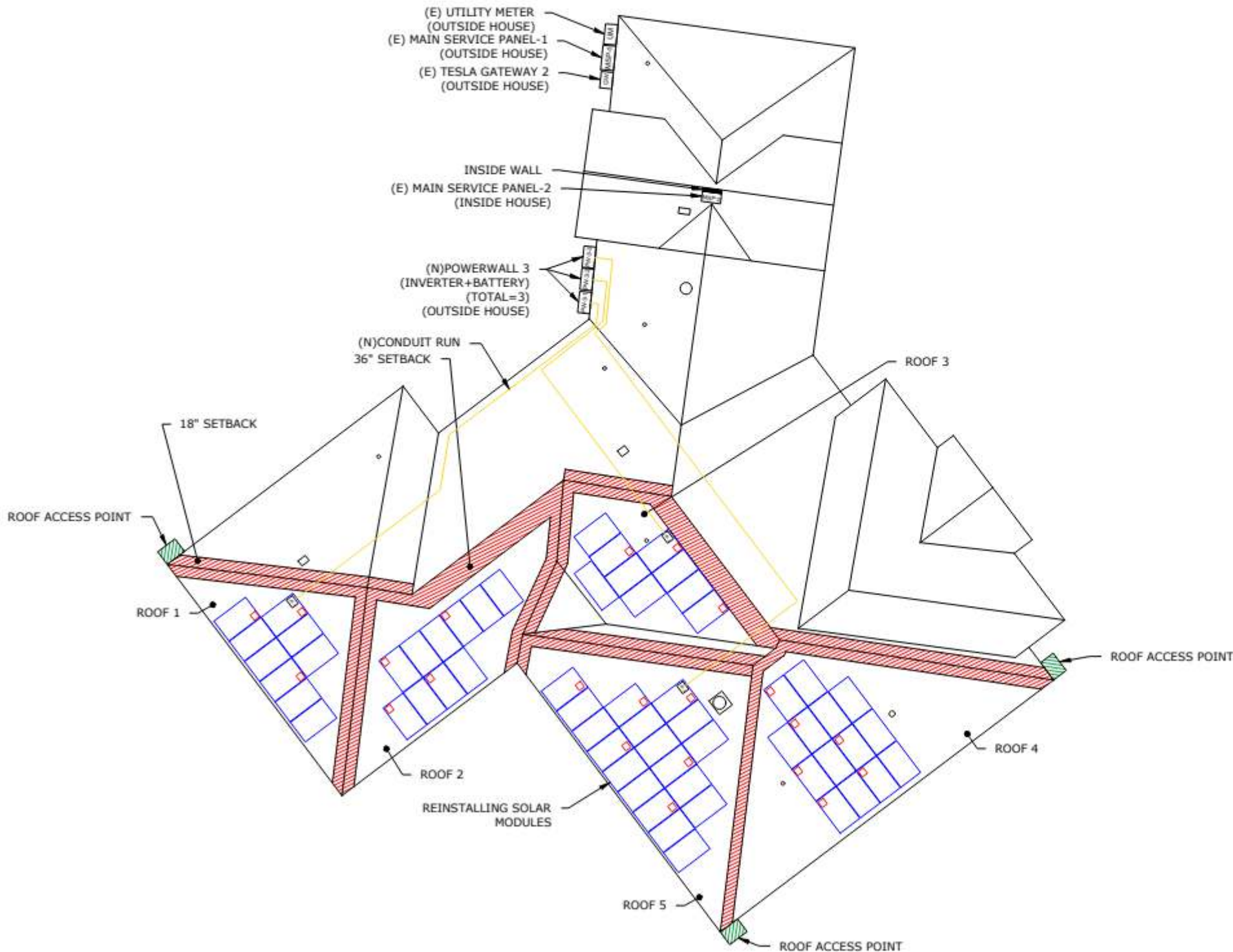


## MODULE TYPE, DIMENSIONS & WEIGHT

NUMBER OF MODULES = 60 MODULES  
MODULE TYPE = CANADIAN SOLAR CS3N-395MS (395W) SOLAR MODULES  
MODULE WEIGHT = 51.6 LBS / 23.4 KG.  
MODULE DIMENSIONS = 76.4" X 41.3" = 21.91 SF

NUMBER OF INVERTER = 3 INVERTER  
INVERTER TYPE = TESLA POWERWALL 3 (13.5 KW INVERTERS)  
DC SYSTEM SIZE: 23.7 KW  
AC SYSTEM SIZE: 34.5 KW



### GENERAL INSTALLATION PLAN NOTES:

1) ROOF ATTACHMENTS TO TRUSSES SHALL BE INSTALLED AS SHOWN IN SHEET S-01 AND AS FOLLOWS FOR EACH WIND ZONE:

WIND ZONE 1: MAX SPAN 4'-0" O.C.  
WIND ZONE 2: MAX SPAN 4'-0" O.C.  
WIND ZONE 3: MAX SPAN 2'-0" O.C.

2) EXISTING RESIDENTIAL BUILDING ROOF WITH MEAN ROOF HEIGHT 30FT AND 2"x4" WOOD ROOF TRUSSES SPACED 24" O.C.

CONTRACTOR TO FIELD VERIFY AND SHALL REPORT TO THE ENGINEER IF ANY DISCREPANCIES EXIST BETWEEN PLANS AND IN FIELD CONDITIONS.

I CERTIFY THAT THE INSTALLATION OF THE MODULES IS IN COMPLIANCE WITH FBC: RESIDENTIAL CHAPTER 3. BUILDING STRUCTURE WILL SAFELY ACCOMMODATE LATERAL AND UPLIFT WIND LOADS, AND EQUIPMENT DEAD LOADS.

THE INSTALLER CAN CHANGE THE PANELS IF THE EXISTING PANEL IS NOT AVAILABLE DUE TO SUPPLY CHAIN ISSUE AND ALSO ARRAY LAYOUT MAY CHANGE DUE TO UNFORESEEN ROOF CONDITIONS AS WELL.

### NOTES:

1. LOCATION OF JUNCTION BOX(ES), AC DISCONNECT(S), AC COMBINER PANEL(S), AND OTHER ELECTRICAL EQUIPMENT(S) RELEVANT TO PV INSTALLATION SUBJECT TO CHANGE BASED ON SITE CONDITIONS.

2. SETBACKS AT RIDGES CAN BE REDUCED TO 18 INCHES IN COMPLIANCE WITH FBC R 324.6.2:  
TOTAL PLAN VIEW AREA = 7042.26 SQFT  
TOTAL PV AREA = 60(76.4 IN)(41.3 IN)/(144 IN<sup>2</sup>)  
= 1314.72 SQFT  
(1314.72 SQFT / 7042.26 SQFT)100 = 18.67 %  
TOTAL PV AREA POPULATES 18.67 % OF TOTAL PLAN VIEW AREA AND IS WITHIN THE 33% REQUIREMENT.

### LEGENDS

- UM - UTILITY METER
- MSP - MAIN SERVICE PANEL
- JB - JUNCTION BOX
- GW - TESLA GATEWAY 2
- PW 3 - TESLA POWERWALL 3
- [Red Hatched Box] - FIRE SETBACK
- [Green Hatched Box] - ROOF ACCESS POINT
- [Red Square] - TESLA MCI
- [Circle with X] - VENT, ATTIC FAN (ROOF OBSTRUCTION)
- [Yellow Line] - CONDUIT



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Signature with Seal



EDWIN GONZALEZ

299 CYPRESS COVE DR,  
LAKE CITY, FL 32055

REV	ENG	DESCRIPTION	DATE

PERMIT DEVELOPER

DATE 06/03/2024

DESIGNER OAC

REVIEWER

SHEET NAME

ROOF PLAN  
& MODULES

SHEET NUMBER

PV-03