

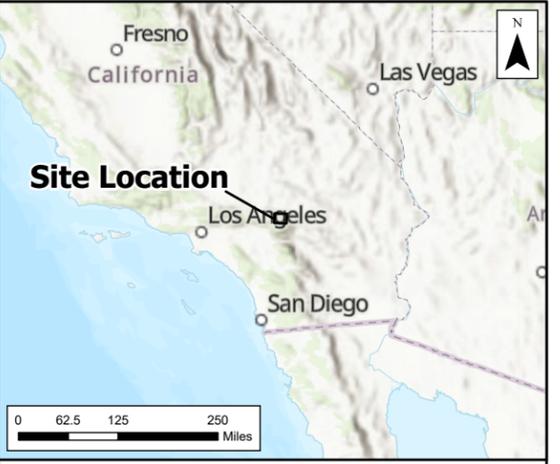
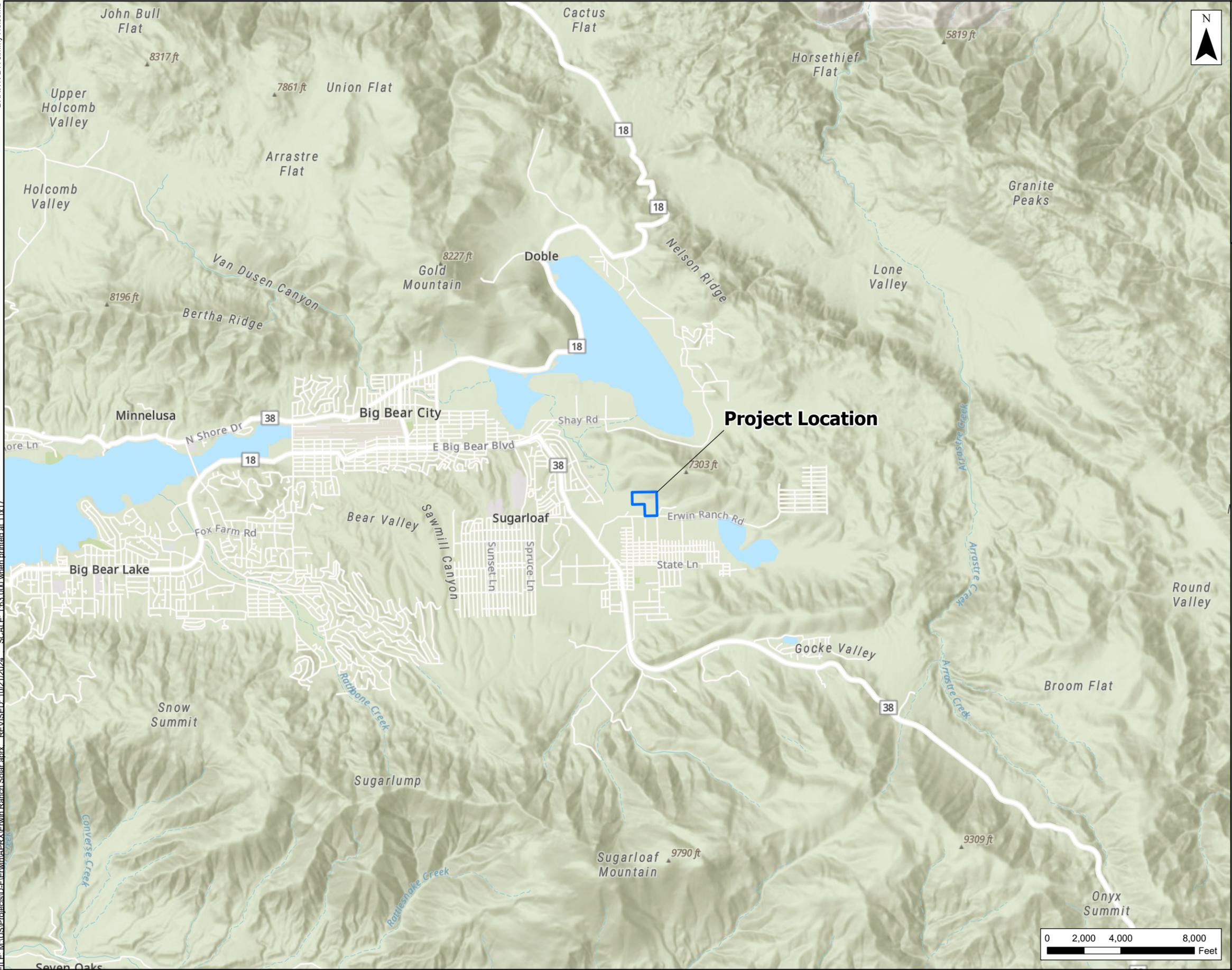


APPENDIX A

FIGURES

DRAWN BY: Jimmy Holcomb

FILE: M:\US\Projects\B-1\Erwin\B-1\Erwin Ranch Solar.aprx REVISED: 10/21/2024 SCALE: 1:63,000 when printed at 11x17



Legend

 Site Boundary

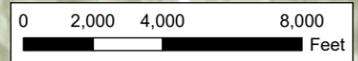
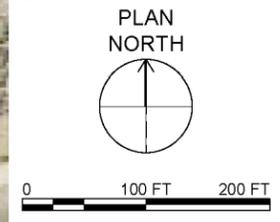


Figure 1: Site Vicinity
 Bear Valley Solar Energy Project
 San Bernardino County, CA

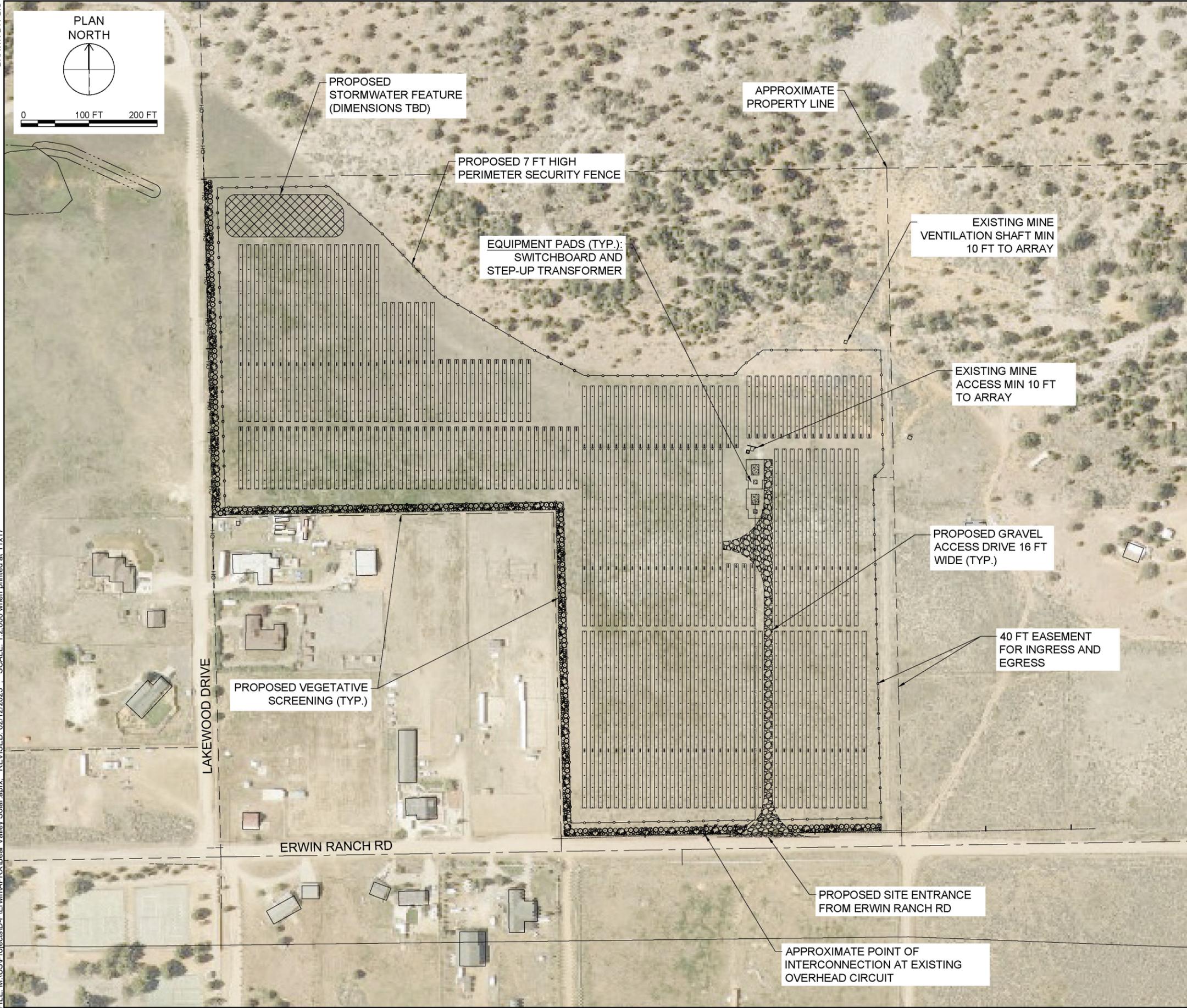


Source: Esri - World Topographic Map; NAD 1983 2011 StatePlane California V FIPS 0405 Ft US

DRAWN BY: GIS



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PROJECT SUMMARY	
ARRAY TYPE	SINGLE-AXIS TRACKER (SAT) 1V
ARRAY ORIENTATION (°)	180
ARRAY TILT (°)	60
GROUND COVERAGE RATIO (%)	50
PV MODULE MANUFACTURER	PV MODULE CANADIAN SOLAR
PV MODULE MODEL	CS6.2-66TB-610H
PV MODULE WATTAGE (W)	610
PV MODULE QUANTITY	10,295
PV MODULES PER STRING	29
PV MODULES PER TRACKER / TABLE	29, 58, 87
TRACKER / TABLE QUANTITY	86, 13, 81
TRACKER PITCH SPACING (FT)	15.63
INVERTER	INVERTER
INVERTER MANUFACTURER	YASKAWA SOLECTRIA SOLAR
INVERTER MODEL	XGI 1500-250-600
INVERTER RATING (kWAC)	250
INVERTER QUANTITY	20
TOTAL PV MODULE CAPACITY (kWDC)	6,279.95
TOTAL INVERTER CAPACITY (kWAC)	5,000.00
AREA WITHIN FENCE (ACRES)	19.96
LENGTH OF FENCE (FT)	4885
LENGTH OF ACCESS DRIVE (FT)	469
LENGTH OF MV OVERHEAD CIRCUIT (FT)	98
LENGTH OF MV UNDERGROUND CIRCUIT (FT)	646

SYMBOL	DESCRIPTION
---	PROPOSED GRAVEL DRIVEWAY
○-○	PROPOSED STEEL FENCE
—○—○—○—○—	PROPOSED MEDIUM VOLTAGE CIRCUIT
—○—○—○—○—	PROPOSED OVERHEAD CIRCUIT
---	EXISTING OVERHEAD POWER LINES
---	EXISTING PROPERTY LINES
---	EXISTING SETBACK LINES
---	EXISTING WETLANDS
---	EXISTING WETLAND BUFFER ZONES
■	CONCRETE
■	GRAVEL
■	SWAMP/MARSH

NOTES:
1. SITE SPECIFIC FACTORS SUCH AS: TOPOGRAPHY, TREE SHADING, ACCESS DRIVES, DRAINAGE, EXISTING STRUCTURES, PV EQUIPMENT, PAD LOCATIONS, AND UTILITY INTERCONNECTION ARE COULD CHANGE THE FINAL ARRAY AREA, SITE PLAN, AND POWER OUTPUT.

Figure 2
Site Plan
Bear Valley Solar Energy Project
San Bernardino County, CA



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community Powered by Esri

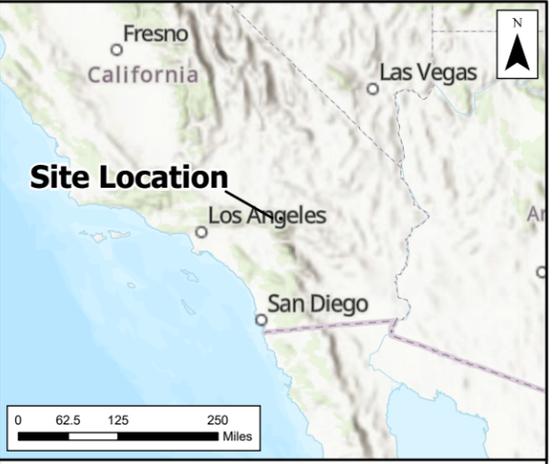
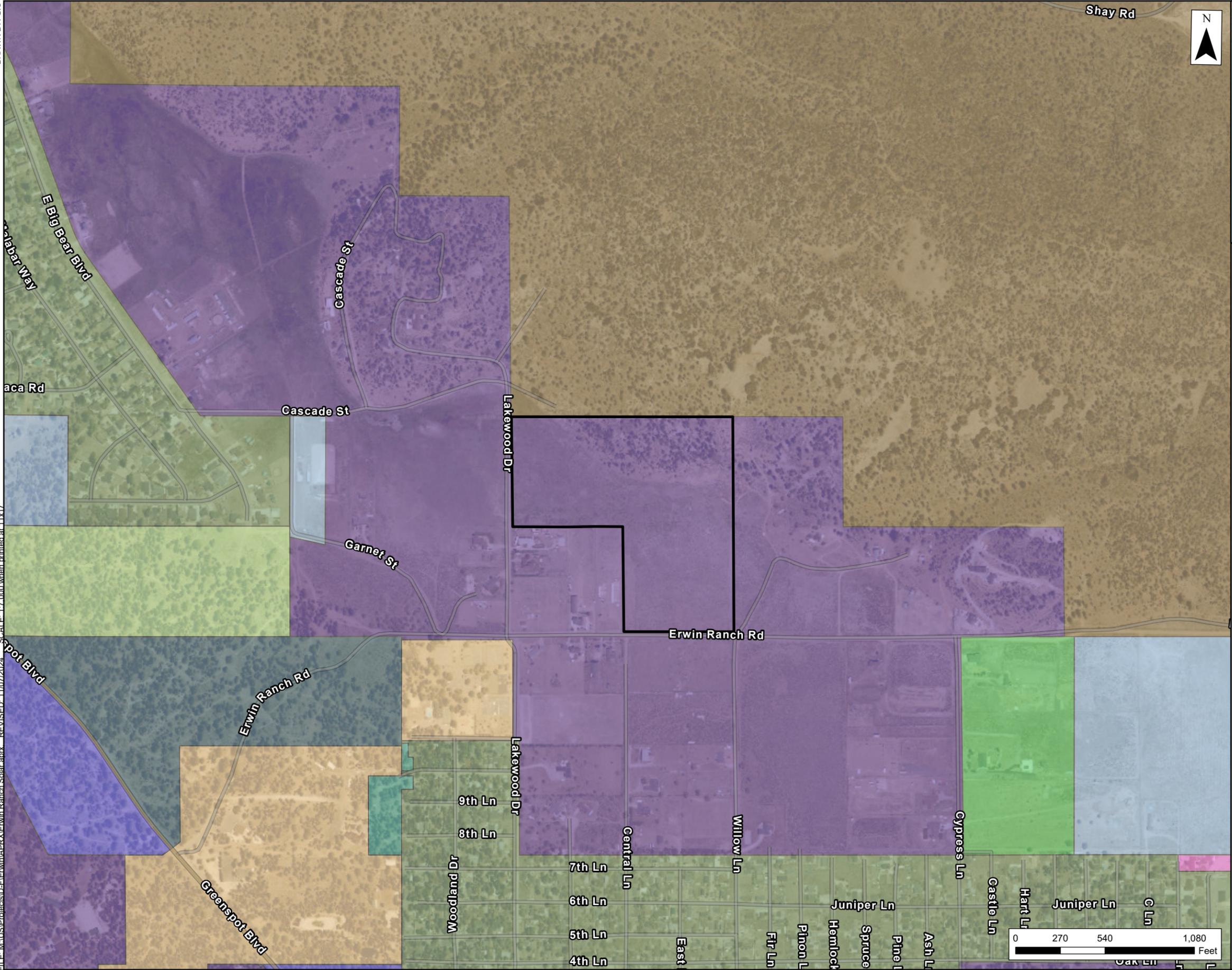
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REVISED: 11/07/2024

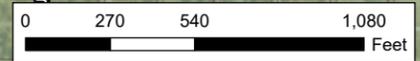
FILE: MA\US\Projects\B\Erwin\BPRX\Erwin Ranch Solar.aprx

Source: USGS - World Imagery Map; NAD 1983 2011 StatePlane California V FIPS 0405 Ft US



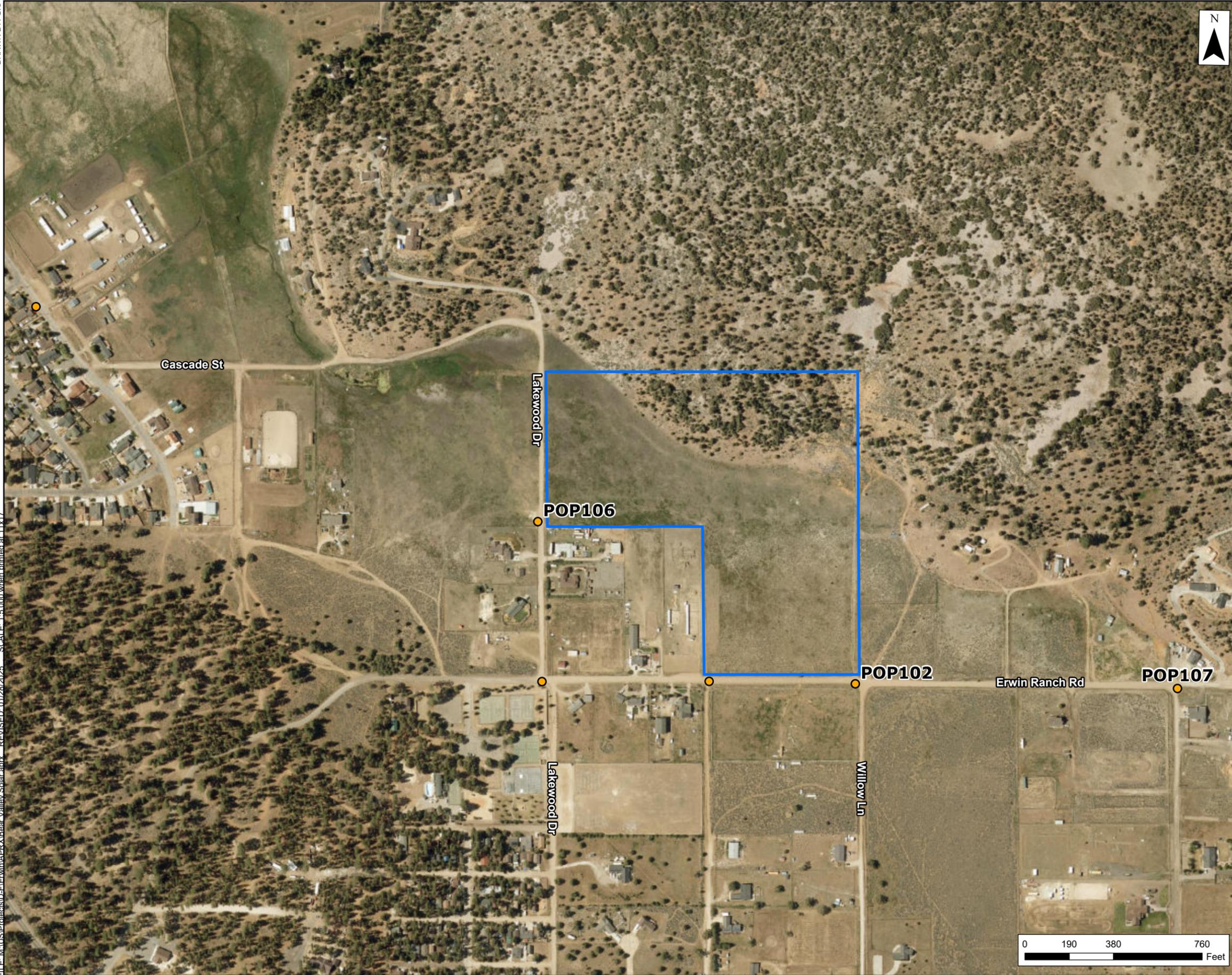
- Legend**
- Site Boundary
 - California Statewide Zoning**
 - Big Bear Lake - Public Open Space
 - General Commercial
 - Resource Conservation
 - Rural Living
 - Rural Living - 5 Acre Minimum
 - Rural Living - 10 Acre Minimum
 - Rural Living - 20 Acre Minimum
 - Single Residential
 - Single Residential - 1 Acre Minimum
 - Single Residential - 10,000 sq ft Minimum
 - Special Development - Residential

Figure 3: Current Zoning
 Bear Valley Solar Energy Project
 San Bernardino County, CA



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Legend

- KOP Locations
- Site Boundary



Figure 4
KOP Locations
 Bear Valley Solar Energy Project
 San Bernardino County, CA



Source: Esri - World Imagery Map; NAD 1983 2011 StatePlane California V FIPS 0405 Ft US



Figure 5
KOP Location POP102 Existing
Bear Valley Solar Energy Project
San Bernardino County, CA





Figure 6
KOP Location POP102 with Rendered Image
Bear Valley Solar Energy Project
San Bernardino County, CA





Figure 7
KOP Location POP106 Existing
Bear Valley Solar Energy Project
San Bernardino County, CA





Figure 8
KOP Location POP106 with Rendered Image
Bear Valley Solar Energy Project
San Bernardino County, CA





W 230° 240° 250° 260° 270° 280° 290° 300° 310° NW 320° 330° 340°



Figure 9
KOP Location POP107 Existing
Bear Valley Solar Energy Project
San Bernardino County, CA





W 230° 240° 250° 260° 270° 280° 290° 300° 310° NW 320° 330° 340°



Figure 10
KOP Location POP107 with Rendered Image
Bear Valley Solar Energy Project
San Bernardino County, CA

