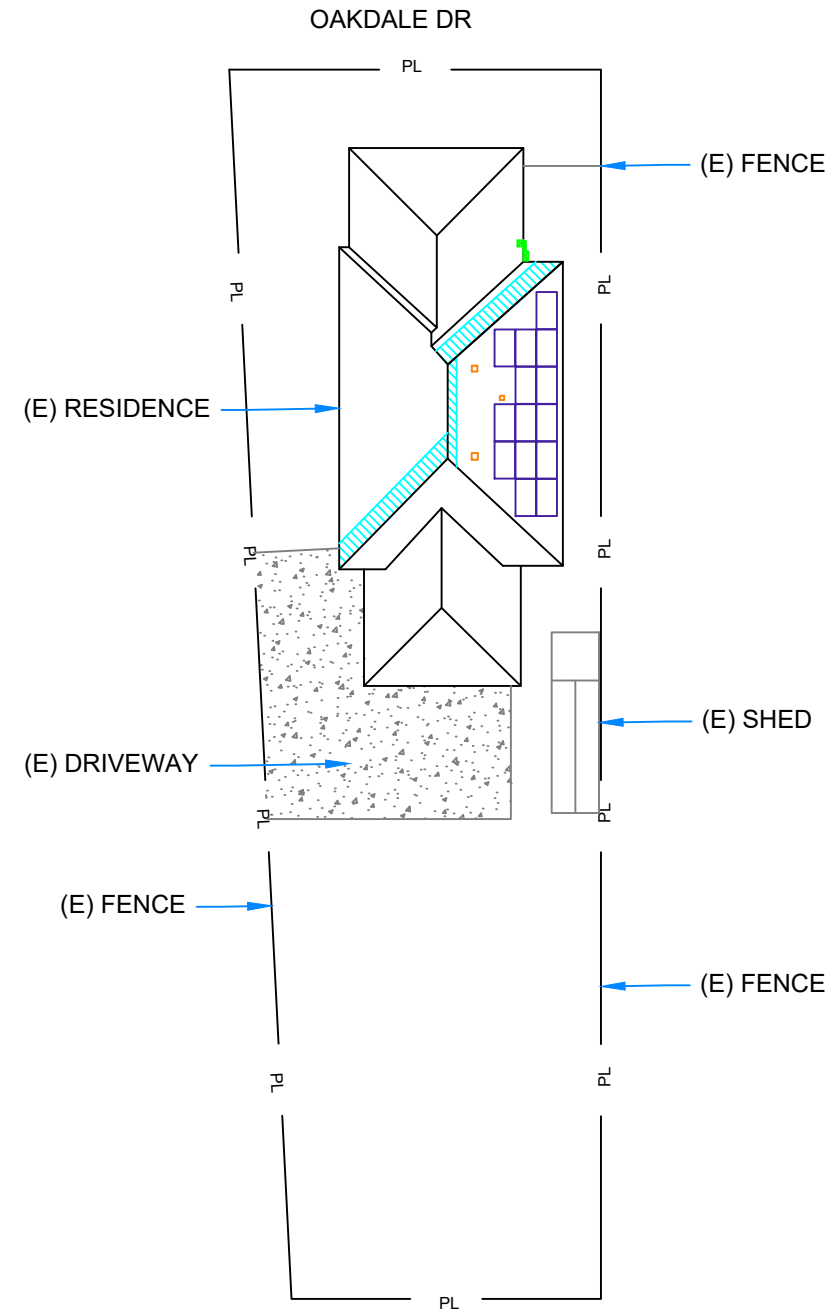
DESIGNER: (415) 580-6920 ex3  
GILLIAN MANAOIS

SHEET  
COVER SHEET

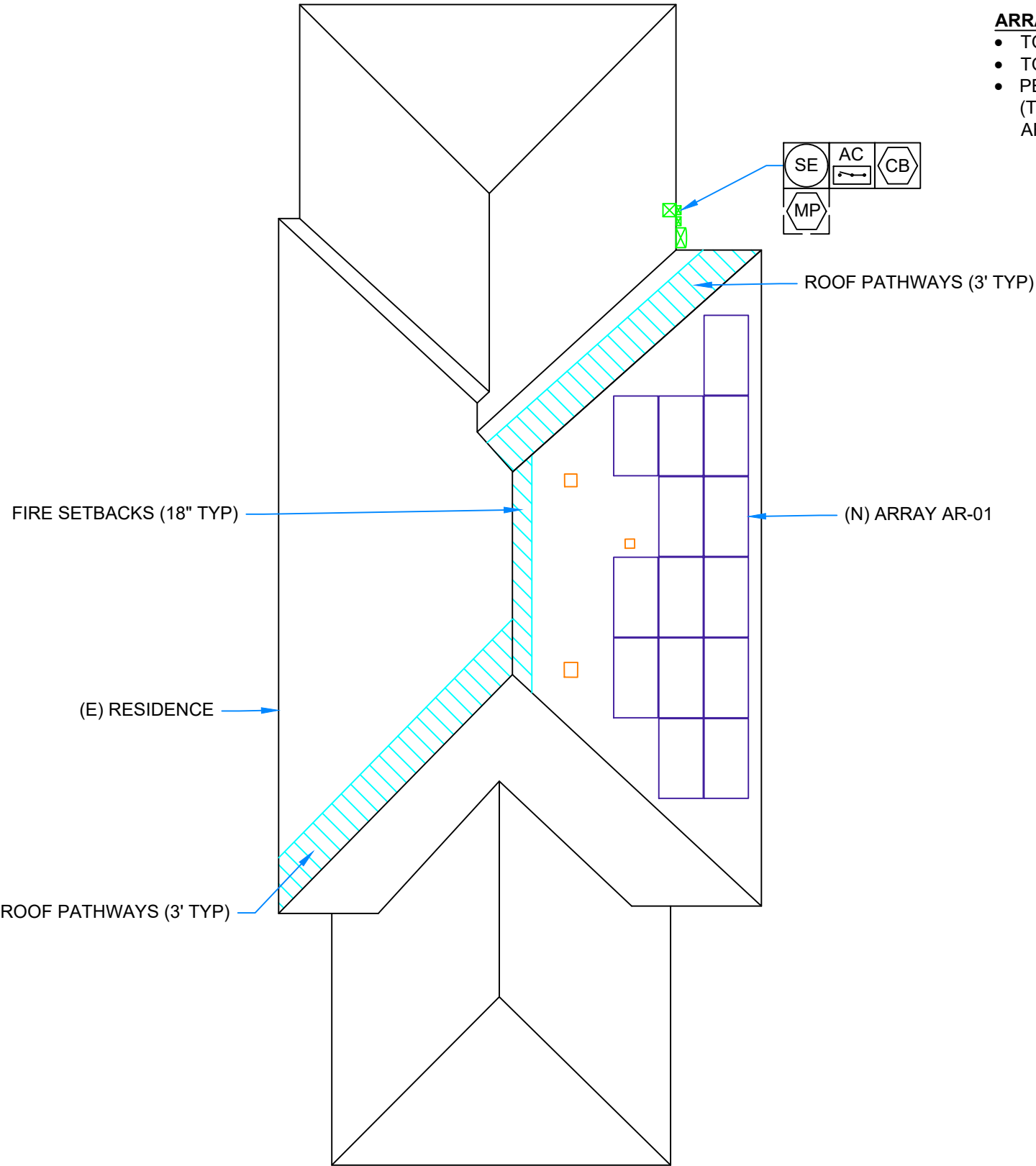
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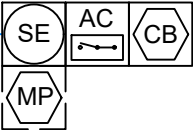
SITE PLAN DETAIL - SCALE = 1/32" = 1'-0"



SITE PLAN - SCALE = 3/32" = 1'-0"



- NOTES:**
- RESIDENCE DOES NOT CONTAIN ACTIVE FIRE SPRINKLERS.
- ARRAY DETAILS:**
- TOTAL ROOF SURFACE AREA: 3190 SQFT.
  - TOTAL PV ARRAY AREA: 295.9 SQ FT.
  - PERCENTAGE PV COVERAGE:  
(TOTAL PV ARRAY AREA/TOTAL ROOF SURFACE AREA) \* 100 = 9.3%



**NOTE:** MICRO-INVERTERS INSTALLED UNDER EACH MODULE

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SITE PLAN

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ROOF INFO			FRAMING INFO			ATTACHMENT INFORMATION						DESIGN CRITERIA
Name	Type	Height	Type	Max Span	OC Spacing	Detail	Max Landscape OC Spacing	Max Landscape Overhang	Max Portrait OC Spacing	Max Portrait Overhang	Configuration	<div><div><div>MAX DISTRIBUTED LOAD: 3 PSF</div><div>SNOW LOAD: 30 PSF</div><div>WIND SPEED: 107 MPH 3-SEC GUST.</div><div>S.S.LAG SCREWS: 5/16"x 5.5": 2.5" MIN EMBEDMENT</div><div>STRUCTURAL NOTES:<ul style="list-style-type: none"><li>INSTALLERS SHALL NOTIFY ENGINEER OF ANY POTENTIAL STRUCTURAL ISSUES OBSERVED PRIOR TO PROCEEDING W/ INSTALLATION.</li><li>IF ARRAY (EXCLUDING SKIRT) IS WITHIN 12" BOUNDARY REGION OF ANY ROOF PLANE EDGES (EXCEPT VALLEYS), THEN ATTACHMENTS NEED TO BE ADDED AND OVERHANG REDUCED WITHIN THE 12" BOUNDARY REGION ONLY AS FOLLOWS:<ul style="list-style-type: none"><li>ALLOWABLE ATTACHMENT SPACING INDICATED ON PLANS TO BE REDUCED BY 50%</li><li>ALLOWABLE OVERHANG INDICATED ON PLANS TO BE 1/5TH OF ALLOWABLE ATTACHMENT SPACING INDICATED ON PLANS</li></ul></li></ul></div></div></div>
AR-01	COMP SHINGLE - RLU	1-Story	2X6 RAFTERS	15' - 11"	16"	RL UNIVERSAL, SPEEDSEAL TRACK ON COMP, SEE DETAIL SNR-DC-00436	5' - 4"	2' - 1"	4' - 0"	1' - 9"	STAGGERED	

D1 - AR-01 - SCALE: 1/4" = 1'-0"

AZIM:90°

PITCH: 22°

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LAYOUT

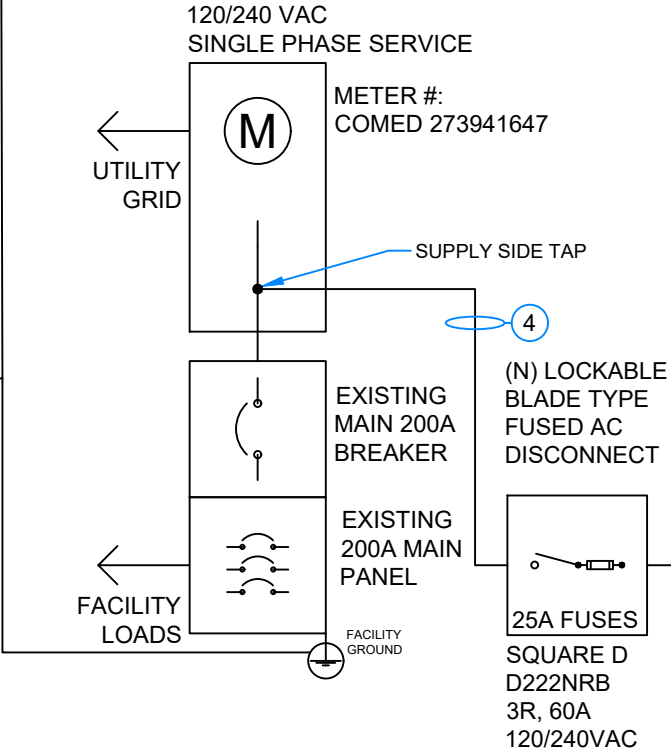
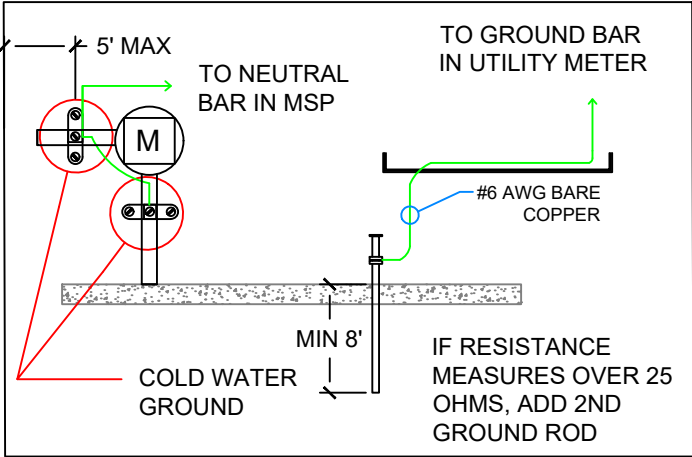
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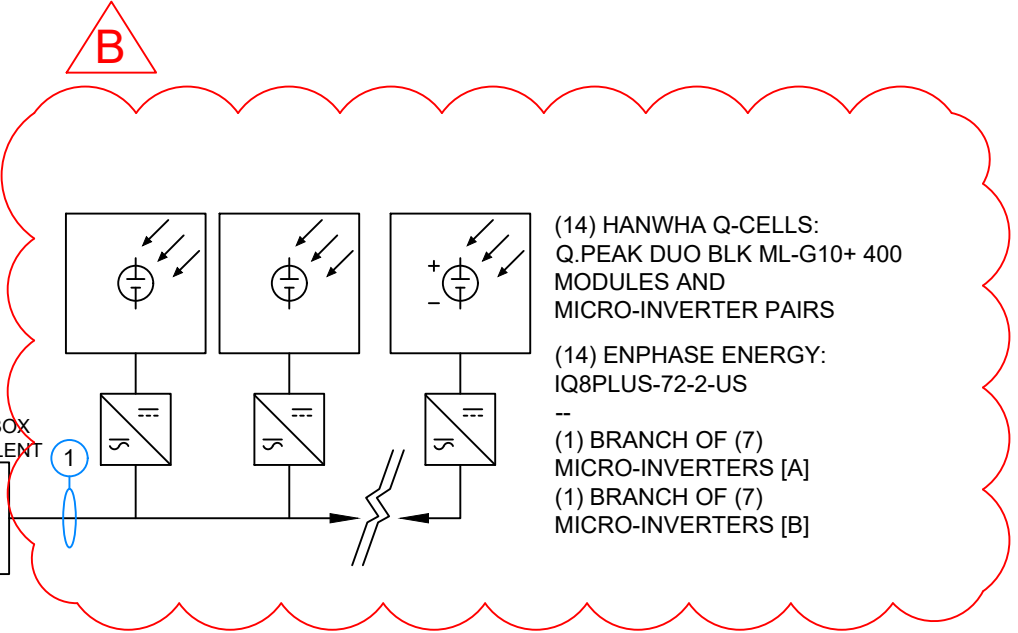
IL PV ONLY - GROUNDING DETAIL



(N) 125A ENPHASE IQ  
AC COMBINER BOX  
WITH INTEGRATED  
10A ENVOY BREAKER  
3CX-IQ-AM1-240-3C

20A BREAKER [A]  
20A BREAKER [B]

JUNCTION BOX  
OR EQUIVALENT



CONDUIT SCHEDULE

#	CONDUIT	CONDUCTOR	NEUTRAL	GROUND
1	NONE	(2) 12 AWG PER ENPHASE Q CABLE BRANCH	NONE	(1) 10 AWG BARE COPPER
2	3/4" IMC	(4) 10 AWG THHN/THWN-2	NONE	(1) 8 AWG THHN/THWN-2
3	3/4" IMC	(2) 10 AWG THHN/THWN-2	(1) 10 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2
4	3/4" IMC	(2) 6 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2

MODULE CHARACTERISTICS

HANWHA Q-CELLS: Q.PEAK DUO BLK  
ML-G10+ 400: 400 W  
OPEN CIRCUIT VOLTAGE: 45.3 V  
MAX POWER VOLTAGE: 37.13 V  
SHORT CIRCUIT CURRENT: 11.14 A

B

**SUNrun**

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ELECTRICAL

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PAGE  
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!

WARNING

ELECTRICAL SHOCK HAZARD

TERMINALS ON LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

LABEL LOCATION:  
INVERTER(S), AC/DC DISCONNECT(S),  
AC COMBINER PANEL (IF APPLICABLE).  
PER CODE(S): NEC 2020: 690.13(B)

!

WARNING

DUAL POWER SUPPLY

SOURCES: UTILITY GRID  
AND PV SOLAR ELECTRIC  
SYSTEM

LABEL LOCATION:  
UTILITY SERVICE METER AND MAIN  
SERVICE PANEL.  
PER CODE(S): NEC 2020: 705.12(C)

!

WARNING

POWER SOURCE OUTPUT CONNECTION

DO NOT RELOCATE THIS  
OVERCURRENT DEVICE

LABEL LOCATION:  
ADJACENT TO PV BREAKER AND ESS  
OCPD (IF APPLICABLE).  
PER CODE(S): NEC 2020:  
705.12(B)(3)(2)

!

WARNING

PHOTOVOLTAIC SYSTEM  
COMBINER PANEL

DO NOT ADD LOADS

LABEL LOCATION:  
PHOTOVOLTAIC AC COMBINER (IF  
APPLICABLE).  
PER CODE(S): NEC 2020: 705.12(D)(2)(3)(c)

PV SYSTEM DISCONNECT

MAXIMUM AC OPERATING CURRENT: 16.92 AMPS

NOMINAL OPERATING AC VOLTAGE: 240 VAC

LABEL LOCATION:  
AC DISCONNECT(S), PHOTOVOLTAIC SYSTEM POINT OF  
INTERCONNECTION.  
PER CODE(S): NEC 2020: 690.54

4"

3"

SOLAR PV SYSTEM EQUIPPED  
WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN  
SWITCH TO THE "OFF"  
POSITION TO SHUT DOWN  
PV SYSTEM AND REDUCE  
SHOCK HAZARD IN THE  
ARRAY.

SOLAR ELECTRIC  
PV PANELS

LABEL LOCATION:  
ON OR NO MORE THAT 1 M (3 FT) FROM THE SERVICE  
DISCONNECTING MEANS TO WHICH THE PV SYSTEMS  
ARE CONNECTED.  
PER CODE(S): NEC 2020: 690.56(C)

RAPID SHUTDOWN SWITCH  
FOR SOLAR PV SYSTEM

LABEL LOCATION:  
INSTALLED WITHIN 3' OF RAPID SHUT DOWN  
SWITCH PER CODE(S): NEC 2020: 690.56(C)(2), IFC  
2012: 605.11.1, IFC 2018: 1204.5.3

NOTES AND SPECIFICATIONS:

- SIGNS AND LABELS SHALL MEET THE REQUIREMENTS OF THE NEC 2020 ARTICLE 110.21(B), UNLESS SPECIFIC INSTRUCTIONS ARE REQUIRED BY SECTION 690, OR IF REQUESTED BY THE LOCAL AHJ.
- SIGNS AND LABELS SHALL ADEQUATELY WARN OF HAZARDS USING EFFECTIVE WORDS, COLORS AND SYMBOLS.
- LABELS SHALL BE PERMANENTLY AFFIXED TO THE EQUIPMENT OR WIRING METHOD AND SHALL NOT BE HAND WRITTEN.
- LABEL SHALL BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.
- SIGNS AND LABELS SHALL COMPLY WITH ANSI Z535.4-2011, PRODUCT SAFETY SIGNS AND LABELS, UNLESS OTHERWISE SPECIFIED.
- DO NOT COVER EXISTING MANUFACTURER LABELS.

CAUTION:

MULTIPLE SOURCES OF POWER

SOLAR PANELS AND  
MICROINVERTERS ON ROOF

IQ COMBINER BOX (EXT)

MAIN PANEL (INT)

SERVICE  
ENTRANCE

AC DISCONNECT

17W275 OAKDALE DR, BENSENVILLE, IL, 60106

PER CODE(S): NEC 2020 : 705.10, 710.10

sunrun

2309 S. MOUNT PROSPECT RD, DES PLAINES, IL 60018

PHONE 0

FAX 0

CUSTOMER RESIDENCE:

ADRIAN SALAZAR

17W275 OAKDALE DR,

BENSENVILLE, IL, 60106

TEL. (630) 210-5401

APN: 03-27-207-010

PROJECT NUMBER:

711R-275SALA

DESIGNER:

(415) 580-6920 ex3

GILLIAN MANAOIS

SHEET

SIGNAGE

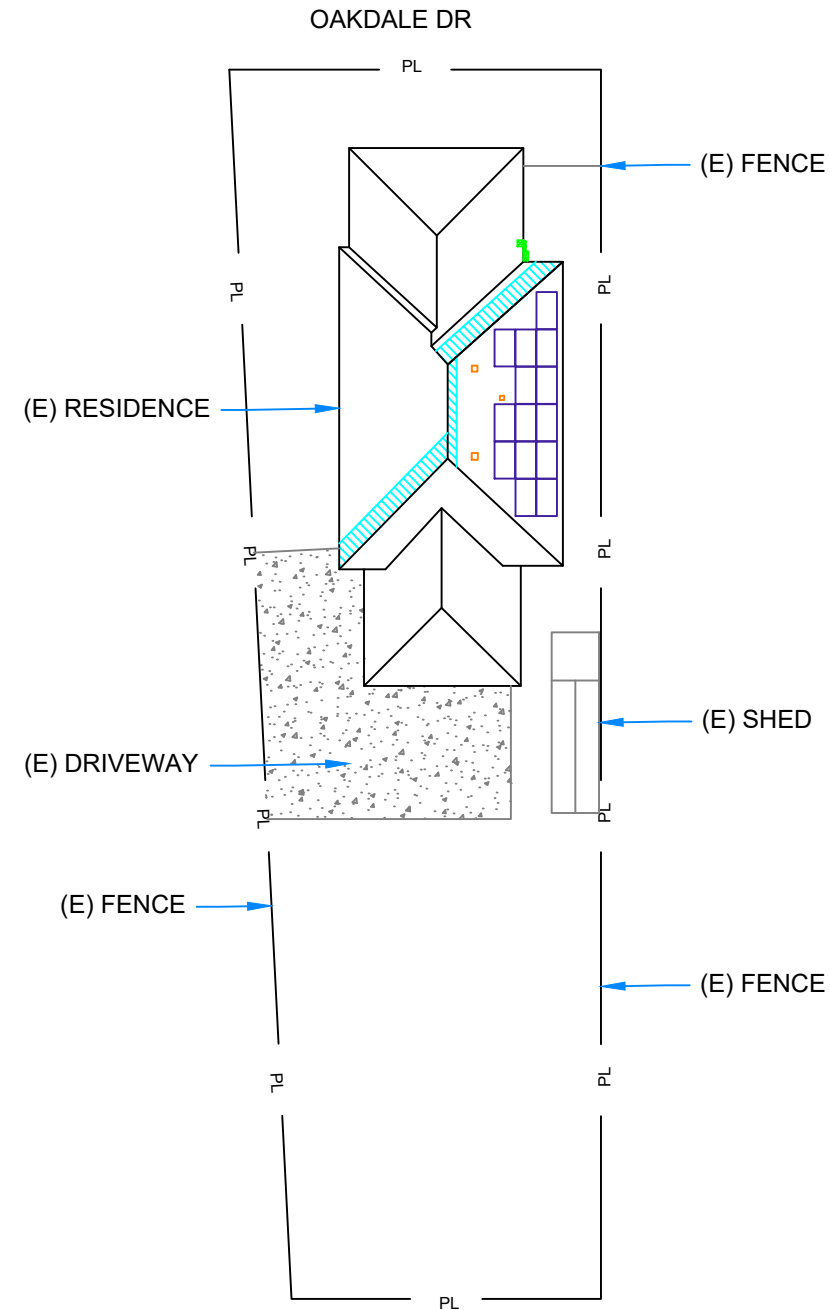
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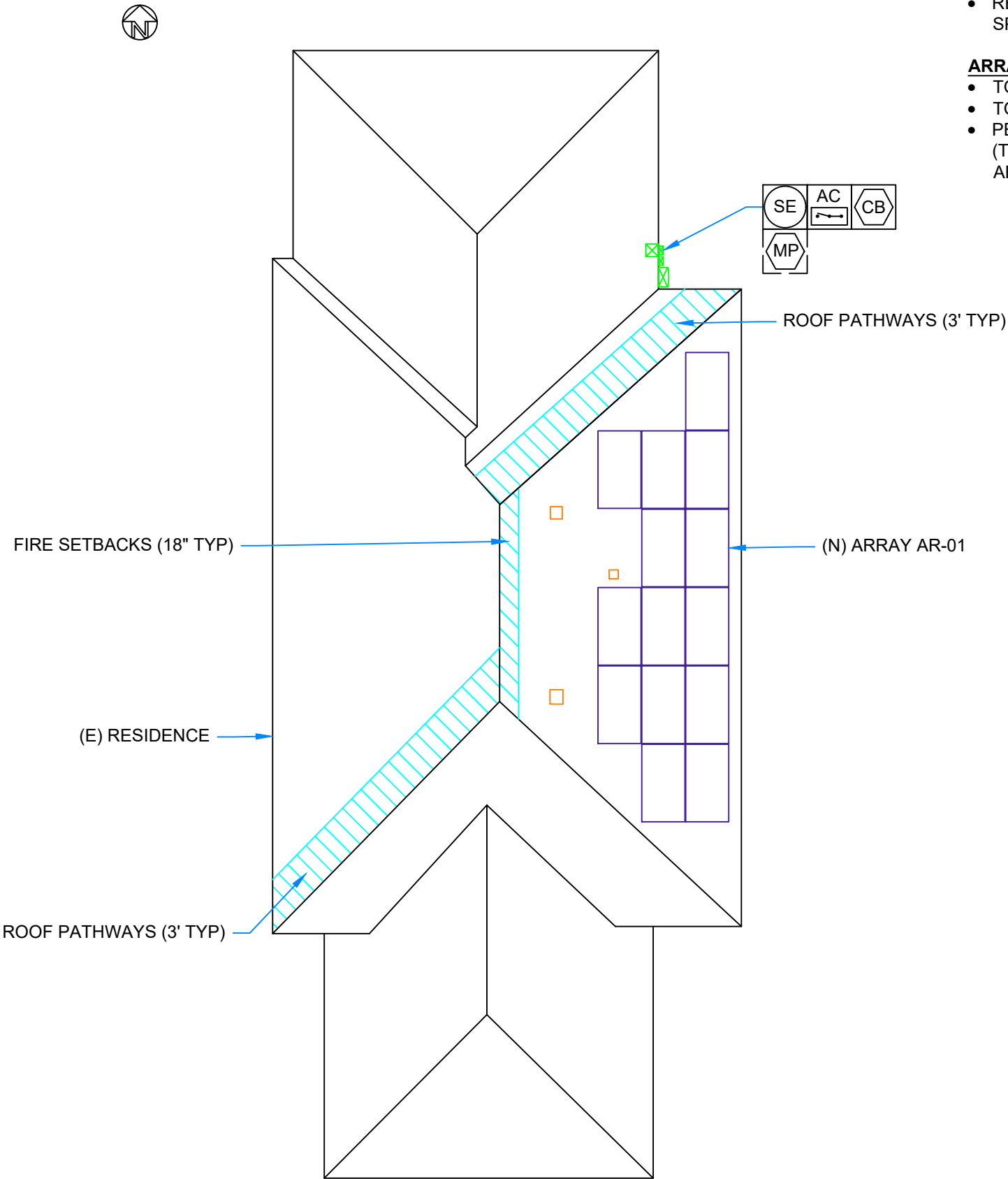
PV-5.0

SITE PLAN DETAIL - SCALE = 1/32" = 1'-0"



**NOTE:** MICRO-INVERTERS INSTALLED UNDER EACH MODULE

SITE PLAN - SCALE = 3/32" = 1'-0"



	ARRAY PITCH	TRUE AZIM	MAG AZIM	PV AREA (SQFT)
AR-01	22°	90°	93°	295.9

- NOTES:**
- RESIDENCE DOES NOT CONTAIN ACTIVE FIRE SPRINKLERS.

- ARRAY DETAILS:**
- TOTAL ROOF SURFACE AREA: 3190 SQFT.
  - TOTAL PV ARRAY AREA: 295.9 SQ FT.
  - PERCENTAGE PV COVERAGE:  
(TOTAL PV ARRAY AREA/TOTAL ROOF SURFACE AREA) \* 100 = 9.3%

**SUNrun**

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GILLIAN MANAOIS

SHEET  
SITE PLAN

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PV-2.0

ROOF INFO			FRAMING INFO			ATTACHMENT INFORMATION						DESIGN CRITERIA
Name	Type	Height	Type	Max Span	OC Spacing	Detail	Max Landscape OC Spacing	Max Landscape Overhang	Max Portrait OC Spacing	Max Portrait Overhang	Configuration	<div><div><div>MAX DISTRIBUTED LOAD: 3 PSF</div><div>SNOW LOAD: 30 PSF</div><div>WIND SPEED: 107 MPH 3-SEC GUST.</div><div>S.S.LAG SCREWS: 5/16"x 5.5": 2.5" MIN EMBEDMENT</div><div>STRUCTURAL NOTES:<ul style="list-style-type: none"><li>INSTALLERS SHALL NOTIFY ENGINEER OF ANY POTENTIAL STRUCTURAL ISSUES OBSERVED PRIOR TO PROCEEDING W/ INSTALLATION.</li><li>IF ARRAY (EXCLUDING SKIRT) IS WITHIN 12" BOUNDARY REGION OF ANY ROOF PLANE EDGES (EXCEPT VALLEYS), THEN ATTACHMENTS NEED TO BE ADDED AND OVERHANG REDUCED WITHIN THE 12" BOUNDARY REGION ONLY AS FOLLOWS:<ul style="list-style-type: none"><li>ALLOWABLE ATTACHMENT SPACING INDICATED ON PLANS TO BE REDUCED BY 50%</li><li>ALLOWABLE OVERHANG INDICATED ON PLANS TO BE 1/5TH OF ALLOWABLE ATTACHMENT SPACING INDICATED ON PLANS</li></ul></li></ul></div></div></div>
AR-01	COMP SHINGLE - RLU	1-Story	2X6 RAFTERS	15' - 11"	16"	RL UNIVERSAL, SPEEDSEAL TRACK ON COMP, SEE DETAIL SNR-DC-00436	5' - 4"	2' - 1"	4' - 0"	1' - 9"	STAGGERED	

D1 - AR-01 - SCALE: 1/4" = 1'-0"

AZIM:90°

PITCH: 22°

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SHEET

LAYOUT

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PV-3.0