

Panels to be set back a minimum of 10' 0" from the front wall of the building.




Composite of roof plan-view and array layout



Street view

#### Solar Design Notes:

1. 36 solar panels are Qcells Q.PEAK DUO ML-G10+ 400
2. 36 Enphase Energy Inc. IQ8A-72-2-US Microinverters installed beneath each panel
3. Racking is low-profile, black or silver, non-visible
4. Pitch is 7/12 approximately
5. Azimuth: 138°
6. Height of roof eaves is approximately 14'
7. Microinverters contain integrated grounding to electrical system and will be bonded to each panel
8. Microinverters comply with rapid shutdown requirements
9. Solar disconnect to be located adjacent to electrical meter
10. Setbacks as shown in accordance with current fire code and HDLC guidelines: array no closer than 12" from ridge or eave and 10' from front wall of house
11. Estimated Yearly Production: 18,805 kWh

|   |  |                         |
|---|--|-------------------------|
|  | <b>14.40 kW</b><br><b>Roof-mounted PV</b>                      |                         |
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|   | DATE:<br>September<br>4th, 2022                                | DRAWN BY:<br>Andrea Lee |



## ARRAY LAYOUT

