

NEW PHOTOVOLTAIC GROUND MOUNTED SYSTEM - 11.97 KW DC -(STC) / 10.00 KW AC  
31052 CORONA ROAD, CALHAN CO 80808

**DESIGN CRITERIA**  
GROUND SNOW LOAD: 40 PSF  
WIND SPEED: 101 MPH  
WIND EXPOSURE: C  
RISK CATEGORY: II

**NEW PV SYSTEM SPECIFICATIONS -11.97kW (DC) / 10.00kW (AC)**  
MODULES: (19) HELIENE 156HC-630 M10 NTYP SL  
INVERTER: (19) TESLA MCI-2  
(1) TESLA POWERWALL 3  
1707000-XX-Y 10.0 KW  
(3) TESLA POWERWALL 3 1807000-XX-Y  
BATTERY PACK 13.5KWH

**NOTES:**  
1. STRUCTURES, PATIO COVERS, AND/OR ADDITIONS BUILT WITHOUT PERMITS TO BE RESOLVED BY A SEPARATE PERMIT.

2. ROOF ACCESS POINT SHALL NOT BE LOCATED IN AREAS THAT REQUIRE THE PLACEMENT OF GROUND LADDERS OVER OPENINGS SUCH AS WINDOWS OR DOORS, AND LOCATED AT STRONG POINTS OF BUILDING CONSTRUCTION IN LOCATIONS WHERE THE ACCESS POINT DOES NOT CONFLICT WITH OVERHEAD OBSTRUCTIONS SUCH AS TREE LIMBS, WIRES OR SIGNS.

**SCOPE OF WORK**  
1.2.1 CONTRACTOR IS RESPONSIBLE FOR DESIGN AND SPECIFICATIONS OF THE GRID-TIED PHOTOVOLTAIC SYSTEM. THE CONTRACTOR WILL BE RESPONSIBLE FOR COLLECTION OF EXISTING ONSITE CONDITIONS TO DESIGN, SPECIFY, AND INSTALL THE PHOTOVOLTAIC SYSTEM DETAILED IN THIS DOCUMENT

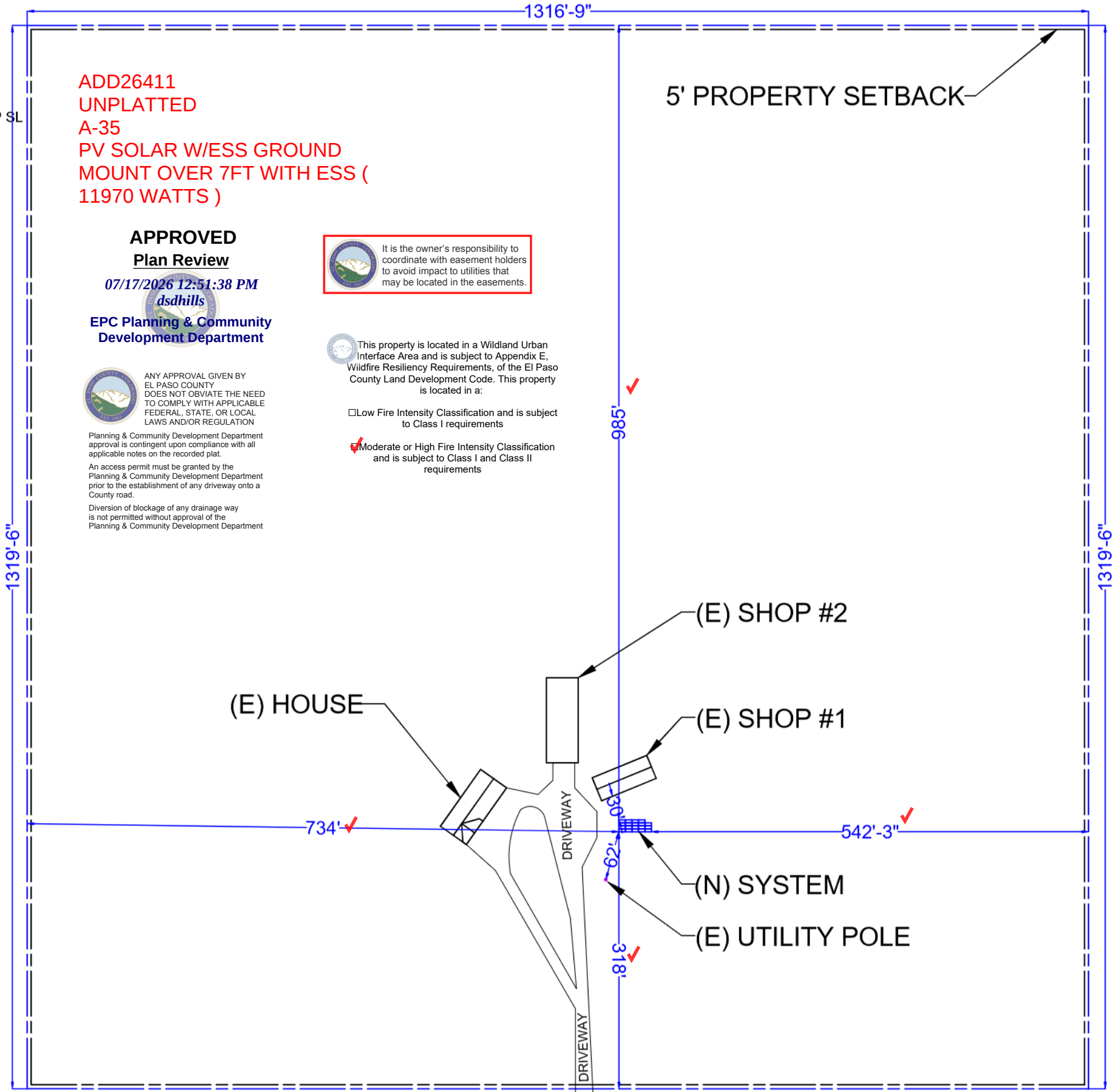
ADD26411  
UNPLATTED  
A-35  
PV SOLAR W/ESS GROUND  
MOUNT OVER 7FT WITH ESS ( 11970 WATTS )

**APPROVED  
Plan Review**  
07/17/2026 12:51:38 PM  
dsdhills  
EPC Planning & Community  
Development Department

ANY APPROVAL GIVEN BY EL PASO COUNTY DOES NOT OBTAIN THE NEED TO COMPLY WITH APPLICABLE FEDERAL, STATE, OR LOCAL LAWS AND/OR REGULATION  
Planning & Community Development Department approval is contingent upon compliance with all applicable notes on the recorded plat.  
An access permit must be granted by the Planning & Community Development Department prior to the establishment of any driveway onto a County road.  
Diversion of blockage of any drainage way is not permitted without approval of the Planning & Community Development Department

It is the owner's responsibility to coordinate with easement holders to avoid impact to utilities that may be located in the easements.

This property is located in a Wildland Urban Interface Area and is subject to Appendix E, Wildfire Resiliency Requirements, of the El Paso County Land Development Code. This property is located in a:  
☐ Low Fire Intensity Classification and is subject to Class I requirements  
☒ Moderate or High Fire Intensity Classification and is subject to Class I and Class II requirements



LEGEND

- PROPERTY LINE  
- FENCE LINE

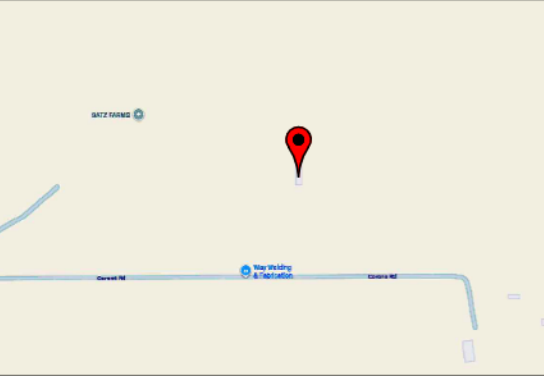
APPLICABLE CODES  
AS ADOPTED BY: DORA

2023 NATIONAL ELECTRICAL CODE (NEC)  
2021 INTERNATIONAL BUILDING CODE (IBC)  
2021 INTERNATIONAL RESIDENTIAL CODE (IRC)  
2021 INTERNATIONAL FIRE CODE (IFC)

SHEET INDEX

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| PV-01   | COVER PAGE                |
| PV-02   | SITE PLAN                 |
| PV-02.1 | SHOP FLOOR PLAN           |
| PV-03   | ATTACHMENT PLAN & DETAILS |
| PV-04   | ELECTRICAL DIAGRAM        |
| PV-05   | NOTES                     |
| PV-06   | WARNING LABELS            |
| PV-07   | INSTALLATION RESOURCE     |
| PV-08+  | MFG SPEC.                 |

VICINITY MAP



SATELLITE MAP



CONTRACTOR



SOLARISE SOLAR ENERGY

2936 JANITELL RD.  
COLORADO SPRINGS, CO 80906

LIC. NO. - EC.0101718



Signed 7/02/2026

PROJECT NAME & ADDRESS

ANNETTE MOORE  
31052 CORONA ROAD,  
CALHAN CO 80808

AHJ: PIKES PEAK REGIONAL  
BUILDING DEPT (PPRBD)  
UTILITY: MOUNTAIN VIEW ELECTRIC  
ASSOCIATION

SYSTEM DETAILS

11.97 KW DC -(STC) / 10.00 KW AC  
(19) HELIENE 156HC-630 M10 NTYP SL  
(7) TESLA MCI-2  
(1) TESLA POWERWALL 3 1707000-XX-Y 10.0 KW  
(3) TESLA POWERWALL 3 1807000-XX-Y  
BATTERY PACK 13.5KWH

REVISIONS

| REV | DESCRIPTION | DATE |
|-----|-------------|------|
|     |             |      |
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SHEET TITLE

COVER PAGE

DRAWN DATE

5/5/2026

DRAWN BY

KAMOLJON

SHEET NUMBER

PV-01

Released for Permit  
07/16/2026 9:15:11 AM



Released for Permit  
07/16/2026 9:15:11 AM



1  
PV-01

PROPERTY PLAN  
SCALE: 1"=48'-0"

# RESIDENTIAL



2023 PPRBC  
IECC: N/A

Address: 31052 CORONA RD, CALHAN

Parcel: 1300000640

Plan Track #: 215164

Received: 15-Jul-2026 (NICOLASV)

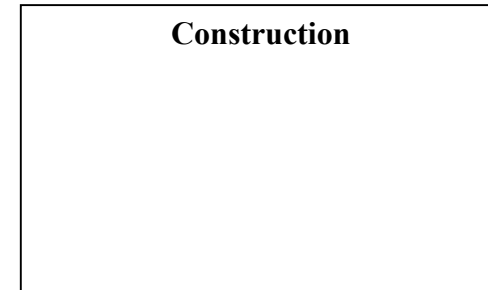
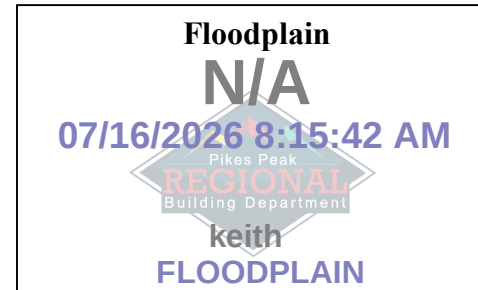
## Description:

**PV SOLAR W/ESS GROUND MOUNT OVER  
7FT**

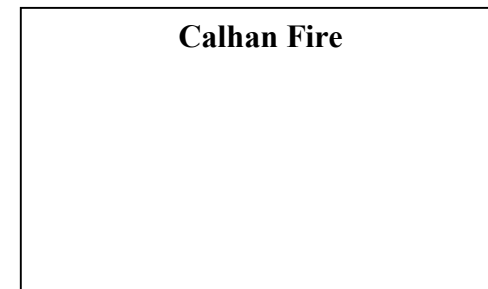
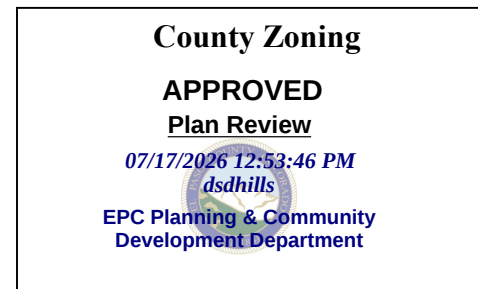
Contractor: SOLARISE SOLAR INC

Type of Unit:

## Required PPRBD Departments (3)



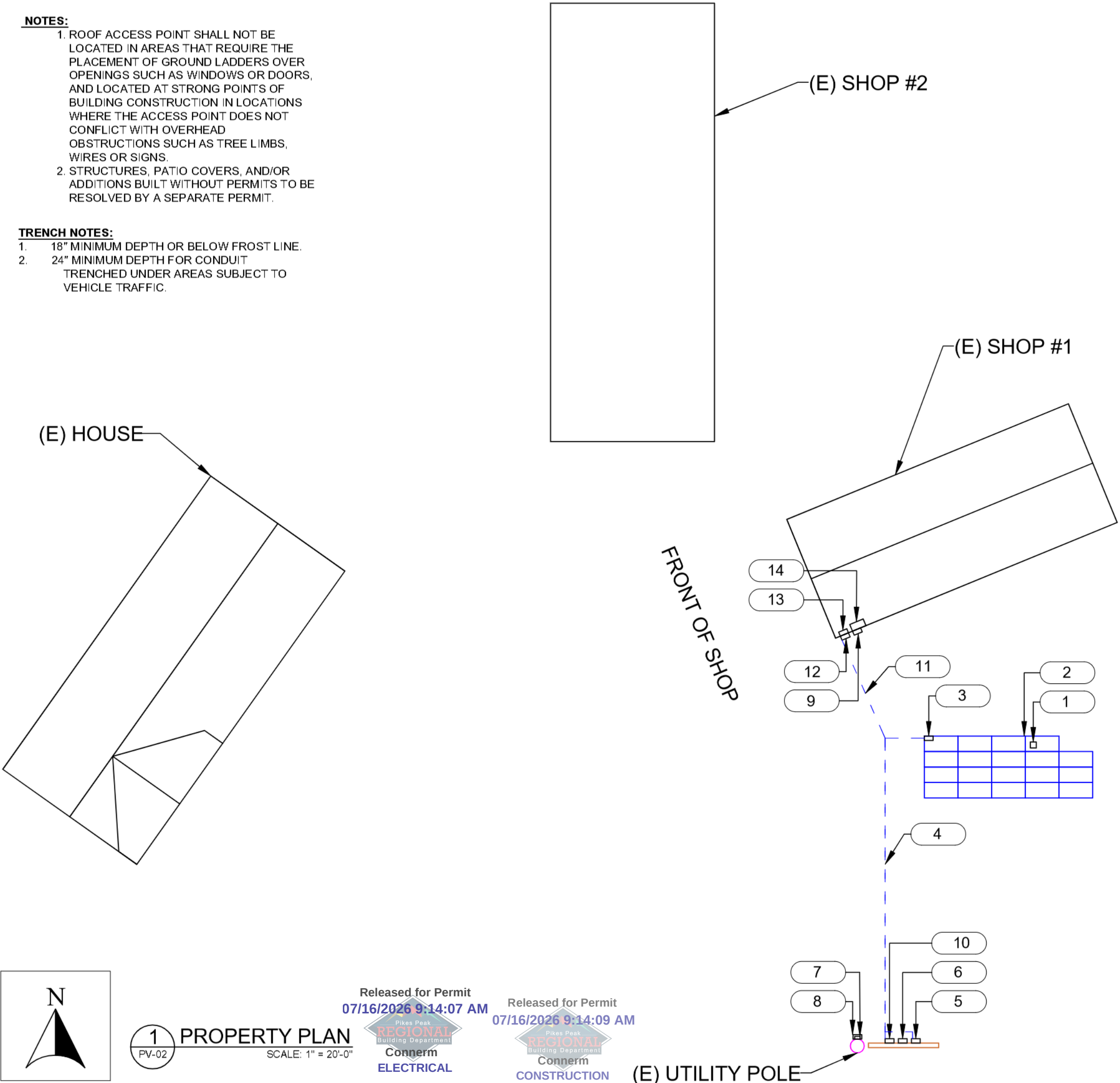
## Required Outside Departments (2)



Release of this plan does not preclude compliance with all applicable codes, ordinances and other pertinent regulations.  
This plan set must be present on the job site for every inspection.

- NOTES:**
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  - 2. STRUCTURES, PATIO COVERS, AND/OR ADDITIONS BUILT WITHOUT PERMITS TO BE RESOLVED BY A SEPARATE PERMIT.

- TRENCH NOTES:**
- 1. 18" MINIMUM DEPTH OR BELOW FROST LINE.
  - 2. 24" MINIMUM DEPTH FOR CONDUIT TRENCHED UNDER AREAS SUBJECT TO VEHICLE TRAFFIC.

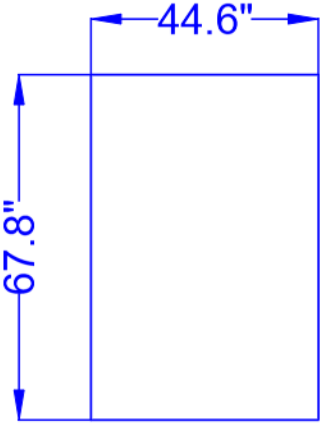


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**LEGEND**

- 1 TESLA SOLAR INVERTER (1 FOR EVERY 3 MODULES)
- 2 (19) HELIENE 156HC-630 M10 NTYP SL
- 3 NEW IMO DC MINI SOLAR ISOLATOR
- 4 18" DEEP TRENCH APPROX 85'
- 5 NEW IMO DC MINI SOLAR ISOLATOR
- 6 (1) NEW TESLA POWERWALL 3 1707000-XX-Y 10.0 KW
- 7 EXISTING MAIN SERVICE PANEL
- 8 EXISTING UTILITY METER
- 9 NEW CRITICAL LOADS
- 10 NEW 60A NON-FUSED DISCONNECT
- 11 18" DEEP TRENCH APPROX 110'
- 12 NEW 60A FUSED DISCONNECT
- 13 NEW 60A FUSED DISCONNECT
- 14 (3) NEW TESLA POWERWALL 3 1807000-XX-Y BATTERY PACK 13.5KWH

**MODULE DIMENSIONS**



**CONTRACTOR**



SOLARISE SOLAR ENERGY

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**SHEET TITLE**

**SITE PLAN**

DRAWN DATE

5/5/2026

DRAWN BY

KAMOLJON

**SHEET NUMBER**

**PV-02**