

**Lorelei H. Oviatt, AICP, Director**  
2700 "M" Street, Suite 100  
Bakersfield, CA 93301-2323  
Phone: (661) 862-8600  
Fax: (661) 862-8601 TTY Relay 1-800-735-2929  
Email: [planning@kerncounty.com](mailto:planning@kerncounty.com)  
Web Address: <http://kernplanning.com/>



**PLANNING AND NATURAL  
RESOURCES DEPARTMENT**

Planning  
Community Development  
Administrative Operations

**DATE:** January 15, 2021

**TO:** See Attached Mailing List

**FROM:** Kern County Planning and Natural  
Resources Department  
Attn: Ronelle Candia  
2700 "M" Street, Suite 100  
Bakersfield, CA 93301  
(661)862-8997; [CandiaR@kerncounty.com](mailto:CandiaR@kerncounty.com)

**SUBJECT: NOTICE OF PREPARATION (NOP) OF A DRAFT ENVIRONMENTAL IMPACT  
REPORT (EIR) FOR THE BELLEFIELD SOLAR PROJECT BY 50LW 8ME LLC**

The Kern County Planning and Natural Resources Department as Lead Agency (per CEQA Guidelines Section 15062) has determined that preparation of an Environmental Impact Report (per CEQA Guidelines 15161) is necessary for the proposed project identified below. The Planning and Natural Resources Department solicits the views of your agency as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency may need to use the EIR prepared by our agency when considering your permit or other approval of the project.

You are invited to view the NOP and submit written comments regarding the content of the environmental information in connection with the proposed project should you wish to do so. Due to the limits mandated by State law, your response must be received by **February 15, 2021 at 5:00 p.m.** Comments can be submitted to the Kern County Planning and Natural Resources Department at the address shown above. A Scoping meeting that will be held on **Friday, February 5, 2021 at 1:30 p.m.** In compliance with the Governor's Executive Order, the California Department of Public Health's guidelines on gatherings regarding COVID-19, and Kern County Local Emergency Declaration, the scoping meeting required by the CEQA Guidelines will be conducted online. Instructions for accessing the virtual scoping meeting will be available three (3) days before the meeting date on the Kern County Planning and Natural Resources website at <https://kernplanning.com>.

Comments on the scope and content of the NOP should be sent to [CandiaR@kerncounty.com](mailto:CandiaR@kerncounty.com).

**PROJECT TITLE:** Bellefield Solar Project by 50LW 8ME LLC (PP20403); GPA #2, Map 195; ZCC #2, Map 195; ZCC #57, Map 196; CUP #1, Map 195; CUP #57, Map 196; and SPA #31, Map 196.

**PROJECT LOCATION:** The proposed project site is located in portions of unincorporated Kern County and the City of California City. The project site is located east of the community of Mojave and the Mojave Air and Space Port Airport (Mojave Airport), straddles State Route (SR) 58, and is just west and south of the Hyundai Proving Ground. SR-58, a four-lane divided highway, provides regional access to the project site. Access to the site would be from Altus Ave, Arroyo Ave, Denise Ave, Sunset Ave, Silver Queen Road, and 20<sup>th</sup>, 30<sup>th</sup>, 50<sup>th</sup> and 70<sup>th</sup> Streets. The site is located within Township 11N, Range 11W, all or portions of Sections 5, 6, 7, 17, 18, 19, 20, 21 (all), 22, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, and 35 and Township 11N, Range 12W, portions of Sections 1 and 2.

**PROJECT DESCRIPTION:** The Bellefield Solar Project by 50LW 8ME LLC (project proponent), is a proposed photovoltaic solar facility and energy storage system capable of producing up to 1,500 megawatt (MW) alternating current (AC) utility-scale solar power with an up to 1,500 MW-hour (MWh) energy storage capacity on approximately 8,371 acres of privately-owned land. The proposed project would be supported by a 230 kilovolt (kV) overhead and/or underground electrical transmission line(s) originating from one or more on-site substation(s)/switchyard(s) and terminating at the Southern California Edison (SCE) Windhub Substation. The combined linear distance of the gen-tie alternatives are 89.6 miles with a width of 200 feet. The collector lines are generally located within or adjacent to the Kern County and/or California City parcels, while the gen-tie alternatives generally originate from the central portion of the Project heading west around Mojave, before reaching Oak Creek Road and SCE's Windhub Substation. The project may require the acquisition of up to 200 feet of privately-owned land, abutting the Oak Creek Road right-of-way for gen-tie routing purposes. The proposed project's permanent facilities would include service roads, a power collection system, communication cables, overhead and underground transmission lines, electrical switchyards, project substations, energy storage system(s), and operations and maintenance (O&M) facilities.

Implementation of the project as proposed includes the following requests:

The proposed project consists of the following requests:

- Kern County
  - General Plan Amendment #2, Map 195
    - From 1.1 (State or Federal Land) to 8.5 (Resource Management) for approximately 82.19 acres; and
    - Amendment to the Circulation Element of the Kern County General Plan to remove road reservations on section and mid-section lines within the Kern County project boundaries.
  - Zone Change Case # 2, Map 195:
    - From A-1 (Limited Agriculture) to A (Exclusive Agriculture) for approximately 5,291.55 acres; and
    - From A-1 MH (Limited Agriculture Mobile Home Combining) to A for approximately 146.71 acres.
  - Zone Change Case #57, Map 196
    - From M-3 PD to M-1 PD for approximately 477.39 acres; and
    - From M-2 PD to M-1 PD for approximately 141.43 acres.
  - Issuance of Conditional Use Permit #1, Map 195 to allow for the construction and operation of a 5,438.26-acre PV solar facility with a total project generating capacity, in both Kern County and California City, of up to 1,500 MW of alternating current power and 1,500 MW hours of storage capacity within the A (Exclusive Agriculture) pursuant to Section 19.12.030G of the Kern County Zoning Ordinance.
  - Issuance of Conditional Use Permit #57, Map 196 to allow for the construction and operation of a 830.87-acre PV solar facility with a total project generating capacity, in both Kern County and California City, of up to 1,500 MW of alternating current power and 1,500 MW hours of storage capacity within the A (Exclusive Agriculture) pursuant to

Section 19.12.030G, M-1 PD (Light Industrial, Precise Development) pursuant to Section 19.36.030G, and M-3 PD (Heavy Industrial, Precise Development) pursuant to Section 19.40.030G of the Kern County Zoning Ordinance.

- Specific Plan Amendment #31, Map 196
  - Amendment to the Circulation Element of the Mojave Specific Plan to remove road reservations on section and mid-section lines within the Kern County project boundaries.
- City of California City (Responsible Agency)
  - The City of California City is a Responsible Agency under CEQA. For the parcels within California City city limits, the City will require that the applicant acquire a Conditional Use Permit (CUP) from the City to allow for the construction and operation of a solar facility, in the O/RA (Open Space/Residential Agricultural) zone (CUP 19-03), of a 2,103.63-acre PV solar facility with a total project generating capacity, in both Kern County and California City, of up to 1,500 MW of alternating current power and 1,500 MW hours of storage capacity. At present, solar facilities are considered to be a permitted use only in industrial zoned areas in California City. The City is in the process of updating its zoning code to designate solar facilities as a compatible/permitted use in O/RA zoned districts. If deemed necessary by the City of California City, the project proponent may request a zone change from O/RA to M-1 (Light Industrial) for the portion of the facility located in California City. The project proponent has requested to remove the future section and mid-section lines for the portion of the project within the City of California City's jurisdiction. The City will determine during the CUP process (Sec. 9-2-2501 of the California City Municipal Code) what section lines will be required to be preserved and what ones will be removed.

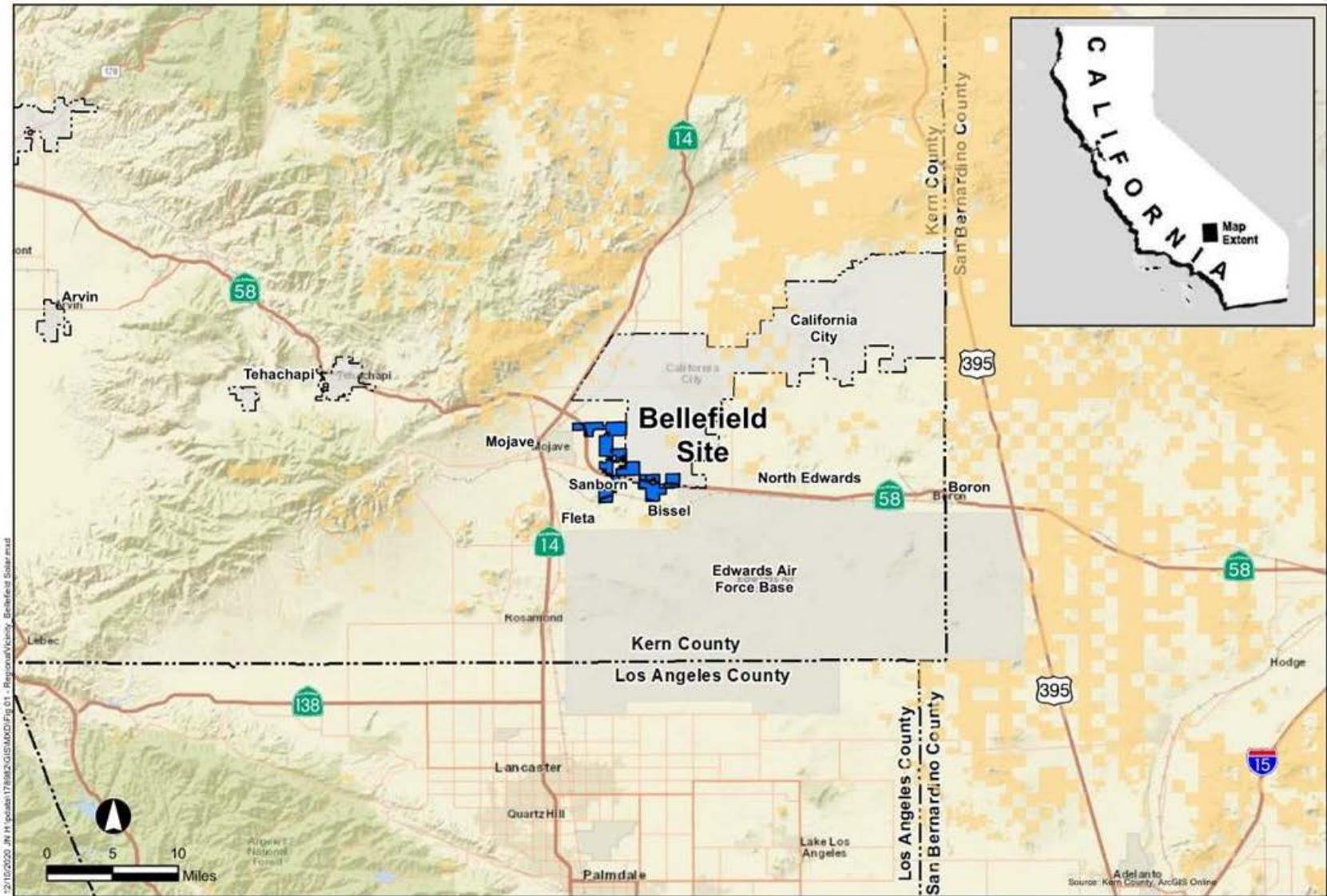
Documents can be viewed online at: <https://kernplanning.com/planning/notices-of-preparation/>

Signature:



Name:

Ronelle Candia, Supervising Planner



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

KERN COUNTY, CALIFORNIA ■ BELLEFIELD SOLAR ■ BY: 50LW 8ME LLC

**REGIONAL VICINITY MAP**

GPA #2; ZC #2; CUP #1, Map #195  
WO #PP20403 (EIR 08-19 - Bellefield)  
I:\Planning\WORKGRPS\WP\LABELS\eir08-19jj.ec.doc  
Sc 08/05/20

City of Arvin  
P.O. Box 548  
Arvin, CA 93203

Bakersfield City Planning Dept  
1715 Chester Avenue  
Bakersfield, CA 93301

Bakersfield City Public Works Dept  
1501 Truxtun Avenue  
Bakersfield, CA 93301

City of Maricopa  
P.O. Box 548  
Maricopa, CA 93252

California City Planning Dept  
21000 Hacienda Blvd.  
California City, CA 93515

Delano City Planning Dept  
P.O. Box 3010  
Delano, CA 93216

City of Shafter  
336 Pacific Avenue  
Shafter, CA 93263

City of McFarland  
401 West Kern Avenue  
McFarland, CA 93250

City of Ridgecrest  
100 West California Avenue  
Ridgecrest, CA 93555

City of Wasco  
764 E Street  
Wasco, CA 93280

City of Taft  
Planning & Building  
209 East Kern Street  
Taft, CA 93268

City of Tehachapi  
Attn: John Schlosser  
115 South Robinson Street  
Tehachapi, CA 93561-1722

Los Angeles Co Reg Planning Dept  
320 West Temple Street  
Los Angeles, CA 90012

Inyo County Planning Dept  
P.O. Drawer "L"  
Independence, CA 93526

Kings County Planning Agency  
1400 West Lacey Blvd, Bldg 6  
Hanford, CA 93230

Santa Barbara Co Resource Mgt Dept  
123 East Anapamu Street  
Santa Barbara, CA 93101

San Bernardino Co Planning Dept  
385 North Arrowhead Avenue, 1st Floor  
San Bernardino, CA 92415-0182

San Luis Obispo Co Planning Dept  
Planning and Building  
976 Osos Street  
San Luis Obispo, CA 93408

U.S. Bureau of Land Management  
Ridgecrest Field Office  
300 South Richmond Road  
Ridgecrest, CA 93555

Tulare County Planning & Dev Dept  
5961 South Mooney Boulevard  
Visalia, CA 93291

Ventura County RMA Planning Div  
800 South Victoria Avenue, L1740  
Ventura, CA 93009-1740

Federal Aviation Administration  
Western Reg Office/  
777 South Aviation Boulevard  
Suite 150  
El Segundo, CA 90245

China Lake Naval Weapons Center  
Tim Fox, RLA - Comm Plans & Liaison  
429 E Bowen, Building 981  
Mail Stop 4001  
China Lake, CA 93555

Edwards AFB, Mission Sustainability  
Liaison  
412 TW, Bldg 2750, Ste 117-14  
195 East Popson Avenue  
Edwards AFB, CA 93524

Eastern Kern Resource Cons Dist  
300 South Richmond Road  
Ridgecrest, CA 93555-4436

Federal Communications Comm  
18000 Studebaker Road, #660  
Cerritos, CA 90701

U.S. Fish & Wildlife Service  
777 East Tahquitz Canyon Way, Suite 208  
Palm Springs, CA 92262

Southern California Edison  
Planning Dept.  
421 West "J" Street  
Tehachapi, CA 93561

Environmental Protection Agency  
Region IX Office  
75 Hawthorn Street  
San Francisco, CA 94105

U.S. Dept of Agriculture/NRCS  
5080 California Avenue, Ste 150  
Bakersfield, CA 93309-0711

U.S. Army Corps of Engineers  
P.O. Box 997  
Lake Isabella, CA 93240

U.S. Army Corps of Engineers  
Regulatory Division  
1325 "J" Street, #1350  
Sacramento, CA 95814-2920

State Air Resources Board  
Stationary Resource Division  
P.O. Box 2815  
Sacramento, CA 95812

So. San Joaquin Valley Arch Info Ctr  
California State University of Bkfd  
9001 Stockdale Highway  
Bakersfield, CA 93311

Caltrans/Dist 6  
Planning/Land Bank Bldg.  
P.O. Box 12616  
Fresno, CA 93778

Caltrans/Dist 9  
Planning Department  
500 South Main Street  
Bishop, CA 93514

Caltrans/  
Division of Aeronautics, MS #40  
P.O. Box 942873  
Sacramento, CA 94273-0001

State Clearinghouse  
Office of Planning and Research  
1400 - 10th Street, Room 222  
Sacramento, CA 95814

State Dept of Conservation  
Director's Office  
801 "K" Street, MS 24-01  
Sacramento, CA 95814-3528

State Dept of Conservation  
Geologic Energy Management Division  
4800 Stockdale Highway, Ste 108  
Bakersfield, CA 93309

California State University  
Bakersfield - Library  
9001 Stockdale Highway  
Bakersfield, CA 93309

California Energy Commission  
James W. Reed, Jr.  
1516 Ninth Street  
Mail Stop 17  
Sacramento, CA 95814

California Fish & Wildlife  
1234 East Shaw Avenue  
Fresno, CA 93710

California Highway Patrol  
Planning & Analysis Division  
P.O. Box 942898  
Sacramento, CA 94298-0001

Integrated Waste Management  
P.O. Box 4025, MS #15  
Sacramento, CA 95812-4025

Public Utilities Comm Energy Div  
505 Van Ness Avenue  
San Francisco, CA 94102

California Regional Water Quality  
Control Board/Lahontan Region  
15095 Amargosa Road - Bld 2, Suite 210  
Victorville, CA 92392

State Lands Commission  
100 Howe Avenue, Ste 100-South  
Sacramento, CA 95825-8202

State Dept of Toxic Substance Control  
Environmental Protection Agency  
1515 Tollhouse Road  
Clovis, CA 93612

Cal Environmental Protection Agency/  
Dept of Toxic Substances Control, Reg 1  
Attn: Dave Kereazis, Permit Div - CEQA  
8800 Cal Center Drive, 2nd Floor  
Sacramento, CA 95826

State Dept of Water Resources  
San Joaquin Dist.  
3374 East Shields Avenue, Room A-7  
Fresno, CA 93726

Kern County  
Agriculture Department

Kern County Airports Department

Kern County Administrative Officer

Kern County Public Works Department/  
Building & Development/Floodplain

Kern County Public Works Department/  
Building & Development/Survey

Kern County  
Env Health Services Department

Kern County Fire Dept  
David Witt, Fire Chief

Kern County Fire Dept  
Michael Nicholas, Asst. Fire Marshall

Kern County Library/Beale  
Local History Room

Kern County Library/Beale  
Andie Sullivan

Kern County Library  
California City Branch  
9507 California City Boulevard  
California City, CA 93505

Kern County Parks & Recreation

Kern County Sheriff's Dept  
Administration

Kern County Public Works Department/  
Building & Development/Development  
Review

Kern County Public Works  
Department/Operations &  
Maintenance/Regulatory Monitoring &  
Reporting

Kern County Public Works Department/  
Building & Development/Code  
Compliance

Mojave Unified School Dist  
3500 Douglas  
Mojave, CA 93501

Muroc Unified School Dist  
17100 Foothill Avenue  
North Edwards, CA 93523

Kern County Superintendent of Schools  
Attention School District Facility Services  
1300 - 17th Street  
Bakersfield, CA 93301

KernCOG  
1401 19th Street - Suite 300  
Bakersfield, CA 93301

Local Agency Formation Comm/LAFCO  
5300 Lennox Avenue, Suite 303  
Bakersfield, CA 93309

Antelope Valley-East Kern  
Water Agency  
6500 West Avenue N  
Palmdale, CA 93551

Kern County Water Agency  
P.O. Box 58  
Bakersfield, CA 93302-0058

California City Airport  
22636 Airport Way, #8  
California City, CA 93505

Mojave Airport  
1434 Flightline  
Mojave, CA 93501

East Kern Airport Dist  
Attention Stuart Witt  
1434 Flightline  
Mojave, CA 93501

East Kern Airport Dist Engineer  
3900 Ridgemoor Avenue  
Bakersfield, CA 93306

Northcutt and Associates  
4220 Poplar Street  
Lake Isabella, CA 93240-9536

Adams, Broadwell, Joseph & Cardozo  
Attention: Janet M. Laurain  
601 Gateway Boulevard, Suite 1000  
South San Francisco, CA 94080

Kern Audubon Society  
Attn: Frank Bedard, Chairman  
4124 Chardonnay Drive  
Bakersfield, CA 93306

Los Angeles Audubon  
926 Citrus Avenue  
Los Angeles, CA 90036-4929

Center on Race, Poverty  
& the Environment  
Attn: Marissa Alexander  
1999 Harrison Street – Suite 650  
San Francisco, CA 94612

Center on Race, Poverty  
& the Environmental/  
CA Rural Legal Assistance Foundation  
1012 Jefferson Street  
Delano, CA 93215

Defenders of Wildlife/  
Kim Delfino, California Dir  
980 - 9th Street, Suite 1730  
Sacramento, CA 95814

Desert Tortoise Preserve Committee  
4067 Mission Inn Avenue  
Riverside, CA 92501

Native American Heritage Council  
of Kern County  
Attn: Gene Albitre  
3401 Aslin Street  
Bakersfield, CA 93312

Pacific Gas & Electric Co  
Land Projects  
650 "O" Street, First Floor  
Fresno, CA 93760-0001

Sierra Club/Kern Kaweah Chapter  
P.O. Box 3357  
Bakersfield, CA 93385

Southern California Edison  
2244 Walnut Grove, Ave, GO-1 Quad 2C  
Rosemead, CA 91770

Verizon California, Inc.  
Attention Engineering Department  
520 South China Lake Boulevard  
Ridgecrest, CA 93555

Chumash Council of Bakersfield  
2421 "O" Street  
Bakersfield, CA 93301-2441

David Laughing Horse Robinson  
P.O. Box 20849  
Bakersfield, CA 93390

Kern Valley Indian Council  
Attn: Robert Robinson, Chairperson  
P.O. Box 401  
Weldon, CA 93283

Kern Valley Indian Council  
Historic Preservation Office  
P.O. Box 401  
Weldon, CA 93283

Santa Rosa Rancheria  
Ruben Barrios, Chairperson  
P.O. Box 8  
Lemoore, CA 93245

Tejon Indian Tribe  
Kathy Morgan, Chairperson  
1731 Hasti-acres Drive, Suite 108  
Bakersfield, CA 93309

Kitanemuk & Yowlumne Tejon Indians  
Chairperson  
115 Radio Street  
Bakersfield, CA 93305

Tubatulabals of Kern County  
Attn: Robert Gomez, Chairperson  
P.O. Box 226  
Lake Isabella, CA 93240

Tule River Indian Tribe  
Neal Peyron, Chairperson  
P.O. Box 589  
Porterville, CA 93258

San Fernando Band of Mission Indians  
Attn: John Valenzuela, Chairperson  
P.O. Box 221838  
Newhall, CA 91322

Matthew Gorman  
The Gorman Law Firm  
1346 E. Walnut Street, Suite 220  
Pasadena, CA 91106

Matthew Gorman  
The Gorman Law Firm  
1346 E. Walnut Street, Suite 220  
Pasadena, CA 91106

Carol Vaughn  
509 West Ward  
Ridgecrest, CA 93555

Joyce LoBasso  
P.O. Box 6003  
Bakersfield, CA 93386

Leadership Counsel for Justice &  
Accountability  
1527 - 19th Street, Suite 212  
Bakersfield, CA 93301

LIUNA  
Attn: Danny Zaragoza  
2201 "H" Street  
Bakersfield, CA 93301

Mojave Foundation  
Attn: Todd Quelet  
16922 Airport Boulevard  
Mojave, CA 93501

National Public Lands News  
941 E. Ridgecrest Blvd  
Inyokern, CA 93555

Pleistocene Foundation  
2362 Lumill Street  
Ridgecrest, CA 93555

Raymond Kelso/  
Pleistocene Foundation  
2362 Lumill Street  
Ridgecrest, CA 93555

Terra-Gen Power, LLC  
Randy Hoyle  
11512 El Camino Real, Suite 370  
San Diego, CA 92130-3025

U.S. Army  
Attn: Philip Crosbie, Chief  
Strategic Plans, S3, NTC  
P.O. Box 10172  
Fort Irwin, CA 92310

U.S. Navy  
Attn: Steve Chung  
Regional Community & Liaison Officer  
1220 Pacific Highway  
San Diego, CA 92132-5190

U.S. Air Force  
Attn: David Bell/AFCEC CZPW  
Western Regional/Leg Branch  
510 Hickman Ave., Bld 250-A  
Travis AFB, CA 94535-2729

U.S. Marine Corps  
Attn: Patrick Christman  
Western Regional Environmental Officer  
Building 1164/Box 555246  
Camp Pendleton, CA 92055-5246

U.S. Army  
Attn: Tim Kilgannon, Region 9  
Coordinator  
Office of Strategic Integration  
721 - 19th Street, Room 427  
Denver, CO 80202

Terra-Gen  
Randy Hoyle, Sr. Vice Pres  
11512 El Camino Real, Suite 370  
San Diego, CA 92130

Renewal Resources Group  
Holding Company  
Rupal Patel  
113 South La Brea Avenue, 3rd Floor  
Los Angeles, CA 90036

Congentrix Sunshine, LLC  
Rick Neff  
9405 Arrowpoint Blvd  
Charlotte, NC 28273

Fotowatio Renewable Ventures  
Sean Kiernan  
44 Montgomery Street, Suite 2200  
San Francisco, CA 94104

EDP Renewables Company  
53 SW Yamhill Street  
Portland, OR 97204

Wind Stream, LLC  
Albert Davies  
1275 - 4th Street, No. 107  
Santa Rosa, CA 95404

Darren Kelly, Sr. Business Mgr  
Terra-Gen Power, LLC  
1095 Avenue of the Americas, 25th Floor,  
Ste A  
New York, NY 10036-6797

Bill Barnes, Dir of Asset Mgt  
AES Midwest Wind Gen  
P.O. Box 2190  
Palm Springs, CA 92263-2190

PG&E  
Steven Ng, Manager  
Renewal Dev, T&D Intercon  
77 Beal Street, Room 5361  
San Francisco, CA 94105

Wayne Mayes, Dir Tech Serv  
Iberdrola Renewables  
1125 NW Couch St, Ste 700, 7th Fl  
Portland, OR 97209

Michael Strickler, Sr Project Mgr  
Iberdrola Renewables  
1125 NW Couch St, Ste 700, 7th Fl  
Portland, OR 97209

Recurrent Energy  
Seth Israel  
300 California Street, 8th Floor  
San Francisco, CA 92109

Tehachapi Area Assoc of Realtors  
Carol Lawhon, Assoc Exe, IOM  
803 Tucker Road  
Tehachapi, CA 93561

Kelly Group  
Kate Kelly  
P.O. Box 868  
Winters, CA 95694

Beyond Coal Campaign/Sierra Club  
Sarah K. Friedman  
1417 Calumet Avenue  
Los Angeles, CA 90026

Robert Burgett  
9261 - 60th Street, West  
Mojave, CA 93501

Structure Cast  
Larry Turpin, Sales Mgr  
8261 McCutchen Road  
Bakersfield, CA 93311

David Walsh  
22941 Banducci Road  
Tehachapi, CA 93561

East Kern Air Pollution Control District

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Lorelei H. Oviatt, AICP, Director  
2700 "M" Street, Suite 100  
Bakersfield, CA 93301-2323  
Phone: (661) 862-8600  
Fax: (661) 862-8601 TTY Relay 1-800-735-2929  
Email: [planning@kerncounty.com](mailto:planning@kerncounty.com)  
Web Address: <http://kernplanning.com/>



**PLANNING AND NATURAL  
RESOURCES DEPARTMENT**

Planning  
Community Development  
Administrative Operations

DATE: January 15, 2021

TO: Surrounding Property Owners within  
1,000 Feet of Project Boundary; and,  
Interested Parties

FROM: Kern County Planning and Natural  
Resources Department  
2700 "M" Street, Suite 100  
Bakersfield, CA 93301

SUBJECT: INITIAL STUDY/NOTICE OF PREPARATION OF AN ENVIRONMENTAL  
IMPACT REPORT – BELLEFIELD SOLAR PROJECT BY 50LW 8ME LLC  
(PP20403)

Dear Sir or Madam:

The Kern County Planning and Natural Resources Department has determined that preparation of an Environmental Impact Report (EIR) is necessary for the proposed project identified below. The purpose of this letter is to notify surrounding property owners within 1,000 feet of the project boundaries of this determination. A copy of the Initial Study/Notice of Preparation (IS/NOP) prepared for this proposed project is available for viewing at the following Kern County website:

<https://kernplanning.com/planning/notices-of-preparation/>

The purpose of the IS/NOP is to describe the proposed project, specify the project location, and to identify the potential environmental impacts of the project so that Responsible Agencies and interested persons can provide a meaningful response related to potential environmental concerns that should be analyzed in the Environmental Impact Report.

You are invited to view the NOP and submit written comments regarding the content of the environmental information in connection with the proposed project should you wish to do so. Due to the limits mandated by State law, your response must be received by **February 15, 2021 at 5:00 p.m.** Comments can be submitted to the Kern County Planning and Natural Resources Department at the address shown above. A Scoping meeting will be held for the project on **Friday, February 5, 2021 at 1:30 p.m.** In compliance with the Governor's Executive Order, the California Department of Public Health's guidelines on gatherings regarding COVID-19, and Kern County Local Emergency Declaration, the scoping meeting required by the CEQA Guidelines will be conducted online. Closed captioning in Spanish will be available to attendees. Instructions for accessing the virtual scoping meeting will be available three (3) days before the virtual scoping meeting on the Kern County Planning and Natural Resources website at <https://kernplanning.com>.

Comments on the scope and content of the NOP should be sent to [CandiaR@kerncounty.com](mailto:CandiaR@kerncounty.com).

Please be advised that any comments received after the dates listed above will still be included in the public record for this project and made available to decision makers when this project is scheduled for consideration at a public hearing. Please also be advised that you will receive an additional notice in the mail once a public hearing date is scheduled for this project. You will also be provided additional opportunities to submit comments at that time.

**PROJECT TITLE:** Bellefield Solar Project by 50LW 8ME LLC (PP20403); GPA #2, Map 195; ZCC #2, Map 195; ZCC #57, Map 196; CUP #1, Map 195; CUP #57, Map 196; and SPA #31, Map 196.

**PROJECT LOCATION:** The proposed project site is located in portions of unincorporated Kern County and the City of California City. The project site is located east of the community of Mojave and the Mojave Air and Space Port Airport (Mojave Airport), straddles State Route (SR) 58, and is just west and south of the Hyundai Proving Ground. SR-58, a four-lane divided highway, provides regional access to the project site. Access to the site would be from Altus Ave, Arroyo Ave, Denise Ave, Sunset Ave, Silver Queen Road, and 20<sup>th</sup>, 30<sup>th</sup>, 50<sup>th</sup> and 70<sup>th</sup> Streets. The site is located within Township 11N, Range 11W, all or portions of Sections 5, 6, 7, 17, 18, 19, 20, 21 (all), 22, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, and 35 and Township 11N, Range 12W, portions of Sections 1 and 2.

**PROJECT DESCRIPTION:** The Bellefield Solar Project by 50LW 8ME LLC (project proponent), is a proposed photovoltaic solar facility and energy storage system capable of producing up to 1,500 megawatt (MW) alternating current (AC) utility-scale solar power with an up to 1,500 MW-hour (MWh) energy storage capacity on approximately 8,371 acres of privately-owned land. The proposed project would be supported by a 230 kilovolt (kV) overhead and/or underground electrical transmission line(s) originating from one or more on-site substation(s)/switchyard(s) and terminating at the Southern California Edison (SCE) Windhub Substation. The combined linear distance of the gen-tie alternatives are 89.6 miles with a width of 200 feet. The collector lines are generally located within or adjacent to the Kern County and/or California City parcels, while the gen-tie alternatives generally originate from the central portion of the Project heading west around Mojave, before reaching Oak Creek Road and SCE's Windhub Substation. The project may require the acquisition of up to 200 feet of privately-owned land, abutting the Oak Creek Road right-of-way for gen-tie routing purposes. The proposed project's permanent facilities would include service roads, a power collection system, communication cables, overhead and underground transmission lines, electrical switchyards, project substations, energy storage system(s), and operations and maintenance (O&M) facilities.

Implementation of the project as proposed includes the following requests:

The proposed project consists of the following requests:

- Kern County
  - General Plan Amendment #2, Map 195
    - From 1.1 (State or Federal Land) to 8.5 (Resource Management) for approximately 82.19 acres; and
    - Amendment to the Circulation Element of the Kern County General Plan to remove road reservations on section and mid-section lines within the Kern County project boundaries.
  - Zone Change Case # 2, Map 195:
    - From A-1 (Limited Agriculture) to A (Exclusive Agriculture) for approximately 5,291.55 acres; and
    - From A-1 MH (Limited Agriculture Mobile Home Combining) to A for approximately 146.71 acres.
  - Zone Change Case #57, Map 196
    - From M-3 PD to M-1 PD for approximately 477.39 acres; and
    - From M-2 PD to M-1 PD for approximately 141.43 acres.

- Issuance of Conditional Use Permit #1, Map 195 to allow for the construction and operation of a 5,438.26-acre PV solar facility with a total project generating capacity, in both Kern County and California City, of up to 1,500 MW of alternating current power and 1,500 MW hours of storage capacity within the A (Exclusive Agriculture) pursuant to Section 19.12.030G of the Kern County Zoning Ordinance.
- Issuance of Conditional Use Permit #57, Map 196 to allow for the construction and operation of a 830.87-acre PV solar facility with a total project generating capacity, in both Kern County and California City, of up to 1,500 MW of alternating current power and 1,500 MW hours of storage capacity within the A (Exclusive Agriculture) pursuant to Section 19.12.030G, M-1 PD (Light Industrial, Precise Development) pursuant to Section 19.36.030G, and M-3 PD (Heavy Industrial, Precise Development) pursuant to Section 19.40.030G of the Kern County Zoning Ordinance.
- Specific Plan Amendment #31, Map 196
  - Amendment to the Circulation Element of the Mojave Specific Plan to remove road reservations on section and mid-section lines within the Kern County project boundaries.
- City of California City (Responsible Agency)

The City of California City is a Responsible Agency under CEQA. For the parcels within California City city limits, the City will require that the applicant acquire a Conditional Use Permit (CUP) from the City to allow for the construction and operation of a solar facility, in the O/RA (Open Space/Residential Agricultural) zone (CUP 19-03), of a 2,103.63-acre PV solar facility with a total project generating capacity, in both Kern County and California City, of up to 1,500 MW of alternating current power and 1,500 MW hours of storage capacity. At present, solar facilities are considered to be a permitted use only in industrial zoned areas in California City. The City is in the process of updating its zoning code to designate solar facilities as a compatible/permitted use in O/RA zoned districts. If deemed necessary by the City of California City, the project proponent may request a zone change from O/RA to M-1 (Light Industrial) for the portion of the facility located in California City. The project proponent has requested to remove the future section and mid-section lines for the portion of the project within the City of California City's jurisdiction. The City will determine during the CUP process (Sec. 9-2-2501 of the California City Municipal Code) what section lines will be required to be preserved and what ones will be removed.

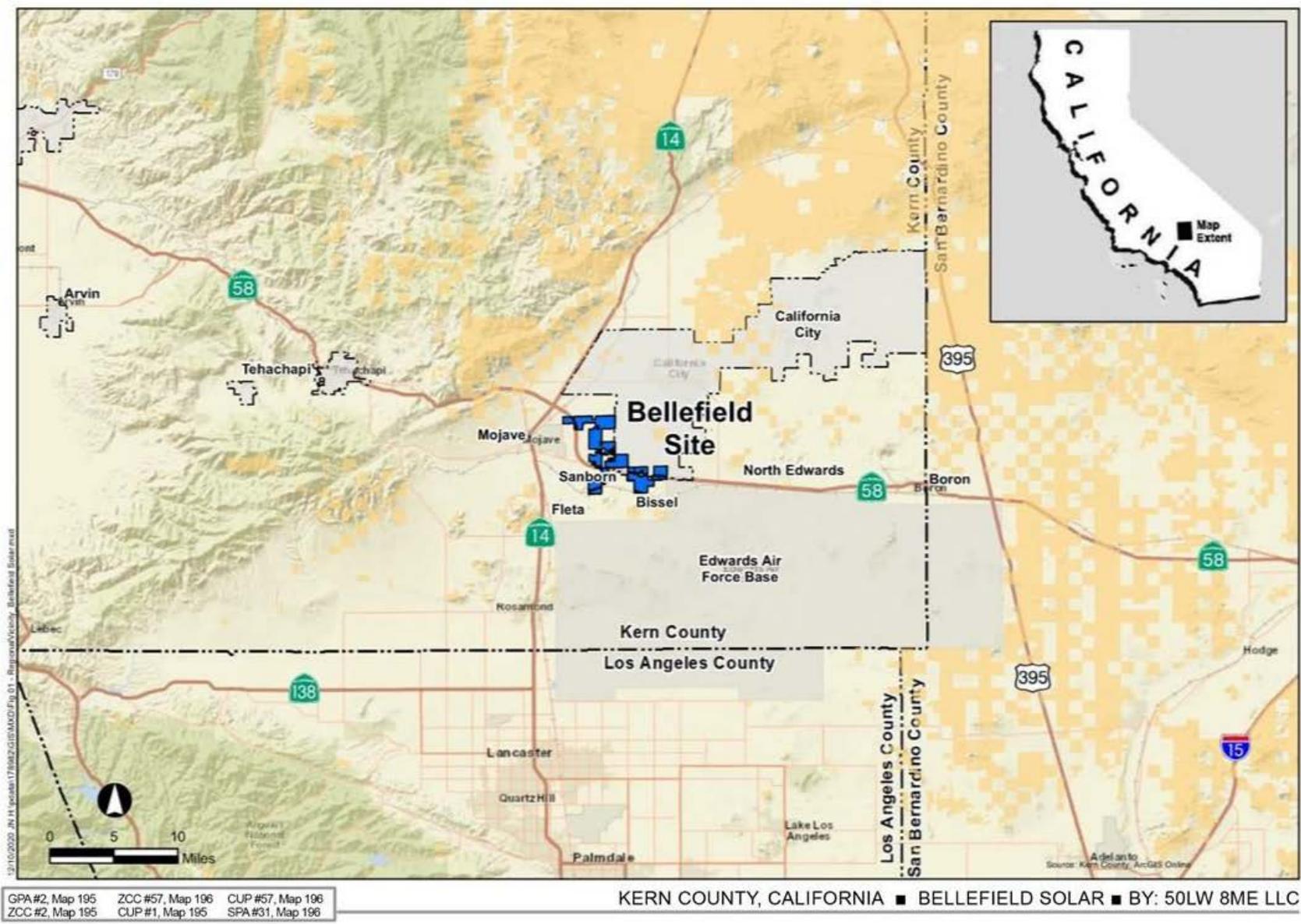
Should you have any questions regarding this project, or the Initial Study/Notice of Preparation, please feel free to contact me at (661) 862-8997 or [CandiaR@kerncounty.com](mailto:CandiaR@kerncounty.com)

Sincerely,

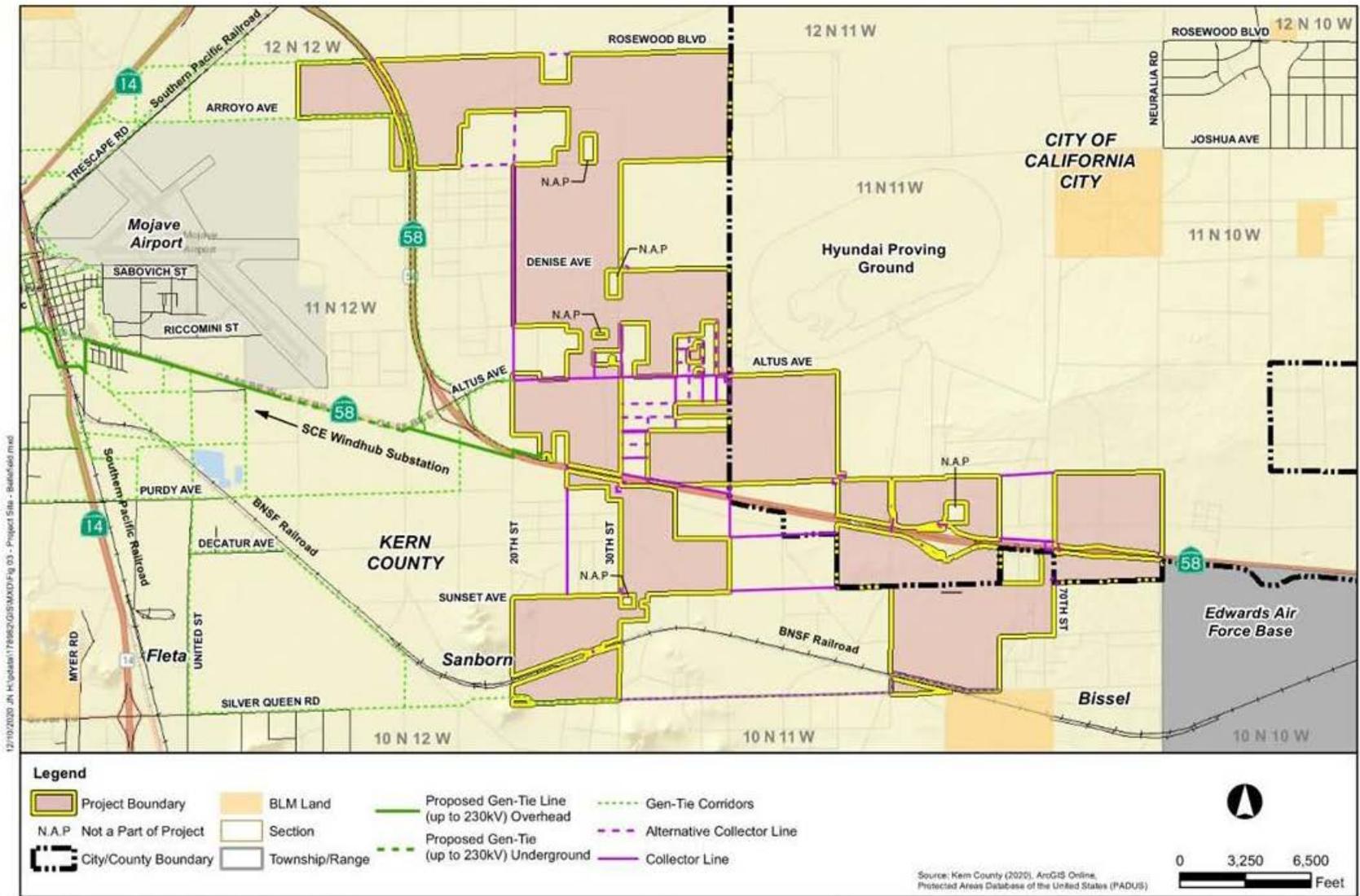


Ronelle Candia, Supervising Planner  
Advanced Planning Division

Attachments: Figure 1 - Vicinity Map and Figure 2 – Project Boundary Map



**FIGURE 1  
VICINITY MAP**



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

KERN COUNTY, CALIFORNIA ■ BELLEFIELD SOLAR ■ BY: 50LW 8ME LLC

**FIGURE 2  
PROJECT BOUNDARY MAP**

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GPA #2; ZC #2; CUP #1, Map #195

WO #PP20403 (EIR 08-19 - Bellefield)  
I:\Planning\WORKGRPS\WP\LABELS\eir  
08-19jj(Bellefield).noa.docx  
Sc 08/05/20 (sc 12/23/20)

235 310 14 00 3  
2318844 ONTARIO INC  
ADDRESS UNKNOWN

**DUP**

235 132 50 00 9  
A T S F RAILWAY CO  
ADDRESS UNKNOWN

**DUP**

428 053 05 00 9  
ADAIR JOHN A & MARILYN V  
3216 NE CLASSIC AV  
BREMERTON WA 98310

235 024 03 00 5  
AEK GLOBAL INVS LLC  
4603 HURFORD TR  
ENCINO CA 91436-3345

235 082 16 00 7  
AFFONSO JANET  
226 DERECHO WY  
TRACY CA 95376-1945

235 101 10 00 7  
AGDEPPA JOSEPH & HELEN LIVING  
TRUST  
928 CALLE DEL PACIFICO  
GLENDALE CA 91208-3019

428 053 04 00 6  
AGRAWAL GYANESH & RAUSHNI  
4232 W AVENUE N  
PALMDALE CA 93551-1293

428 062 27 00 9  
ALAMILLO MARIA CABRERA  
2751 MARENGO ST  
LOS ANGELES CA 90033-2026

235 410 09 00 8  
ALBERTS LARRY & SANDRA  
3860 MISSION HILLS RD  
NORTHBROOK IL 60062-5742

428 093 24 00 6  
ALEXANDER FAMILY TRUST  
112 CANYON VIEW RD  
GEORGETOWN TX 78628-2145

428 093 11 00 8  
ALEXANDER GARY & GIGI  
112 CANYON VIEW RD  
GEORGETOWN TX 78628-2145

235 282 08 00 2  
ALGAZALI SAMIR  
20651 HIGHWAY 202  
TEHACHAPI CA 93561

235 102 35 00 7  
ALLEN FAMILY TRUST A  
5900 LANDFAIR DR  
BAKERSFIELD CA 93309-3677

428 041 11 00 9  
ALMEIDA J & J TRUST  
15625 N 105TH DR  
SUN CITY AZ 85351-1823

235 330 42 00 0  
ALMONTE ROSSANA  
25134 VIA VERACRUZ #3  
LAGUNA NIGUEL CA 92677

235 352 03 00 7  
ALVA FAMILY TRUST  
901 FONTES PL  
WALNUT CA 91789-4313

235 024 06 00 4  
AMADOR FRANCISCO LIV TR  
12000 SLAUSON AV # 14  
SANTA FE SPGS CA 90670

235 380 01 00 6  
AMBERLAND CORP  
6037 N LICHFIELD AV  
MERIDIAN ID 83686

428 042 06 00 2  
AMORUSO FMLY TR  
27178 STARK ST  
SUN CITY CA 92586-2045

428 092 08 00 3  
AMSTERDAM JOSEPH F & ESTHER  
3 PLEASANT LN  
BAY SHORE NY 11706

235 140 33 00 9  
ANA PROPERTIES LLC  
P O BOX 1510  
LA MIRADA CA 90637

235 401 21 00 6  
ANCHETA EDISON O & JANE F  
12038 S RENTON AV  
SEATTLE WA 98178

235 320 17 00 5  
ANDERSON JEFFREY C & PATRICIAL  
5145 VIA DANIEL  
YORBA LINDA CA 92886

235 102 29 00 0  
ANTELOPE VALLEY E KERN WTR AG  
P O BOX 3176  
QUARTZ HILL CA 93534

235 132 56 00 7  
ANTELOPE VALLEY E KERN WTR AG  
ADDRESS UNKNOWN

**DUP**

235 031 32 00 1  
ANTONIO CORAZON G  
6239 GARLAND CT  
NEW PORT RICHEY FL 34652

235 064 16 00 5  
ANZURES FRANK F & GUADALUPE  
FAMILY TR  
5011 LA LUNA DR  
LA PALMA CA 90623-2002

235 282 12 00 3  
AOKI RONALD T & MIDORI  
18566 CORK ST  
FOUNTAIN VLY CA 92708

235 410 27 00 0  
APPELL MICHAEL  
3188 WILLOW CANYON ST  
THOUSAND OAKS CA 91362

235 204 20 00 6  
APPLE VALLEY LAND OWNERS  
3787 E 11TH ST  
LONG BEACH CA 90804

235 282 10 00 7  
ARABI REZA & RAFI SHAHIN  
5330 E HONEYWOOD LN  
ANAHEIM CA 92807-3705

235 300 06 00 7  
ARAUZ DENIS  
940 SW 143 CT  
MIAMI FL 33184

428 202 37 00 8  
ARCA LILIA F  
91-1201 KANEANA ST APT 3-D  
EWA BEACH HI 96706

235 202 14 00 5  
ARCHER FAM TR  
31044 RD 400  
COARSEGOLD CA 93614

235 260 14 00 9  
ARCHER HUTCHISON KAREN  
2421 VICTORIA AV  
OXNARD CA 93035-2969

235 330 38 00 9  
ARELLANO ISIDRO & GABRIEL  
284 FLOWER ST  
PASADENA CA 91104-1016

235 290 06 00 5  
ARMSEY KENNETH K &  
MARGARET H  
21100 STATE ST # 226  
SAN JACINTO CA 92583

235 282 06 00 6  
ASSET RECOVERY INTERNAT LLC  
620 CAMINO DE LOS MARES # E501  
SAN CLEMENTE CA 92673

235 101 02 00 4  
AT & T COMMUNICATIONS CA INC  
340 MT KEMBLE AV  
MORRISTOWN NJ 07960

235 101 40 00 4  
AUYON MIROSLABA  
616 S. PEPPER ST  
ANAHEIM CA 92802

235 340 33 00 7  
AVILES ROGELIO D & TERESA N  
11049 BRIGANTINE ST  
CERRITOS CA 90703-1676

235 282 17 00 8  
AYVAZIAN GEORGE & JULIETTA  
13960 THUNDERBIRD DR # 5G  
SEAL BEACH CA 90740-5364

428 010 03 00 0  
BABBITT ROBERT J  
1709 W AVENUE L12  
LANCASTER CA 93534-6934

235 360 02 00 3  
BABTIWALE SUHAS GOVIND  
TRUST  
13121 ROBIN CT  
CHINO CA 91710-3893

235 290 12 00 2  
BADKUBEI SURVIVORS TRUST  
1560 COLINA DR  
GLENDALE CA 91208-2413

428 102 23 00 8  
BAGHGERAGIAN BERGE  
1905 N VALLEY ST  
BURBANK CA 91505

235 281 19 00 7  
BAGWELL BETH TR  
235 KUUPUA  
KAILUA HI 96734

428 041 33 00 3  
BAHMAN NOSRATOLAH  
23116 BIGLER ST  
WOODLAND HILLS CA 91364

235 064 31 00 8  
BARAJAS JAVIER & MARTHA  
6275 W CROW CT  
SUN VALLEY NV 89433-6623

428 041 20 00 5  
BARBER AUDREY M TRUST  
5954 NEWBURY CI  
MELBOURNE FL 32940-1880

235 300 11 00 1  
BARBER GROVER TR  
1514 W ALEXIS AV  
ANAHEIM CA 92802

428 052 03 00 6  
BARNARD KEVIN  
2708 COUNTRY CLUB DR  
ESCONDIDO CA 92029

235 353 15 00 9  
BARNETT L C & KAILIWAI  
BARNETT F Y TR  
5604 W AVENUE L1  
QUARTZ HILL CA 93536-4419

235 370 09 00 7  
BARNHART CHARLES A & EVELYN  
TR  
325 KEMPTON ST 203  
SPRING VALLEY CA 91977-5899

428 212 11 00 5  
BASTIDA ROGELIO & VICTORIA  
2848 AUGUSTA WY  
SANTA ANA CA 92706-1121

235 134 17 00 8  
BAUER DENNIS JAMES  
14420 CARLSBAD ST  
SYLMAR CA 91342-5112

235 134 05 00 3  
BEDOLLA TERESA  
3713 WILLIAM DEHAES DR APT  
2103  
IRVING TX 75038-8918

235 410 04 00 3  
BELL LAWRENCE W & VERA G  
701 W RIVERSIDE DR  
CARLSBAD NM 88220-5221

235 192 07 00 3  
BELTRAN TR & BERG N & M TR  
25175 LUNA BONITA DR  
LAGUNA HILLS CA 92653-5650

234 520 22 00 0  
BEMENT PAULINE E TR  
1800 DRUMMOND AV  
RIDGECREST CA 93555-8970

428 232 28 00 1  
BERGMANS ELBERT H  
1661 KAISER ST  
FALLON NV 89406-3145

428 202 28 00 2  
BERNALES CHERRY B CUSTDN  
1977 8TH ST  
LOS OSOS CA 93402

235 140 01 00 6  
BEVERLY ARNOLD  
PO BOX 43512  
LAS VEGAS NV 89116-1512

235 140 30 00 0  
BICKEL LEE & CATHY  
2411 HILL ST  
HUNTINGTON PARK CA 90255

428 051 13 00 8  
BIDINOST LIDIA  
2305 6TH ST  
CONCORD CA 94519

235 340 32 00 4  
BILLUPS JOHN R 111 & BARBARA  
FAMILY TR  
134 RAINIER CT  
CHULA VISTA CA 91911-5423

428 093 08 00 0  
BIMBI ANNA  
1015 9TH ST APT 202  
SANTA MONICA CA 90403-4130

235 064 18 00 1  
BISNETT MICHAEL J  
2411 GRAPEVINE DR  
OXNARD CA 93036-1576

235 270 14 00 2  
BITTON JANELL  
25202 FAIRGREEN  
MISSION VIEJO CA 92692-2882

235 191 10 00 4  
BIVEN EARL U  
6352 SIERRA ELENA RD.  
IRVINE CA 92715-3927

235 290 03 00 6  
BLANKE CHAD & TAYLOR LINDA  
895 7TH ST  
OGDEN UT 84404-5159

235 024 36 00 1  
BLANKE CHAD A  
865 7TH ST  
OGDEN UT 84404-5159

235 134 15 00 2  
BLANKE CHAD A  
895 7TH ST  
OGDEN UT 84404-5159

**DUP**

235 204 22 00 2  
BLAUSTEIN MARK MORRIS  
1557 TIMBERLINE  
BEAUMONT CA 92223-3438

235 310 21 00 3  
BLEHM BROS 2014 TRUST  
14613 W BELMONT AV  
KERMAN CA 93630-9602

235 270 16 00 8  
BLUME BERNARD E & MARY E  
P O BOX 158  
LA MIRADA CA 90637

428 200 02 00 2  
BNSF RAILWAY CO  
PO BOX 961039  
FORT WORTH TX 76161

428 171 03 00 4  
BOBBITT JANET J  
9000 5TH AV  
INGLEWOOD CA 90305

235 065 16 00 2  
BOBIAS SIMPLICIO B &  
VALENTINA  
2201 FRANCIS AV  
SANTA CLARA CA 95051

235 064 09 00 5  
BOEHM HERBERT & MARIE  
2255 W AVE M8  
PALMDALE CA 93551-1394

234 520 24 00 6  
BOLANOS JAIME & JUANA  
37631 CHERRY DR  
PALMDALE CA 93550

428 093 26 00 2  
BOQUILLA ARTURO & CELEDONIA  
1215 S WESTLAKE AV  
LOS ANGELES CA 90006

235 300 05 00 4  
BOWDEN DOREEN FAMILY TRUST  
3235 COBBLESTONE DR  
SANTA ROSA CA 95404

235 191 09 00 2  
BRACAMONTES FRANCISCA  
4889 INGLEWOOD BL  
CULVER CITY CA 90230-5861

428 093 10 00 5  
BRADER ANITA M  
3689 S STATE HIGHWAY J  
SPRINGFIELD MO 65809-4350

235 330 28 00 0  
BREMNER ROCHELLE  
22356 WEST PARAGON DR  
SAUGUS CA 91350

235 290 01 00 0  
BROCKMANN JOYCE A  
24359 LAWTON AV  
LOMA LINDA CA 92354-3317

428 052 10 00 6  
BROCKMANN JOYCE ANN  
24359 LAWTON AV  
LOMA LINDA CA 92354-3317

235 330 12 00 3  
BRODER RONALD S & LISA ANN  
REV TR  
12021 FOSTER RD  
LOS ALAMITOS CA 90720

428 093 20 00 4  
BROWNSON RONALD L & ANNA M  
FAMILY TRUST  
2946 S MICHAEL ST  
VISALIA CA 93292-1117

235 204 32 00 1  
BUCHAN DOUGLAS JR  
4317 W SPARROW SPRINGS LP 304  
BARTLETT TN 38135

235 202 04 00 6  
BULL JACK W  
15514 CALLE HERMOSA  
SANTA CLARITA CA 91390-1014

428 171 04 00 7  
BURNS YVONNE  
830 RIESSER RD  
GRANTS PASS OR 97526-9374

235 353 07 00 6  
BURSIK GEORGE REV TR  
113 W MINARETS  
PINEDALE CA 93650

235 340 40 00 7  
BURTON STANLEY C & LARAIN B  
718 SYCAMORE AV STE 150  
VISTA CA 92083-7901

235 134 18 00 1  
BUSH DAVID ALAN  
15577 ROCKWELL AV  
FONTANA CA 92336-4177

235 181 13 00 0  
BUSH FAMILY TRUST  
4095 FRUIT ST SP 212  
LA VERNE CA 91750-2919

235 134 19 00 4  
BUSH KAREN L  
737 PEPPERMINT WY  
PRESCOTT AZ 86305

428 042 11 00 6  
BXI TRADE EXCHANGE INC  
4616 W SAHARA AV # 317  
LAS VEGAS NV 89102-3654

235 101 45 00 9  
CA KERN LP  
22160 VENTURA BL  
WOODLAND HILLS CA 91364

235 202 02 00 0  
CACHOLA ROSARIO L & ARLENE B  
19000 VISTA GRANDE WY  
NORTHRIDGE CA 91326

235 031 37 00 6  
CAL CITY 118 VENTURES LLC  
12671 HIGH BLUFF DR  
SAN DIEGO CA 92130

235 182 01 00 2  
CAL R E SAVINGS  
P O BOX 3694  
VICTORVILLE CA 92393

235 101 50 00 3 **DUP**  
CALIF CITY CITY OF  
21000 HACIENDA BL  
CALIFORNIA CITY CA 93505

235 031 36 00 3  
CALIF CITY SUCCESSOR AGENCY  
21000 HACIENDA BL  
CALIFORNIA CITY CA 93505-2293

235 101 37 00 6  
CAMARA MARGARET ELDRED  
TRUST  
PO BOX 1024  
PISMO BEACH CA 93448-1024

235 172 07 00 7  
CAMENETI MICHAEL ALAN  
30634 PERSIMMON LN  
VALLEY CENTER CA 92082-5265

235 310 15 00 6  
CAMPBELL BRADLEY C TRUST  
22394 MONTERA CT  
SALINAS CA 93908-1024

235 380 11 00 5  
CAMPBELL MARGARET J  
17481 US ROUTE 11 # 111  
WATERTOWN NY 13601-5356

235 191 07 00 6  
CAMPBELL SHANNON M  
12885 OAK TREE LN  
POWAY CA 92064-6048

428 093 14 00 7  
CANU ANTHONY J TRUST  
PO BOX 1440  
TUSTIN CA 92781-1440

235 202 09 00 1  
CARDENAS IGNACIO M &  
ADELAIDA  
25713 MESA EDGE CT  
MENIFEE CA 92585-8970

235 134 02 00 4  
CARDER ALDEN BRENT & NAN  
REV TR  
6120 EAST AVENUE G  
LANCASTER CA 93534

235 290 11 00 9  
CARLSON CHILDRENS TR  
25612 GOLDENSPRING DR  
DANA POINT CA 92629-1537

235 310 16 00 9  
CARLSON HERB TR  
25612 GOLDENSPRING DR  
DANA POINT CA 92629-1537

428 092 16 00 6  
CARLSON RAYMOND L & LIVIA  
2271 E VAN OKER ST  
MERIDIAN ID 83642

235 282 23 00 5  
CARRILLO JESUS  
7900 HERMOSILLO DR  
EL PASO TX 79915

428 231 25 00 5  
CARTEE DAVID R & JANICE E  
14795 GROVE ST  
HEALDSBURG CA 95448-4819

235 282 14 00 9  
CASANO WILLIAM A  
797 GUADALUPE RD  
ARROYO GRANDE CA 93420-5815

235 102 09 00 2  
CASE FAMILY TRUST  
155 W 226TH PL  
CARSON CA 90745-3714

235 191 04 00 7  
CATBAGAN POMPEYO &  
ADELAIDA Z  
2354 PERU ST  
LOS ANGELES CA 90039

235 192 06 00 0  
CEDERLIND LEON E LIV REV TR  
807 W 15 RD  
PHILLIPS NE 68865-3704

235 101 35 00 0  
CHAN FAMILY TRUST B  
11584 MURPHY ST  
LOMA LINDA CA 92354-3620

235 353 09 00 2  
CHANDLER HAROLD D  
3825 DIAMOND RIDGE ST  
LAS VEGAS NV 89129

235 282 29 00 3  
CHANG BARBARA  
2320 RIM RD  
DUARTE CA 91010-1239

235 102 27 00 4  
CHANG IK HOON & SOON HEE  
1722 CHANTILLY LN  
FULLERTON CA 92833-1288

235 370 06 00 8  
CHANG JERRY K  
6920 LACEY ST  
CHINO CA 91710-8300

428 082 12 00 1  
CHAPMAN ROBERT & CANDACE  
10651 SOMMA WY  
LOS ANGELES CA 90077

235 330 01 00 1  
CHASE WILLIAM P & AMELIA  
5637 VIRGINIA AV  
LOS ANGELES CA 90038

428 053 09 00 1  
CHAU FAMILY TRUST  
917 LEXINGTON AV  
MONTEBELLO CA 90640-2528

235 082 26 00 6  
CHAVEZ RODOLFO M & DOLORES  
TR  
1631 E FRUIT ST  
SANTA ANA CA 92701

235 024 20 00 4 **DUP**  
CHELL ERIK & STADIN VERA TR  
ADDRESS UNKNOWN

428 010 11 00 3  
CHENG SUE HOA  
1942 SAMARA DR  
ROWLAND HEIGHTS CA 91748

428 240 66 00 0  
CHENG TR  
1917 ERNEST AV  
REDONDO BEACH CA 90278

235 352 11 00 0  
CHIU STEVE H-K  
2360 TERRAZA PL  
FULLERTON CA 92835

235 064 33 00 4  
CHOI MABEL  
605 OAK ST  
BOONTON NJ 07005-1253

302 242 01 00 8  
CHOKSI NISHITH & MINAXI  
12903 MOORESHIRE DR  
CERRITOS CA 90703

428 041 18 00 0 **DUP**  
CHUA CARLOS C & VIRGINIA S  
ADDRESS UNKNOWN

235 270 28 00 3  
CLOVIS WAYNE H & SANDRA A  
1101 N THORNBUSH CI  
ARLINGTON TX 76013

235 134 06 00 6  
COLTON RONALD & JOAN SUR  
3600 DRAGONFLY DR APT 204  
THOUSAND OAKS CA 91360-8455

428 051 02 00 6  
COMPTON FAM TR  
38214 SUNNY DAYS DR  
PALM DESERT CA 92211-1204

235 300 07 00 0  
COOK LORAIN TODD  
4984 BOWIE CT  
SIMI VALLEY CA 93063-1402

235 380 05 00 8  
COONS ARTHUR L & MARILYN J  
8446 ROAD 224  
TERRA BELLA CA 93270-9310

235 024 28 00 8  
CORBET MARY S  
23951 DECORO DR APT 220  
VALENCIA CA 91354-4957

235 310 07 00 3  
COUGHRAN FAMILY TR  
5081 SAUSALITO CI  
LA PALMA CA 90623-2222

235 320 11 00 7  
CRUZ MARIA ROWENA D  
100 MOUNTAIN VIEW RD  
HOT SPRINGS NC 28743-7182

428 231 29 00 7  
CURTIS ADRIANA  
22583 FLAMINGO ST  
WOODLAND HILLS CA 91364-4917

234 520 09 00 3  
DAMASO ROMULO F & DOLORES  
TRUST  
1013 ATTICUS AV  
HENDERSON NV 89015-5962

235 024 11 00 8  
DANE BROCK SHARON M TR  
P O BOX 411715  
LOS ANGELES CA 90041-8715

235 401 11 00 7  
DANG HIEU NGOC  
614 W JUANITA AV  
GILBERT AZ 85233-2672

235 310 25 00 5  
DANIELS FRED JR  
17701 S AVALON BL # 262  
CARSON CA 90746

428 093 12 00 1  
DAREJEH MELISSA  
4208 ALHAMA DR  
WOODLAND HILLS CA 91364

235 353 23 00 2  
DARRINGTON RITA B  
6728 SHERBOURNE DR  
LOS ANGELES CA 90056

428 231 02 00 8  
DATWYLER REV TR  
1190 FLYING FISH ST  
FOSTER CITY CA 94404

428 202 35 00 2  
DAVIS RANDOLPH S & MELINDA  
24 SYDNEY CI  
HARPERS FERRY WV 25425

235 352 12 00 3  
DE CASAS MAGDALENA H  
7532 TROOST AV  
NO HOLLYWOOD CA 91605-3305

428 053 07 00 5  
DE LA PENA PATRICIA A  
410 HUMPHREY DR  
BUDA TX 78610-3133

235 024 07 00 7  
DE LOS SANTOS WILLIAM A  
960 CARRIAGE LN  
WALNUT CA 91789

428 052 14 00 8  
DE MONTE FAMILY TRUST A  
2545 OCOTILLO AV  
SANTA MARIA CA 93455-1613

428 053 16 00 1  
DE MONTE FAMILY TRUST A  
2423 NICKLAUS DR  
SANTA MARIA CA 93455-1524

428 231 26 00 8  
DE MONTE RALPH E  
2446 DUNSTAN ST  
OCEANSIDE CA 92054-5727

235 282 18 00 1  
DE MOSS ROBERT G TR  
3706 WOODROFF  
LONG BEACH CA 90808

235 111 16 01 7  
DE VILLA AMADO MAGNATE &  
LEONILA VERGARA  
1134 HYATT AV  
WILMINGTON CA 90744-3622

235 112 03 00 7  
DEAN LESLIE I  
5528 N 50TH AV  
OMAHA NE 68104-1838

235 410 16 00 8  
DEDOMENICO FAM TR  
16 VIA MONTANERO  
SANTA MARGARITA CA 92688

235 402 02 00 8  
DEGUZMAN ROSALINO & ROSA  
915 WEST LAS FLORES  
SANTA MARIA CA 93454

244 234 15 00 7  
DEL SOL PROPERTIES  
12121 WILSHIRE BL STE 600  
LOS ANGELES CA 90025

235 064 17 00 8  
DEL SOL PROPERTIES INC  
12121 WILSHIRE BL STE 600  
LOS ANGELES CA 90025

**DUP**

235 370 10 00 9  
DELA CRUZ VICENTE & MA  
CECILIA  
2527 ARF AV  
HAYWARD CA 94545-4108

235 121 06 00 2  
DELACRUZ EDGARDO L  
22720 NICOLLE AV  
CARSON CA 90745

235 111 27 00 0  
DELACRUZ EDGARDO L ET AL  
22720 NICOLLE AV  
CARSON CA 90745

235 290 08 00 1  
DELGADO RICARDO  
11766 PEARWOOD AV  
SAN FERNANDO CA 91340

235 353 19 00 1  
DENNIS WAYNE D  
32606 OAK PARK DR  
LEESBURG FL 34748-8726

428 232 25 00 2  
DINH LONG T & NGUYEN VIVIEN U  
4105 SERGIO CT  
BAKERSFIELD CA 93311

235 360 08 00 1  
DISCOUNTLAND INC  
2261 MONACO DR  
OXNARD CA 93035-2915

428 093 15 00 0  
DO HIEU VAN  
3021 BOWEN ST  
GARDEN GROVE CA 92843

235 082 03 00 9  
DO HUAN X & NGUYEN N YEN  
5414 W FLIGHT AV  
SANTA ANA CA 92704

235 082 02 00 6  
DO HUAN X & NGUYEN YEN N  
5414 W FLIGHT AV  
SANTA ANA CA 92704

**DUP**

235 353 13 00 3  
DODD BILL & NOREEN FAMILY  
TRUST  
1659 W POLO GREEN AV  
POST FALLS ID 83854

235 132 13 00 2  
DORSETT DANA P  
87 HICKS ST # 2B  
BROOKLYN NY 11201

235 340 29 00 6  
DRAHOS CHET J & RITA MAY  
1200 S CATALINA AV APT 106  
REDONDO BEACH CA 90277-4934

235 353 05 00 0 **DUP**  
DUNATTE ALFRED & CATHERINE  
ADDRESS UNKNOWN

235 101 38 00 9  
DUNCAN KAY ANN  
38721 ROMA CT  
PALMDALE CA 93550-8137

235 082 22 00 4  
DUNNE WILBUR P  
1256 N PALO VERDE LN  
COOLIDGE AZ 85228

235 310 18 00 5  
DUNWOODY KENT & COLLEEN TR  
20142 HAYFIELD LN  
TEHACHAPI CA 93561-7819

428 053 03 00 3  
DUONG SANG VAN  
2302 SAHARAH DR  
GARLAND TX 75044

235 204 35 00 0  
DUTRA GERALD O TR  
2845 CARRADALE DR  
ROSEVILLE CA 95661-4047

235 310 22 00 6  
EAGLE DESERT VISTA CORP  
PO BOX 2470  
VICTORVILLE CA 92393-2470

428 010 04 00 3  
EAST KERN AIRPORT DIST  
MOJAVE AIRPORT  
MOJAVE CA 93501

235 360 01 00 0  
EDDINS ERVIN R & SHIRLEY TR  
8368 ORA BELLE LN  
EL CAJON CA 92021

428 102 24 00 1  
EDEJER SHIRLEY BARRERA  
10913 HOBACK ST  
NORWALK CA 90650-3553

235 112 09 00 5  
EDGE ERNEST W ET AL  
45657 TOWNE ST  
INDIO CA 92201

235 310 04 00 4  
EGLASH STEVEN M  
5580 BILL CODY RD  
HIDDEN HILLS CA 91302-1101

235 300 01 00 2  
EISIKOWITZ JEFFREY L & LINDA V  
10341 MONOGRAM AV  
GRANADA HILLS CA 91344-6763

235 320 09 00 2  
EL PASO NATURAL GAS CO  
PO BOX 4372  
HOUSTON TX 77210-4372

235 340 13 00 9  
ELLI NATIVEDAD M  
16413 TAYLOR CT  
TORRANCE CA 90504-1917

428 041 17 00 7  
ELLIS CHARLES L & EMMA J TR  
4432 PACIFIC COAST HW  
TORRANCE CA 90505-5666

235 370 02 00 6  
ENRIQUEZ ERIC J  
13917 NORDHOFF ST  
ARLETA CA 91331

235 260 15 00 2  
ENRIQUEZ MICHAEL JASON  
13917 NORDHOFF ST  
ARLETA CA 91331

235 353 26 00 1  
EPPERLY ELGIN SHONNE E &  
ELGIN STEPHEN H  
5559 IVYWOOD CT  
FORESTHILL CA 95631-9754

235 310 09 00 9  
ERIN NICOLE LLC  
1801 W AVENUE K  
LANCASTER CA 93534

235 022 05 00 7  
EVANGELICAL MISSION &  
SEMINARY INTERNAT INC  
36 ALPINE RD  
TOWACO NJ 07082

235 320 13 00 3  
EWASKEY LEONARD L & MARY R  
EWASKEY TRUST  
3431 MARBER AV  
LONG BEACH CA 90808

235 401 10 00 4  
FABELA MANUEL & EUFEMIA ET  
AL  
3436 GREENACRE DR  
SANTA MARIA CA 93455-2454

235 024 16 00 3  
FAIR GREGORY & NATALIE FAM  
TR  
999 BISHOP ST # 2100  
HONOLULU HI 96813-4443

235 111 01 00 4  
FAMILY NURSERY CO INC  
PO BOX 389  
VICTORVILLE CA 92393-0389

235 112 02 00 4  
FANE ELOIS J REV LIV TR  
2466 S LAUREEN AV  
FRESNO CA 93725

235 102 17 00 5  
FELLOWS MARY G TR  
12200 SIERRA VIEW  
BORON CA 93516

235 310 30 00 9  
FERGUSON OPAL M  
75 GOLF ESTATES RD  
EASTSOUND WA 98245

235 064 10 00 7  
FIRST EQUITABLE REAL EST INC  
6720 SUNSET BL  
LOS ANGELES CA 90028

235 101 05 00 3  
FISCHIETTO FREDERICK C  
1604 VALLEY VIEW CT  
ROSEVILLE CA 95661

**DUP**

235 101 04 00 0  
FISCHIETTO FREDRICK C &  
ROBERT  
1604 VALLEY VIEW CT  
ROSEVILLE CA 95661

235 204 34 00 7  
FLOWERS SHARRON M TR  
4093 HILLSIDE AV  
NORCO CA 91761

428 231 03 00 1  
FOGLI FAMILY ENTERPRISES LLC  
260 PORTOLA DR  
SAN MATEO CA 94403-2327

428 042 24 00 4  
FOLGARELLI GENEVIEVE  
29950 LARRABEE ST  
HAYWARD CA 94544-6808

428 041 31 00 7  
FORECAST LAND CORP  
PO BOX 36  
WOODLAND HILLS CA 91365-0036

235 282 16 00 5  
FOREMAN ALBERTA F TR  
1637 NORWOOD HILLS DR  
O FALLON MO 63366

428 102 07 00 2  
FOWLER RHUDOLPH W & NANCY H  
REV TR  
8 STEVENS CREEK CI  
DURANGO CO 81301

428 102 28 00 3  
FOWLER RHUDOLPH W & NANCY H  
REV TR  
2622 BAYSIDE WALK  
SAN DIEGO CA 92109-8265

428 052 05 00 2  
FREY KURT & MARTHA  
630 BROOKSIDE AV  
REDLANDS CA 92373

235 352 08 00 2  
FRIEDMAN ESTHER  
23427 BLYTHE ST  
CANOGA PARK CA 91304-4496

428 062 29 00 5  
FRISINGER FMLY TR  
6281 TURNBERRY CI  
HUNTINGTON BCH CA 92648

428 231 17 00 2  
FUNG RONALD & MARIE TR  
128 CREEDON CIRCLE  
ALAMEDA CA 94502

235 330 35 00 0  
FUTURE ESTS LAND HOLDINGS  
LLC  
P O BOX 304  
HERMOSA BEACH CA 90254

235 102 38 00 6  
GAETZ MICHAEL P  
10816 SHELLABARGER RD  
BAKERSFIELD CA 93312

235 031 22 00 2  
GANDINGCO GUADALUPE R TRS  
341 THIRD AV  
DALY CITY CA 94014

235 320 18 00 8  
GANNON FAMILY TRUST  
8467 LOWER SCARBOROUGH CT  
SAN DIEGO CA 92127-6119

428 202 50 00 5  
GAOIRAN LUIS G & TERESITA T  
440 KEA ST  
KAHULUI HI 96732-1424

235 204 33 00 4  
GAPUZ CHRISTOPHER A  
1834 ARROYO DE PLATINA  
SAN JOSE CA 95116-1328

428 202 24 00 0  
GARCES ART  
1313 N GRAND AV  
WALNUT CA 91789-1374

428 092 15 00 3  
GARCIA BENEDICTO F & SIMPLICIA  
D TRUST  
536 N ST ANDREWS PL  
LOS ANGELES CA 90004

235 082 09 00 7  
GARRETT MURRAY  
4430 ATOLL  
SHERMAN OAKS CA 91403

235 202 08 00 8  
GARRIDO MARLIS JO ANN  
809 BUNDY DR # 309  
W LOS ANGELES CA 90049

235 410 15 00 5  
GATES MAUREEN E  
25301 PIZARIO  
EL TORO CA 92630

429 030 02 00 0  
GENUS L P  
2006 HIGHWAY 395  
FALLBROOK CA 92028

428 232 27 00 8  
GERGIS NASR N & LAURICE R  
1544 LEANNE TL  
WALNUT CA 91789

235 111 04 00 3  
GERSTNER DAN & SILVIA FAM TR  
P O BOX 545  
SAN GABRIEL CA 91776

235 111 10 00 0  
GERSTNER SILVIA SEPARATE  
TRUST  
P O BOX 545  
SAN GABRIEL CA 91778

235 340 15 00 5  
GIBSON PAULINE C LIVING TRUST  
1008 VALLEY RD  
EVERGREEN CO 80439

235 410 05 00 6  
GILES BRUCE I  
601 WEST GILES RD  
MUSKEGON MI 49445

235 191 06 00 3  
GILL NANCY G  
11572 MORNING SPRING CT  
CUPERTINO CA 95014-5121

235 204 21 00 9  
GILSDORF E G SR & B A & S  
248 PARK LAKE DR  
BULLHEAD CITY AZ 86429-7252

235 065 05 00 0  
GIRARD JASON CLINTON  
ADDRESS UNKNOWN **DUP**

235 121 07 00 5  
GIVENS WALTER  
2158 WEST 82ND ST  
LOS ANGELES CA 90047

235 192 08 00 6  
GOMES DANIEL  
3630 W BOUQUET AV  
ANAHEIM CA 92804-4611

235 340 24 00 1  
GOMEZ M G & MARTIN A ET UX  
12315 VAN WICKLIN AV  
SYLMAR CA 91342

235 171 09 00 6  
GOMEZ WENDY 273228 TRUST  
PO BOX 6492  
ORANGE CA 92863

428 042 22 00 8  
GONZALES DOLORES  
2748 STOCKTON AV  
ANAHEIM CA 92801

235 101 16 00 5  
GONZALEZ JOSE  
4804 PASSONS BL  
PICO RIVERA CA 90660

235 401 23 00 2  
GONZALEZ JOSE CASTRO  
PO BOX 20027  
OXNARD CA 93034-0027

235 401 01 00 8  
GONZALEZ RAYMOND LARA  
PO BOX 20027  
OXNARD CA 93034-0027

235 024 04 00 8  
GOTO BEN T SURVIVORS TRUST  
1631 WEST CRAIG PL  
SAN PEDRO CA 90732

428 082 13 00 4  
GRACE ONE HOLDINGS LLC  
17012 ROPER ST  
MOJAVE CA 93501-1689

428 093 23 00 3  
GREEN KEVIN A TR  
42450 NORTH 12TH ST WEST  
LANCASTER CA 93534

235 310 02 00 8  
GREEN WILMA J TRUST  
ADDRESS UNKNOWN **DUP**

235 310 11 00 4  
GRIZZELL DALE & ELEDA TR ET AL  
4168 MISTY HOLLOW CT  
MOORPARK CA 93021-3327

235 111 06 00 9  
GROSS KENNETH J & KAREN J  
9391 PIONEER LN  
GLEN IVY CA 92883

235 402 01 00 5  
GUERVARA ALMA N SANTELIZ  
P O BOX 564  
MARINA CA 93933

428 042 07 00 5  
HA JUNE GI & KYUNG SOON  
23010 PASEO DE TERRADO U 3  
DIAMOND BAR CA 91765-2239

235 102 40 00 1  
HAI FRANCIS & BETTINA  
4732 BULOVA ST  
TORRANCE CA 90503-1468

235 024 29 00 1  
HALEY LAURIE J  
15818 N 60TH AV  
GLENDALE AZ 85306-2323

428 202 19 00 6  
HALL JON BERNARD & JANET  
12830 QUAKER HILL CROSS RD  
NEVADA CITY CA 95959-9514

428 051 10 00 9  
HALL TR  
6735 W GOLDEN LN APT 29  
PEORIA AZ 85345-4373

235 370 04 00 2  
HALLETT JAMES A & PATRICIA P  
5075 WILLOW HILLS LN  
CINCINNATI OH 45243-4219

235 082 28 00 2  
HALYARD DANIEL & BETTY REV  
TR  
1461 GATEWAY DR  
VALLEJO CA 94589

235 082 11 00 2  
HAMER ERNESTINE  
1 SAGE CANYON RD  
POMONA CA 91766-4868

235 102 14 00 6  
HAMMER CHRISTOPHER DAVID  
21702 FLAMENCO  
MISSION VIEJO CA 92692-1016

235 380 07 00 4  
HANSEN DENNIS V  
PO BOX 773  
BIG BEAR LAKE CA 92315-0773

235 171 03 00 8  
HARA MINA TR  
537 E PROCTOR ST  
WILMINGTON CA 90744-1530

428 212 10 00 2  
HARDIN ROBERT L & PHYLLIS M  
TREMBLE  
4316 W HOPI TR  
LAVEEN AZ 85339-2063

235 310 32 00 5  
HARFORD AARON  
15952 K ST APT 4  
MOJAVE CA 93501-1753

428 052 06 00 5  
HARING ISOBEL S REV TR  
2294 MORGAN RD  
CARLSBAD CA 92008-7114

235 352 09 00 5  
HARKAY NICOLAS & GABRIELLE  
6430 LONGRIDGE AV  
VAN NUYS CA 91401

235 082 07 00 1  
HARKIRAT & GURMAIL FAMILY  
TRUST  
636 AZURE HILLS DR  
SIMI VALLEY CA 93065-5517

235 111 15 00 5  
HARMON WILLIAM F  
12124 MONROVIA  
OVERLAND PARK KS 66213

234 520 10 00 5  
HARO FERNANDO L & NELLY D  
16303 RIDGE VIEW DR  
APPLE VALLEY CA 92307-1243

235 024 18 00 9  
HAYES DORIS  
PO BOX 4074  
INGELWOOD CA 90309

428 232 09 00 6  
HELGESEN ROBERT MAURICE JR  
8 BILTMORE ESTATE U 318  
PHOENIX AZ 85016-2852

302 243 10 00 1  
HELMAND ROBERT B  
15210 N SCOTTSDALE RD STE 230  
SCOTTSDALE AZ 85254-8217

235 192 15 00 6  
HEMMINGSSEN GEORGE TR  
700 I AV  
CORONADO CA 92118

428 010 10 00 0  
HENG LIPMENG & LYCHHENG  
1942 SAMARA DR  
ROWLAND HEIGHTS CA 91748-2510

235 282 31 00 8  
HENRY MONTY L & GLORIA J  
22118 SCHOOLCROFT ST  
CANOGA PARK CA 91303

302 243 03 00 1  
HERBST MICHAEL T  
11 LYNBROOK RD  
TRUMBULL CT 06611

235 270 18 00 4  
HERNANDEZ AQUILINO & ROJAS B  
15103 CABELL AV  
BELLFLOWER CA 90706-3718

235 064 06 00 6  
HERNANDEZ CESAR A & DORY J  
1242 S ROWAN AV  
LOS ANGELES CA 90023

235 352 15 00 2  
HERNANDEZ MARY-ANNE  
33E CAMBRIDGE CT  
LAKEWOOD NJ 08701-6293

235 340 26 00 7  
HERRERA LEONARDO C  
5715 HAROLD WY APT 105  
LOS ANGELES CA 90028-6794

428 041 23 00 4  
HI TECH UNIVERSE  
19638 EAGLE RIDGE LN  
NORTHRIDGE CA 91326

235 282 28 00 0  
HIGA FAMILY TRUST  
2317 W 177TH ST  
TORRANCE CA 90504-4228

235 061 02 00 3  
HIGHWAY 58 PROP LLC  
4370 LA JOLLA VILLAGE DR,  
STE 960  
SAN DIEGO CA 92122

235 065 17 00 5 **DUP**  
HIGHWAY 58 PROP LLC  
4370 LA JOLLA VILLAGE DR STE  
960  
SAN DIETO CA 92122

235 282 22 00 2  
HIGHWAY 58 PROP LLC  
4370 LA JOLLA VILLAGE DR # 960  
SAN DIEGO CA 92122

428 051 15 00 4  
HO DAVID W & IRENE M  
309 E MARSHALL ST  
SAN GABRIEL CA 91776-3805

428 202 23 00 7  
HOFFMAN SIGEL J & GUANELL C  
P O BOX 1059  
BAKERSFIELD CA 93302

235 064 25 00 1 **DUP**  
HOLLOSCHUTZ LEON TRUST  
ADDRESS UNKNOWN

235 270 15 00 5  
HOLMAN GREGORY E TR  
4225 OCEANSIDE BL STE H  
OCEANSIDE CA 92056-3473

235 270 26 00 7  
HOLQUIN MELINDA LIVING T  
2050 VIA MARIPOSA EAST U B  
LAGUNA WOODS CA 92637-0800

235 192 12 00 7  
HOLZER SURVIVOR TRUST  
261 W KENNETH RD  
GLENDALE CA 91202-1458

235 204 28 00 0  
HOME EQUITY OPTIONS LLC  
10401 VENICE BL # 283  
LOS ANGELES CA 90034

428 093 13 00 4  
HOME EQUITY OPTIONS LLC  
10401 VENICE BL 283  
LOS ANGELES CA 90034

235 064 12 00 3  
HONDA REAL PROPERTY TRUST  
1935 MANCHA WY  
MONTEREY PARK CA 91755-6711

235 121 02 00 0  
HOOVER JOSEPH ROGER JR  
133 ALAMO AV  
SANTA CRUZ CA 95060-3001

235 320 12 00 0  
HOTTA GEORGE M & TOSHIKO  
1651 SO BRADSHAW AV  
MONTEREY PARK CA 91754

235 112 10 00 7  
HOWARD SUSAN & JACQUELINE  
1121 LINCOLN AV  
PASADENA CA 91103

235 320 07 00 6  
HOYOS MARIA D TRUST  
220 E 68TH WY  
LONG BEACH CA 90805-1228

235 204 26 00 4  
HSU SHIH CHIEH  
105 MOUNTAIN VIOLET  
IRVINE CA 92620-3103

235 340 27 00 0  
HUANG TED & LUCINDA TRUST B  
635 GARDENIA DR  
AZUSA CA 91702-6296

235 082 12 00 5  
HUI JOHN  
5560 S FORT APACHE RD STE 100  
LAS VEGAS NV 89148

235 024 08 00 0  
HULIGANGA TR  
1920 RIPPLE ST  
LOS ANGELES CA 90039-3431

235 290 10 00 6  
HUTCHISON MELVIN D  
483 E CERRITOS  
RIALTO CA 92376

235 081 02 00 9  
HUYNH CHIN & NGUYEN BINH  
16098 MOUNT HICKS ST  
FOUNTAIN VALLEY CA 92708-1723

235 064 21 00 9  
HYMAN CALIFORNIA PROPERTY  
TR  
22591 ALBARES  
MISSION VIEJO CA 92691-1402

235 031 42 00 0  
HYUNDAI MOTOR AMER  
10550 TALBERT AV  
FOUNTAIN VALLEY CA 92708-6032

428 231 07 00 3  
IGE DANIEL S TRUST  
493 DORAL CT  
BRENTWOOD CA 94513-5030

235 330 39 00 2  
IGLESIAS FERMIN & CLARA E  
15505 VIRGINIA AV  
PARAMOUNT CA 90723

235 065 14 00 6  
IPARADISO LLC  
2629 FOOTHILL BL  
LA CRESCENTA CA 91214-3511

235 380 03 00 2  
ISHIDA FAMILY TR  
660 FERNGLEN CI  
FILLMORE CA 93015-1342

428 240 19 00 4  
ITURRIOS RUTH  
15622 LEMOLI AV  
GARDENA CA 90249-4462

235 191 11 00 7  
J D LOOMIS INVS LLC  
7100 LOCH LOMOND DR  
BETHESDA MD 20817-4760

235 112 04 00 0  
JACKSON ANDREW P  
341 WEST AVENUE G  
LANCASTER CA 93534

235 064 38 00 9  
JACKSON ROY  
4672 TOPANGA CANYON BL # 269  
WOODLAND HILLS CA 91364

235 192 03 00 1  
JACOBSON FRANK R & LINDA  
FAMILY TR  
728 ORANGE BELT LOOP  
WINTER GARDEN FL 34787

235 282 04 00 0  
JACQUEZ RAUL H & MARIA C  
13137 MUSCATINE ST  
ARLETA CA 91331-4818

235 204 23 00 5  
JAMES LON O TR  
2714 KITCHEN DICK RD  
SEQUIM WA 98382-9538

244 234 35 00 5  
JAMES MILDRED J SEPARATE  
PROPERTY TRUST  
12823 ENCANTO WY  
REDDING CA 96003

428 092 11 00 1  
JANKUS FAMILY LTD  
9554 BONE BLUFF DR  
NAVARRE FL 32566

428 072 04 00 5  
JELUSICH TR  
3421 CURTIS ST  
SAN DIEGO CA 92106-1360

235 134 21 00 9  
JERIES KHADER FAM TR  
3 VIA PUMA  
RCHO SANTA MARG CA 92688

235 134 12 00 3  
JOHNSON FAMILY TRUST  
2906 ALDER PL  
FULLERTON CA 92635

428 202 27 00 9  
JOHNSON G ROBERT & DOLLIE J  
222 OLLIS RD SP 91  
CAPE JUNCTION OR 97523

235 370 03 00 9  
JOHNSON TRUST  
17572 SHERBROOK DR  
TUSTIN CA 92780

244 234 12 00 8  
JOHNSTON BARBARA Z  
106 SILVER VALLEY BL  
MUNROE FALLS OH 44262

235 410 12 00 6  
JONES MERLYN J  
52 VISTA LA CUESTA  
RNCH ST MRGRT CA 92688

428 202 22 00 4  
JONES ROBERT A & JERRI J  
PO BOX 2193  
TEHACHAPI CA 93581

235 330 43 00 3  
JUAREZ FELIPE H REV LIV TR  
1166 N 6TH PL  
PORT HUENEME CA 93041

428 052 07 00 8  
JUNKIN FAMILY TRUST 1990  
81429 AVENIDA MONTURA  
INDIO CA 92203

428 082 14 00 7  
KADUBEC JOHN  
508 SE 157TH AV U 42  
VANCOUVER WA 98684-8879

302 243 11 00 4  
KAGAN SPENCER  
4821 BEEMAN AV  
VALLEY VILLAGE CA 91607

428 092 18 00 2  
KAHENYA LOISE W  
645 REDONDO AV APT 201  
LONG BEACH CA 90814

235 340 02 00 7  
KANG HENRY & JANIE ET AL  
6208 OAK PARK AV  
LAS VEGAS NV 89118

428 231 10 00 1  
KANG SHIN S & TERESA A  
22098 PHEASANT ST  
LAKE FOREST CA 92630

234 520 34 00 5  
KARAPETYAN TAGUI LIVING  
TRUST  
7037 MAMMOTH AV  
VAN NUYS CA 91405-3328

235 340 34 00 0  
KASHIWAGI KAREN  
1766 N WILLOW WOODS DR # D  
ANAHEIM CA 92807

235 172 14 00 7  
KAUFMANN FAMILY TR  
14165 COPENHAGEN DR  
TRUCKEE CA 96161

235 310 27 00 1  
KELLEY HUBERT JR & DELORES  
1233 HYDE LN  
RICHMOND VA 23229

428 231 30 00 9  
KENNEDY JONATHAN L  
P O BOX 2947  
LANCASTER CA 93539

235 025 21 00 4  
KEREN & ASSCS LLC  
P O BOX 2016  
BEVERLY HILLS CA 90213

235 111 14 00 2  
KERN LAND DEV LLC  
10450 WILSHIRE BL #5G  
LOS ANGELES CA 90024

235 134 01 00 1  
KHAN FAMILY TRUST 2001  
5315 HEIDORN RANCH RD  
BRENTWOOD CA 94513-5304

235 065 08 00 9  
KHATIBI RICHARD  
P O BOX 16296  
ENCINO CA 91416

235 290 09 00 4  
KHERA NARENDRA & NORIEGA  
JOE C  
15305 METROPOL DR  
HACIENDA HGTS CA 91745

235 370 07 00 1  
KILLMER KENNETH G  
P O BOX 276  
CATHEYS VLY CA 95306

235 024 22 00 0  
KIM ANTHONY  
P O BOX 3694  
VICTORVILLE CA 92393

428 092 19 00 5  
KIM CHONG OH & KIMIE  
DOHYANG  
3445 CLEARVIEW CI  
HOUSTON TX 77025-5927

235 282 30 00 5  
KIM ISSAC & LOIS  
4225 NEUHAUS DR  
MCALLEN TX 78503-8218

235 380 02 00 9  
KING DESMOND N  
1130 E ALOSTA AV U B102  
AZUSA CA 91702-2703

428 041 16 00 4  
KINKER JAMES W & DOROTHY L  
15692 HUMMINGBIRD LN  
HUNTINGTON BEAC CA 92649-1417

428 041 28 00 9  
KIRILLOVA ELIZAVETA  
5757 OWENSMOUTH AV APT 10  
WOODLAND HILLS CA 91367

428 202 36 00 5  
KIRKSEY FAMILY TRUST  
512 GALLEON WY  
SEAL BEACH CA 90740-5939

428 093 22 00 0  
KITE CONSTANCE J TR ET AL  
2489 W BEECHWOOD AV  
FRESNO CA 93711-7015

428 042 21 00 5  
KLEPL DONALD  
208 ANDERSON RD  
PRESCOTT AZ 86303-3755

235 340 21 00 2  
KNUST GRAICHEN FAMILY TRUST  
2524 KING WY  
CLAREMONT CA 91711-1719

302 241 12 00 3  
KOMSKY SUBTRUST A  
PO BOX 667  
WOODLAND HILLS CA 91365-0667

428 231 14 00 3  
KONGSHOY FAMILY TRUST  
18 LINDEN RD  
WATSONVILLE CA 95076-0808

235 101 19 00 4  
KOTKIN LEIGH TR  
12325 EVENSONG DR  
LOS ANGELES CA 90064

428 202 25 00 3  
KOLEYAN FAMILY TRUST  
1008 LINDENWOOD LN  
LOS ANGELES CA 90049-1409

235 282 21 00 9  
KUBOTA EDWIN J & JANET S  
26 TRUMPET VINE  
IRVINE CA 92603-4210

235 064 24 00 8  
KUNTZ SEYMOUR & ROSE TRUST  
10847 CHARBONO PT  
SAN DIEGO CA 92131-1505

235 134 23 00 5  
KURATA SATOKO TR  
P O BOX 2645  
CULVER CITY CA 90231-2645

**DUP**

235 134 24 00 8  
KURATA YASUO & SATOKO TRUST  
P O BOX 2645  
CULVER CITY CA 90231-2645

235 031 07 00 9  
KUTU INV CO  
PO BOX 7663  
LAGUNA NIGUEL CA 92607-7663

428 051 04 00 2  
L & P INVESTMENTS INC  
1100 ALAKEA ST # 7  
HONOLULU HI 96813-2855

428 240 09 00 5  
L I LAND PORTFOLIO LLC  
12671 HIGH BLUFF DR STE 150  
SAN DIEGO CA 92130-3018

428 240 20 00 6  
L I LAND PORTFOLIO LLC  
126715 HIGH BLUFF DR 150  
SAN DIEGO CA 92130

235 310 06 00 0  
LA VERTU DENIS J  
24071 LANDISVIEW AV  
LAKE FOREST CA 92630-5133

234 052 06 00 2  
LAND INV NETWORK LLC  
3142 PACIFIC COAST HW STE 200  
TORRANCE CA 90505-6750

235 102 23 00 2  
LAND INVS NETWORK  
3142 PACIFIC COAST HW STE 200  
TORRANCE CA 90505-6750

**DUP**

428 092 14 00 0  
LAND PARCEL LIQUIDATORS INC  
4765 PARK ENCINO LN U 333  
ENCINO CA 91436-3276

428 232 08 00 3  
LAND PARCEL LIQUIDATORS INC  
4765 PARK ENCINO LN # 333  
ENCINO CA 91436

**DUP**

235 380 04 00 5  
LANDER COLEMAN H & POORE  
MARY  
6030 VAN NOORD  
VAN NUYS CA 91401

428 231 16 00 9  
LANDRUSH  
P O BOX 348  
SAN FERNANDO CA 91341

235 064 05 00 3  
LANE FAMILY TRUST  
P O BOX 6196  
LANCASTER CA 93539

235 202 13 00 2  
LANG ADOLPH & ANNE  
4529 FAIR AV  
OAKLAND CA 94619-2926

235 101 08 00 2  
LANSING INDUSTRIES PSP LLC  
12671 HIGH BLUFF DR STE 150  
SAN DIEGO CA 92130-3018

428 051 16 00 7  
LAU LAWRENCE H & AMY KAM-  
MAI ET AL  
216 S ELECTRIC AV  
ALHAMBRA CA 91801

235 111 05 00 6  
LAURENTI EDWARD  
31 RAMAPO RD  
CRANFORD NJ 07016-3465

428 042 09 00 1  
LAWLOR JOHN & CHARLENE  
TRUST  
43843 JENKINS LN  
ASHBURN VA 20147

428 231 01 00 5  
LAWS JERRY JOSEPH  
19453 8TH PL  
ESCONDIDO CA 92029-8127

235 300 14 00 0  
LAZERSON JACOB & JANICE M TR  
11 LARKFIELD LN  
LAGUNA NIGUEL CA 92677

234 520 36 00 1  
LE TAM THI  
1040 GRAPE ST  
SAN MARCOS CA 92069-3164

235 024 38 00 7  
LEBOVIC JOAN SURVIVORS TR  
18839 LA AMISTAD PL  
TARZANA CA 91356-5211

428 232 29 00 4  
LEE CHARLES T & TINA K  
2771 MARIPOSA ST  
TORRANCE CA 90503

428 174 01 00 9  
LEE JANG WOO  
2867 MUIR TRAIL DR  
FULLERTON CA 92833-5517

235 111 28 00 3  
LEE JOO S  
466 FOOTHILL BL # 317  
LA CANADA FLINT CA 91011-3518

428 010 02 00 7  
LEE MEI RUEY YANG TRUST  
1680 WILLIAMSPORT ST  
HENDERSON NV 89052-6831

235 112 05 00 3  
LENDIO JAMES  
5732 PLAZA CT  
PALMDALE CA 93552-4695

235 410 35 00 3  
LEON CESAR OCTAVIO  
2505 ILLINOIS AV APT C  
SOUTH GATE CA 90280-3907

235 310 03 00 1  
LEON JOSE P & SUAREZ CARLOS A  
P O BOX 9686  
GLENDALE CA 91226-9686

428 041 10 00 6  
LEPPO AMY L  
229 SMITH RD  
ALAMO CA 94507

428 051 11 00 2  
LEPPO JAN R  
553 SUZANNE CT  
PALO ALTO CA 94306

428 041 07 00 8  
LEPPO ROBYN B  
8711 PEZZI RD  
STOCKTON CA 95215

235 024 31 00 6  
LESH THOMAS A  
21723 HERCULES ST  
APPLE VALLEY CA 92308-8490

428 051 22 00 4  
LEVEY WILLIAM C & PENELOPE  
FAMILY TRUST  
735 CALLA DR # 1  
SUNNYVALE CA 94086-8004

428 202 20 00 8  
LEVISTE MANAGEMENT SYSTEMS  
INC  
1246 5 CAHUENGA BL  
LOS ANGELES CA 90038

302 241 08 00 2  
LEVY GABRIEL & ESTHER  
ADDRESS UNKNOWN

**DUP**

235 340 37 00 9  
LEWIS DAVID ACTON & BEVERLY  
P O BOX 3053  
EUREKA CA 95501

428 062 05 00 5  
LIGHT FRANCINE JUDITH TRUST &  
ET AL  
10257 CENTURY WOODS DR  
LOS ANGELES CA 90067-6312

235 065 03 00 4  
LIU WARNER  
18830 NORWALK BL  
ARTESIA CA 90701-5973

235 065 15 00 9  
LLOYD J D JR  
8916 NE 299TH ST  
BATTLE GROUND WA 98604

235 134 07 00 9  
LO LIEN-GWEN & EDITH  
ADDRESS UNKNOWN

**DUP**

235 410 08 00 5  
LOH INV L P  
5625 RUFFIN RD # 210  
SAN DIEGO CA 92123-4446

428 232 23 00 6  
LONGO FAMILY TRUST  
4500 DIETZ DR  
FAIR OAKS CA 95628

428 232 24 00 9  
LONGO FAMILY TRUST  
4500 DIETZ DR  
FAIROAKS CA 95628

**DUP**

235 204 31 00 8  
LOPEZ CONSUELO TRUST  
12648 REXTON ST  
NORWALK CA 90650-4458

428 042 05 00 9  
LOPEZ JOSE A & MARIA J  
5954 8TH AV  
LOS ANGELES CA 90043

235 192 04 00 4  
LORENZ LARRY G & SARAH G TR  
2127 WEST 230TH ST  
TORRANCE CA 90501

244 234 36 00 8  
LORENZO VENTON T  
2115 DENMEAD ST  
LAKEWOOD CA 90712

235 064 20 00 6  
LORICH CARL A  
12220 5TH ST # 140  
YUCAIPA CA 92399

235 102 36 02 8  
LUITWIELER GEORGE R & JANE TR  
1713 SOUTH ALMANSON  
ALHAMBRA CA 91801

235 330 07 00 9  
LUNCHE ROBERT G SURV TR  
2530 CABRILLO WY  
OXNARD CA 93010

235 140 22 00 7  
LUNING ASSCS L P  
1888 BROADWAY PL  
WENATCHEE WA 98801-8333

235 101 29 00 3  
LUONG KHANH DAN & LE XUAN  
UYEN  
2706 E LOCUST AV  
ORANGE CA 92867

235 024 33 00 2  
LY KHANH TUYET  
2107 WALNUT GROVE LN  
RICHMOND TX 77406-6627

235 330 05 00 3  
MACAPAGAL LEONARDO L &  
ELEANOR  
13333 MISSION TIERRA WY  
GRANADA HILLS CA 91344

235 111 08 00 5  
MACIEL SILVANO & KHALIL  
VICTOR  
44200 KINGTREE AV U 26  
LANCASTER CA 93534

235 282 05 00 3  
MADRIAGA EDWIN & IMELDA  
4516 THIRA WY  
ELK GROVE CA 95758-5156

235 340 16 00 8  
MAHER DONALD & GAIL FAMILY  
TRUST  
18523 KINGSBURY ST  
NORTHRIDGE CA 91326

235 025 01 00 6  
MALAD FAMILY L P  
3967 CORTE MAR DE BRISA  
SAN DIEGO CA 92130-2640

235 082 10 00 9  
MANN ALFONS & LIDA  
20 ANJOU  
NEWPORT COAST CA 92657-1036

428 202 32 00 3  
MANUEL RENATO S & ZENAIDA C  
3102 SW 313TH PL  
FEDERAL WAY WA 98023-7828

235 064 02 00 4  
MARCOS RUFINO C  
3531 ARROYA SICO AV U 1  
LOS ANGELES CA 90065

235 082 06 00 8  
MARGOLIN MALCOLM L TR  
620 PALISADES DR  
PACIFIC PALISAD CA 90272-2849

235 082 08 00 4  
MARGOLIS K W TR & WENDIE &  
RADIST TR  
4400 AZALIA AV  
TARZANA CA 91356

428 041 21 00 8  
MARK E THOMPSON A P C PROFIT  
SHARING PLAN  
963 W AVENUE J  
LANCASTER CA 93534-3428

235 112 07 00 9  
MARLOWE SAMUEL B  
913 W MYRRH ST  
COMPTON CA 90220

302 243 07 00 3  
MARTINEZ ANANDY  
13301 WESTLAKE ST  
GARDEN GROVE CA 92843

235 340 06 00 9  
MARTINEZ OSCAR  
2606 SANTA ANITA AV # 3  
EL MONTE CA 91733

244 234 30 00 0  
MARTINI JOSEPH F TR  
41181 SUMMITVIEW LN  
PALMDALE CA 93551-2763

235 290 07 00 8  
MASCHKE MICHELLE  
252 HEMENWAY RD  
WINLOCK WA 98596

235 290 05 00 2  
MASCHKE ROBERT  
PO BOX 94  
THERMOPOLIS WY 82443

235 191 02 00 1  
MASON FAMILY TRUST A  
1855 HAREN DR  
HENDERSON NV 89011-4366

235 204 41 00 7  
MASON RANDY L TRUST  
1452 E HOGAN ST  
EAGLE ID 83616-6525

235 171 02 00 5  
MASTIN DEBORAH  
500 NE 55TH TR  
MIAMI FL 33137-2619

428 053 08 00 8  
MATROS BARBARA L  
2556 WEST N-4  
PALMDALE CA 93551

235 121 01 00 7  
MATTISON CHARLES A  
9 CROWN CT  
RANCHO MIRAGE CA 92270-1622

235 353 01 00 8  
MAY PATRICIA L  
437 E FEDORA AV  
FRESNO CA 93704-4706

235 102 20 00 3  
MC CAFFREY THOMAS F  
P O BOX 561  
BORON CA 93596

428 042 31 00 4  
MC PHERSON HOWARD L  
ADDRESS UNKNOWN

**DUP**

235 310 19 00 8  
MEDER EDWARD R & NORMA E  
174 FLORIDA SHORES BL  
DAYTONA BCH SH FL 32118-5639

235 282 15 00 2  
MEDINA RANDY  
PO BOX 2061  
MONTCLAIR CA 91763-0561

235 204 29 00 3  
MEINERT GORDON E & LINDA  
1649 2ND ST  
DUARTE CA 91010

428 240 16 00 5  
MEJIA CARMEN SOLEDAD  
6475 ATLANTIC AV SP 412  
LONG BEACH CA 90805-8602

428 240 69 00 9  
MEJIA FERDINAND N  
PO BOX 2083  
LEHIGH ACRES FL 33970-2083

428 240 59 00 0  
MEJIA RAUL  
3914 N CREOSOTE CT  
CASA GRANDE AZ 85122-8286

235 360 07 00 8  
MERCADO LIVING TRUST  
11014 FIORE DR  
RANCHO CORDOVA CA 95670-6945

235 181 02 00 8  
MERKEL LARRY  
5136 GROSSE POINT PW  
TOLEDO OH 43611

428 231 15 00 6  
MEYER STERLING P  
155 LAIDLEY ST  
SAN FRANCISCO CA 94131

235 064 11 00 0  
MICU ELENA U REVOCABLE TRUST  
230 N LIMA ST  
BURBANK CA 91505-3509

234 520 23 00 3  
MILLER CAMILLE K  
111 CLARK ST  
SAN RAFAEL CA 94901

235 101 25 00 1  
MILLER FAMILY TR  
531 TOWERING VISTA PL  
HENDERSON NV 89012

235 290 15 00 1  
MILLER NORMAN L & CHRISTA M  
P O BOX 503  
LANCASTER CA 93584

235 310 29 00 7  
MILLS LEIGHTON S & VALERIE TR  
2447 N SHADY FOREST LN  
ORANGE CA 92667

235 330 08 00 2  
MIN BYONG KWAN  
1119 ALBANY ST APT 331  
LOS ANGELES CA 90015-2073

235 310 08 00 6  
MITCHELL BARBARA E  
26245 ACORN LN  
MUNDELEIN IL 60060

428 041 32 00 0  
MOFFETT JAMES H & BONNIE B  
2322 PALO DANZANTE  
ALPINE CA 91901-3620

428 102 32 00 4  
MOJAVE 58 INVS LLC  
PO BOX 20819  
BAKERSFIELD CA 93390-0819

428 051 09 00 7  
MOJAVE AIR & SPACE PORT  
1434 FLIGHT LINE  
MOJAVE CA 93501-2016

235 191 03 00 4  
MOJAVE AIRPORT INDUSTRIAL  
LLC  
12671 HIGH BLUFF DR STE 150  
SAN DIEGO CA 92130

235 111 02 00 7  
MOORE HARRY M ET AL  
P O BOX 107  
WEST LINN OR 97068

235 121 09 00 1  
MORITA ROY  
3432 IVAR AV  
ROSEMEAD CA 91770-2838

235 353 10 00 4  
MORRIS FMLY TR  
23981 JUANENO DR  
MISSION VIEJO CA 92691

235 380 13 01 0  
MORTIMER RICHARD  
19640 DELIGHT ST  
CANYON COUNTRY CA 91351

428 072 07 00 4  
MOSELY MARILYN MYRTLE REV  
LIV TRUST  
8146 BAY VIEW DR  
FOLEY AL 36535

428 072 10 00 2  
MOSELY MARILYN MYRTLE REV  
LIV TRUST  
8146 BAYVIEW DR  
FOLEY AL 36535

235 353 12 00 0  
MOZENA LINDSAY ANNE  
STEINBACK  
5604 W WINSTON DR  
LAVEEN AZ 85339-5257

428 232 06 00 7  
MYERS KENNETH D & PATRICIA A  
13530 OAK MESA DR  
YUCAIPA CA 92399

235 320 10 00 4  
NAHAS LOUAI K  
ADDRESS UNKNOWN

**DUP**

428 092 10 00 8  
NAKAGAWA MAKOTO  
ADDRESS UNKNOWN

**DUP**

428 041 15 00 1  
NARVELL DAVID C  
15401 POPPYSEED LN  
CANYON CNTRY CA 91351

428 102 25 00 4  
NATHAN RICHARD C  
P O BOX 1577  
OLYMPIA WA 98507

235 140 21 00 4  
NAYLOR DAVID  
155 JACKSON ST APT 405  
SAN FRANCISCO CA 94111-1921

235 310 01 00 5  
NELSON FAMILY TRUST  
15 LEXINGTON  
IRVINE CA 92720-2535

235 410 02 00 7  
NELSON TAWNEY LYNNE  
188 MEADOW VIEW DR  
PHOENIX OR 97535-9431

428 092 22 00 3  
NELSON WALTER F REV LIV TRUST  
45120 HIGHWAY 79 # 660  
AGUANGA CA 92536

428 092 24 00 9  
NELSON WALTER SEPARATE  
PROPERTY TRUST  
PO BOX 549  
QUARTZSITE AZ 85346-0549

235 260 21 00 9  
NEW EDEN PROP  
ADDRESS UNKNOWN

**DUP**

428 051 03 00 9  
NGHIEM MICHAEL & TRAN THUY  
TP  
4300 DUNCAN DR  
ANNANDALE VA 22003-3727

235 340 14 00 2  
NGUYEN BINH & HUYNH CHIN T  
16098 MOUNT HICKS ST  
FOUNTAIN VALLEY CA 92708-1723

235 024 35 00 8  
NGUYEN BINH N & HUYNH CHIN T  
16098 MOUNT HICKS ST  
FOUNTAIN VALLEY CA 92708-1723

**DUP**

428 162 06 00 7  
NGUYEN BINH NAM & HUYNH  
CHIN THI  
16098 MOUNT HICKS ST  
FOUNTAIN VALLEY CA 92708-1723

235 082 14 00 1  
NGUYEN KENEDY PHU & LENA  
TRUST  
4569 W 136TH ST  
HAWTHORNE CA 90250-5733

235 065 12 00 0  
NGUYEN LUAN K  
16098 MOUNT HICKS ST  
FOUNTAIN VALLEY CA 92708-1723

428 082 09 00 3  
NGUYEN LUAN KINH  
16098 MOUNT HICKS ST  
FOUNTAIN VALLEY CA 92708-1723

**DUP**

235 024 27 00 5  
NGUYEN NHUT M & PHUONGCHI T  
11721 DEBBIE LN  
GARDEN GROVE CA 92840-2617

428 231 09 00 9  
NGUYEN NINH VAN & TA TRACY  
THU  
1270 CHAD DR  
ROUND ROCK TX 78665-2038

234 052 02 00 0  
NGUYEN YEN MY  
107 E MELBOURNE AV  
SILVER SPRING MD 20901

235 410 11 00 3  
NIERGARTH CHARLES LIV TR  
1468 SIGNAL ST  
SAN DIEGO CA 92154

235 352 06 00 6  
NOLASCO WILBER ULISES RUIZ  
2609 PIPER CT  
BAKERSFIELD CA 93306-2818

235 352 17 00 8  
NORIEGA NELLY C LIV TR  
560 GOLDEN SPUR CI  
WALNUT CA 91789-4203

235 300 13 00 7  
NORITAKE ROY FAMILY TRUST  
724 DE PALMA WY  
MONTEBELLO CA 90640-3516

428 093 25 00 9  
NORTON LYNN MARIE  
6005 PASEO CANYON DR  
MALIBU CA 90265-3131

235 182 02 00 5  
OAKLEY KIM LY  
23106 AUDREY AV  
TORRANCE CA 90505-3708

428 082 15 00 0  
OH GAP HYUN TRUST  
4933 LA CRESCENTA AV  
LA CRESCENTA CA 91214-2944

235 352 01 00 1  
OISHI MARCIA HUYNH  
36108 MANGROVE LN  
NEWARK CA 94560-1931

235 270 29 00 6  
OJO DAVID A  
3053 RANCHO VISTA BL STE H147  
PALMDALE CA 93551-4843

235 112 08 00 2  
OJO IDOWU  
5391 QUINCY ST # 2  
HYATTSVILLE MD 20784

235 353 02 00 1  
OKA MILTON M  
1062 KALAPAKI ST  
HONOLULU HI 96825-2706

235 353 20 00 3  
OKAGI CHRISTOPHER S EST  
440 N JUDD ST U A  
HONOLULU HI 96817

235 410 21 00 2  
OLIVER FAM LIV TR  
2028 WEST 66TH ST  
LOS ANGELES CA 90047

235 410 22 00 5  
ORNG CLARINDA W  
21236 WILDER AV  
LAKEWOOD CA 90715-2415

235 102 31 00 5  
ORTEGA SEFERINO JR & CATALINA  
13 CTY RD 1517  
BAY SPRINGS MS 39422

235 102 15 00 9  
OSTBY MARILYN M TR  
15723-4 LA SUBIDA DR  
HACIENDA HTS CA 91745

428 240 15 00 2  
PACHECO BERTA O  
1046 CATALINA  
LOS ANGELES CA 90006

428 231 19 00 8  
PACIFIC STATES LAND CO  
P O BOX 880088  
SAN DIEGO CA 92168

234 052 04 00 6  
PAE KWANG CHIN  
560 JOHN K DR APT 102  
LONG BEACH CA 90803

235 024 25 00 9  
PAE MOON BOO & HEA JA  
2066 VILLA DEL LAGO # A  
CHINO HILLS CA 91709

235 064 34 00 7  
PAJAK SHARLENE LIVING TRUST  
2000 RAMAR RD # 661  
BULLHEAD CITY AZ 86442-9341

235 290 13 00 5  
PALADIJCZUK TR  
745 N 184TH ST  
SHORELINE WA 98133

302 243 09 00 9  
PALISADES LUTHERAN CHURCH  
15905 W SUNSET BL  
PACIFIC PALISAD CA 90272-3499

235 340 01 00 4  
PARK KOO WON & NAN SOOK  
19707 EAGLE RIDGE LN  
NORTHRIDGE CA 91326

235 282 19 00 4  
PARK PUNG SAN & POK CHU  
22805 LOUMONT DR  
LAKE FOREST CA 92630

235 101 20 00 6  
PARKS MERLINE F & DONALD J  
2946 ASPEN ST  
HANFORD CA 93230

235 024 17 00 6  
PARNELL LIVING TRUST  
11135 SARAH ST  
NO HOLLYWOOD CA 91602-1739

235 270 23 00 8  
PARSONS GARY D & NORMA E  
1408 SKI LODGE RD  
VIRGINIA BCH VA 23456

235 340 08 00 5  
PATERNO MARIA BELEN  
45 ARLINGTON AV  
KENSINGTON CA 94707

235 024 23 00 3  
PATTERSON-ENGELHARDT  
43912 W 20TH ST  
LANCASTER CA 93534

428 041 35 00 9  
PAULEY JOSEPH L & BEVERLY M  
REV TRUST  
P O BOX 57  
ROSAMOND CA 93560

235 300 17 00 9  
PAULEY JOSEPH L & BEVERLY M  
TR  
P O BOX 57  
ROSAMOND CA 93560

235 082 23 00 7  
PAULY BENJAMIN J  
688 N. CLINTON  
ORANGE CA 92667

235 260 20 00 6  
PELLO GENE & LISA  
3815 BALDWIN AV # 12  
EL MONTE CA 91731

235 310 23 00 9  
PENA KATYA L  
14285 TONTO CT  
VICTORVILLE CA 92394-6412

235 081 01 00 6  
PEREZ MANUEL & GLORIA P  
9111 MYRON ST  
PICO RIVERA CA 90660

428 202 48 00 0  
PEREZ PEDRO & CONNIE FAMILY  
TRUST  
828 S 6TH ST  
MONTEBELLO CA 90640-5914

235 330 27 00 7  
PERRETTA MARILYN  
515 S DARTMOUTH LN  
ALTOONA PA 16602-7330

428 093 27 00 5  
PETRELL CHRIS  
PO BOX 5  
GERLACH NV 89412-0005

235 102 13 00 3  
PINNIX JOHN D & MICHELLE A  
1811 HACIENDA DR  
EL CAJON CA 92020

225 250 21 00 3  
PIONEER PARTNERS 2000 LLC  
2001 KIRBY DR STE 500  
HOUSTON TX 77019

235 370 08 00 4  
PONG J A FAM TRUST  
23081 GRAND TERRACE RD  
GRAND TERRACE CA 92313-4927

235 140 09 00 0  
PORTER DON C  
69811 BURLWOOD DR  
MOUNTAIN CENTER CA 92561-3575

235 380 10 00 2  
PRICE PATSY LEE  
812 RYE RD  
NORMAN OK 73072

428 042 30 00 1  
PRINSTER GANNA  
11901 SANTA MONICA BL # 391  
LOS ANGELES CA 90025

428 092 09 00 6  
PROFESSIONAL EQUITIES IN  
23201 MILL CREEK DR FLR 3  
LAGUNA HILLS CA 92653-1692

428 051 01 00 3  
PROFESSIONAL EQUITIES IN  
23201 MILL CREEK DR FLR 3  
LAGUNA HILLS CA 92653-1692

235 320 08 00 9  
PRONIN FMLY TR  
37144 AVENUE 12 # 102  
MADERA CA 93638

235 064 07 00 9  
QUINATA RONALD C  
PO BOX 326011  
HAGATNA GU 96932-6000

235 064 04 00 0  
QUINDOY SENEN B  
8119 SHADYGLADE AV  
NO HOLLYWOOD CA 91605

428 202 18 00 3 **DUP**  
QUINTAS DOMINGO M &  
EDUVEDES P  
ADDRESS UNKNOWN

235 102 19 00 1  
QUIROZ PATRICIA JOAN TRUST  
32013 CORTE SOLEDAD  
TEMECULA CA 92592-6464

428 042 08 00 8  
RAMIREZ CYNTHIA JORDAN  
213 OCEAN AV APT A  
SEAL BEACH CA 90740

235 410 29 00 6  
RAMIREZ FELIPE  
1903 GALE AV  
LONG BEACH CA 90810-4133

428 053 06 00 2  
RAMIREZ NELLIE G SEPARATE  
PROP TR  
15708 CAMEO AV  
NORWALK CA 90650

428 041 12 00 2  
RAMIREZ SALAS RICARDO  
ALBERTO  
2100 TURQUOISE RIDGE ST U 104  
LAS VEGAS NV 89117-5969

428 102 05 00 6  
RAMOS LINDA  
3406 E 17TH AV  
ANCHORAGE AK 99502

428 102 08 00 5  
RAMOS NORMA T & LUCAS T  
1975 SE 211TH AV  
SAMMAMISH WA 98075-7501

235 101 27 00 7  
RAMOS STEPHANIE LEINANI  
RITUA  
662 BOWCREEK DR  
DIAMOND BAR CA 91765-1853

428 051 14 00 1  
RANCHERS CATTLE OIL & LAND  
CO  
1510 S MILLS AV APT 109  
LODI CA 95242-4237

235 082 13 00 8  
RATCLIFF FAMILY TRUST  
3064 BLACKWELL DR  
VISTA CA 92084-1424

235 353 06 00 3  
RATLIFF DEANNA  
P O BOX 626  
OAKDALE CA 95361

235 410 13 00 9  
RAWLS SHANNON WENDELL &  
CHISTANN CHANELL  
312 S BEVERLY DR U 6493  
BEVERLY HILLS CA 90212-2066

235 191 05 01 9  
RAWLS SHEILA D  
3108 W GRANDVIEW AV  
SPOKANE WA 99224-5527

235 101 15 00 2  
RAYAS REYNALDO  
15060 MINNEHAHA ST  
MISSION HILLS CA 91345

235 024 24 00 6  
RECCHIA WILLIAM & GOBY TERRI  
P O BOX 9040  
CANOGA PARK CA 91309

235 282 27 00 7  
REDDEN JERRY  
501 BOKMEN PL  
SOMONA CA 95476

235 243 04 00 5  
REDEV AGENCY OF CITY OF CAL  
CITY  
21000 HACIENDA BL  
CALIFORNIA CITY CA 93505

235 204 30 00 5  
REDMAN INVESTMENT CO  
12121 WILSHIRE BL STE 600  
LOS ANGELES CA 90025

235 330 41 00 7  
REDMAN MARSHALL & DORIS E  
12121 WILSHIRE BL STE 600  
LOS ANGELES CA 90025

428 231 24 00 2  
REED FAMILY TR  
10036 LA PLACITA DR  
RNCH CORDOVA CA 95670

428 042 20 00 2 **DUP**  
REINTS LARRY LEE & ROBERTA R  
ET AL  
ADDRESS UNKNOWN

428 092 20 00 7  
REITTER ARDA TRUST  
2484 JADA DR  
HENDERSON NV 89044

235 282 36 00 3  
RETHY KATHERINA TRUST EST  
16921 SE 32ND PL  
BELLEVUE WA 98008-5769

235 310 24 00 2  
RETZ FAMILY 2005 REVOCABLE TR  
9019 DURAM WHEAT DR  
BAKERSFIELD CA 93313

235 290 02 00 3  
REYNOLDS FAMILY TR  
57 D ST  
EPHRATA WA 98823

235 270 21 00 2  
REYNOSO ENRIQUE & MARIA  
9552 E AVENUE Q4  
PALMDALE CA 93591-2215

235 140 28 00 5  
RIAZ PARVEEN  
11866 BROADWAY RD  
MOORPARK CA 93021

428 051 23 00 7  
RICH FREDERICK W  
4844 LEIGH AV  
SAN JOSE CA 95124

428 051 21 00 1  
RICH FREDERICK W & TOMI  
4844 LEIGH AV  
SAN JOSE CA 95124

428 051 24 00 0  
RICH GEORGE W & CLAUDIA J  
TRUST  
2540 BUTANO DR  
SACRAMENTO CA 95821-6506

235 300 09 00 6  
RICHARDS JAMES & VIOLET  
P O BOX 5549  
EUGENE OR 97405-0549

235 181 08 01 5  
RIVAS OMAR  
8467 PENFIELD AV  
WINNETKA CA 91306

428 041 06 00 5  
ROBERTSON LA VERNE  
830 TORO CANYON RD  
SANTA BARBARA CA 93108

234 052 01 00 7 **DUP**  
ROBERTSON PAUL BARLOW  
ADDRESS UNKNOWN

235 353 16 00 2  
RODDICK DONALD L & MARILYN J  
FAM TR  
841 17 MILE DR  
PACIFIC GROVE CA 93950

235 340 05 00 6  
RODEO GREEN TREE LLC  
12671 HIGH BLUFF DR  
SAN DIEGO CA 92130

235 064 22 00 2  
RODICA ELISA N REV TRUST  
15224 DYLA WY  
BROOKSVILLE FL 34604-0735

235 352 05 00 3  
RODMAN MARSHALL & DORIS E  
12121 WILSHIRE BL STE 600  
LOS ANGELES CA 90025

428 051 17 00 0  
RODRIGUEZ JESUS & CONCEPCION  
8540 RUDNICK AV  
WEST HILLS CA 91304-2259

235 401 22 00 9  
RODRIGUEZ ROSENDO  
2100 RAYO DEL SOL DR  
ARVIN CA 93203-9447

235 065 06 00 3  
ROLANDELLI KAREN W  
3108 TEIGLAND RD  
LAFAYETTE CA 94549-2015

235 192 13 00 0  
ROMERO ANTHONY & PATRICIA  
21391 VINTAGE WY  
LAKE FOREST CA 92630-5827

428 202 33 00 6  
RONAS ERLINDA P  
77 SARRAGUT ST  
SAN FRANCISCO CA 94112

428 231 06 00 0  
ROOT LISA A  
9813 SATTLEY PL  
GRANITE BAY CA 95746-6715

235 204 40 00 4  
ROSAS MIGUEL R & OFELIA L  
32211 FALL RIVER RD  
TRABUCO CANYON CA 92679-3317

235 111 26 00 7  
ROSEMARY JACK C  
P O BOX 2474  
LA HABRA CA 90632

235 410 20 00 9  
ROXY TR  
19401 OPAL LN  
SANTA CLARITA CA 91350-3244

235 370 05 00 5  
RUBIN ARLENE  
4001 N OCEAN BL # 304B  
BOCA RATON FL 33431

235 401 03 00 4  
RUDOLPH ALICE L  
720 WEST 4TH ST  
LONG BEACH CA 90802

235 380 08 00 7  
RUOTOLO PAUL  
668 AMALIA AV  
LOS ANGELES CA 90022

428 062 16 00 7  
RUSH GRANVILLE A TR  
RR 2 BOX 340C  
LEWISBURG WV 24901-9344

235 330 40 00 4  
SAAVEDRA FERNANDO &  
FERNANDO I  
2227 LLANO MEDIANO LN  
EDINBURG TX 78542-2551

235 401 02 00 1  
SAAVEDRA GUADALUPE &  
MONICA  
2227 LLANO MEDIANO LN  
EDINBURG TX 78542-2551

235 102 05 00 0  
SAGLIMBENI NICK  
530 S LAKE AV STE 601  
PASADENA CA 91101-3515

235 132 16 00 1  
SAHOTA MANDEEP K  
8499 MONTE CRISTO AV  
LIVINGSTON CA 95334-9354

428 212 23 00 0  
SAHOTA SARIKA NISHA  
4154 PRADO DE LA PUMA  
CALABASAS CA 91302-3629

235 065 04 00 7  
SAHOTA SOHAN SINGH  
8499 MONTE CRISTO AV  
LIVINGSTON CA 95334-9354

235 024 05 00 1  
SAKURAI SURVIVORS TRUST  
23442 EL TORO RD APT E133  
LAKE FOREST CA 92630-6905

235 401 13 00 3  
SALAMEH YOUSEF MANUEL  
4400 TRUXEL RD # 59  
SACRAMENTO CA 95835-2615

235 310 05 00 7  
SALTZGIVER JOHN  
56925 YUCCA VALLEY TR  
YUCCA VALLEY CA 92284

235 330 33 00 4  
SANABRIA FRANCISCA IBARRA TR  
1215 DIANA RD  
SANTA BARBARA CA 93103-2537

302 243 08 00 6  
SARKESHIK AMIR  
6447 E LOOKOUT LN  
ANAHEIM CA 92807-4827

428 053 02 00 0  
SARTO FAMILY TR  
1119 SO OAKHURST DR APT 1  
LOS ANGELES CA 90035

235 300 16 00 6  
SAUNDERS ROBERT & DEBBIE  
10728 BING DR  
FORT WORTH TX 76108-4620

235 310 31 00 2  
SAWYER GARY J  
332 HERITAGE LP  
GLASSBORO NJ 08028-3236

235 380 12 00 8  
SAYSON ERNESTO CALDERON JR  
9328 HAMBLEY CI  
ELK GROVE CA 95624-6043

235 380 14 00 4  
SAYSON JONATHAN JARRED  
432 BEGONIA DR  
SAN LEANDRO CA 94578-3802

428 093 16 00 3  
SCHNEPPER FRED W IRA  
75 N UNIVERSITY AV  
PROVO UT 84601-4429

235 410 28 00 3  
SCHONBORG PALMETTA L GILL  
20560 MONTALVO LN  
SARATOGA CA 95070-6313

428 041 19 00 3  
SCHREY TRUST  
26650 MACMILLAN RANCH RD  
CANYON COUNTRY CA 91387-4036

235 282 24 00 8  
SCHWEIGER GARRY LIV TR  
9107 OLIN DR  
CHATSWORTH CA 91311-6301

428 042 23 00 1  
SCHWERING PAUL J & CARL J  
7900 PASO ROBLES AV  
VAN NUYS CA 91406

428 202 26 00 6  
SCIONTI ALFRED  
9651 S PLACITA DE LA CAUSA  
VAIL AZ 85641-2074

244 234 13 00 1  
SCOTT LINDA LEE  
PO BOX 274  
FALL RIVER MILL CA 96028-0274

235 410 14 00 2  
SEASONS LAND CORP  
3595 INLAND EMPIRE BL # 3  
ONTARIO CA 91764

244 411 01 00 7  
SECORD DEBRA A LIVING TRUST  
9330 EL CAMINO AV  
FOUNTAIN VALLEY CA 92708-4524

235 064 32 00 1  
SEELEY RUTH M  
1841 COTTONWOOD ST  
SOLVANG CA 93463

235 204 39 00 2  
SEIFFERT BEATRICE E  
645 STANLEY CT  
ESCONDIDO CA 92026

428 072 09 00 0  
SELECT ENTERPRISES INC  
7185 S DURANGO DR STE 109  
LAS VEGAS NV 89113-2018

428 202 49 00 3  
SELIS LAURA  
1200 ARCADIA AV APT B  
AUSTIN TX 78757-3044

235 270 20 00 9  
SEMINARO MARK L  
P O BOX 8105  
NEWPORT BEACH CA 92658

235 024 12 00 1  
SEPEHR ALI  
18175 KAREN DR  
TARZANA CA 91356

235 290 04 00 9  
SHAW TERRY C  
19005 E 60TH ST  
LAKE TAPPS WA 98391-8808

428 231 11 00 4  
SHAY TINA  
P O BOX 660162  
ARCADIA CA 91066

235 024 19 00 2  
SHEFI RON  
700 NORWOOD DR  
NASHVILLE TN 37204-3513

235 270 19 00 7  
SHEN FAMILY TRUST  
933 EL CAMPO DR  
PASADENA CA 91107

428 072 08 00 7  
SHIMER K L & F C & S E  
42448 22ND STREET WEST  
LANCASTER CA 93534

428 072 06 00 1  
SIDALL LARRY D  
PO BOX 138  
LAURENS IA 50554

235 380 09 00 0  
SIMMONS VIVIAN & BEAKLEY TR  
3934 POZZALLO LN  
SACRAMENTO CA 95834-7519

235 101 18 00 1  
SINGH HARKIRAT & GURMAIL  
FAMILY TRUST  
636 AZURE HILLS DR  
SIMI VALLEY CA 93065-5517

428 051 19 00 6  
SKANKEY A O & MARGUERITE TR  
PO BOX 526297  
SALT LAKE CTY UT 84152

235 064 08 00 2  
SKAUG WAYNE A  
2502 BRIAR GLEN RD  
ACTON CA 93510-2108

235 330 10 00 7  
SMALL VERDA I  
309 NW NINTH ST  
ANKENY IA 50021

235 330 11 00 0  
SMALL VERDA I  
309 NW 9TH ST  
ANKENY IA 50021

235 024 34 00 5  
SMITH DAWN MARIA  
4440 MAMMOTH AV  
SHERMAN OAKS CA 91423

235 111 12 00 6  
SMITH DIANE RENEE BUSH  
6653 E STRATFORD DR  
PRESCOTT VALLEY AZ 86314-3834

235 340 35 00 3  
SMITH JAMES D & PATRICIA A  
TRUST  
1920 W BAYSHORE DR  
ANAHEIM CA 92801

235 320 16 00 2  
SMITH MICHELE TR  
250 E TELEGRAPH RD SP 180  
FILLMORE CA 93015

428 062 15 00 4  
SMITH WILLIAM H & BARBARA J  
TRUST  
959 S GRANTHAM DR  
VAIL AZ 85641-2832

235 101 51 00 6  
SMY LAND LLC TR  
17350 W SUNSET BL U 303C  
PACIFIC PALISAD CA 90272-4105

235 282 11 00 0  
SNYDER ROBERT E REV TR  
55 CAYMAN ISLES BL  
ENGLEWOOD FL 34223-1832

225 250 05 00 7  
SOHN SOON CHON  
6180 VILLA FLORA  
BONSALL CA 92003

235 101 26 00 4  
SOMMERS JOAN R  
3126 TRUENO RD  
HENDERSON NV 89014-3650

235 360 06 00 5 **DUP**  
SORIANO LEO M & MARIA LUZ  
ADDRESS UNKNOWN

235 330 04 00 0  
SOUMEKH MICHAEL & RACHEL  
1140 S ALFRED ST  
LOS ANGELES CA 90035

234 042 01 00 4 **DUP**  
SOUTH AV PROP LLC  
4370 LA JOLLA VILLAGE DR  
STE 960  
SAN DIEGO CA 92122

234 520 27 00 5  
SOUTH AV PROP LLC  
4370 LA JOLLA VILLAGE DR # 960  
SAN DIEGO CA 92122

235 024 09 00 3  
SPENCER PATRICIA L  
PO BOX 2456  
CORRALES NM 87048-2456

235 024 10 00 5  
SPENCER STEVEN R  
P O BOX 2456  
CORRALES NM 87048

235 102 34 00 4  
SPOLSDOFF PAUL P JR ET AL  
1000 ROSEWOOD AV  
WASCO CA 93280

235 320 06 00 3  
ST JOHN LINDA J LIV TR  
800 COMMUNITY COLLEGE DR #365  
SAN JACINTO CA 92583

235 282 20 00 6  
STASIAK IRENE R  
1380 CENTERVILLE LN # 126  
GARDNERVILLE NV 89410

225 250 15 00 6  
STATE OF CALIFORNIA  
500 S MAIN ST  
BISHOP CA 93514

428 052 09 00 4  
STEELE 1994TRUST  
29943 QUAIL RUN  
AGOURA HILLS CA 91301

428 072 05 00 8  
STEFFES EUGENE & BETTY J TR  
39 SW 106TH PL  
PORTLAND OR 97225-6973

235 101 21 00 9  
STEMWEDEL JERALD P & POPPY C  
1111 CONDADO DR  
ROCKLEDGE FL 32955-3305

235 282 25 00 1  
SUBLABAN FAISAL E  
2658 DEL MAR HEIGHTS RD 515  
DEL MAR CA 92014-3100

235 353 03 00 4  
SUGIURA ISAMU & KYUNG S  
115 ARUSHA AV  
SAVANNAH GA 31419-3194

235 340 22 00 5  
SULLIVAN RAYMOND ANTHONY  
TR  
37158 E 28TH ST  
PALMDALE CA 93550

235 410 17 00 1  
SUTTON LEE L JR & CHARLOTTE R  
1591 GILHAM RD  
EUGENE OR 97401

428 231 18 00 5  
TABIBIAN MORAD  
2304 S BEVERLY GLEN APT 104  
LOS ANGELES CA 90064

235 064 37 00 6  
TAKECARE CHARLES A &  
MILDRED  
1833 WEST CHASE AV  
CHICAGO IL 90626

235 024 02 00 2  
TAM JASON  
708 E 15TH ST  
OAKLAND CA 94606-2928

235 102 37 00 3  
TANDOC SALVADOR C &  
CANDACE Y  
319 TURNBERRY WY  
VALLEJO CA 94591

225 250 07 00 3  
TANG SAMANTHA K  
1942 SAMARA DR  
ROWLAND HEIGHTS CA 91748-2510

235 282 32 00 1  
TAYLOR FAMILY TRUST  
18644 LOS LEONES  
FOUNTAIN VLY CA 92708

235 064 23 00 5  
TAYLOR LINDA L  
895 7TH ST  
OGDEN UT 84404-5159

428 231 08 00 6  
TAYLOR STEPHEN A ET AL  
11676 TERRY PL  
ANACORTES WA 98221-8425

428 202 29 00 5  
TDP CA LLC  
6200 N ROCKSIDE WOODS BL  
STE 215  
INDEPENDENCE OH 44131-2373

235 352 16 00 5  
TENA SERGIO & MARTHA EMMA  
1506 S KENILWORTH  
BERWYN IL 60402

235 260 19 00 4  
TEXAS LAND & CATTLE CORP  
5560 S FORT APACHE RD STE 100  
LAS VEGAS NV 89148

235 340 07 00 2 **DUP**  
TEXAS LAND & CATTLE CORP  
5560 S FT APACHE RD # 100  
LAS VEGAS NV 89148-7699

235 353 11 00 7  
THOMAS PAUL L  
1161 MCINTEER CI  
GREENSBORO GA 30642-6049

428 041 29 00 2 **DUP**  
THOMAS SHERYL  
27149 HOWARD ST  
MENIFEE CA 92586-2003

428 232 11 00 1  
THOMAS WARREN & SHERYL L  
27149 HOWARD ST  
MENIFEE CA 92586-2003

235 330 03 00 7  
THOMPSON LELAND J & PEGGY  
SUE THOMPSON TRUST  
13864 SEA GRAPE DR  
RIVERSIDE CA 92503-6912

235 102 41 00 4  
TONG NHIEM & LY HUONG P  
PO BOX 2411  
LA HABRA CA 90632-2411

428 092 21 00 0  
TOPETE JOSE V  
5669 MINERAL CITY CT  
LAS VEGAS NV 89110-1739

235 410 06 00 9  
TOPPETA MICHAEL  
PO BOX 875  
TEHACHAPI CA 93581-0875

428 042 19 00 0  
TORAL MIGUEL A ET AL  
13665 LEXICON PL  
SYLMAR CA 91342

235 192 02 00 8  
TORRES ROMULO R & NORMA A  
13626 JANETTE LN  
POWAY CA 92064-4074

244 234 03 00 2  
TORRES VINCENT G  
17422 KLEE ST  
SHERWOOD FOREST CA 91325-3235

235 065 13 00 3  
TRAINA JAMES J & ANTONIA C  
51-20 64TH ST  
WOODSIDE NY 11377

235 260 22 00 2  
TRAN HUAN HOANG  
2362 MOSSDALE WY  
SAN JOSE CA 95133

428 240 17 00 8  
TREJO ALFREDO  
515 N INDIANA ST  
LOS ANGELES CA 90063

235 172 15 00 0  
TREJO LUISA  
12995 RISING MOON WY  
VICTORVILLE CA 92392-8341

235 270 17 00 1  
TREMBLEY FAM TRUST  
16294 SHARON WY  
GRASS VALLEY CA 95949-6601

235 024 01 00 9  
TREND CAPITAL GROUP INC  
PO BOX 10476  
BEVERLY HILLS CA 90213-3476

235 353 08 00 9  
TRIPLE E DEV CORP  
5560 S FORT APACHE RD # 100  
LAS VEGAS NV 89148-7699

428 041 09 00 4  
TRUONG HAI T  
11780 OVERLAND DR  
FONTANA CA 92337-7640

235 191 01 00 8  
TRUSKIER PETER & MARY TR  
21 ELYSIAN FIELDS DR  
OAKLAND CA 94605-4940

235 353 04 00 7  
TURNER JACK H & JEAN M  
SURVIVORS TRUST  
1210 WILLIAMS WY  
TAFT CA 93268-2019

235 340 12 00 6  
TURNER KATHERINE  
44526 E 15TH ST U 7  
LANCASTER CA 93535-6322

428 093 21 00 7  
TURNWALL CHERYL M  
967 N ADELE SP 115  
ORANGE CA 92867

235 064 13 00 6  
TWO GATOS FAMILY TRUST  
5334 MEDINA RD  
WOODLAND HILLS CA 91364-1915

234 052 16 00 1  
U S A  
450 GOLDEN GATE AVE  
SAN FRANCISCO, CA 94102

235 101 17 00 8 **DUP**  
UEMURA Y  
ADDRESS UNKNOWN

428 092 12 00 4 **DUP**  
UTSUMI DAIJIRO & NAKAO J  
ADDRESS UNKNOWN

235 282 13 00 6  
UYEHARA CAROL  
41410 JUNIPER ST U 2921  
MURRIETA CA 92562-7515

428 212 09 00 0  
VAKIL AKHTAR & I U &  
ABUBAKAR  
548 C L FLEMING CI  
CORONA CA 92881-3592

235 330 06 00 6  
VALDIVIEZ ELVIRA S SEPARATE  
PROP TRUST  
11208 GALAX ST  
S EL MONTE CA 91733

235 340 39 00 5  
VALDIVIEZ TOM R & MARY N TR  
901 COUNTRY LN  
LA HABRA CA 90631-3050

235 101 42 00 0  
VALENCIA ALFONSO ALONZO  
321 JAMES ST  
RIALTO CA 92376

235 101 36 00 3  
VALVERDE EVANSWINDA  
6774 LOS VERDES DR APT 2  
RANCHO PALOS VE CA 90275-5552

234 520 08 00 0  
VAN TRAN HOA & NGOC VAN THI  
19351 HICKORY LN  
HUNTINGTON BCH CA 92646

428 051 05 00 5  
VIK DAVID  
1613 SHIRLEY AV  
LOS ALTOS CA 94024

302 243 06 00 0  
VIVEROS SHAWN R  
36501 MUSTANG LN  
PALMDALE CA 93550-7991

234 520 37 00 4  
VU FAMILY TR  
1515 E ARMANDO DR  
LONG BEACH CA 90807

235 102 12 00 0  
VU JOSEPH P M  
902 FULLER RD  
COLORADO SPGS CO 80920

235 410 23 00 8  
VUONG VU A  
2817 ELSMOR ST  
FAIRFAX VA 22031

235 024 37 00 4  
WAGNER CHARLES & VIRGINIA O  
304 KILLDEER LN  
OCEANSIDE CA 92057-6451

235 111 25 00 4 **DUP**  
WAGSHALL HERBERT &  
MARGARET  
ADDRESS UNKNOWN

235 202 10 00 3  
WALSH THOMAS S TRUST  
160 TELOMA DR  
VENTURA CA 93003-2138

428 052 04 00 9  
WANG NATHAN & LYNDA S  
12523 NEON WY  
GRANADA HILLS CA 91344-1342

235 065 02 00 1  
WANG PEI-HO CHEN  
1235 S 1ST AV  
ARCADIA CA 91006

235 360 03 00 6  
WARNE LARRY H & JODY TR  
29400 SAN JOAQUIN DR  
TEHACHAPI CA 93251

235 192 14 00 3  
WASSENAAR JOHN & DOROTHY  
2341 FLORENCE ST  
BLUE ISLAND IL 60406-1628

244 234 02 00 9  
WEBSTER CHARLEEN  
5161 DECATUR DR  
LA PALMA CA 90623

235 181 01 00 5  
WEBSTER IRENE M FAMILY TR  
1519 SUNDALE RD  
EL CAJON CA 92019-0372

235 282 33 00 4  
WEI JANNY  
3525 WILLETT PL  
SANTA CLARA CA 95051

235 024 26 00 2  
WEIL FAMILY TRUST  
726 LA JOLLA AV  
LOS ANGELES CA 90046

244 234 14 00 4  
WEISSMAN RICHARD RECEIVER  
12121 WILSHIRE BL STE 600  
LOS ANGELES CA 90025

428 041 34 00 6  
WEISZ TIM  
19490 BIG HORN ST  
APPLE VALLEY CA 92308-3337

428 051 07 00 1  
WENZEL JUDITH L  
5701 HILLCREST TERRACE  
SAN LUIS CO 81152

235 022 01 00 5 **DUP**  
WEST MOJAVE PROP LLC  
4370 LA JOLLA VILLAGE DR  
STE 960  
SAN DIEGO CA 92122

235 022 02 00 8 **DUP**  
WEST MOJAVE PROP LLC  
4370 LA JOLLA VLG DR STE 960  
SAN DIEGO CA 92122

235 022 07 00 3  
WEST MOJAVE PROP LLC  
4370 LA JOLLA VILLAGE DR # 960  
SAN DIEGO CA 92122

428 041 27 00 6  
WESTFALL FAMILT TRUST  
6728 SYCAMORE LN  
PALMDALE CA 93551

428 202 30 00 7  
WHITE LUTHER J & MARGARET F  
TRUST  
PO BOX 190  
CERRILLOS NM 87010-0190

235 064 19 00 4  
WIGAL ROGER K & BLIANCA P  
10914 WINCHELL ST  
WHITTIER CA 90606-2161

235 031 24 00 8  
WILKINS ROBERT & LYNN  
11048 GRACELAND LN  
FRISCO TX 75034-0064

235 111 03 00 0  
WILLIAMS FMLY TR  
4627 MARBELA CT  
SAN JOSE CA 95124

235 204 42 00 0 **DUP**  
WILLIAMS FMLY TR  
4627 MARBELLA CT  
SAN JOSE CA 95124

235 353 25 00 8  
WILSON MERLE D & MARY HELEN  
21811 VERA ST # 66  
CARSON CA 90745

428 052 02 00 3  
WILSON STEVEN M  
4308 MONTEREY DR  
PASCO WA 99301-8102

235 340 17 00 1  
WINTERROWD GARY LEE & PEGGY  
JO  
31 COUNTRY MEADOW  
ROLLING HLS EST CA 90274

235 025 18 00 6  
WOLFE GLENDA  
P O BOX 2016  
BEVERLY HILLS CA 90213

235 171 12 00 4  
WOLFORD ROGER R & BARBARA J  
4285 S CAVALRY RD  
FORT MOHAVE AZ 86426-6228

235 204 25 00 1  
WOODS LONNIE C  
4709 LA RICA AV  
BALDWIN PARK CA 91706

235 320 14 00 6  
WPL HOLDINGS LLC  
PO BOX 1084  
HIGHLAND PARK IL 60035

235 410 34 00 0  
WPL HOLDINGS LLC  
166 W WASHINGTON ST STE 730  
CHICAGO IL 60602-3588

428 052 08 00 1  
WRIGHT FAMILY TRUST  
14275 BRIDGE ST  
CORONA CA 92880-9108

235 410 03 00 0  
WRIGHT MILDRED L TR  
1732 S MAGNOLIA AV  
ONTARIO CA 91762

235 204 27 00 7  
WU CHIE HUEI & YU-CHEN  
10521 FREDRICK DR  
VILLA PARK CA 92667-5334

235 320 15 01 8  
WU FAMILY TR  
5012 SPENCER ST  
TORRANCE CA 90503

235 171 01 00 2  
WYMAN ROBERT & TATMAN  
KENNETH  
1512 18TH AV  
SAN FRANCISCO CA 94122

428 232 07 00 0  
YADEGAR FAMILY TRUST  
18258 ROSITA ST  
TARZANA CA 91356-4622

235 300 10 00 8  
YEH FAMILY TRUST  
3617 W 227TH PL  
TORRANCE CA 90505-2660

235 064 35 00 0  
YEP JING CHEW  
68 VALLEY CREST RD  
SIMI VALLEY CA 93065

234 520 35 00 8  
YIP CATHY  
44353 N ALBECK  
LANCASTER CA 93536

428 051 20 00 8  
YOO STEVEN C  
5801 LUMBERDALE RD U 144  
HOUSTON TX 77092-1515

428 240 60 00 2  
YOUNG JACOB D ET AL  
2401 E CREEK COVE  
DRIPPING SPGS TX 78620

235 352 10 00 7  
YOUSSEF A MALEK FAMILY TRUST  
9503 LAURLIN CT  
VIENNA VA 22182-1457

235 352 13 00 6  
ZAMARRIPA ALFREDO & MAURA C  
20833 HORST AV  
LAKEWOOD CA 90715-1529

428 041 22 00 1  
ZAMORAS LUCITA A  
8933 W GOLF RD  
NILES IL 60714-5812

234 052 03 00 3  
ZEDAN NAJIB T & NELLY N  
14201 STREAMS TOWN CT  
ORLAN PARK IL 60462

235 300 15 00 3  
ZIMMERMAN KAY & NELSON  
JAMES  
30464 BATTLE CRK BOTTOM RD  
MANTON CA 96059

235 024 42 00 8  
1987 DE MONTE FAMILY TRUST A  
2423 NICKLAUS DR  
SANTA MARIA CA 93455-1524

# Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P. O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613  
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH # _____
-------------

**Project Title:** Bellefield Solar Project by 50LW 8ME LLC

Lead Agency: Kern County Planning and Natural Resources Department Contact Person: Ronelle Candia  
Mailing Address: 2700 "M" Street Suite 100 Phone: (661) 862-8997  
City: Bakersfield Zip: 93301 County: Kern

**Project Location:** County: Kern City/Nearest Community: City of California City  
Cross Streets: Altus Avenue & State Route 58 Zip Code: 93501 & 93505  
Lat. / Long.: 35° N / 118°W Total Acres: 8,371  
Assessor's Parcel No.: Multiple Section: Multiple Twp.: 11N Range: 11W, 12W Base: SBB&M  
Within 2 Miles: State Hwy #: SR 58 Waterways: None  
Airports: Mojave Air and Spaceport Railways: Southern Pacific Railroad Schools: \_\_\_\_\_

### Document Type:

CEQA:  NOP  Draft EIR NEPA:  NOI Other:  Joint Document  
 Early Cons  Supplement/Subsequent EIR  EA  Final Document  
 Neg Dec (Prior SCH No.) \_\_\_\_\_  Draft EIS  Other \_\_\_\_\_  
 Mit Neg Dec Other \_\_\_\_\_  FONSI

### Local Action Type:

General Plan Update  Specific Plan  Rezone  Annexation  
 General Plan Amendment  Master Plan  Prezone  Redevelopment  
 General Plan Element  Planned Unit Development  Use Permit  Coastal Permit  
 Community Plan  Site Plan  Land Division (Subdivision, etc.)  Other \_\_\_\_\_

### Development Type:

Residential: Units \_\_\_\_\_ Acres \_\_\_\_\_  Water Facilities: Type \_\_\_\_\_ MGD \_\_\_\_\_  
 Office: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_  Transportation: Type \_\_\_\_\_  
 Commercial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_  Mining: Mineral \_\_\_\_\_  
 Industrial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_  Power: Type Solar PV MW 1,500  
 Educational \_\_\_\_\_  Waste Treatment: Type \_\_\_\_\_ MGD \_\_\_\_\_  
 Recreational \_\_\_\_\_  Hazardous Waste: Type \_\_\_\_\_  
 Other: Battery Energy Storage – 1,500 MW

### Project Issues Discussed in Document:

Aesthetic/Visual  Fiscal  Recreation/Parks  Vegetation  
 Agricultural Land  Flood Plain/Flooding  Schools/Universities  Water Quality  
 Air Quality  Forest Land/Fire Hazard  Septic Systems  Water Supply/Groundwater  
 Archeological/Historical  Geologic/Seismic  Sewer Capacity  Wetland/Riparian  
 Biological Resources  Minerals  Soil Erosion/Compaction/Grading  Wildlife  
 Coastal Zone  Noise  Solid Waste  Growth Inducing  
 Drainage/Absorption  Population/Housing Balance  Toxic/Hazardous  Land Use  
 Economic/Jobs  Public Services/Facilities  Traffic/Circulation  Cumulative Effects  
 Other GHG, Wildfire, Tribal Cultural Resources, Energy

### Present Land Use/Zoning/General Plan Designation:

Undeveloped Land/*Kern County General Plan*: 1.1 (State and Federal Land); 8.5 (Resource Management, Min. 20 Acre Parcel Size); and 8.5/2.5 (Resource Management, Min. 20 Acre Parcel Size/Flood Hazard).

Undeveloped Land/*Mojave Specific Plan*: 7.1 (7.1 – Light Industrial); and 7.3 (7.3 – Heavy Industrial).

*Kern County Zoning*: A (Exclusive Agriculture); A-1 (Limited Agriculture); A-1 MH (Limited Agriculture Mobilehome Combining District); M-2 PD (Medium Industrial Precise Development Combining District); and M-3 PD (Heavy Industrial Precise Development Combining District).

*California City General Plan*: O/RA – Controlled Development & Open Space.

*California City Zoning*: O/RA (Open Space/Residential/Agricultural).

**Project Description:**

The Bellefield Solar Project by 50LW 8ME LLC (project proponent), is a proposed photovoltaic solar facility and energy storage system capable of producing up to 1,500 megawatt (MW) alternating current (AC) utility-scale solar power with an up to 1,500 MW-hour (MWh) energy storage capacity on approximately 8,371 acres of privately-owned land. The proposed project would be supported by a 230 kilovolt (kV) overhead and/or underground electrical transmission line(s) originating from one or more on-site substation(s)/switchyard(s) and terminating at the Southern California Edison (SCE) Windhub Substation. The combined linear distance of the gen-tie alternatives are 89.6 miles with a width of 200 feet. The collector lines are generally located within or adjacent to the Kern County and/or California City parcels, while the gen-tie alternatives generally originate from the central portion of the Project heading west around Mojave, before reaching Oak Creek Road and SCE's Windhub Substation. The project may require the acquisition of up to 200 feet of privately-owned land, abutting the Oak Creek Road right-of-way for gen-tie routing purposes. The proposed project's permanent facilities would include service roads, a power collection system, communication cables, overhead and underground transmission lines, electrical switchyards, project substations, energy storage system(s), and operations and maintenance (O&M) facilities.

Implementation of the project as proposed would require: *Kern County (Lead Agency)*: a) GPA #2, Map 195; b) ZCC 2, Map 195; c) ZCC #57, Map 196; d) CUP #1, Map 195; e) CUP #57, Map 196; and f) SPA #31, Map 196. *California City (Responsible Agency)*: a) CUP 19-03.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "X". If you have already sent your document to the agency please denote that with an "S".

- S Air Resources Board
Boating & Waterways, Department of
S California Highway Patrol
X CalFire
S Caltrans District # 6 & 9
S Caltrans Division of Aeronautics
Caltrans Planning (Headquarters)
Central Valley Flood Protection Board
Coachella Valley Mountains Conservancy
Coastal Commission
Colorado River Board
S Conservation, Department of
Corrections, Department of
Delta Protection Commission
Education, Department of
S Energy Commission
S Fish & Game Region # Fresno
Food & Agriculture, Department of
General Services, Department of
Health Services, Department of
Housing & Community Development
Integrated Waste Management Board
X Native American Heritage Commission
Office of Emergency Services
Office of Historic Preservation
Office of Public School Construction
S Parks & Recreation
Pesticide Regulation, Department of
S Public Utilities Commission
S Regional WQCB # Lahontan
Resources Agency
S.F. Bay Conservation & Development Commission
San Gabriel & Lower L.A. Rivers and Mtns Conservancy
San Joaquin River Conservancy
Santa Monica Mountains Conservancy
S State Lands Commission
SWRCB: Clean Water Grants
SWRCB: Water Quality
SWRCB: Water Rights
Tahoe Regional Planning Agency
S Toxic Substances Control, Department of
S Water Resources, Department of
Other
Other

Local Public Review Period (to be filled in by lead agency)

Starting Date January 15, 2021 Ending Date February 15, 2021

Lead Agency (Complete if applicable):

Consulting Firm: Michael Baker International Applicant: 50LW 8ME, LLC c/o 8minute Solar Energy
Address: 3760 Kilroy Airport Way, Suite 270 Address: 250 Sutter Street, Suite 600
City/State/Zip: Long Beach, CA 90806 City/State/Zip: San Francisco, CA 94108
Contact: Randy Nichols, Senior Project Manager Phone: (415) 818-5103
Phone: (562) 200-7168

Signature of Lead Agency Representative: /s/ Ronelle Candia, Supervising Planner Date: 01/15/2021

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## INITIAL STUDY CHECKLIST

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### **Bellefield Solar Project by 50LW 8ME LLC**

General Plan Amendment #2, Map 195  
Zone Change Case #2, Map 195  
Zone Change Case #57, Map 196  
Conditional Use Permit #1, Map 195  
Conditional Use Permit #57, Map 196  
Specific Plan Amendment #31, Map 196

(PP20403)

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### **LEAD AGENCY:**



Kern County Planning and Natural Resources Department  
2700 M Street, Suite 100  
Bakersfield, CA 93301-2370  
Contact: Ronelle Candia, Supervising Planner  
(661) 862-8997  
candiar@kerncounty.com

### **RESPONSIBLE AGENCY:**



California City Planning & Economic Development Administrator  
21000 Hacienda Boulevard  
California City, CA 93505  
Contact: Shawn Monk, Planning and Economic Development Administrator  
(760) 373-7141  
planning@californiacity-ca.gov

**TECHNICAL ASSISTANCE BY: Michael Baker International**

**January 2021**

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# 1. Project Description

## 1.1. Project Location

The proposed Bellefield Solar Project (proposed project) is a proposal by 50LW 8ME LLC (project proponent) to construct and operate a photovoltaic (PV) solar facility and associated infrastructure to generate up to 1,500 megawatts (MW) of alternating current (AC) renewable electrical power with an up to 1,500 MW-AC energy storage system on approximately 8,371 acres located on private land. The project site is located within portions of unincorporated Kern County and the City of California City. Refer to **Figure 1, Regional Vicinity Map**. The project site is located east of the community of Mojave and the Mojave Air and Space Port Airport (Mojave Airport), straddles State Route (SR) 58, and is just west and south of the Hyundai Proving Ground (**Figure 2, Aerial Photograph**). The project site boundaries are illustrated in **Figure 3, Project Boundaries**. SR-58, a four-lane divided highway, which is eligible for listing as a scenic highway within the project area, provides regional access to the project site. Vehicular access to the site would be also be from Altus Ave, Arroyo Ave, Denise Ave, Sunset Ave, Silver Queen Road, and 20<sup>th</sup>, 30<sup>th</sup>, 50<sup>th</sup> and 70<sup>th</sup> Streets. Many unmaintained dirt roads crisscross the Project site.

According to the U.S. Geological Survey (USGS), the majority of the project falls within the lower  $\frac{3}{4}$  portion of the Sanborn USGS 1:24,000 topographic map (7.5-minute quadrangle). The project extends east into the southwest portion of the California City South quadrangle and into the upper northern portion of the Bissell quadrangle, and into the eastern portion of the Mojave quadrangle. More specifically, the project is located as follows: Township 11N, Range 11W, all or portions of Sections 5, 6, 7, 17, 18, 19, 20, 21 (all), 22, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, and 35 and Township 11N, Range 12W, portions of Sections 1 and 2 (**Figure 3, Project Boundaries**).

As shown on **Figure 4, Parcel Map**, the project site consists of 90 parcels comprising approximately 8,371 acres located in unincorporated Kern County and the City of California City. The project includes 82 parcels (totaling 6,269 gross acres) located within unincorporated Kern County and 8 parcels (totaling approximately 2,102 gross acres) located within the jurisdictional limits of California City. The project is located within the boundaries of the Kern County General Plan, the Mojave Specific Plan, and the City of California City General Plan planning boundaries, as shown in **Figure 5, Existing General Plan and Mojave Specific Plan Designations -- Kern County**. One parcel (parcel with APN 235-024-14) within the project site has the existing Kern County General Plan Map Code 1.1, State or Federal Land; however, the property is privately-owned. The property map code will be changed to 8.5, Resource Management, as part of the proposed project action. Refer to **Figure 6, Proposed General Plan Designation – Kern County**. The project area General Plan designations are shown in and **Figure 7, Existing General Plan Designations -- California City**.

The project site zone classifications in Kern County and California City are shown on **Figure 8, Existing Zoning Classifications-- Kern County**, and **Figure 9, Existing Zoning Classifications – California City**, respectively. **Table 1, Project Assessor Parcel Numbers, Existing and Proposed Map Code Designations, Existing and Proposed Zoning, ALUCP Designations, and Acreage**, identifies the 90 individual APNs, their respective acreages, map code designations, and existing and proposed zoning classifications. Refer to **Figure 10, Proposed Zoning Classifications – Kern County**, showing the project’s proposed zoning classifications in Kern County.



**TABLE 1. PROJECT ASSESSOR PARCEL NUMBERS, EXISTING AND PROPOSED MAP CODE DESIGNATIONS, EXISTING AND PROPOSED ZONING, ALUCP DESIGNATIONS, AND ACREAGE**

Map ID	APN	Existing Map Code Designation	Proposed Map Code Designation	Existing Zoning	Proposed Zoning	ALUCP Designation	Acres
<b>Kern County</b>							
1	428-010-11	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-3 PD	M-1 PD	B2	263.77
2	428-010-10	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-3 PD	M-1 PD	B2	42.61
3	428-010-02	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-3 PD	M-1 PD	B2	171.12
4	428-010-03	7.3 (Mojave Specific Plan)	7.3 (Mojave Specific Plan)	M-3 PD	M-3 PD	--	170.95
5	235-024-01	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	120.51
5	235-024-01	8.5/2.5 (Kern County General Plan)	8.5/2.5 (Kern County General Plan)	A-1	A	--	2.94
6	428-052-15	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	4.32
7	428-052-17	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	7.20
8	428-053-18	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	9.35
9	428-053-16	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	10.19
10	428-041-38	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	15.69
11	428-042-35	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	7.36
12	428-041-02	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	20.51
13	428-042-02	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	20.43
14	428-041-03	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	20.56
15	428-042-03	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	A	A	B2	20.48
16	428-041-04	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	20.61
17	428-042-04	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	A	A	B2	20.53
18	428-041-05	7.1 (Mojave Specific Plan)	7.1 (Mojave Specific Plan)	M-2 PD	M-1 PD	B2	5.21
19	235-024-42	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1 MH	A	--	26.95
19	235-024-42	8.5/2.5 (Kern County General Plan)	8.5/2.5 (Kern County General Plan)	A-1 MH	A	--	14.04
20	235-024-43	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1 MH	A	--	25.67
20	235-024-43	8.5/2.5 (Kern County General Plan)	8.5/2.5 (Kern County General Plan)	A-1 MH	A	--	15.41



**TABLE 1, CONTINUED**

Map ID	APN	Existing Map Code Designation	Proposed Map Code Designation	Existing Zoning	Proposed Zoning	ALUCP Designation	Acres
21	235-024-14	1.1 (Kern County General Plan) <sup>1</sup>	8.5 (Kern County General Plan)	A	A	--	82.34
22	235-022-01	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	538.26
22	235-022-01	8.5/2.5 (Kern County General Plan)	8.5/2.5 (Kern County General Plan)	A-1	A	--	118.74
23	235-024-40	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.57
24	235-024-17	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	63.64
25	235-024-15	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	79.94
26	235-024-41	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	B2, C	655.00
27	235-351-01	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	B2, C	81.53
28	235-081-09	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	61.19
29	235-081-12	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.18
30	235-351-02	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	20.47
31	235-351-03	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	20.45
32	235-351-04	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	40.86
33	235-081-10	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	20.43
34	235-081-11	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.19
35	235-081-07	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.20
36	235-081-05	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.21
37	235-081-03	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.19
38	235-081-04	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.20
39	235-064-01	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	332.71
40	235-082-25	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	2.56
41	235-082-24	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	2.56
42	235-082-19	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	10.22
43	235-082-01	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	5.10
44	235-082-06	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	25.53
45	235-082-18	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	5.11



**TABLE 1, CONTINUED**

Map ID	APN	Existing Map Code Designation	Proposed Map Code Designation	Existing Zoning	Proposed Zoning	ALUCP Designation	Acres
46	235-082-17	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	5.12
47	235-082-07	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	5.11
48	235-340-07	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.30
49	235-340-09	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	82.69
50	235-340-10	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.38
51	235-340-11	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.39
52	235-340-28	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	41.60
53	235-340-36	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1 MH	A	--	2.59
54	235-340-19	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1 MH	A	--	10.37
55	235-340-29	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	2.59
56	235-353-22	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1 MH	A	C	0.89
56	235-353-22	8.5/2.5 (Kern County General Plan)	8.5/2.5 (Kern County General Plan)	A-1 MH	A	C	1.69
57	235-353-21	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1 MH	A	C	1.59
57	235-353-21	8.5/2.5 (Kern County General Plan)	8.5/2.5 (Kern County General Plan)	A-1 MH	A	C	0.98
58	235-353-11	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1 MH	A	C	5.15
59	235-082-16	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1 MH	A	C	40.99
60	235-082-15	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	20.48
61	235-082-12	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	1.28
62	235-065-18	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	398.53
62	235-065-18	8.5/2.5 (Kern County General Plan)	8.5/2.5 (Kern County General Plan)	A-1	A	C	44.11
63	235-065-04	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	15.50
64	235-065-05	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	0.99
65	235-065-07	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	1.49
66	235-065-17	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	C	33.49
67	235-064-12	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	41.38



**TABLE 1, CONTINUED**

Map ID	APN	Existing Map Code Designation	Proposed Map Code Designation	Existing Zoning	Proposed Zoning	ALUCP Designation	Acres
69	235-064-29	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	77.86
70	235-064-26	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	41.39
71	235-064-25	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	41.40
72	235-064-28	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	41.37
73	235-064-27	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	41.40
74	235-191-01	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.32
75	235-134-01	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	392.03
75	235-134-01	8.5/2.5 (Kern County General Plan)	8.5/2.5 (Kern County General Plan)	A-1	A	--	98.78
76	235-132-16	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	601.25
76	235-132-16	8.5/2.4 (Kern County General Plan)	8.5/2.4 (Kern County General Plan)	A-1	A	--	0.22
77	235-410-04	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	8.04
78	235-410-02	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.16
79	235-410-06	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	10.08
86	235-101-29	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	22.83
88	235-102-02	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	305.10
89	235-102-01	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	11.58
90	235-221-01	8.5 (Kern County General Plan)	8.5 (Kern County General Plan)	A-1	A	--	489.82
<b>Subtotal –Kern County Acres</b>							<b>6,268.07</b>
<b>California City</b>							
68	235-061-02	O/RA (California City General Plan)	O/RA (California City General Plan)	O/RA	O/RA	--	658.81
80	235-282-22	O/RA (California City General Plan)	O/RA (California City General Plan)	O/RA	O/RA	--	2.55
81	235-101-51	O/RA (California City General Plan)	O/RA (California City General Plan)	O/RA	O/RA	--	262.88
82	235-101-47	O/RA (California City General Plan)	O/RA (California City General Plan)	O/RA	O/RA	--	154.85
83	235-101-45	O/RA (California City General Plan)	O/RA (California City General Plan)	O/RA	O/RA	--	304.05
84	235-101-46	O/RA (California City General Plan)	O/RA (California City General Plan)	O/RA	O/RA	--	103.66
85	235-101-49	O/RA (California City General Plan)	O/RA (California City General Plan)	O/RA	O/RA	--	464.68
86	235-101-29	O/RA (California City General Plan)	O/RA (California City General Plan)	O/RA	O/RA	--	0.72



**TABLE 1, CONTINUED**

Map ID	APN	Existing Map Code Designation	Proposed Map Code Designation	Existing Zoning	Proposed Zoning	ALUCP Designation	Acres
87	235-101-48	O/RA (California City General Plan	O/RA (California City General Plan	O/RA	O/RA	--	151.16
<i>Subtotal – California City Acres</i>							<b>2,103.36</b>
<b>Total</b>							<b>8,371.43</b>
<p>Notes:</p> <p><i>Kern County General Plan Map Code Designation:</i>            1.1 (State or Federal Land);            8.5 (Resource Management, Min. 20 Acre Parcel Size);            8.5/2.5 (Resource Management, Min. 20 Acre Parcel Size/Flood Hazard)</p> <p><i>Mojave Specific Plan Map Code Designation</i>            7.1 (Light Industrial);            7.3 (Heavy Industrial)</p> <p><i>Kern County Zone District:</i>            A (Exclusive Agriculture); A-1 (Limited Agriculture); A-1 MH (Limited Agriculture, Mobile Home Combining); M-2 PD (Medium Industrial, Precise Development Combining); M-3 PD (Heavy Industrial, Precise Development Combining)</p> <p><i>California City General Plan Designation:</i>            O/RA = Controlled Development, Public Parks and Recreation or Public Schools</p> <p><i>California City General Plan</i>            O/RA = Controlled Development &amp; Open Space</p> <p><i>California City Zoning District:</i>            O/RA = Open Space/Residential Agricultural</p> <p><i>Airport Land Use Compatibility Plan – Mojave Air and Spaceport</i>            B2: Zone B2, The Extended Approach/Departure Zone includes areas where aircraft are commonly below 800 feet above ground level on a straight-in approach or straight-out departure. The 60 CNEL contour should be encompassed within this zone.            C: Zone C, the outer boundary of the Common Traffic Pattern Zone is defined as the area where aircraft are commonly below 1,000 feet above ground level (i.e., the traffic pattern and pattern entry points). This area is considered to extent 5,000 feet laterally from the runway centerline.</p>							

**Proposed Gen-Tie Routes**

Power generated from the proposed project would be delivered by up to a 230 kilovolt (kV) overhead and/or underground electrical transmission line(s) originating from one or more on-site substation(s)/switchyard(s) and terminating at the Southern California Edison (SCE) Windhub Substation (**Figure 2, Aerial Photograph**). The combined linear distance of the gen-tie alternatives are 89.6 miles with a width of 200 feet. The collector lines are generally located within or adjacent to the Kern County and/or California City parcels, while the gen-tie alternatives generally originate from the central portion of the Project heading west around Mojave, before reaching Oak Creek Road and SCE’s Windhub Substation (**Figure 2, Aerial Photograph**). The project may require the acquisition of up to 200 feet of privately-owned land, abutting the Oak Creek Road right-of-way for gen-tie routing purposes.

The proposed gen-tie routes cross the western portion of the Sanborn quadrangle and extends from the project south into the upper northern portion of the Bissell and Soledad Mountain quadrangles, the southern portion of the Mojave quadrangle, and the southeastern portion of the Monolith quadrangle.



## 1.2. Environmental Setting

Several unincorporated rural communities are located near the project site. The rural community of Mojave is located adjacent to the northwestern corner of the project site; however, the nearest uses in this area consist of non-residential and airport uses. Mojave generally consists predominantly of scattered single-family homes and the Mojave Airport. The Hyundai Proving Ground, which is a 3,840-acre testing site for Hyundai new automobile and powersports products, is adjacent to the project site to the north and east. Additionally, the smaller, rural communities of Fleta, Sanborn, and Bissell are located to the southwest, south, and southeast of the project site. The nearest sensitive receptors consist of several scattered rural residences located approximately 1.2 miles southwest of the southwest corner of the project site. The closest residences are located off Dalton Avenue, in the community of Sanborn. Edwards Air Force Base (AFB) is directly southeast of the project site. The BNSF railway is a single track through the Gen-tie Corridor that becomes a double track line railroad through the project area. The railroad generally parallels the east-west portion of SR 58 a little over a mile to the south. Refer to **Figure 3, Project Boundaries**, showing the locations of the communities near the project site.

Approximate elevations within the project site range from 2,798 feet above mean sea level (amsl) in the northwest corner to 2,532 feet amsl in the southern portion. The Project is relatively flat with increases in elevation to the west and east. The Gen-tie Corridor ranges in elevation from 2,541 feet AMSL near the southeastern portion of the Project to 3,468 feet amsl at the northwestern corner of the SCE Windhub Substation.

The project site is located in the Mojave Desert Region of the Desert Floristic Province. Landforms in the region include granite-derived basin floors, flood plains, alluvial fans, small clay pans, and rock pediments. Mountains and hills, residuum weathered from basalt, granite, and sandstone, are also present. Cache Creek, a major stream on the east slope of the Tehachapi Mountains, traverses the north of the project site and ultimately drains into Koehn Dry Lake to the northeast. The southern portion of the project drains southeast towards Rogers Dry Lake.

Native vegetation on-site is typical of that found throughout the Mojave Desert. Kern County parcels and collector lines support seven and eight vegetation communities, respectively, of which three are considered to be sensitive by the California Department of Fish and Wildlife. California City parcels and collector lines support seven and five vegetation communities, respectively, of which three are sensitive. Sensitive communities consist of Spinescale Scrub, Winter Fat Scrubland, and Joshua Tree Woodland. The gen-tie corridor traverses through the various vegetation communities, including the sensitive communities of Spinescale Scrub and Joshua Tree Woodland.

Evidence of sheep grazing, including sheep trails, pellets, and heavily impacted watering areas, is present on the project site. In addition, there is also widespread sporadic shooting activity including a heavily used area located in the southwestern portion of the project; illegal dump sites as well as blown trash; and limited off-highway vehicle (OHV) use was also observed throughout the project site.

The Federal Emergency Management Agency (FEMA) delineates flood hazard areas on its Flood Insurance Rate Maps (FIRMs). Based on a review of the FIRMs for the project area, portions of the solar facility site and gen-tie line are mapped in 100-year (Zone A) floodplains. Zone A is defined as areas subject to inundation by the 1-percent-annual-chance flood event, generally determined using approximate methodologies. The rest of the project site is mapped as Zone X, which is defined as areas of minimal flood hazard that are outside of the Special Flood Hazard Area and beyond the limits of the 0.2-percent-annual-chance (500-year) flood (refer to **Figure 11, FEMA Map**).



The project site is not designated by the California Department of Conservation (DOC) as Prime Farmland, Farmland of Statewide Importance, or Unique Farmland. The project site is designated as nonagricultural and natural vegetation. There are no lands designated as important farmland located adjacent to or in the vicinity of the project site. Additionally, no lands affected by the project are subject to a Williamson Act Land Use contract, nor are they located within a Kern County Agricultural Preserve.

The project site is not within a mineral recovery area or within a designated mineral and petroleum resource site designated by the Kern County or California City General Plans, nor is it identified as a mineral resource zone by the Department of Conservation's California Geologic Energy Management Division (CalGEM) State Mining and Geology Board.

The Kern County Fire Department and California City Fire Department would provide fire suppression and emergency medical services to the project area. The portion of the project site located within unincorporated Kern County would be served by Station #14 located at 1773-1999 Mojave-Barstow Highway in Mojave. The portion of the project site located within California City would be served by Station #85, located at 20890 Hacienda Boulevard in California City.

Law enforcement services in the project area are provided by the Kern County Sheriff's Department and California City Police Department. The portion of the project site located within unincorporated Kern County would be served by the Kern County Sheriff's Department - Mojave Substation located at 1771 SR 58. The portion of the project site located within California City would be served by the station located at 21130 Hacienda Boulevard.

A large east-west utility corridor is located just south of SR 58 that bisects the southern portion of the project site. This corridor includes at least three gas pipelines and a petroleum products pipeline operated by Pacific Gas and Electric and El Paso Corporation (Mojave Pipeline). One of these pipeline rights-of-ways also crosses to the north side of SR 58 in the eastern portion of the project area. An AT&T fiber optic line also passes through the project area in an east-west direction south of SR 58 in the west and then just north of SR 58 where it exits the project area to the east. An Antelope Valley East Kern Water Agency (AVEKWA) water pipeline and its associated right-of-way road is located along the southern boundary of the project area.

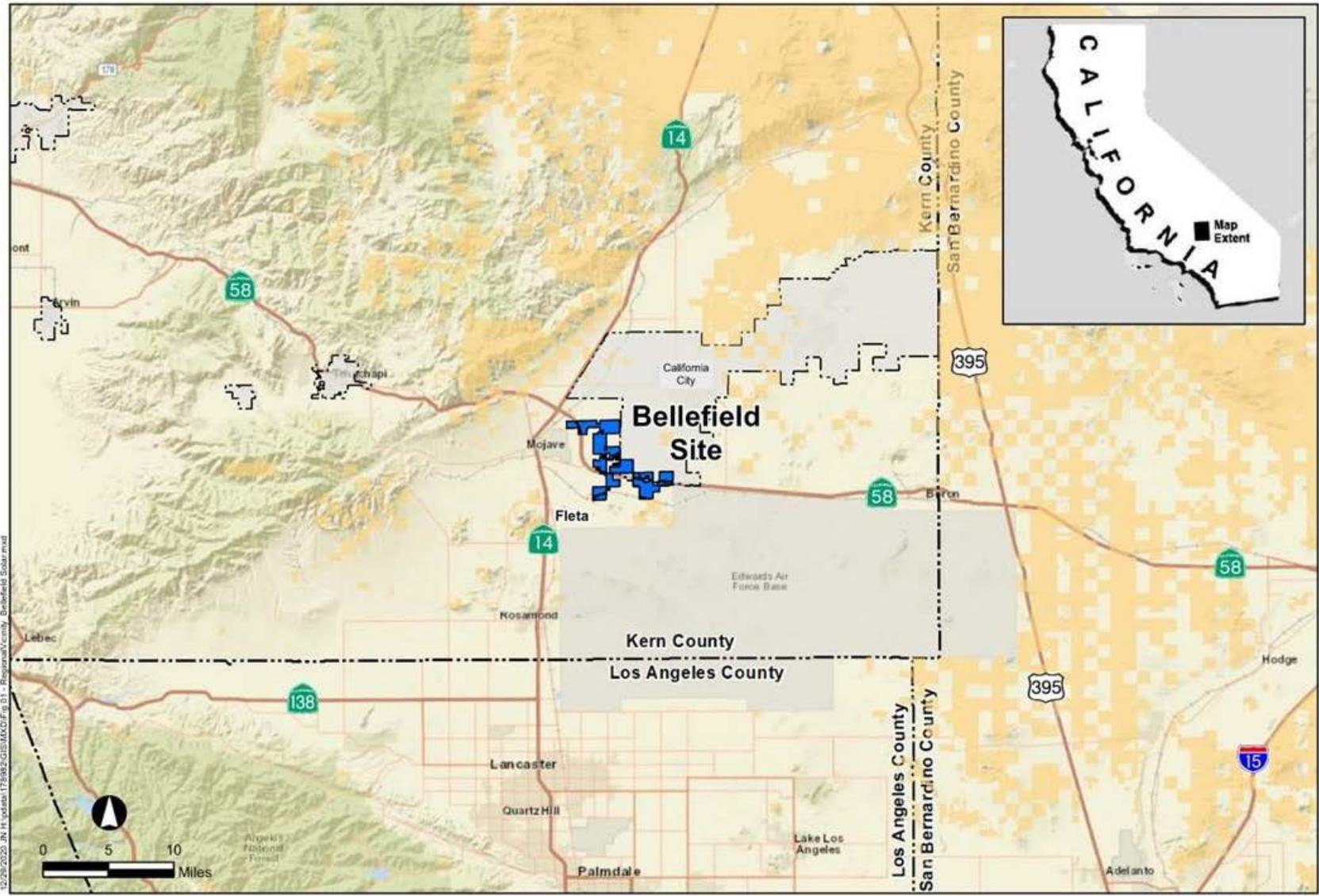
The Mojave Air and Spaceport is located approximately two miles west of the project site, and the western portion of the project site is located within an area governed by the Kern County Airport Land Use Compatibility Plan (ALUCP). Specifically, as shown on **Figure 12, ALUCP Designations**, portions of the project site are located in "Compatibility Zone B2 – Extended Approach/Departure Zone" and "Compatibility Zone C – Common Traffic Pattern". Refer to **Table 1, Project Assessor Parcel Numbers, Existing and Proposed Map Code Designations, Existing and Proposed Zoning, ALUCP Designations, and Acreage**.

As shown on **Figure 4, Parcel Map**, the project site consists of 90 parcels located in unincorporated Kern County and California City. The project includes 82 parcels totaling 6,269 gross acres within unincorporated Kern County and 8 parcels totaling approximately 2,102 gross acres within California City. **Table 1, Project Assessor Parcel Numbers, Existing and Proposed Map Code Designations, Existing and Proposed Zoning, ALUCP Designations, and Acreage**, identifies the 90 individual APNs, their respective acreages, map code designations, and existing and proposed zoning classifications. As shown on **Figure 5, Existing General Plan and Mojave Specific Plan Designations -- Kern County**, the project parcels located in unincorporated Kern County area are designated by the Kern County General Plan 8.5 (Resource Management, minimum 20 acre parcel size), and 8.5/2.5 (Resource Management, minimum 20 acre parcel



size/ Flood Hazard) and the Mojave Specific Plan as Map Code 7.1 (Light Industrial) and 7.3 (Heavy Industrial). As mentioned previously, one parcel (parcel with APN 235-024-14) within the project site has the existing Kern County General Plan Map Code 1.1, State or Federal Land; however, the property is privately-owned. The property map code will be changed to 8.5, Resource Management, as part of the proposed project action. Refer to **Figure 6**, *Proposed General Plan Designation – Kern County*. As shown on **Figure 7**, *Existing General Plan Designations -- California City*, the project parcels located in unincorporated Kern County have a zone classification of A (Exclusive Agriculture), A-1 (Limited Agriculture), A-1 MH (Limited Agriculture, Mobile Home Combining), M-2 PD (Medium Industrial, Precise Development Combining), and M-3 PD (Heavy Industrial, Precise Development Combining).

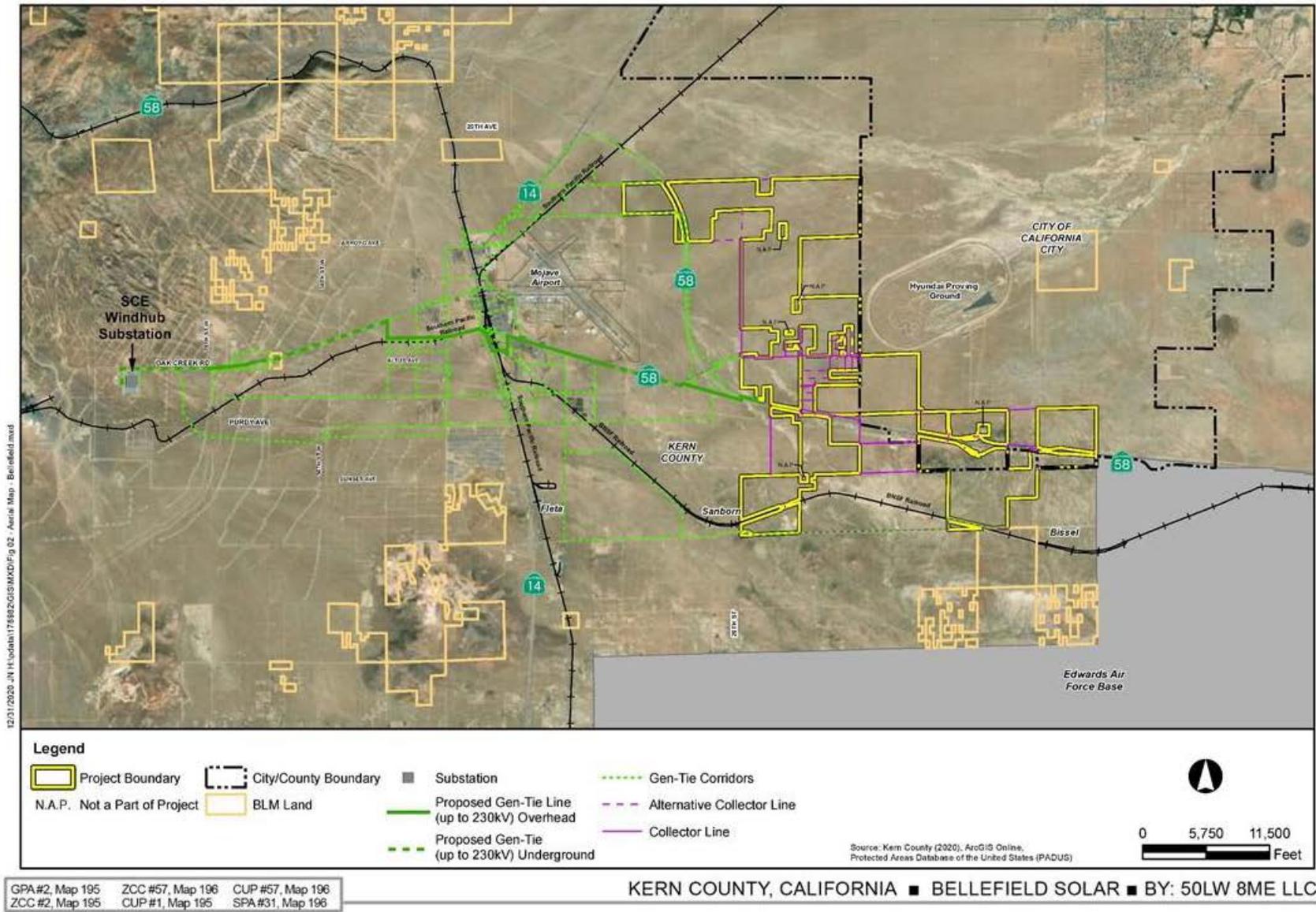
As shown on **Figure 7**, *Existing General Plan Designations -- California City*, the project parcels located in California City are designated by the General Plan as O/RA (Controlled Development & Open Space). As shown on **Figure 9**, *Existing Zoning Classifications – California City*, the project parcels located in California City have a zone classification of O/RA (Open Space/Residential Agriculture). Existing land uses in the surrounding area are primarily undeveloped. **Table 2**, *Existing On- and Off-site Land Use, General Plan and Specific Plan Map Code Designations, and Zoning*, identifies the project site and surrounding land uses.



GPA#2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

KERN COUNTY, CALIFORNIA ■ BELLEFIELD SOLAR ■ BY: 50LW 8ME LLC

FIGURE 1  
 REGIONAL VICINITY MAP



**FIGURE 2  
 AERIAL PHOTOGRAPH**

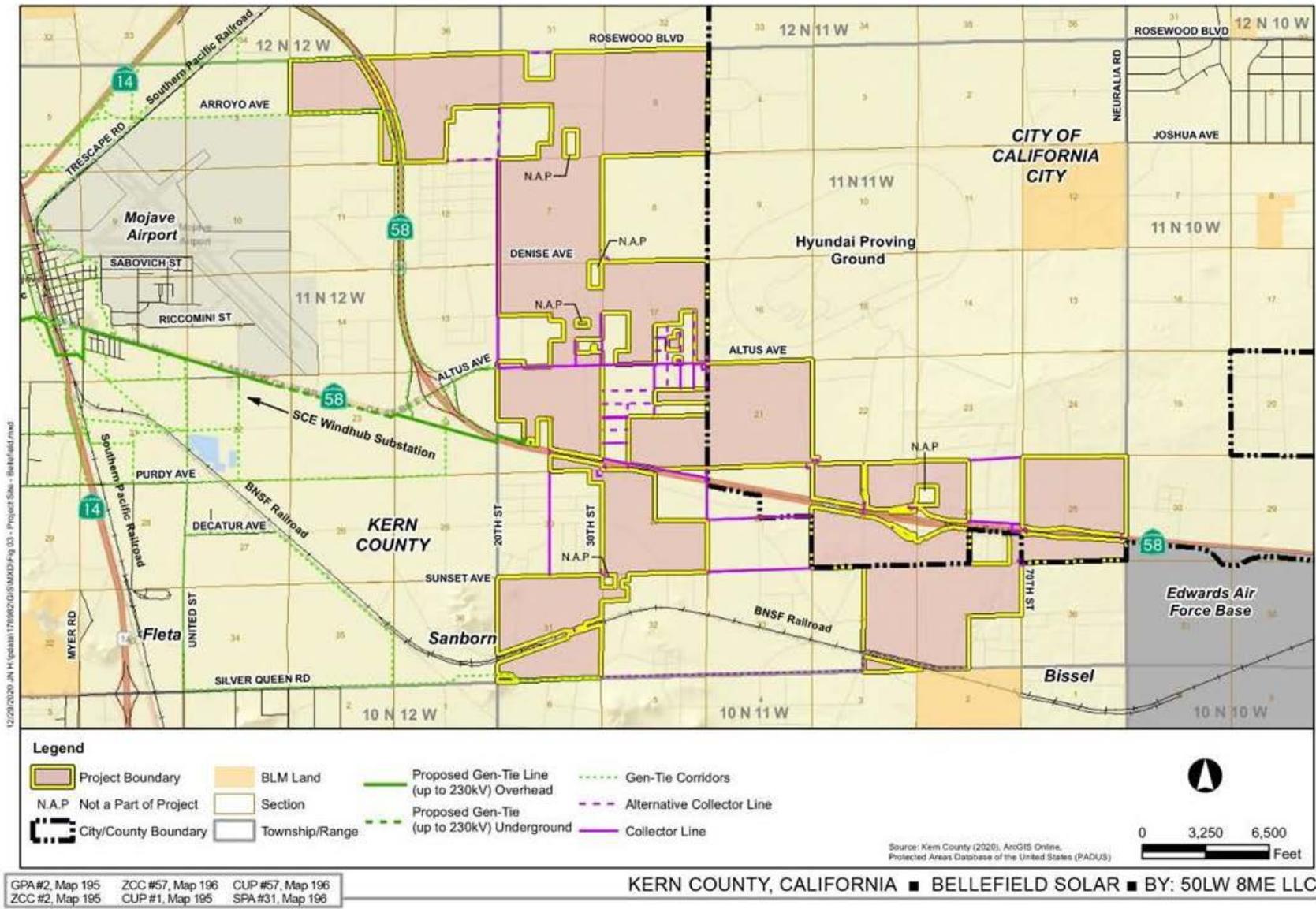


FIGURE 3  
 PROJECT BOUNDARIES

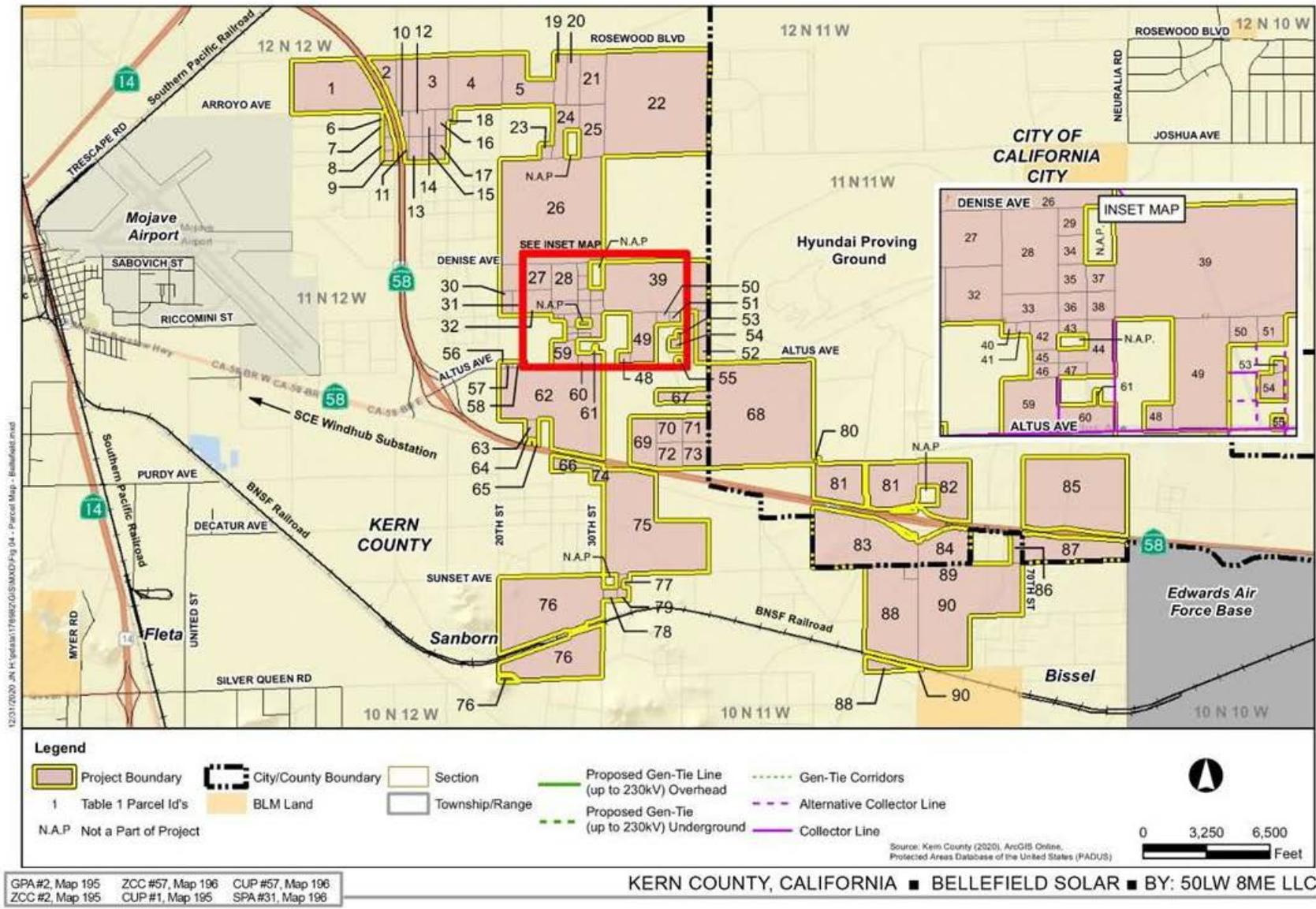
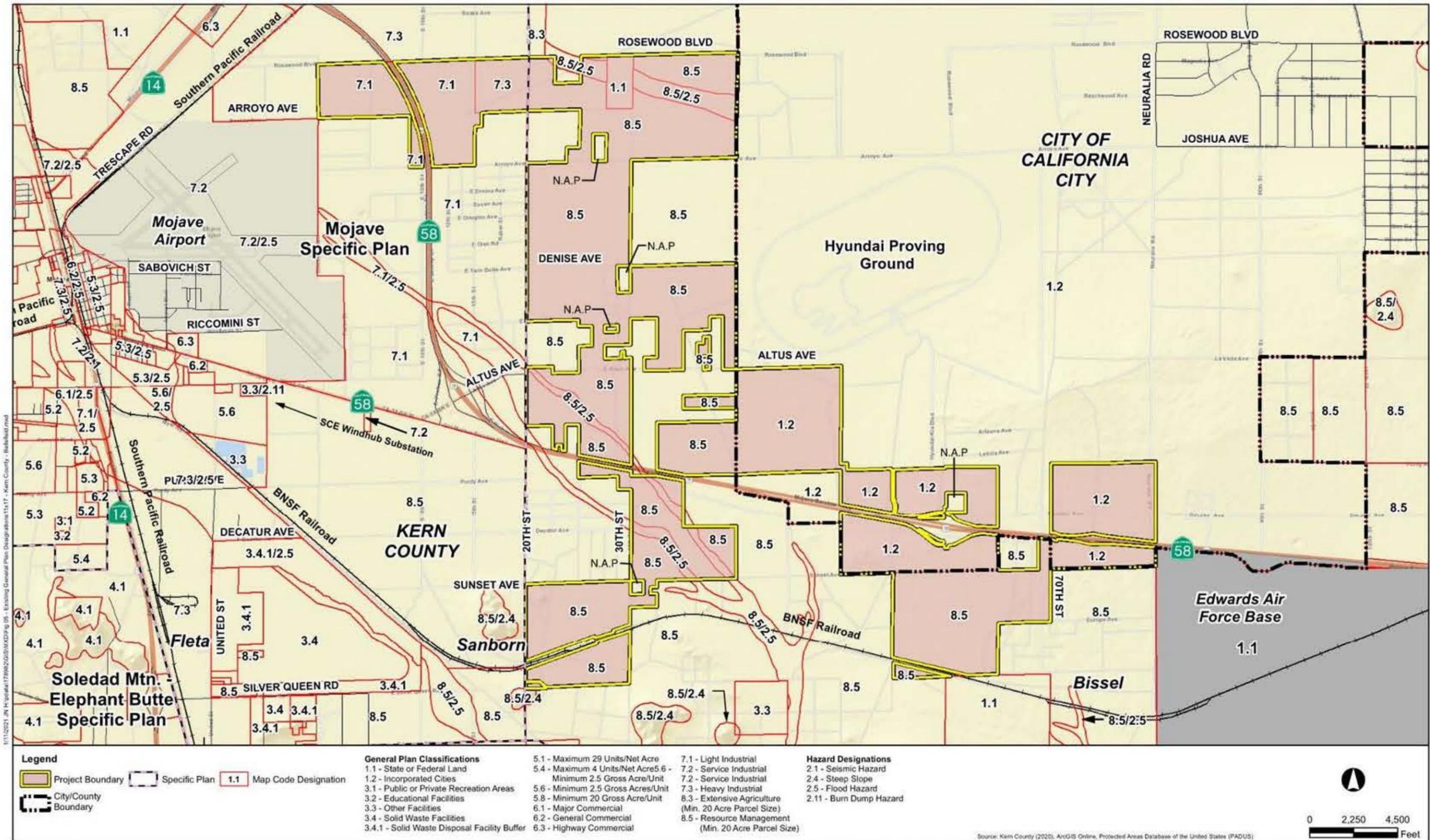


FIGURE 4  
 PARCEL MAP



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GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

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FIGURE 5  
EXISTING GENERAL PLAN AND MOJAVE SPECIFIC PLAN DESIGNATIONS -- KERN COUNTY



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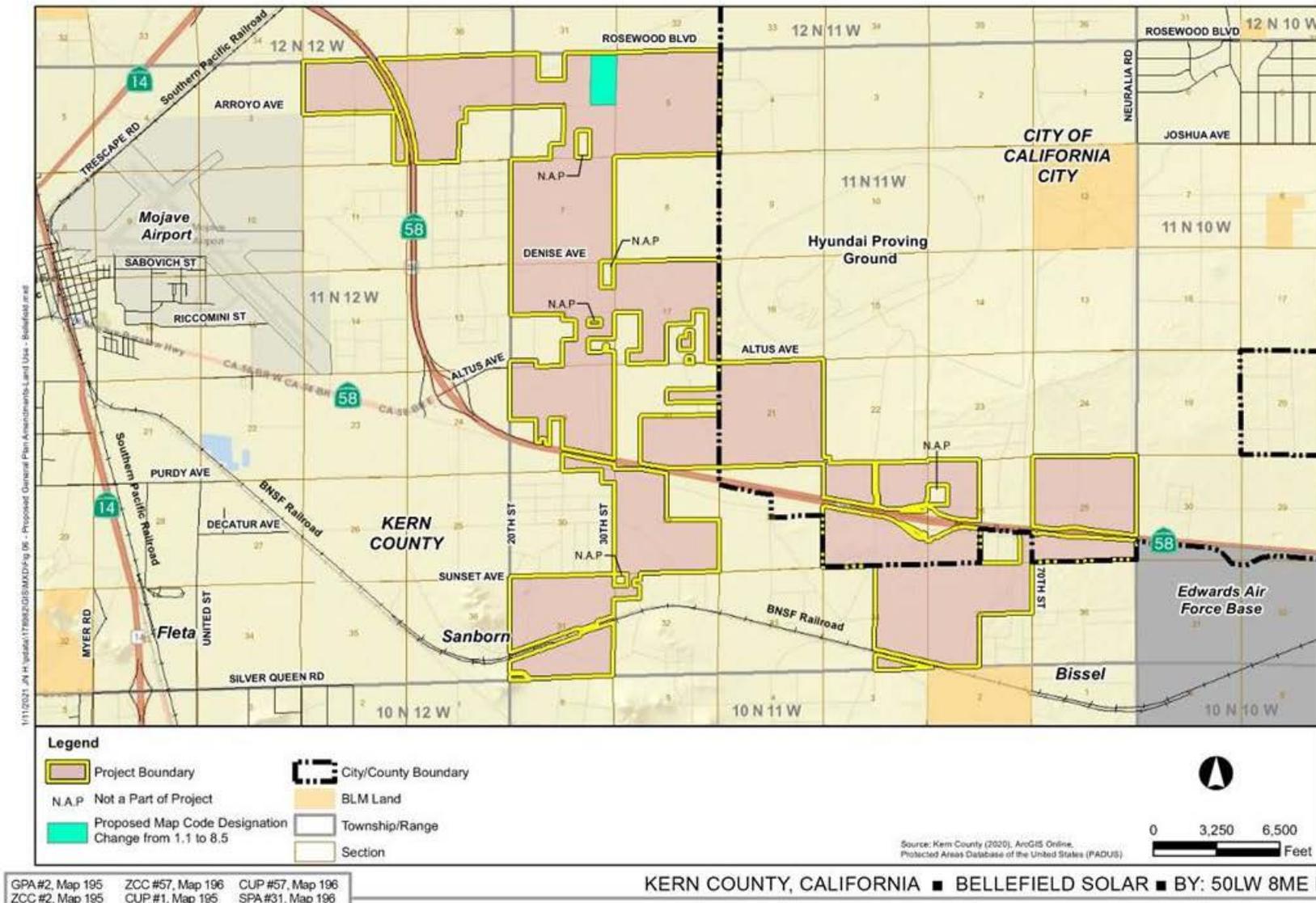


FIGURE 6  
 PROPOSED GENERAL PLAN DESIGNATION – KERN COUNTY

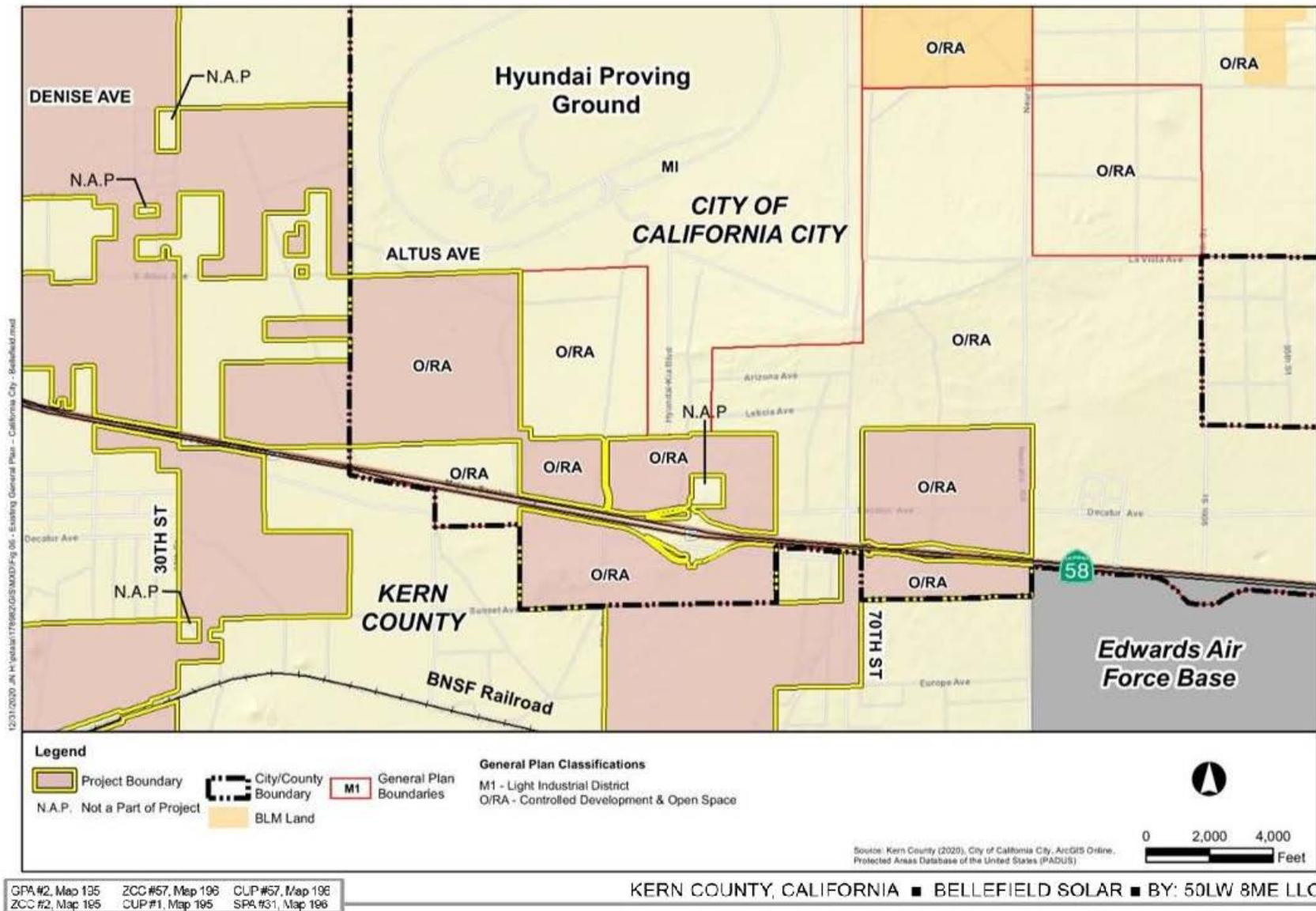
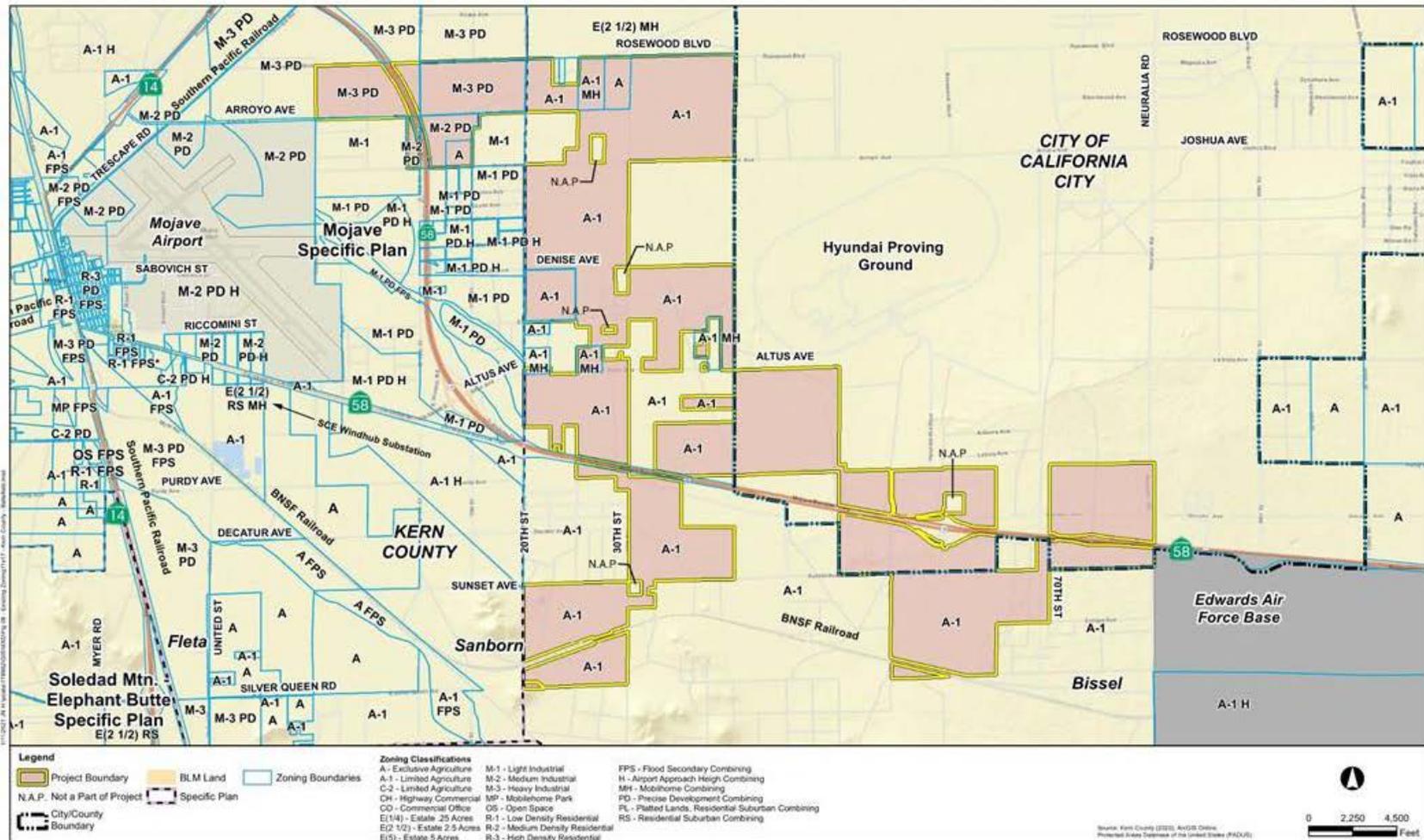


FIGURE 7  
 EXISTING GENERAL PLAN DESIGNATIONS -- CALIFORNIA CITY



GPA#2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA#31, Map 196

KERN COUNTY, CALIFORNIA ■ BELLEFIELD SOLAR ■ BY: 50LW 8ME LLC

FIGURE 8  
 EXISTING ZONING CLASSIFICATIONS-- KERN COUNTY

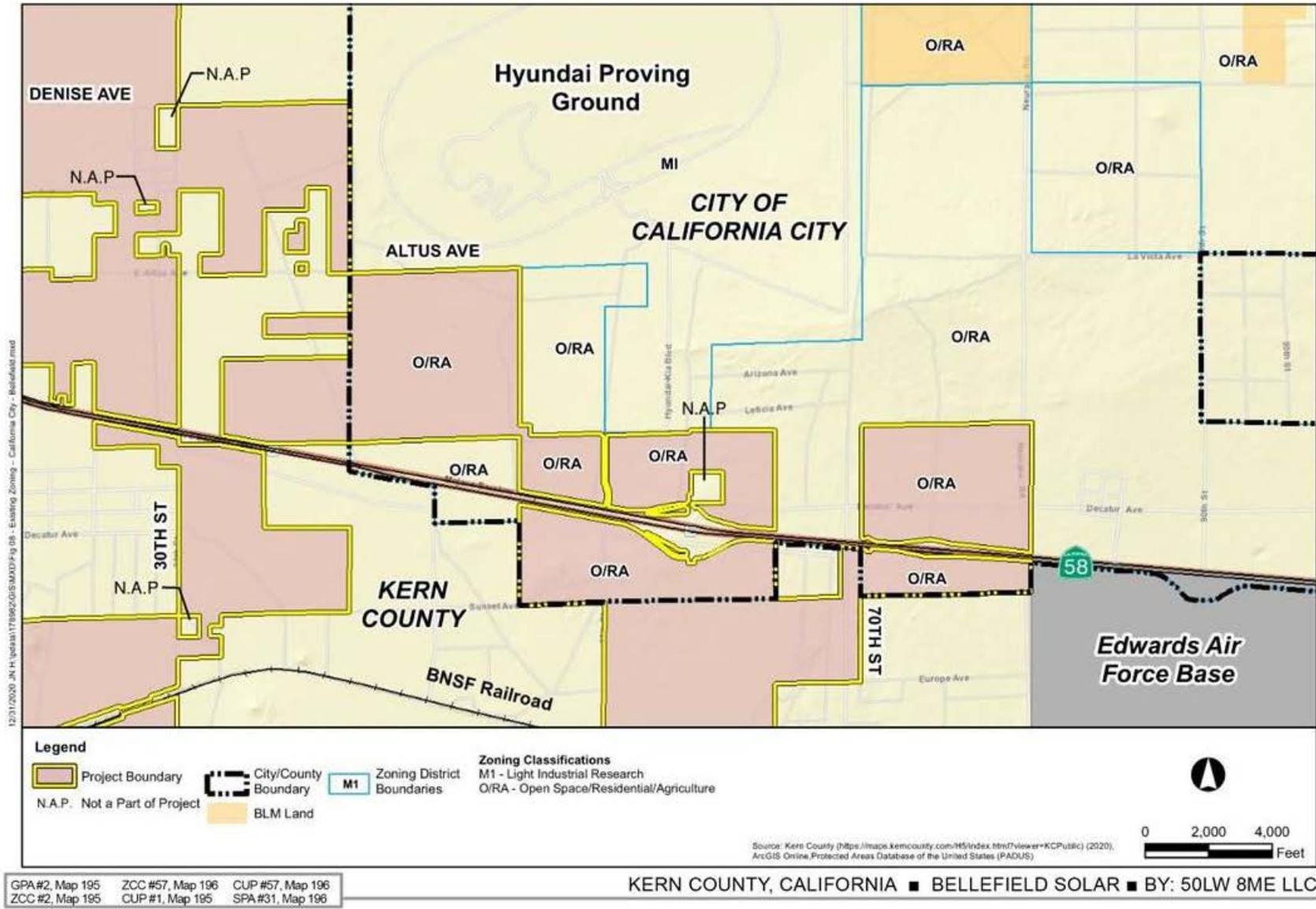


FIGURE 9  
 EXISTING ZONING CLASSIFICATIONS – CALIFORNIA CITY

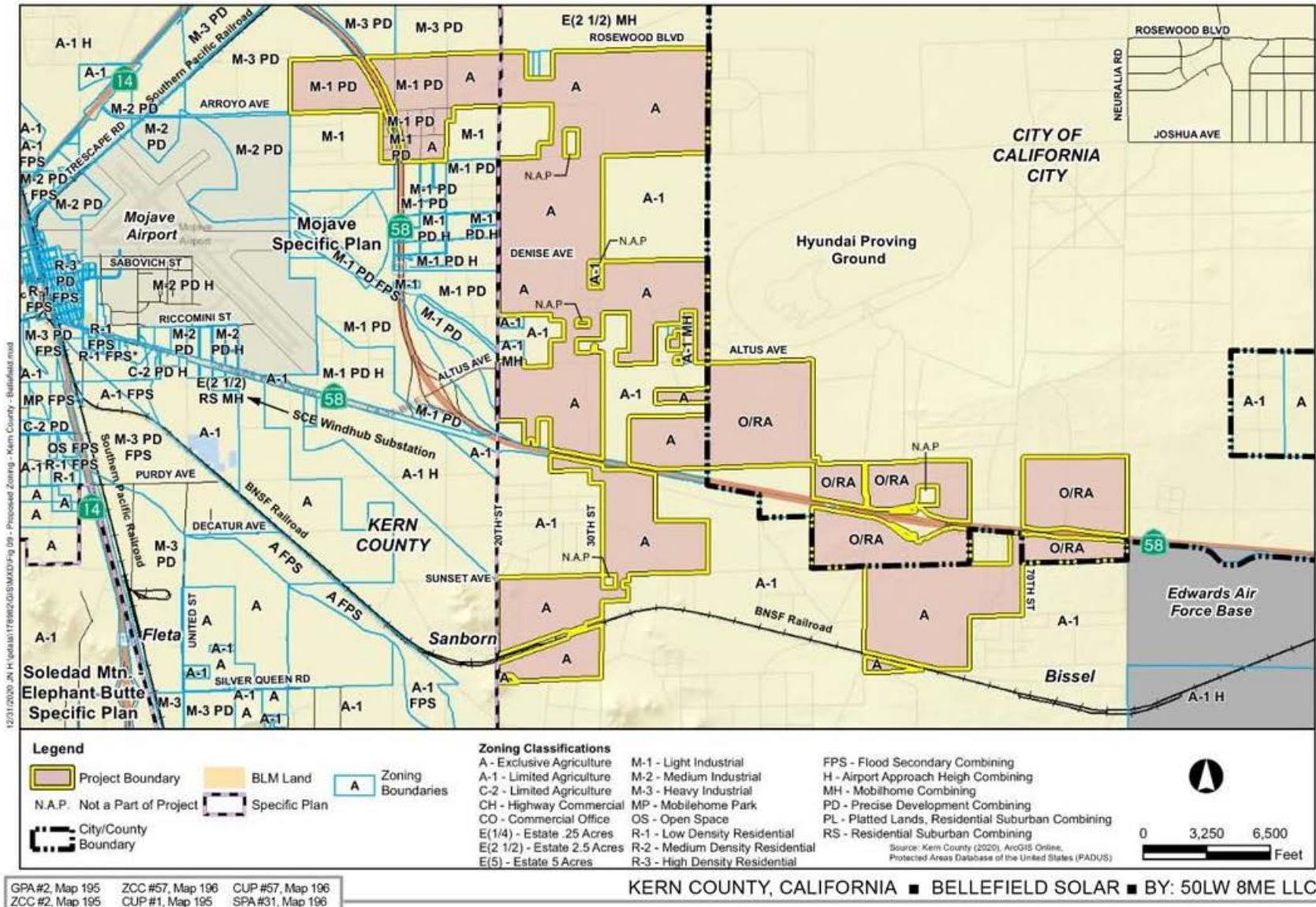


FIGURE 10  
 PROPOSED ZONING CLASSIFICATIONS – KERN COUNTY

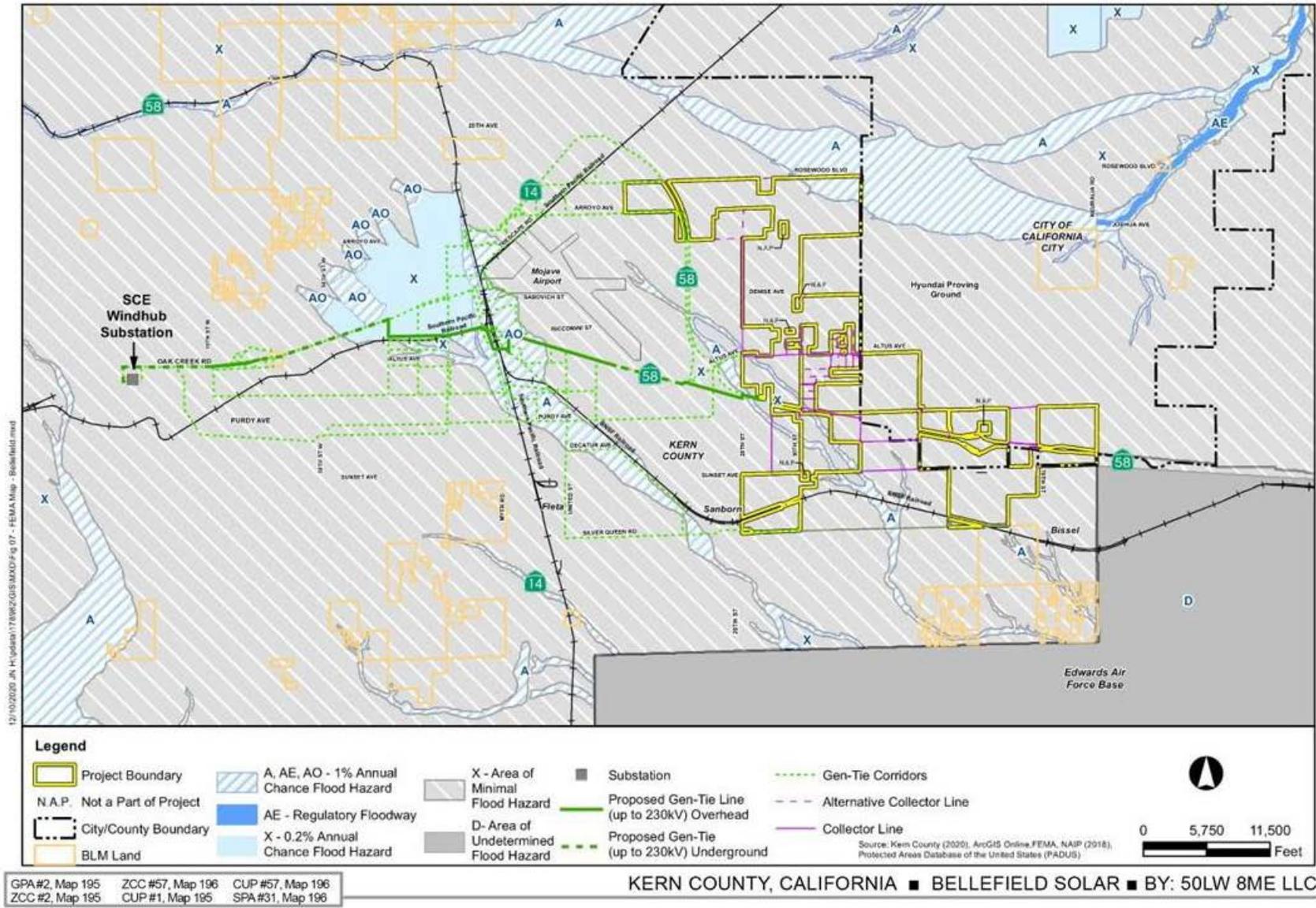


FIGURE 11  
 FEMA MAP

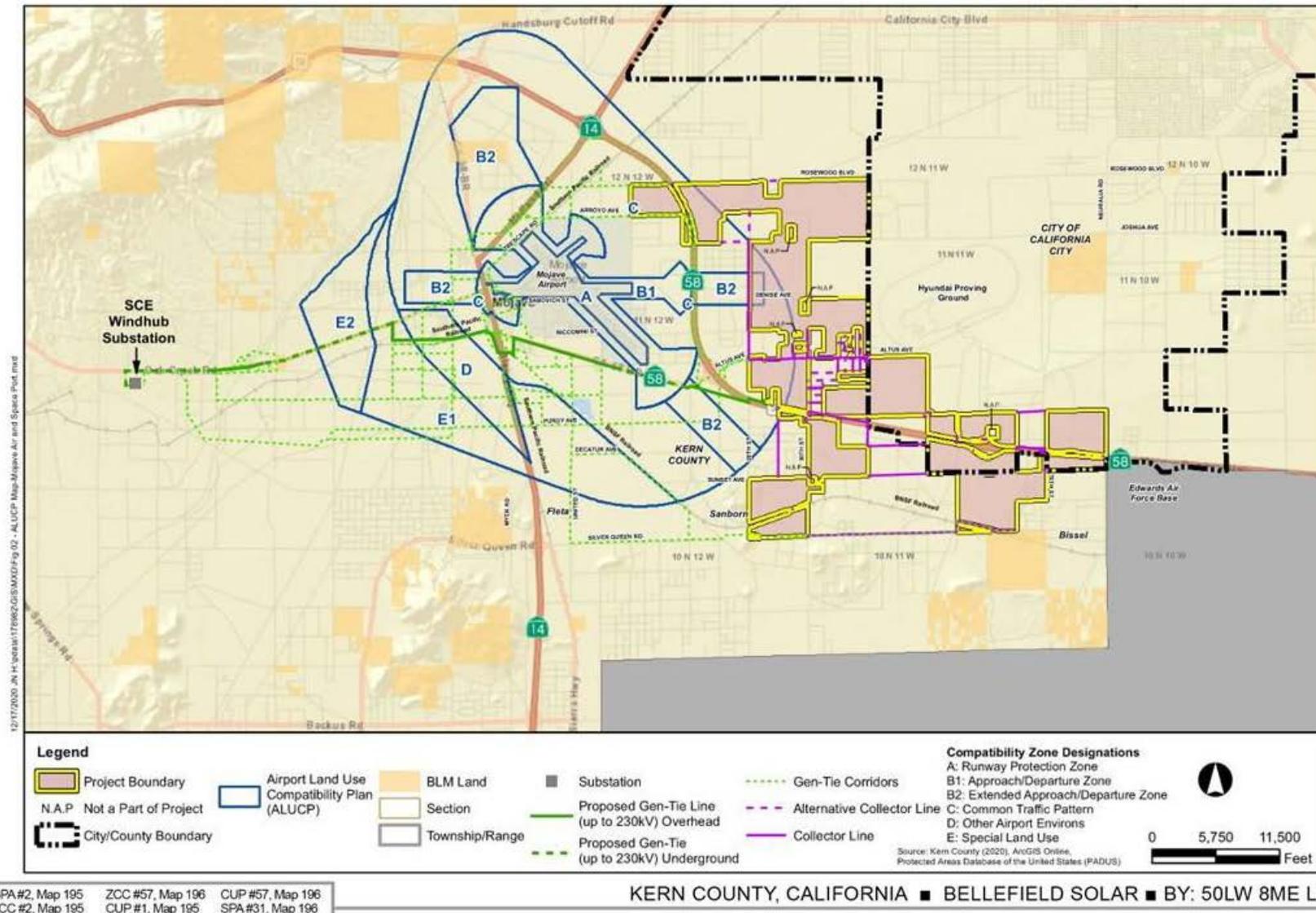
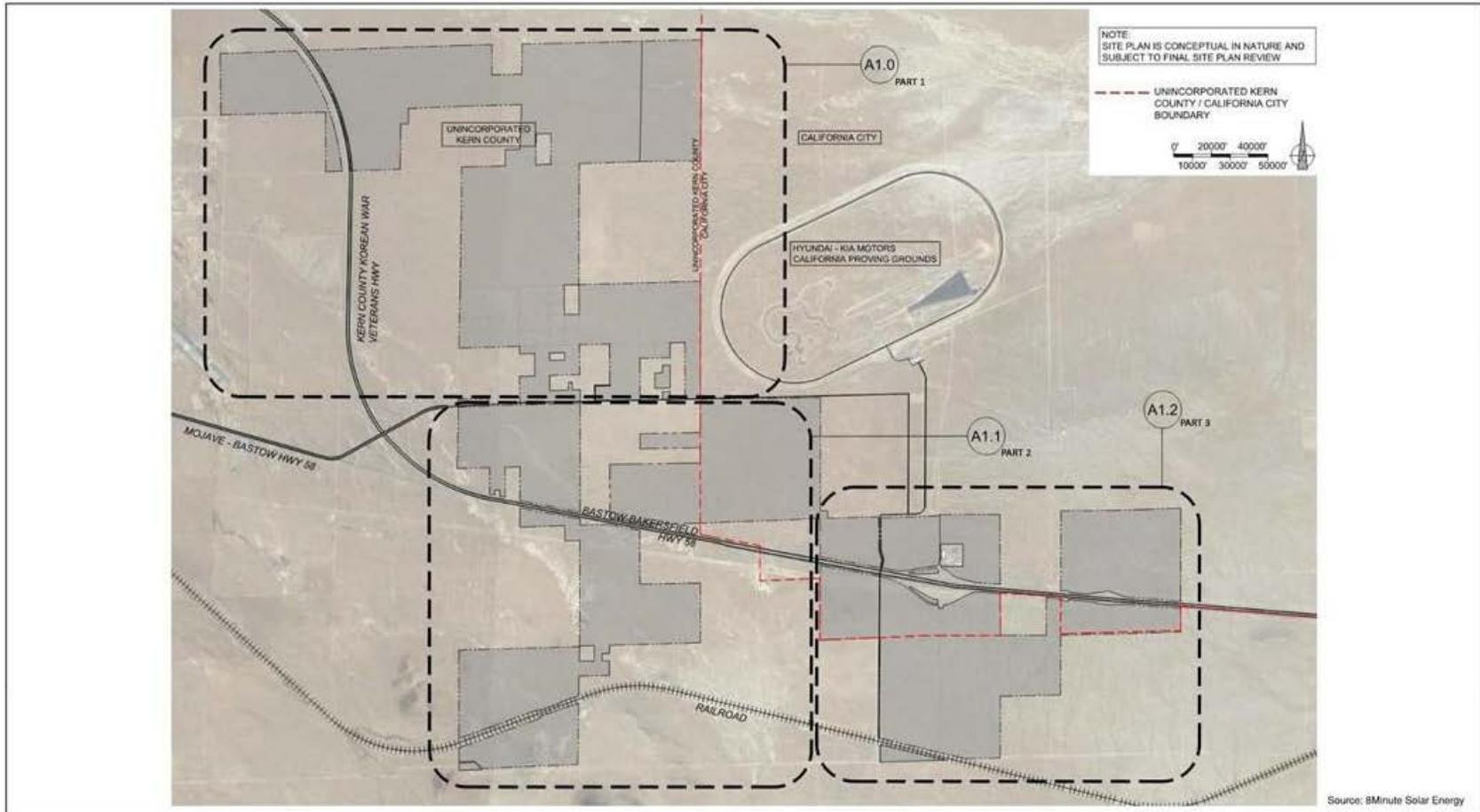


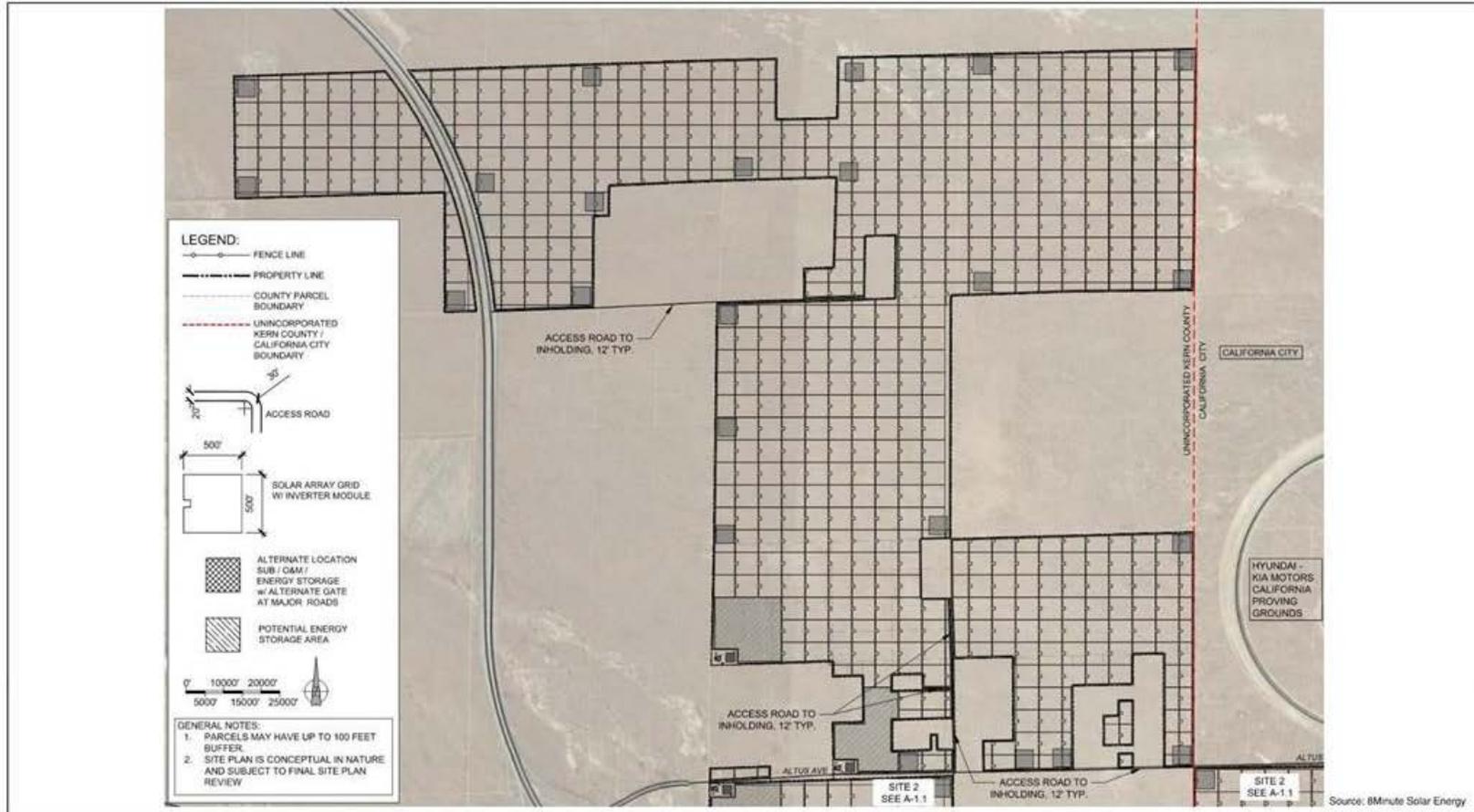
FIGURE 12  
 ALUCP DESIGNATIONS



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

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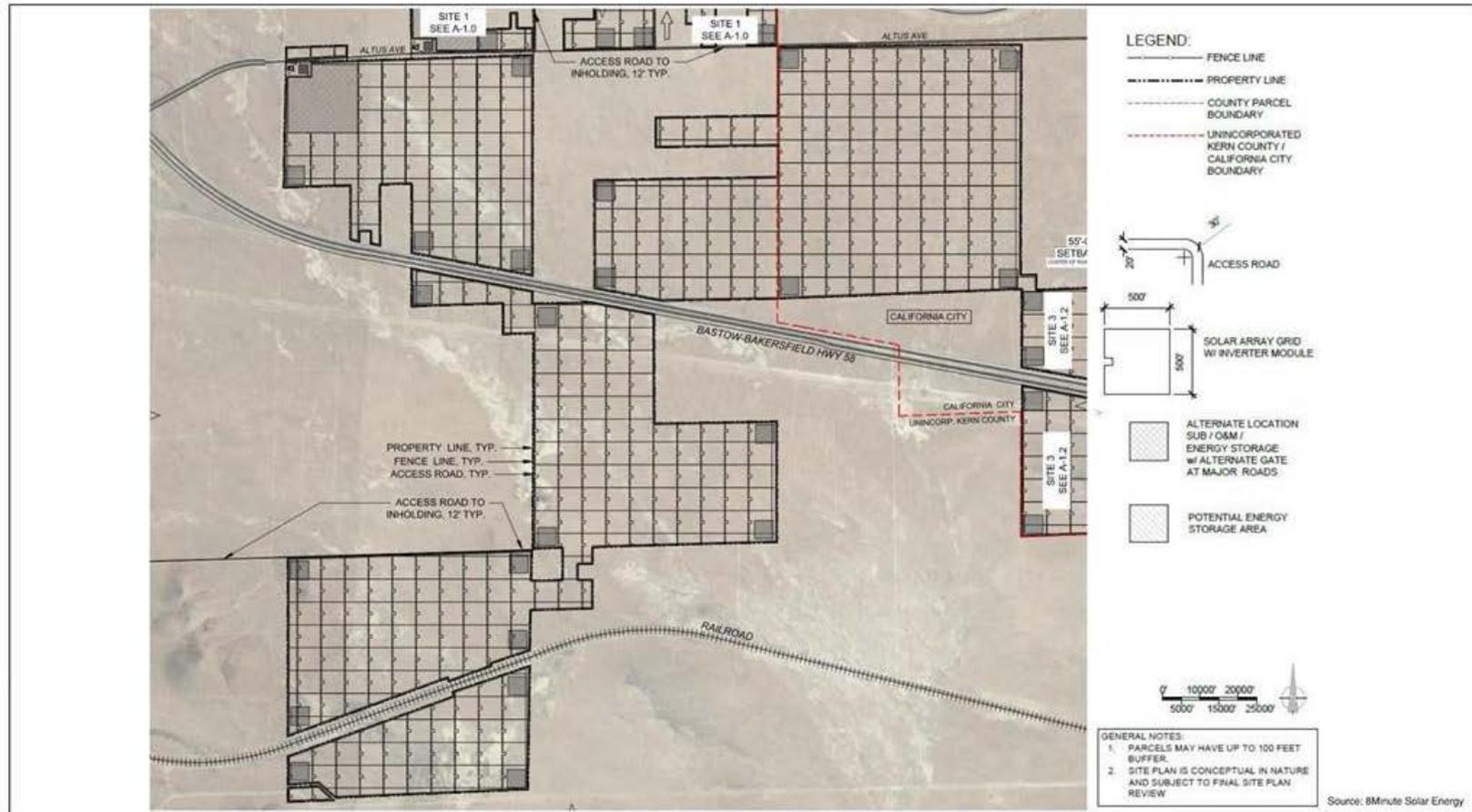
FIGURE 13A  
 OVERALL SITE PLAN



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 185    CUP #1, Map 185    SPA #31, Map 196

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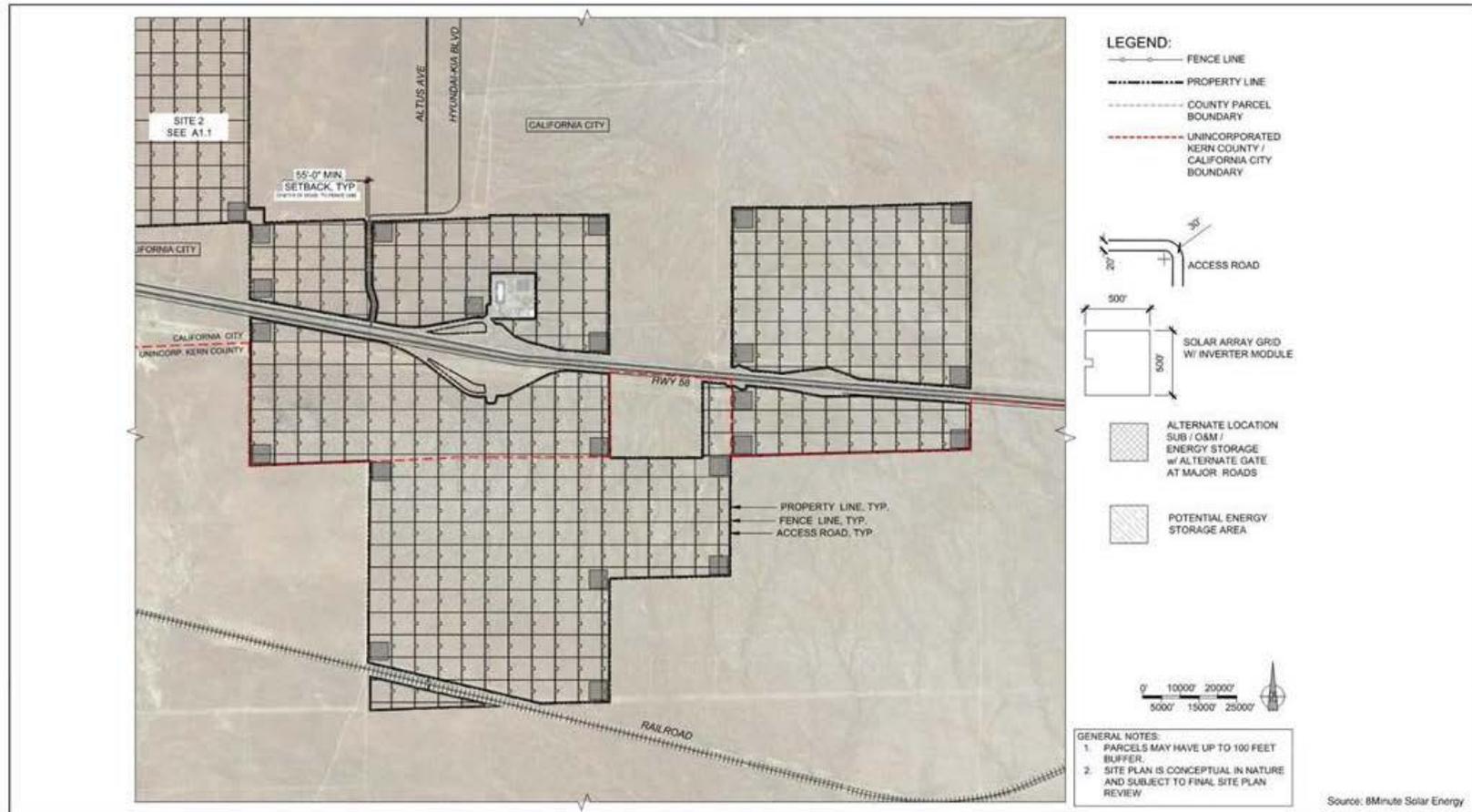
FIGURE 13B  
 PLAN VIEW – PART 1



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 185    CUP #1, Map 185    SPA #31, Map 196

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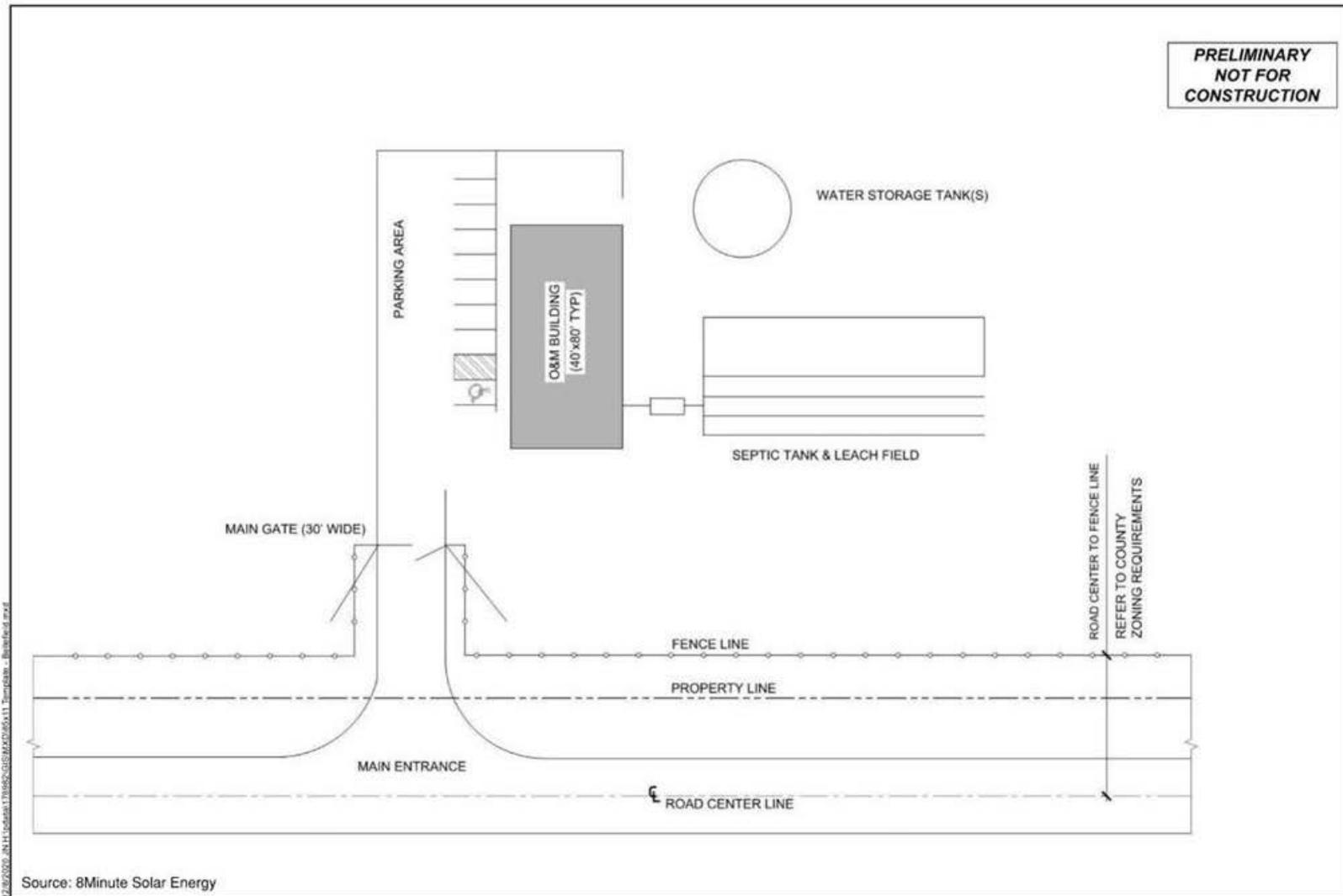
FIGURE 13C  
 PLAN VIEW - PART 2



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 185    CUP #1, Map 185    SPA #31, Map 196

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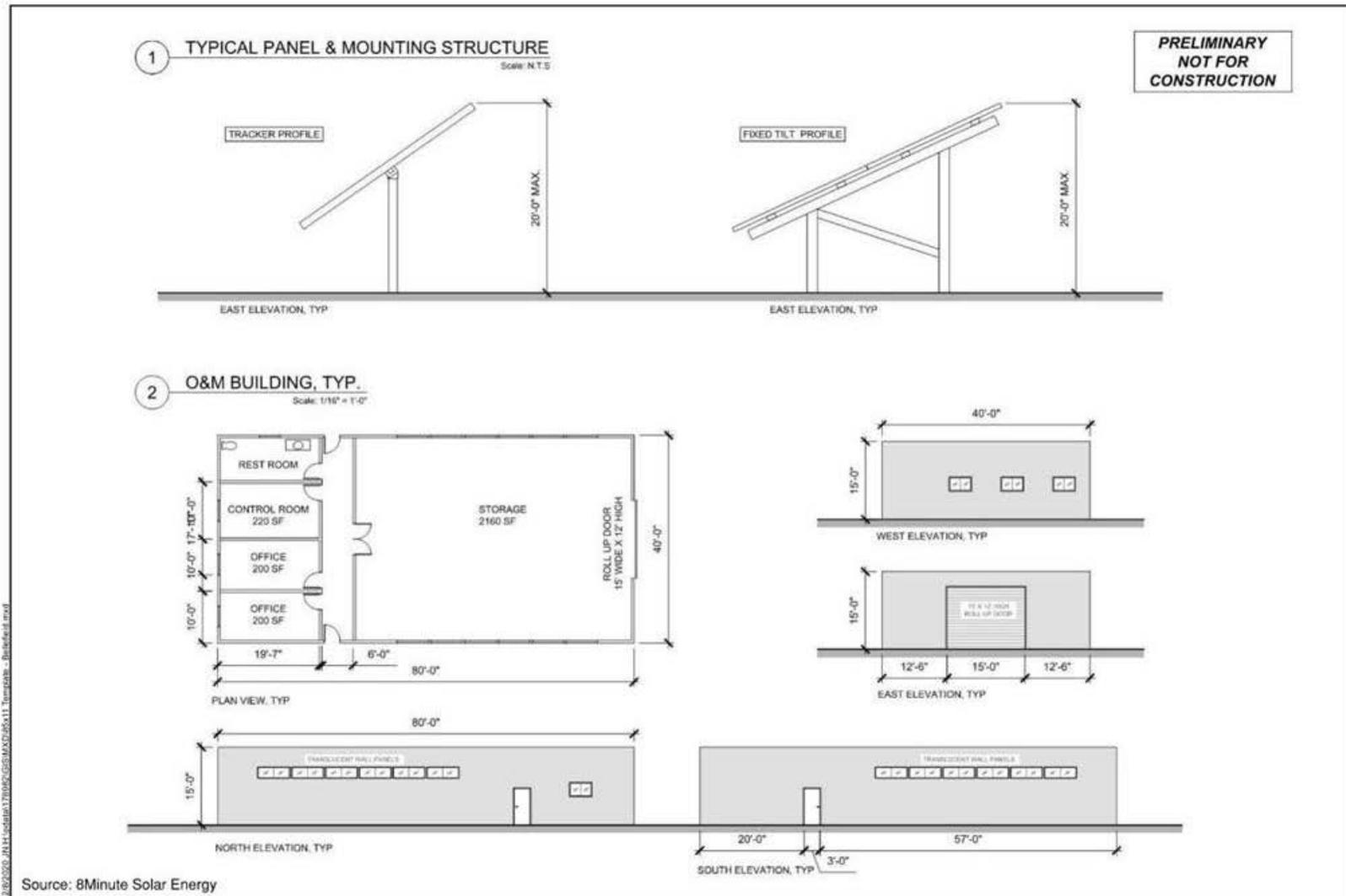
FIGURE 13D  
 PLAN VIEW – PART 3



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

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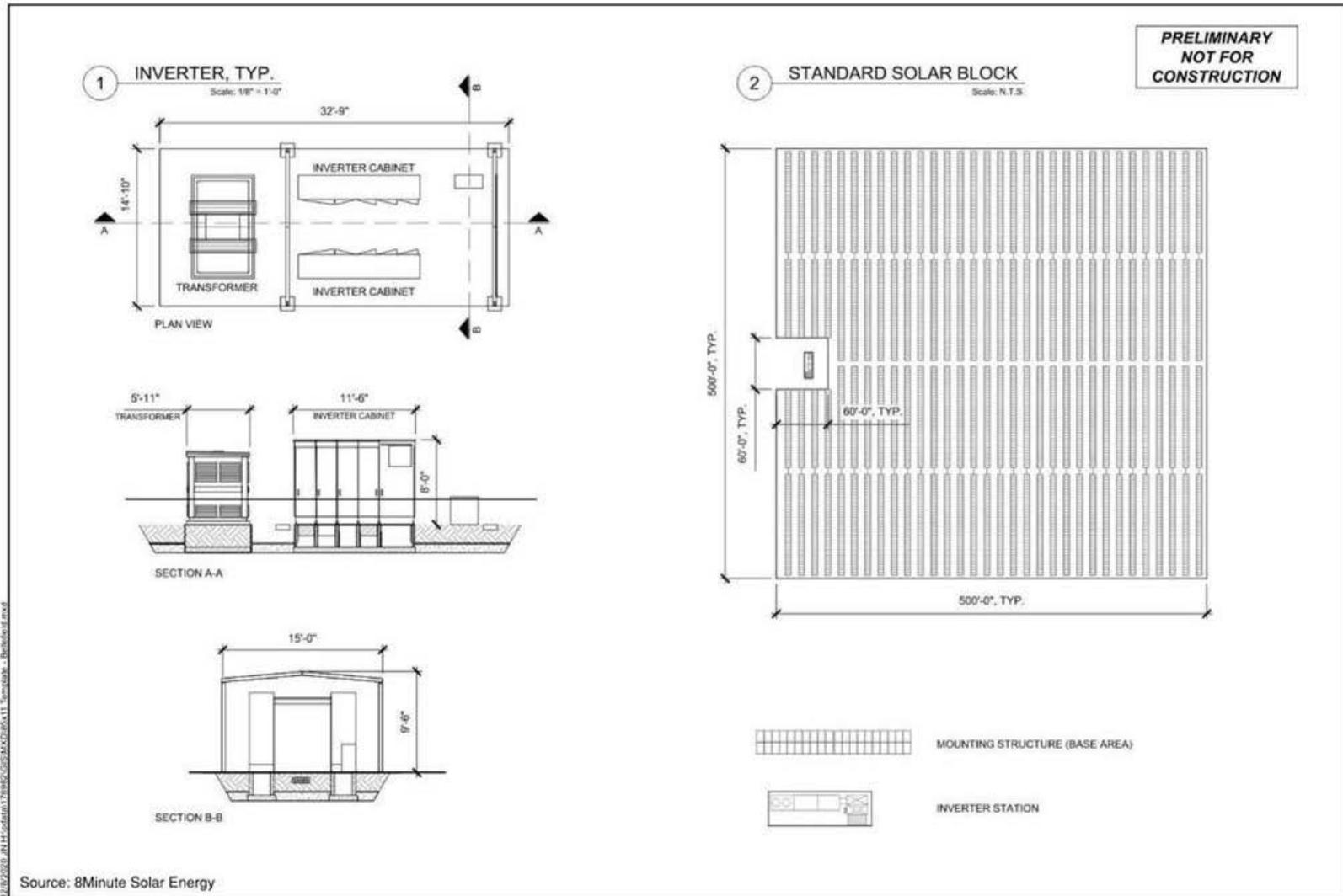
FIGURE 13E  
 CONCEPTUAL TYPICAL O&M SITE PLAN



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

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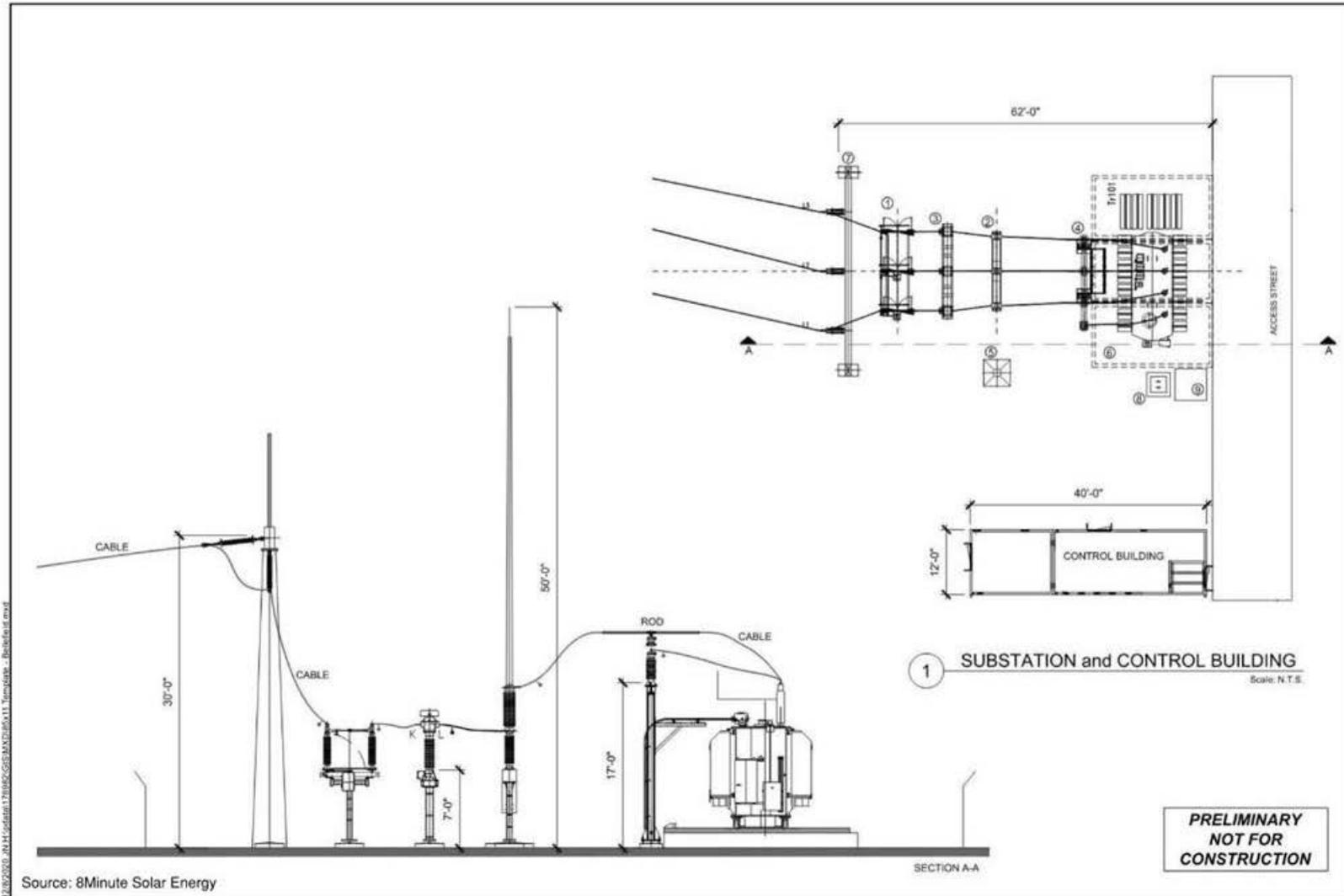
FIGURE 13F  
 PANEL TRACKER AND O & M BUILDING DETAILS



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

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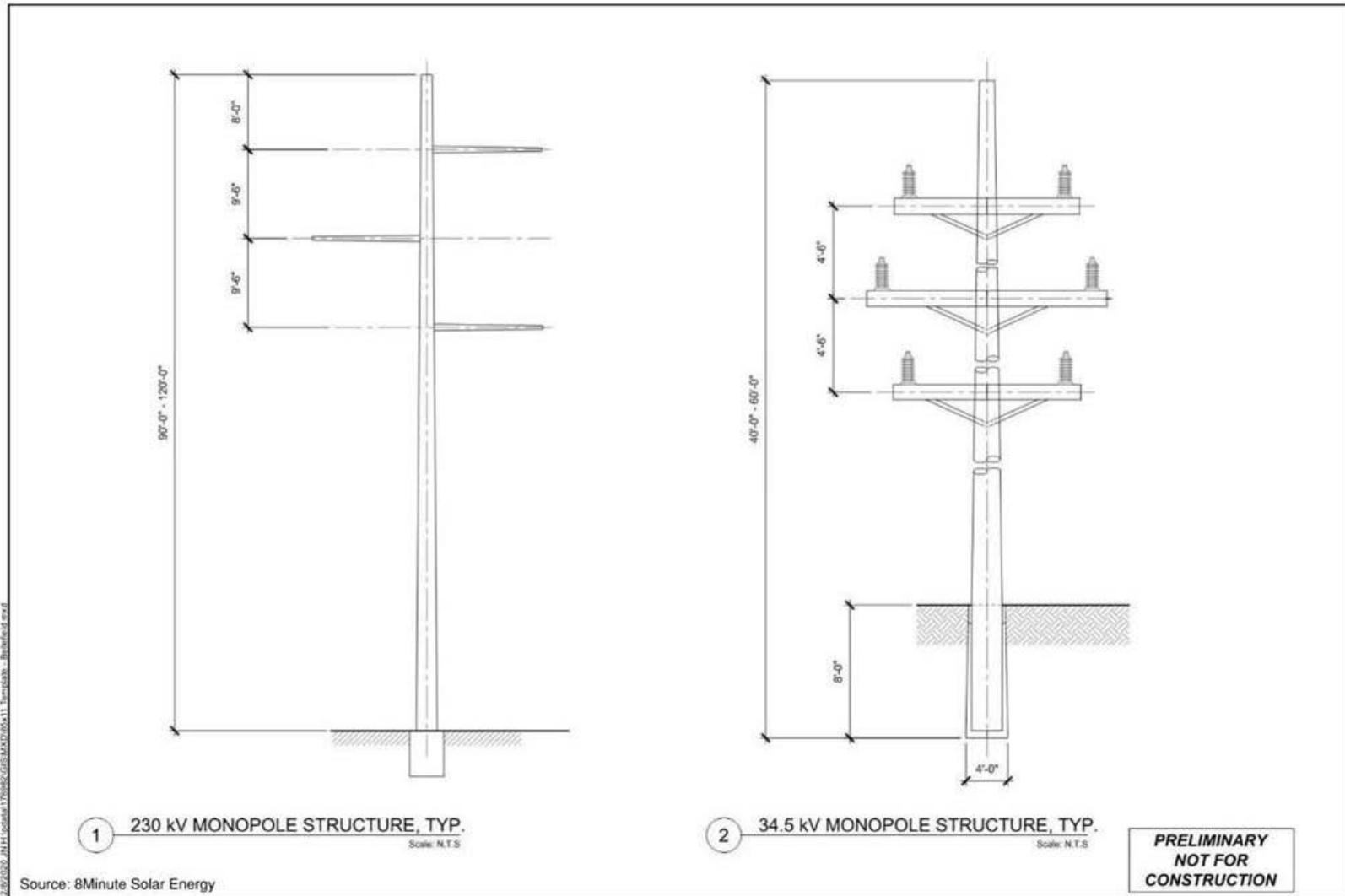
FIGURE 13G  
 TYPICAL SOLAR BLOCK AND INVERTER DETAILS



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

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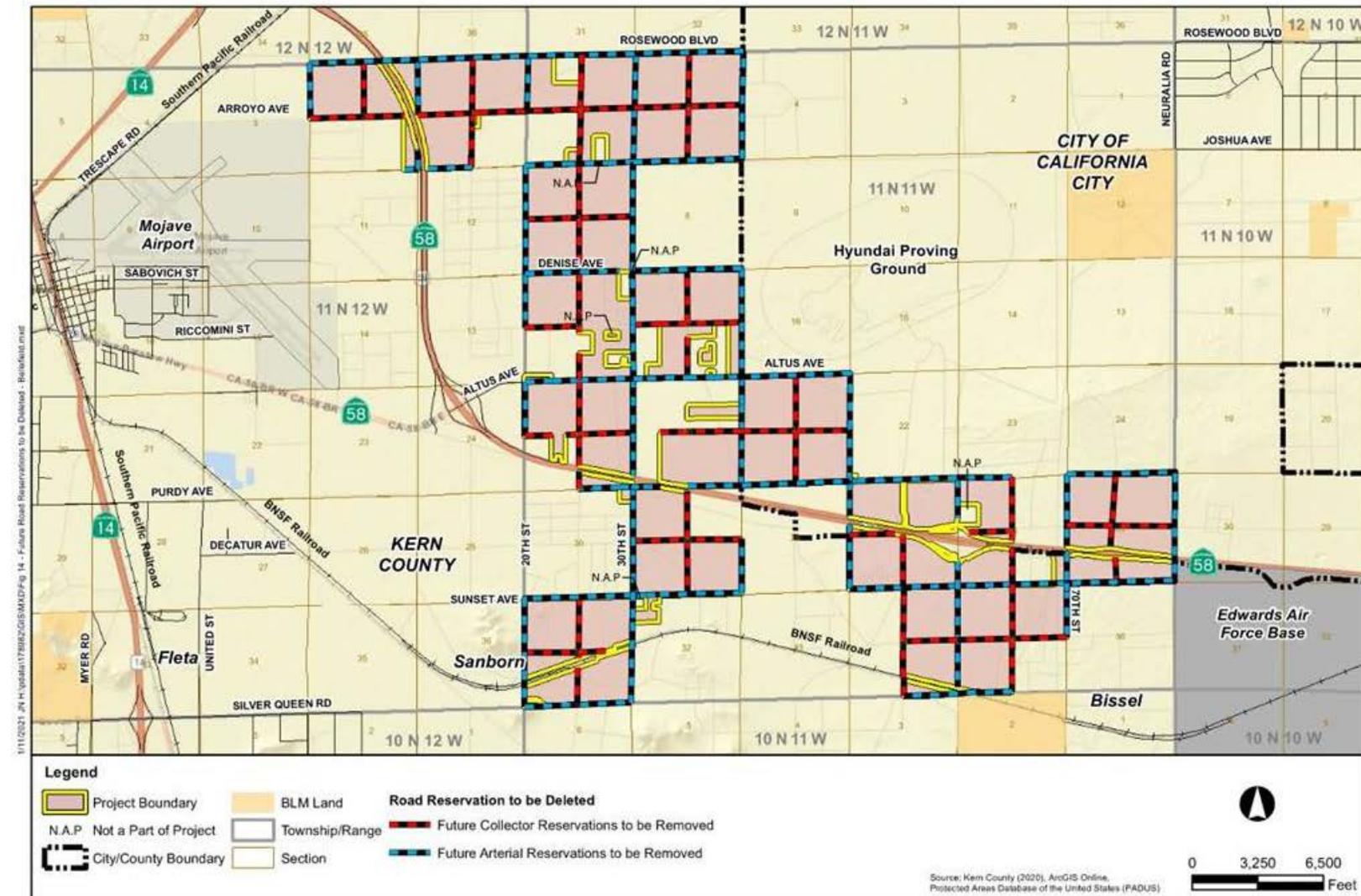
FIGURE 13H  
 TYPICAL SUBSTATION AND CONTROL ROOM DETAILS



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

KERN COUNTY, CALIFORNIA ■ BELLEFIELD SOLAR ■ BY: 50LW 8ME LLC

FIGURE 131  
 TYPICAL MONOPOLE DETAILS



GPA #2, Map 195    ZCC #57, Map 196    CUP #57, Map 196  
 ZCC #2, Map 195    CUP #1, Map 195    SPA #31, Map 196

KERN COUNTY, CALIFORNIA ■ BELLEFIELD SOLAR ■ BY: 50LW 8ME LLC

FIGURE 14  
 FUTURE ROAD RESERVATIONS TO BE DELETED



## Surrounding Land Uses

Existing land uses in the surrounding area are primarily undeveloped. **Table 2, Existing On- and Off-site Land Use, General Plan and Specific Plan Map Code Designations, and Zoning**, identifies the project site and surrounding land uses. The nearest sensitive receptors are several isolated residences located approximately 1.2 miles south of the southwestern most project parcel in Kern County.

**TABLE 2. EXISTING ON- AND OFF-SITE LAND USE, GENERAL PLAN AND SPECIFIC PLAN MAP CODE DESIGNATIONS, AND ZONING**

Location	Existing Land Use	Existing General Plan and Specific Plan Map Code Designations	Existing Zoning
<b>Kern County</b>			
<b>Project Site</b>	Undeveloped	<i>Kern County General Plan:</i> 1.1 (State and Federal Lands) 8.5 (Resource Management, minimum 20-acre parcel size) 8.5/2.5 (Resource Management, minimum 20-acre parcel size/ Flood Hazard)  <i>Mojave Specific Plan:</i> 7.1 (Light Industrial) 7.3 (Heavy Industrial)	A (Exclusive Agriculture) A-1 (Limited Agriculture) A-1 MH (Limited Agriculture, Mobile Home Combining) M-2 PD (Medium Industrial, Precise Development Combining) M-3 PD (Heavy Industrial, Precise Development Combining)
<b>North</b>	Undeveloped; California City; Hyundai Proving Ground	<i>Kern County General Plan:</i> 8.3 (Extensive Agriculture, min. 20-acre parcel size) 8.3 (Extensive Agriculture, min. 20-acre parcel size/Flood Hazard) 8.5 (Resource Management, min. 20-acre parcel size) 8.5/2.5 (Resource Management, min. 20-acre parcel size/Flood Hazard)	A (Exclusive Agriculture) A-1 (Limited Agriculture) A-1 MH (Limited Agriculture, Mobile home Combining) E(2 ½) MH (Estate 2.5 Acres, Mobile home Combining)
<b>East</b>	Hyundai Proving Ground, Undeveloped; Unincorporated community of North Edwards	<i>Kern County General Plan:</i> 1.1 (State or Federal Land) 1.2 (Incorporated Cities) 8.5 (Resource Management, min. 20-acre parcel)	A (Exclusive Agriculture) A-1 (Limited Agriculture) A-1 H (Limited Agriculture, Airport Approach Height Combining) M1 (Light Industrial)



**TABLE 2, CONTINUED**

Location	Existing Land Use	Existing General Plan and Specific Plan Map Code Designations	Existing Zoning
South	Edwards Air Force Base, Unincorporated communities of Sanborn, and Fleta	<i>Kern County General Plan:</i> 1.1 (State or Federal Land) 3.3 (Other Facilities) 5.7 (Minimum 5 Gross Acres/Unit) 8.5 (Resource Management, min. 20-acre parcel size) 8.5/2.4 (Resource Management, min. 20-acre parcel size/Steep Slope) 8.5/2.5 (Resource Management, min. 20-acre parcel size/Flood Hazard)	A-1 (Limited Agriculture)
West	Mojave Airport, Undeveloped, Unincorporated community of Mojave	<i>Kern County General Plan</i> 8.5 (Resource Management, min. 20-acre parcel size) 8.5/2.4 (Resource Management, min. 20-acre parcel size/Steep Slope) 8.5/2.5 (Resource Management, min. 20-acre parcel size/Flood Hazard)  <i>Mojave Specific Plan:</i> 7.1 (Light Industrial) 7.1/2.5 (Light Industrial/Flood Hazard) 7.2 (Service Industrial) 7.3 (Heavy Industrial)	A (Exclusive Agriculture) A-1 (Limited Agriculture) A-1 H (Limited Agriculture, Airport Approach Height Combining) M-1 (Light Industrial) M-1 PD (Light Industrial, Precise Development Combining) M-1 PD H (Light Industrial, Precise Development, Airport Approach Height Combining) M-2 PD (Medium Industrial, Precise Development Combining) M-3 PD (Heavy Industrial, Precise Development Combining)
<b>California City</b>			
Project Site	Undeveloped	<i>California City General Plan:</i> O/RA (Controlled Development & Open Space)	O/RA (Open Space/Residential Agricultural)
North	Undeveloped; California City; Hyundai Proving Ground	<i>California City General Plan:</i> M1 (Light Industrial District)	M1 (Light Industrial District)
East	Hyundai Proving Ground, Undeveloped	<i>California City General Plan:</i> M1 (Light Industrial District)	M1 (Light Industrial District)
South	Unincorporated Kern County (see above descriptions)		
West	Unincorporated Kern County (see above descriptions)		



## 1.3. Project Description

### Project Overview

The Bellefield Solar Project by 50LW 8ME LLC (project proponent), is a proposed photovoltaic solar facility and energy storage system capable of producing up to 1,500 megawatt (MW) alternating current (AC) utility-scale solar power with an up to 1,500 MW-hour (MWh) energy storage capacity on approximately 8,371 acres of privately-owned land. The proposed project's permanent facilities would include service roads, a power collection system, communication cables, overhead and underground transmission lines, electrical switchyards, project substations, energy storage system(s), and operations and maintenance (O&M) facilities. Proposed site plans and typical operations and maintenance facilities are illustrated in **Figure 13A** to **Figure 13I**.

The proposed project consists of the following requests for local land use approvals:

- Kern County
  - General Plan Amendment #2, Map 195
    - From 1.1 (State or Federal Land) to 8.5 (Resource Management) for approximately 82.19 acres; and
    - Amendment to the Circulation Element of the Kern County General Plan to remove road reservations on section and mid-section lines within the Kern County project boundaries.
  - Zone Change Case # 2, Map 195:
    - From A-1 (Limited Agriculture) to A (Exclusive Agriculture) for approximately 5,291.55 acres; and
    - From A-1 MH (Limited Agriculture Mobile Home Combining) to A for approximately 146.71 acres.
  - Zone Change Case #57, Map 196
    - From M-3 PD to M-1 PD for approximately 477.39 acres; and
    - From M-2 PD to M-1 PD for approximately 141.43 acres.
  - Issuance of Conditional Use Permit #1, Map 195 to allow for the construction and operation of a 5,438.26-acre PV solar facility with a total project generating capacity, in both Kern County and California City, of up to 1,500 MW of alternating current power and 1,500 MW hours of storage capacity within the A (Exclusive Agriculture) pursuant to Section 19.12.030G of the Kern County Zoning Ordinance.
  - Issuance of Conditional Use Permit #57, Map 196 to allow for the construction and operation of a 830.87-acre PV solar facility with a total project generating capacity, in both Kern County and California City, of up to 1,500 MW of alternating current power and 1,500 MW hours of storage capacity within the A (Exclusive Agriculture) pursuant to



Section 19.12.030G, M-1 PD (Light Industrial, Precise Development) pursuant to Section 19.36.030G, and M-3 PD (Heavy Industrial, Precise Development) pursuant to Section 19.40.030G of the Kern County Zoning Ordinance.

- Specific Plan Amendment #31, Map 196
  - Amendment to the Circulation Element of the Mojave Specific Plan to remove road reservations on section and mid-section lines within the Kern County project boundaries, as shown on Figure 14, *Future Road Reservations to be Deleted*.
- California City (Responsible Agency)
  - The City of California City is a Responsible Agency under CEQA. For the parcels within California City city limits, the City is will require that the applicant acquire a Conditional Use Permit (CUP) from the City to allow for the construction and operation of a solar facility, in the O/RA (Open Space/Residential Agricultural) zone (CUP 19-03), of a 2,103.63-acre PV solar facility with a total project generating capacity, in both Kern County and California City, of up to 1,500 MW of alternating current power and 1,500 MW hours of storage capacity. At present, solar facilities are considered to be a permitted use only in industrial zoned areas in California City. The City is in the process of updating its zoning code to designate solar facilities as a compatible/permitted use in O/RA zoned districts. If deemed necessary by the City of California City, the project proponent may request a zone change from O/RA to M-1 (Light Industrial) for the portion of the facility located in California City. The project proponent has requested to remove the future section and mid-section lines for the portion of the project within the City of California City's jurisdiction (refer to **Figure 14**, *Future Road Reservations to be Deleted*). The City will determine during the CUP process (Sec. 9-2-2501 of the California City Municipal Code) what section lines will be required to be preserved and what ones will be removed.

### Proposed Gen-Tie Route

Power generated by the project would be delivered via a 230 kV overhead and/or underground electrical transmission line(s) originating from one or more on-site substation(s)/switchyard(s) and terminating at the SCE Windhub Substation. The gen-tie corridor lines will connect to SCE's Windhub Substation. The combined linear distance of the gen-tie alternatives are 89.6 miles with a width of 200 feet (**Figure 2**, *Aerial Photograph*). The collector lines are generally located within or adjacent to the Kern County and/or California City project parcels, while the gen-tie alternatives generally originate from the central portion of the project heading west around Mojave, before reaching Oak Creek Road and SCE's Windhub Substation. The project may require the acquisition of up to 200 feet of privately-owned land, abutting the Oak Creek Road right-of-way for gen-tie routing purposes.

The power generated on the project site would assist the State in complying with the Renewables Portfolio Standard under Senate Bill 350, which requires that by December 31, 2030, 50 percent of all electricity sold in California shall be generated from renewable energy sources. The power generated on the project site would be sold to California investor-owned utilities, municipalities, community choice aggregators, or other purchasers in furtherance of the goals of the California Renewable Energy Portfolio Standard. The proposed project has an anticipated operational life of up to 35 years. At the end of the proposed project's operational term, the project proponent would determine whether the project site should be decommissioned and deconstructed or if it would seek an extension of its CUPs. If any portion of the project site is



decommissioned, it would be converted to other uses in accordance with the applicable land use regulations in effect at that time.

## 1.4. Project Facilities, Construction, and Operations

### Project Facilities

The combined project facilities would include the following components, which are described in greater detail thereafter:

- PV Module Configuration
- Inverter Stations
- Energy Storage System
- Operations and Maintenance Building
- Substation(s)
- Generation-Transmission Line
- Water Storage Tank(s)
- Project Site Security and Fencing
- Project Site Lighting

#### *Solar PV Module Configuration*

The proposed project would utilize photovoltaic panels or modules (including but not limited to concentrated photovoltaic technology (CPV) or bi-facial technology which have similar rectangular shapes, sizes and thickness) on mounting frameworks to convert sunlight directly into electricity. Individual panels would be installed on either fixed-tilt or tracker mount systems (single- or dual-axis, using galvanized steel or aluminum). If the panels are configured for fixed-tilt, the panels would be oriented toward the south. For tracking configurations, the panels would rotate to follow the sun over the course of the day. Maximum panel height is anticipated to be up to 20 feet high, depending on the mounting system selected and on County building codes. The foundations for the mounting structures can extend up to 10 feet below ground, depending on the structure, soil conditions, and wind loads, and may be encased in concrete or utilize small concrete footings. A light-colored ground cover or palliative may be used to increase electricity production. Final solar panel layout and spacing would be optimized for project area characteristics and the desired energy production profile. The conceptual site plan exhibits showing the proposed project facilities, including solar block and solar panel layout, O&M building, project substation, and electrical infrastructure are shown on **Figure 13A** to **Figure 13D**.

The solar array fields would be arranged in groups called “blocks” with inverter stations generally located centrally within the blocks. Blocks would produce direct electrical current (DC), which is converted to alternating electrical current (AC) at the inverter stations. DC current produced at the blocks would be transmitted to the inverters via electrical cables/conductors. Internal access road would be provided (within each block) to facilitate maintenance work.



### *Collection, Inverter, and Transformer Stations*

Photovoltaic energy is delivered via cable to inverter stations, generally located near the center of each block. Inverter stations are typically comprised of one or more inverter modules with a rated power of up to 7.5 MW each, a unit transformer, and voltage switch gear. The unit transformer and voltage switch gear are housed in steel enclosures, while the inverter module(s) are housed in cabinets. Depending on the vendor selected, the inverter station may lie within an enclosed or canopied metal structure, typically on a skid or concrete mounted pad.

### *Energy Storage System*

The proposed project may include one or more Energy Storage Systems (ESS), located at or near a substation/switchoyard (onsite or shared) and/or at the inverter stations, but possibly elsewhere onsite. Such large-scale ESSs would be up to 1,500 MW-AC in capacity and up to 50 acres in total area. ESSs consist of modular and scalable battery packs and battery control systems that conform to U.S. national safety standards. The ESS modules, which could include commercially available lithium or flow batteries, typically consist of standard International Organization for Standardization containers (approximately 40 feet in length by 8 feet in width by 8 feet in height) housed in pad- or post-mounted, stackable metal structures, but may also be housed in a dedicated building(s) in compliance with applicable regulations. The maximum height of a dedicated structure is not expected to exceed 25 feet. The actual dimensions and number of energy storage modules and structures vary depending on the application, supplier, and configuration chosen, as well as on offtaker/power purchase agreement requirements and on County and City building standards.

The ESS would be unmanned, remotely controlled containers and periodically inspected for maintenance purposes. The ESS would have a fire rating in conformance with Kern County, California City, and national ESS fire standard NFPA 855 and specialized fire suppression systems would be installed for each of the battery compartments, where required by NFPA 855 and UL9540A standards.

### *Onsite Meteorological Station*

A solar meteorological station would be located on-site, the location of which would be determined at final project design. The meteorological station would include solar energy (irradiance) meters, in addition to an air temperature sensor and wind anemometer. It is anticipated that the maximum height of this equipment would be up to 20 feet.

### *Operations and Maintenance Facilities*

The proposed project may include an O&M building(s) of approximately 40' x 80' in size, up to 15 feet high, with associated on-site parking. The O&M building would be steel framed, with metal siding and roof panels. The O&M building may include the following:

- Office
- Repair building/parts storage
- Control room
- Restroom
- Septic tank and leach field



Septic tank and leach field, roads, driveways, and parking lot entrances would be constructed in accordance with Kern County and California City improvement standards. Parking spaces and walkways would be constructed in accordance with all California Accessibility Regulations.

As previously mentioned above, the proposed project may share O&M facilities with any future energy projects in the area and/or may be remotely operated. Any unused O&M areas on-site may be covered by solar panels.

### *Substation(s)*

Output from the inverter stations would be transferred via electrical conduits and electrical conductor wires to one or more on-site substation(s) or switchyard(s) (collectively referred to as a “substation” herein). Generally the collectors would originate at each inverter and be “bundled” together as they approach the substation(s). Underground and/or overhead collector lines would cross Highway 58 in several locations, depending on the final substation location(s). Each substation may contain several components, including auxiliary power transformers, distribution cabinets, revenue metering systems, microwave transmission tower, and voltage switch gear. Each substation would occupy an area of approximately five acres, secured separately by an additional chain-link fence, and typically located along the perimeter of the project. The final location(s) would be determined before issuance of building permits.

Substations typically include a small control building (roughly 500 square feet) standing approximately 10 feet tall. The building is either prefabricated concrete or steel housing with rooms for the voltage switch gear and the metering equipment, a room for the station supply transformer, and a separate control technology room in which the main computer, the intrusion detection system, and the main distribution equipment are housed. Components of this building (e.g., control technology room and intrusion detection system) may alternatively be located at the O&M building(s).

### *Generation-Transmission Line*

From the proposed project’s substation(s), power would be transmitted to the SCE Windhub Substation via up to 230 kV overhead and/or underground generation-transmission (gen-tie) line(s). The proposed gen-tie alignments are shown on **Figure 3, Project Boundaries**. Generally, the gen-tie would be located within 500-feet of established road rights-of-way within a 100-foot wide corridor, although this corridor may be expanded based on final engineering. The overhead lines would be mounted on monopoles no higher than 100 feet tall as designated in Figure 19.08.160 of the Kern County Zoning Ordinance. Along Oak Creek Road, where compatible with Section 19.38.080 of the Kern County Zoning Ordinance, gen-tie support structures would be up to 199 feet tall; however, the majority of the structures are not expected to exceed 150-feet. Portions of the gen-tie line may be undergrounded to avoid conflict with operation of the Mojave Air and Space Port and allow the line to avoid conflicts with other existing infrastructure. Kern County and California City may accept Irrevocable Offers of Dedication, or grant a franchise, license, and/or encroachment agreement for portions of the gen-tie, while other portions would be sited within private easements.

### *Site Access*

Construction and operation traffic would access the project site from SR 58, Altus Avenue, Silver Queen Road, 50<sup>th</sup> Street 55<sup>th</sup> Street, 140<sup>th</sup> Street, Hyundai-Kia Boulevard, and Sunset Avenue, depending on the portion of the project site to access. Driveways and parking lot entrances would be constructed in accordance with Kern County and California City improvement standards. Any off-site roadway



improvements would be constructed in conformance with Caltrans and/or County and/or City code and regulations, as necessary and applicable.

### *Water Storage Tank(s)*

One or more plastic or steel above-ground water storage tanks with a total capacity of up to 80,000 gallons (greater if required by Fire Department regulations) may be placed on-site near the O&M building(s). The storage tank(s) near the O&M building(s) would have the appropriate fire department connections to be used for fire suppression purposes.

### *Project Site Security and Fencing*

The project site(s) would be enclosed within a chain-link fence, with barbed wire, measuring up to 8 feet in height (from finished grade). An intrusion alarm system comprised of sensor cables integrated into the perimeter fence, intrusion detection cabinets placed approximately every 1,500 feet along the perimeter fence, and an intrusions control unit, located either in the substation control room or at the O&M building, or similar technology, may be installed. Additionally, the proposed project may include additional security measures including, but not limited to, low voltage fencing with warning reflective signage, controlled access points, security alarms, security camera systems, sensor lights, and security guard vehicle patrols to deter trespassing and/or unauthorized activities that could interfere with operation of the proposed project.

Controlled access gates would be maintained at the main entrances to the project site. Project access would be provided to offsite emergency response teams that respond in the event of an “after-hours” emergency. Enclosure gates would be manually operated with a key provided in an identified key box location.

### *Project Site Lighting*

Proposed nighttime lighting on-site would be minimal and is anticipated to be installed at the access gates, substation(s), O&M building(s), and inverters to allow for access and emergency maintenance. Nighttime lighting would provide O&M personnel with illumination for both normal and emergency operating conditions. The minimum illumination needed to ensure worker safety and security on-site would be provided. All nighttime lighting installed would be shielded and directed downward to minimize the potential for glare or spillover onto adjacent properties as required by Kern County Ordinance (Chapter 19.81) - Outdoor Lighting-Dark Skies requirements. Additionally, motion-sensitive cameras would be installed within the solar fields in proximity to the inverters for purposes of security.

## **Construction Activities**

The construction period for the proposed project from site preparation through construction, testing, and commercial operation is expected to commence as early as Q4 2021 and would extend for approximately 18 to 24 months.

Construction of the proposed project would include the following activities:

- Site preparation
- Access and internal circulation roads
- Grading and earthwork



- Panel installation
- Concrete foundations
- Structural steel work
- Electrical/instrumentation work
- Collector line installation
- Stormwater management facilities
- Architecture and landscaping
- Gen-tie line(s)

Construction traffic would access the project site from SR-58, Altus Avenue, Silver Queen Road, 50<sup>th</sup> Street, 55<sup>th</sup> Street, 140<sup>th</sup> Street, Hyundai-Kia Boulevard, and Sunset Avenue. It is estimated that up to 1,000 workers per day (during peak construction periods) and as of yet undetermined number of large trucks per day would be required during construction of the proposed project. At this time, it has not been determined whether construction workers would commute individually to one or more parking areas within the project site or whether some form of a shuttle system to transport larger groups of workers to dedicated drop-off areas would be provided. All staging of equipment and personnel would occur within the project footprint.

Construction activities would comply with Kern County and California City noise ordinances. Heavy construction is expected to occur between 6:00 am and 5:00 pm, Monday through Friday. If weekend work is required, construction will occur between 8:00 am and 9:00 pm. Additional hours may be necessary to make up schedule deficiencies or to complete critical construction activities. Low-level noise activities may potentially occur between the hours of 10:00 pm and 7:00 am as long as the noise is below County and City noise standards. Nighttime activities could potentially include, but are not limited to, refueling equipment, staging material for the following day's construction activities, quality assurance/control, and commissioning.

Materials and supplies would be delivered to the project site by truck. Truck deliveries would normally occur during daylight hours; however, there could be offloading and/or transporting to the project site on weekends and during evening hours.

Earthmoving activities are expected to be limited to the construction of the access roads, O&M building(s), substation(s), water storage tank, construction of solar panel foundation supports, ESS, and stormwater protection or storage (detention) facilities. Final grading may include revegetation with low-lying grass or applying earth-binding materials to disturbed areas.

### ***Construction Water Use***

During construction, water would be required for common construction-related purposes, including but not limited to dust suppression, soil compaction, and grading. Total water usage during construction is not expected to exceed 900 acre-feet. Water demand would be the same during normal or dry years. It is anticipated that water would be obtained from new or existing on-site wells. Alternatively, water may be obtained from one or more off-site source(s) and delivered to the project site via truck. If off-site water is



used, it would likely be obtained from one of the nearby Springbok projects, the Eland Project, or from a commercial source

Temporary, portable water tanks may be placed on site to store water for construction purposes. If the Applicant determines that off-site water would be used, the Applicant would submit evidence of an agreement to provide sufficient water quantities from the proposed off-site water purveyor(s). Portable restroom facilities would be provided to the workers during construction.

## Operations and Maintenance Activities

Once the Project is constructed, operations and maintenance would generally be limited to the following:

- Cleaning of PV panels
- Monitoring electricity generation
- Providing site security
- Facility maintenance - replacing or repairing inverters, wiring, PV modules, fences, roads, and gen-tie facilities

The facility would operate seven days a week, 24 hours a day, generating electricity during normal daylight hours when the solar energy is available. Maintenance activities may occur seven days a week, 24 hours a day to ensure PV panel output when solar energy is available.

### *Work Force*

It is expected that the Project would require an operational staff of up to 20 full-time employees. Typically, the majority of the staff would work during the day shift (sunrise to sunset) and the remainder during the night shifts and weekend. Each employee shift would consist of approximately 5 persons, stationed at the O & M Building. As noted earlier, it is possible that the Project would share O&M, substation, ESS, and/or transmission facilities with one or more nearby projects. In such a scenario, the projects would share personnel, thereby potentially reducing the Project's on-site staff.

### *Operational Water Demand*

Water demand for panel washing and O&M domestic use is not expected to exceed 100 acre-feet per year. Water is anticipated to be obtained from on-site wells. If off-site water is trucked in, it would likely be obtained from a nearby well or from a commercial source. A small water treatment system with a footprint of up to 30 feet by 30 feet may be installed to provide deionized water for panel washing.

## Project Features and Best Management Practices

The following sections describe standard project features and best management practices that would be applied during construction and long-term operation of the project to maintain safety and minimize or avoid environmental impacts.

### *Site Preparation, Earthwork and Construction Control Measures*

The project site(s) would be cleared and graded as needed to allow for the installation of the solar arrays, energy storage facility, related infrastructure, access driveways, and temporary construction staging areas.



Sediment and erosion controls would be installed in accordance with an approved Storm Water Pollution Prevention Plan (SWPPP). Stabilized construction entrances and exits would also be installed at the project entrance driveways to ensure that potential for tracking of sediment onto adjacent public roadways is minimized.

Earthmoving activities are expected to be limited to the construction of the access roads, any O&M building, any substation(s), any ESSs, and any storm water protection or storage (detention) facilities. Final grading may include revegetation with low lying grass or applying earth-binding materials to disturbed areas.

Dust-minimizing techniques, such as maintaining natural vegetation where possible, use of mow-and-roll vegetation clearing, placement of wind control fencing, application of water, and/or application of dust suppressants would be implemented as needed. Project grading would be minimized to the extent feasible to reduce unnecessary soil movement that may result in dust generation. Earthworks scrapers, excavators, dozers, water trucks, paddlewheels, haul vehicles, and graders may all be used in site preparation. Access roads may be compacted, as required, to support construction and emergency vehicles. Certain access roads may also be surfaced with aggregate or decomposed granite in conformance with emergency access requirements. Any grading would be balanced on-site, with no need for the export or import of soils. Additionally, on-site trenching for the placement of underground electrical and communication lines would occur.

Noise-generating construction activities would be limited to construction hours allowed by the County's noise ordinance. All stationary construction equipment that may result in excessive noise or vibration levels would be operated away from sensitive noise receptors to the extent feasible. Construction activities would occur such that maximum noise levels at affected sensitive noise receptors (i.e., rural residential uses) would not exceed the County's adopted noise threshold levels.

Applicable local, state, and federal requirements and best management practices (BMPs) would be implemented during the construction phase. Consistent with the County zoning ordinance and with guidelines provided in the California Stormwater Quality Association's Construction Best Management Practice Handbook, BMPs would be implemented, including preparation of a SWPPP and a soil erosion and sedimentation control plan to reduce the potential for erosion and to minimize effects on stormwater quality. Stabilized construction entrances and exits would be installed at the entrances to each site to reduce the tracking of sediment onto adjacent public roadways.

Additionally, site preparation would occur in conformance with Eastern Kern Air Pollution Control District rules for dust control.

### ***Waste and Hazardous Materials Management***

The proposed project would have minimal levels of materials on-site that have been defined as hazardous under 40 CFR, Part 261. The following materials are expected to be used during the construction, operation, and long-term maintenance of the proposed project:

- Insulating oil – used for electrical equipment
- Lubricating oil – used for maintenance vehicles
- Various solvents/detergents – equipment cleaning
- Gasoline – used for maintenance vehicles



Hazardous materials and wastes will be managed, used, handled, stored, and transported in accordance with applicable local and State regulations. All hazardous wastes will be maintained at quantities below the threshold requiring a Hazardous Material Management Program (HMMP) (one 55 gallon drum). Though not expected, should any on-site storage of hazardous materials exceed one 55-gallon drum, an HMMP would be prepared and implemented.

### *Spill Prevention and Containment*

During construction, above ground storage tanks will be used as temporary fueling stations. Temporary tanks will have double containment. Less than 55 gallons of hazardous materials would be stored on-site during operations. Spill prevention and containment for construction and operation of the proposed project will adhere to the Environmental Protection Agency's (EPA) guidance on Spill Prevention Control and Countermeasures (SPCC).

### *Wastewater/Septic System*

During construction, portable toilets and washing stations will be used based on the number of employees onsite. These units will be regularly serviced. During operations, an on-site septic tank and leach field would be used at the O&M building to dispose of sanitary wastewater, designed to meet operation and maintenance guidelines required by local laws, ordinances, regulations, and standards.

### *Inert Solids*

Inert solid wastes resulting from construction activities may include recyclable items such as paper, cardboard, solid concrete and block, metals, wire, glass, type 1-4 plastics, drywall, wood, and lubricating oils. Non-recyclable items include insulation, other plastics, food waste, vinyl flooring and base, carpeting, paint containers, packing materials, and other construction wastes. A Construction Waste Management Plan will be prepared for review by the County. Consistent with local regulations and the California Green Building Code, the Plan would provide for diversion of a minimum of 50 percent of construction waste from landfills.

Chemical storage tanks (if any) would be designed and installed to meet applicable local and state regulations. Any wastes classified as hazardous such as solvents, degreasing agents, concrete curing compounds, paints, adhesives, chemicals, or chemical containers will be stored (in an approved storage facility/shed/structure) and disposed of as required by local and state regulations. Hazardous wastes exceeding threshold quantities (one 55-gallon drum) are not expected.

### *Health and Safety*

Safety precautions and emergency systems will be implemented as part of the design and construction of the proposed project to ensure safe and reliable operation. Administrative controls will include classroom and hands-on training in operating and maintenance procedures, general safety items, and a planned maintenance program. These will work with the system design and monitoring features to enhance safety and reliability.

The proposed project will have an Emergency Response Plan (ERP). The ERP will address potential emergencies including chemical releases, fires, and injuries. All employees will be provided with communication devices, cell phones, or walkie-talkies, to provide aid in the event of an emergency.



## *Decommissioning*

Solar equipment typically has a lifespan of over 30 years. The proposed project expects to sell the renewable energy produced by the project under the terms of a long-term Power Purchase Agreement (PPA) with a utility or other power off taker. Upon completion of the PPA term, the project operator may, at its discretion, choose to sell power in the open market, enter into a subsequent PPA or decommission and remove the system and its components. Upon decommissioning, the solar facility could be converted to other uses in accordance with applicable land use regulations in effect at that time.

It is anticipated that, during project decommissioning, project structures that would not be needed for subsequent use would be removed from the project site. Above-ground equipment that may be removed would include module posts and support structures, on-site transmission poles that are not shared with third parties and the overhead collection system within the project site, inverters, substation(s), transformers, electrical wiring, equipment on the inverter pads, and related equipment and concrete pads.

Equipment would be de-energized prior to removal, salvaged (where possible), and shipped off-site to be recycled or disposed of at an appropriately licensed disposal facility. Once the solar modules are removed, the racks would be disassembled, and the structures supporting the racks would be removed. Site infrastructure would be removed, including fences, and concrete pads that may support the inverters, transformers and related equipment. The demolition debris and removed equipment may be cut or dismantled into pieces that can be safely lifted or carried by standard construction equipment. The fencing and gates would be removed, and all materials would be recycled to the extent practical. Project roads would be restored to their pre-construction condition unless they may be used for subsequent land use. The area would be thoroughly cleaned and all debris removed. Materials would be recycled to the extent feasible, with the remainder disposed of in landfills in compliance with all applicable laws.

## 1.5. Project Objectives

The project objectives as identified by the project proponent are to:

- Construct and operate a solar energy facility of sufficient size and configuration to produce (up to) 1,500 MW of reliable electricity and energy storage in an economically feasible and commercially financeable manner that can be marketed to different power utility companies.
- Provide energy to the electric grid to meet increasing demand for in-state generation.
- Integrate operating facilities with other existing solar projects in the vicinity to maximize economies of scale.
- Assist the County in achieving the goal in the Energy Element of its General Plan to develop large scale solar energy development as a major energy source in the County.
- Site and design the project in an environmentally responsible manner consistent with current Kern County and City of California City guidelines.
- Promote economic development and bring regionally defined living-wage jobs to the region throughout the life of the proposed project.
- Support California's efforts to reduce greenhouse gas (GHG) emissions consistent with the timeline established in 2006 under California Assembly Bill 32, the Global Warming Solutions Act of 2006,



which requires the California Air Resources Board to reduce statewide emissions of GHGs to at least the 1990 emissions level by 2020. This timeline was updated in 2016 under SB 32, which requires that statewide GHG emissions are reduced to at least 40 percent below the statewide GHG emissions limit by 2030;

- Support California’s aggressive RPS Program consistent with the timeline established by SB 100 (De León, also known as the “California Renewables Portfolio Standard Program: emissions of greenhouse gases”) as approved by the California Legislature and signed by Governor Brown in September 2018, which established a 50 percent RPS goal by December 31, 2026, 60 percent by December 31, 2030, and a goal that 100 percent of electric retail sales to end-use customers be provided by renewable energy and zero-carbon resources by 2045.

## 1.6. Proposed Discretionary Actions/Required Approvals

The anticipated approvals needed for the project include changes in zone classification, adoption of conditional use permits, amendment to the Kern County General Plan land use designation, and amendments to the Circulation Elements of the Kern County General Plan, Mojave Specific Plan, and California City General Plan. Construction and operation of the proposed solar energy facility may require additional local, State, and federal entitlements; as well as discretionary and ministerial actions and approvals including, but not limited to, those listed below:

### Kern County (Lead Agency)

- Consideration and certification of Final EIR
- Adoption of 15091 Findings of Fact and 15093 Statement of Overriding Considerations
- Adoption of proposed Mitigation Measure Monitoring Program
- Approval by the Kern County Board of Supervisors for proposed change in General Plan Designation
- Approval by the Kern County Board of Supervisors for proposed changes in zone classification
- Approval by the Kern County Board of Supervisors for proposed conditional use permits for the project site
- Approval by the Kern County Board of Supervisors for proposed General Plan Amendment and Specific Plan Amendment to the Circulation Element
- Kern County grading and building permits
- Kern County encroachment permits
- Kern County Franchise Agreements
- Kern County easements and Licenses
- Kern County public road(s) and easement(s) vacation(s) (if required)
- Kern County Fire Safety Plan



## California City (Responsible Agency)

- Consideration of a previously certified Final EIR
- Adoption of 15091 Findings of Fact and 15093 Statement of Overriding Considerations
- Adoption of proposed Mitigation Measure Monitoring Program
- Approval by the Planning Commission for proposed changes in zone classification (if required)
- Approval by the Planning Commission for proposed conditional use permits for the project site
- California City grading and building permits
- California City Franchise Agreements/Business License
- California City encroachment permit
- California City public road(s) and easement(s) vacation(s) (if required)
- California City Fire Strategic Plan
- Development Agreement (if required)

## Other Responsible Agency Approvals

- Federal Aviation Administration review
- U.S. Fish and Wildlife Service Habitat Conservation Plan (if required).
- Bureau of Land Management Right of Way Agreement for Limited Improvements for Access Roads and Gen-tie Line (if required).
- California Department of Fish and Wildlife (CDFW), Lake and Streambed Alteration Agreement or Incidental Take Permit or Habitat Conservation Plan (if required)
- State Water Resources Control Board, National Pollutant Discharge Elimination System Construction General Permit
- California Department of Transportation Right-of-Way Encroachment Permit, Permit for Transport of Oversized Loads, and scenic roadway eligibility requirements, if required
- Union Pacific, BSNF Rail Road Wireline Crossing Agreement
- Southern California Edison, Rights-of-Way Crossing Permits
- Los Angeles Department of Water and Power Crossing Agreement
- Eastern Kern County Air Pollution Control District, Authority to Construct/Permit to Operate/Fugitive Dust Control Plan

The preceding discretionary actions/approvals are potentially required and do not necessarily represent a comprehensive list of all possible discretionary permits/approvals required. Other additional permits or approvals from responsible agencies may be required for the proposed project.



## 2. Kern County Environmental Checklist Form

### 2.1. Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a “potentially significant impact” as indicated by the Kern County Environmental Checklist on the following pages.

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Aesthetics                  | <input checked="" type="checkbox"/> Agricultural and Forestry Resources | <input checked="" type="checkbox"/> Air Quality                        |
| <input checked="" type="checkbox"/> Biological Resources        | <input checked="" type="checkbox"/> Cultural Resources                  | <input checked="" type="checkbox"/> Energy                             |
| <input checked="" type="checkbox"/> Geology and Soils           | <input checked="" type="checkbox"/> Greenhouse Gas Emissions            | <input checked="" type="checkbox"/> Hazards and Hazardous Materials    |
| <input checked="" type="checkbox"/> Hydrology and Water Quality | <input checked="" type="checkbox"/> Land Use and Planning               | <input type="checkbox"/> Mineral Resources                             |
| <input checked="" type="checkbox"/> Noise                       | <input type="checkbox"/> Population and Housing                         | <input checked="" type="checkbox"/> Public Services                    |
| <input type="checkbox"/> Recreation                             | <input checked="" type="checkbox"/> Transportation and Traffic          | <input checked="" type="checkbox"/> Tribal Cultural Resources          |
| <input checked="" type="checkbox"/> Utilities/Service Systems   | <input checked="" type="checkbox"/> Wildfire                            | <input checked="" type="checkbox"/> Mandatory Findings of Significance |

### 2.2. Determination (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect (a) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (b) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENT IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

R. Candia  
Signature

1-15-21  
Date

RONGELLE R. CANDIA  
Printed Name

KERN COUNTY PLANNING  
For



### 3. Evaluation of Environmental Impacts

1. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including offsite as well as onsite, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
4. Negative Declaration: “Less than Significant with Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less-than-Significant Impact.” The lead agency must describe the mitigation measure and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, “Earlier Analyses,” may be cross-referenced).
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration, Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a. Earlier Analysis Used. Identify and state where they are available for review.
  - b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c. Mitigation Measures. For effects that are “Less than Significant with Mitigation Incorporated,” describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.



8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9. The explanation of each issue should identify:
  - a. The significance criteria or threshold, if any, used to evaluate each question; and
  - b. The mitigation measure identified, if any, to reduce the impact to a less-than-significant level.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
<b>I. Aesthetics</b>				
Would the project:				
a. Have a substantial adverse effect on a scenic vista?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. In nonurbanized areas, substantially degrade the existing visual character or quality of the site and its surroundings? (Public views are those that are experienced from public accessible vantage points) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**RESPONSES:**

- (a) The aesthetic features of the existing visual environment in the project area are relatively uniform, with broad, dry, flat landscapes. The project site is generally surrounded by undeveloped desert land and industrial areas. According to the California Department of Transportation (Caltrans) California Scenic Highway Mapping System, State Route (SR) 58 is considered an eligible scenic highway between the communities of Mojave and Boron and SR 14 is considered an eligible scenic highway from its junction with SR 58 to its merge with SR 395 (Caltrans 2020). As shown in **Figure 1, Regional Vicinity Map**, portions of the project site are located along both sides of SR 58 and approximately 1.5 miles south east of the SR 58 junction with SR 14. There is a potential that the proposed project would substantially change views from SR 58, SR 14, and other public roads. This is considered a potentially significant impact and will be evaluated in the EIR.
- (b) As described in (a), above, the closest eligible scenic highway is SR 58 between Mojave and Boron, as well as SR 14 from its junction with SR 58 to its merge with SR 395. The project site is located immediately adjacent to SR 58 and approximately 1.5 miles south east of the SR 58 junction with SR 14. Therefore, the proposed changes in the landscape could result in significant impacts to views from SR 58 and SR 14. Specifically, SR 58 divides the southern portion of the project site. There is a potential that the proposed project will be visible from SR 58 and SR 14. Further review is required to determine if there are scenic resources on site that could be eliminated or substantially altered. This is considered a potentially significant impact and will be evaluated in the EIR.



- (c) Refer to Response (a), above, for a description of the existing landscape character. The proposed project is located in a non-urbanized area of unincorporated Kern County and the City of California City. The aesthetic features of the existing visual environment within the project boundary are relatively uniform, with natural desert vegetation. Outside of the project boundaries is a mix of undeveloped land, and industrial development. The project site is located along the portion of SR 58 that is identified as an eligible scenic highway and approximately 1.5 miles south east of the SR 58 junction with SR 14. There is a potential that the proposed project would substantially change views from SR 58, SR 14, and other public roads. Placement of PV solar panels and associated structures on the project site would substantially alter the undeveloped, open space character of the area. Travelers on adjacent roads would observe alterations to the existing landscape. Therefore, changes to the visual quality and character of the project site may be significant, and impacts will be further evaluated in the EIR.
- (d) The project site is generally undeveloped desert land and does not generate a source of light or glare. The PV modules are designed to absorb sunlight to maximize electrical output; therefore, they are not expected to create significant reflective surfaces or the potential for glint/glare during the day. The proposed solar facility lighting would be designed to provide the minimum illumination needed to achieve safety and security objectives and would be directed downward and shielded to focus any illumination on the desired areas only to minimize light trespass. All lighting at the proposed solar facility would be designed to meet Kern County Zoning Ordinance Chapter 19.81 - Outdoor Lighting - Dark Skies requirements. Additionally, the project would comply with the Dark Sky principles identified in the California City General Plan. These principles state that all exterior lighting shall be designed to point downward, exterior and security lighting shall be connected to a motion detector and/or timer, and exterior lighting shall be fully shielded. However, further analysis of the potential effects of the project's outdoor lighting fixtures and potential for day or night glare effects from project facilities will be provided in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
<b>II. Agriculture and Forest Resources</b>				
Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to nonagricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Conflict with existing zoning for agricultural use or a Williamson Act Contract?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Result in the cancellation of an open space contract made pursuant to the California Land Conservation Act of 1965 or Farmland Security Zone Contract for any parcel of 100 or more acres (Section 15205(b)(3) Public Resources Code)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**RESPONSES:**

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state’s inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and the forest carbon measurement methodology provided in the Forest Protocols adopted by the California Air Resources Board.



- (a) According to the California Department of Conservation (DOC), Division of Land Resource Protection's Important Farmland Maps, there are no agricultural lands designated Prime Farmland, Farmland of Statewide Importance, or Unique Farmland located within the project site. The project site is designated as nonagricultural and natural vegetation by the DOC (DOC 2018). There are no lands designated as important farmland located adjacent to or in the vicinity of the project site (DOC 2018). Therefore, construction and/or operation of the proposed project would not result in the conversion of designated Farmland to a nonagricultural use. No further evaluation is required in the EIR.
- (b) According to the County of Kern's Interactive County Map (GIS Tool; Kern County 2020), the project site does not contain lands that are subject to Williamson Act contracts, either active or in nonrenewal. There are no lands under Williamson Act contracts adjacent to or in the vicinity of the project site. As such, there would be no impacts to Williamson Act lands.

The portion of the project site and part of the surrounding area in unincorporated Kern County includes land that is zoned as A (Exclusive Agriculture), A-1 (Limited Agriculture), and A-1 MH (Limited Agriculture – Mobile Home Combining) and land within California City is zoned as O/RA (Open Space/Residential/Agricultural). Solar facilities are considered a compatible use with the Kern County designations proposed by the project with a Conditional Use Permit. At present, solar facilities are considered to be a permitted use only in industrial zoned areas in California City. The City is in the process of updating its zoning code to designate solar facilities as a compatible/permitted use in O/RA zoned districts. If deemed necessary by the City of California City, the project proponent may request a zone change from O/RA to M-1 (Light Industrial) for the portion of the facility located in California City. No active agricultural lands would be affected by the proposed project. If rezoning is required for the portion of the project within California City, impacts could be potentially significant. Impacts will be discussed further in the EIR.

- (c) The project site is not situated on forest or timberland with areas that are currently under production. There is no land in the vicinity of the project site that is zoned as forest land, timberland, or lands zoned for timberland production. Therefore, there would be no impacts related to the rezoning of forest land, timberland, or timberland zoned for timberland production and no further analysis is warranted in the EIR.
- (d) Refer to response (c) above. Implementation of the proposed project would not directly or indirectly result in the loss of forest land or conversion of forest land to non-forest use. No further evaluation is required in the EIR.
- (e) As mentioned in response (a) above, the project site is not classified as Prime Farmland, Farmland of Statewide Importance, or Unique Farmland, and there are no active farmlands located in the project vicinity. The proposed project would not have direct or indirect impacts to the existing environment that would affect agricultural uses. The project site is not designated as forest land and forest land or timberlands do not occur in the project vicinity. Therefore, the project would not involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use. As such, there would be no conversion of forest land. No further evaluation is required in the EIR.
- (f) The project site is not subject to an open space contract made pursuant to the California Land Conservation Act of 1965 or the Farmland Security Zone Contract. As stated above, the project site is not under a Williamson Act Contract, and no impacts are anticipated. The project would therefore



not result in the cancellation of an open space contract made pursuant to the California Land Conservation Act of 1965 or Farmland Security Zone Contract for any parcel of 100 or more acres (Section 15205(b)(3) Public Resources Code. No impact would occur and no further evaluation is required in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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### III. Air Quality

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

- |   |                                     |                          |                                     |                          |
|---|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| a. Conflict with or obstruct implementation of the applicable air quality plan?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable federal or state ambient air quality standard? Specifically, would implementation of the project exceed any of the following adopted thresholds: |                                     |                          |                                     |                          |
| i. San Joaquin Valley Air Pollution Control District:   |                                     |                          |                                     |                          |
| <u>Operational and Area Sources</u>   |                                     |                          |                                     |                          |
| Reactive organic gases (ROG): 10 tons per year.   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Oxides of nitrogen (NO <sub>x</sub> ): 10 tons per year.  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Particulate matter (PM <sub>10</sub> ): 15 tons per year.   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <u>Stationary Sources - as Determined by District Rules</u>   |                                     |                          |                                     |                          |
| Severe nonattainment: 25 tons per year.   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Extreme nonattainment: 10 tons per year.  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| ii. Eastern Kern Air Pollution Control District.  |                                     |                          |                                     |                          |
| <u>Operational and Area Sources</u>   |                                     |                          |                                     |                          |
| Reactive organic gases (ROG): 25 tons per year.   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Oxides of nitrogen (NO <sub>x</sub> ): 25 tons per year.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Particulate matter (PM <sub>10</sub> ): 15 tons per year.   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| <u>Stationary Sources – as Determined by District Rules</u>   |                                     |                          |                                     |                          |
| 25 tons per year.   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| c. Expose sensitive receptors to substantial pollutant concentrations?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| d. Result in other emissions (such as those leading to odors adversely affecting a substantial number of people)?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |



RESPONSES:

- (a) The project site is located entirely within the jurisdiction of the Eastern Kern Air Pollution Control District (EKAPCD), in the Mojave Desert Air Basin (MDAB). The MDAB is designated as a nonattainment area for both the state and federal ozone standards and the state particulate matter (PM<sub>10</sub>) standard. Project construction would generate emissions of reactive organic gases (ROG) and oxides of nitrogen (NO<sub>x</sub>), both of which are known as ozone precursors, and PM<sub>10</sub> that could result in significant impacts to air quality in the area.

EKAPCD's most recently adopted air quality management plan is its Ozone Air Quality Attainment Plan (AQAP) (EKAPCD 2017). As the proposed project would generate gaseous emissions of ozone precursors (along with PM<sub>10</sub>) during construction, the proposed project could potentially conflict with EKAPCD's Ozone AQAP or thresholds for emissions of other criteria pollutants. The fully built and operational project would not include any stationary sources of air pollutants and the regular employee commuting traffic would generate minor exhaust emissions. As such, no significant long-term air quality impacts are anticipated that could result in a conflict with the AQAP. Further analysis of the project's air quality impacts is warranted to determine whether the proposed project would conflict with or obstruct implementation of EKAPCD's applicable air quality plan for attainment and, if so, to determine the reasonable and feasible mitigation measures that could be imposed. These issues will be evaluated in the EIR.

- (b) The proposed project is not located within the San Joaquin Valley Air Pollution Control District and, therefore, its adopted thresholds do not apply. However, as noted in Response (a) above, the project is located within the MDAB, which is designated as a nonattainment area for the state and federal ozone standards and the state PM<sub>10</sub> standard. As such, the emissions of ozone precursors (ROG and NO<sub>x</sub>) and PM<sub>10</sub> during construction and operation of the project could result in a cumulatively considerable net increase of these criteria pollutants in the MDAB. Thus, the project's contribution to cumulative air quality impacts in the MDAB could be potentially significant. The project's contribution of construction and operational emissions to the MDAB will be analyzed in the EIR.
- (c) No sensitive receptors are located in the immediate vicinity of the project site. The nearest sensitive receptors are several isolated residences located approximately 1.2 miles south of the southwestern most project parcel (near the unincorporated community of Sanborn). The nearest sensitive receptors in the community of Mojave are residences approximately 2.5 miles from the western-most project parcel and the nearest receptors in California City are residences approximately 2.9 miles from the eastern-most project parcel. Sensitive receptors could be exposed to pollutant emissions during construction of the proposed project. The proposed project's construction-related activities would result in diesel exhaust emissions and dust (also known as PM<sub>10</sub>) that could adversely affect air quality for the nearest sensitive receptors. The fully operational project would not include any stationary sources of air pollutant emissions and the small number of employees working a particular shift would generate low traffic volumes that would not result in significant levels of vehicular exhaust emissions. There would be less than significant concentrations of emissions from project operations, and a corresponding less than significant impact on the nearest sensitive receptors.

Additionally, exposure to Valley Fever and COVID-19 concerns from fugitive dust generated during construction is a potentially significant impact. There is the potential that cocci spores could be stirred up during excavation, grading, and earth-moving activities, exposing construction workers and sensitive receptors to these spores and thereby to the possibility of contracting Valley Fever and/or



exacerbate health concerns related to COVID-19. Thus, impact to sensitive receptors via pollutant concentrations is potentially significant and will be evaluated further in the EIR.

- (d) The project would not have any stationary sources or equipment located on-site that would generate objectionable odors. During construction activities, only short-term, temporary odors from vehicle exhaust and construction equipment engines would occur. However, these odors would be temporary and would be dispersed rapidly. Therefore, project impacts are expected to be less than significant. Nonetheless, this issue will be further evaluated in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
<b>IV. Biological Resources</b>				
Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Conflict with the provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**RESPONSES:**

- (a) The project site contains large areas of native vegetation on-site is typical of that found throughout the Mojave Desert. Kern County parcels and collector lines support seven and eight vegetation communities, respectively, of which three are California Native Plant Society (CNPS) sensitive natural communities. California City parcels and collector lines support seven and five vegetation communities, respectively, of which the same three are sensitive, which consist of Spinescale Scrub, Winterfat Scrubland, and Joshua Tree Woodland. The gen-tie corridor traverses through the various vegetation communities, including the sensitive communities of Spinescale Scrub and Joshua Tree Woodland. There is a potential for candidate, sensitive, or special-status plants and wildlife species



to be present onsite or in the proposed project vicinity. The findings of field surveys conducted to determine the presence of candidate, sensitive, or special-status plant and animal species will be included in the EIR. Native desert plants, such as the Joshua tree are protected under the California Desert Native Plant Act and California Endangered Species Act. Since the species is known to be present onsite, construction of the proposed project may directly or indirectly impact a protected species. Indirect impacts include dust and soil compaction leading to habitat degradation. Impacts to biological resources and sensitive plant communities are considered potentially significant and will be analyzed in the EIR.

- (b) The project site contains large areas of undeveloped desert land with native vegetation. Field surveys for riparian or other sensitive natural communities, such as Joshua Tree woodlands, will be completed for the proposed project, and the results will be included in the EIR. Impacts to riparian or other sensitive natural communities are potentially significant and will be analyzed in the EIR.
- (c) Potential federal or state-protected water-based resources such as streams and washes could be present on the project site and might be impacted by project construction activities. Field surveys will be conducted to determine whether the project site contains features that are protected under federal or state regulations will be conducted as part of the EIR. Impacts to protected wetlands would be considered potentially significant, if required. Further analysis will be included in the EIR.
- (d) The project site and surrounding area may be used for land-based migration or dispersal by native wildlife species, such as migratory birds, (e.g., burrowing owl) and desert tortoise. There are no water bodies or water courses that could provide migratory habitat for fish or wildlife species. Project construction and operation could also remove foraging habitat. Lighting from the project site could potentially affect movement of wildlife around the project site. Impacts to migration of protected wildlife species are considered potentially significant and will be further evaluated in the EIR.
- (e) Joshua trees (*Yucca brevifolia*) are protected under the California Desert Native Plants Act (CDNPA) and California Endangered Species Act (CESA), and have been documented within the project site both through review of available databases and via on-site surveys conducted for the proposed project by the project's consulting biologist. Kern County (County) administers the permit program for removal of any species covered by this state act. Specifically, the CDNPA prohibits the harvesting of native desert plants, including Joshua trees, or any parts thereof, except when a permit from the Kern County Agricultural Commissioner is obtained and a fee for removal and/or relocation is submitted. This is considered a potentially significant impact and will be evaluated in the EIR. Furthermore, the Open Space and Conservation Element of the California City General Plan includes the following policy:
  - Encourage the preservation of Joshua trees, known wildflower displays, or other biologically sensitive flora determined during biological surveys.

Implementation of the proposed project has the potential to impact Joshua trees; therefore, this impact is potentially significant and will be further evaluated in the EIR.

- (f) Further analysis is required to determine whether the project is be consistent with the Land Use, Open Space, and Conservation Elements of the Kern County General Plan, Mojave Specific Plan, and City of California City General Plan pertaining to preservation of sensitive plants, wildlife and habitat. The Project Area is located 10 miles southwest of the Desert Tortoise Research Natural Area (DTRNA). The DTRNA was established in 1974 and includes 39.5 square miles of desert habitat of



which a majority of the private land inholdings have been purchased by the Bureau of Land Management (BLM), by the California Department of Fish and Wildlife (CDFW), and by the Desert Tortoise Preserve Committee (DTPC), a 501(3)c non-profit organization (DTPC, 2019). The southern and eastern boundary of the DTRNA is shared with California City. In 1980 the BLM designated the DTRNA as an Area of Critical Environmental Concern (ACEC) and perimeter fencing was installed as well as a visitor's center. The project site is also located within the Desert Renewable Energy Conservation Plan (DRECP) Development Focus area, which means that the area is expected to support fewer sensitive status species than areas identified with conservation potential and is therefore more likely to be appropriate for renewable energy development. However, the DRECP only applies to public lands managed by the Bureau of Land Management and is not an adopted Habitat Conservation Plan (HCP) or Natural Community Conservation Plan (NCCP). The proposed project would be located on private land and therefore is not subject to the DRECP.

There are no other adopted conservation plans for protection of biological resources governing the project area. No impact would occur as the proposed project would not conflict with the provisions of an adopted habitat conservation plan. No further analysis in the EIR is warranted.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## V. Cultural Resources

Would the project:

- |  |                                     |                          |                                     |                          |
|--|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| a. Cause a substantial adverse change in the significance of a historical resource pursuant to CEQA Guidelines Section 15064.5?      | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines Section 15064.5? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| c. Disturb any human remains, including those interred outside of formal cemeteries?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

### RESPONSES:

- (a) The project site consists of undeveloped desert land. It is possible that surface or subsurface deposits of historic resources may occur somewhere on the project site, as there are established historic era settlements in this area, i.e., California City and Mojave. Development of the proposed project would require ground disturbance for grading, installation of the solar arrays, gen-tie line, and placement of underground electrical and communications lines. The proposed project could potentially impact historical resources. Such earth-disturbing activities could potentially impact historical resources. A cultural resources survey will be conducted for the proposed project as part of the EIR. Further evaluation in the EIR is warranted to identify potential impacts to historical resources and to formulate avoidance or mitigation measures, if applicable.
- (b) As discussed under response (a) above, development of the proposed project would require ground disturbance for grading, installation of the solar arrays, gen-tie line, and placement of underground electrical and communications lines. The proposed project could potentially impact unknown archaeological resources during earth disturbing construction activities. A cultural resources survey will be conducted for the proposed project as part of the EIR. Further evaluation in the EIR is warranted to identify potential impacts to archaeological resources and to formulate avoidance or mitigation measures, if applicable.
- (c) There is no evidence that the project site is located within an area likely to contain human remains, and discovery of human remains during earthmoving activities is not anticipated. Therefore, impacts to human remains are anticipated to be less than significant. However, this issue will be further evaluated in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## VI. Energy

Would the project:

- |   |                          |                          |                                     |                          |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

### RESPONSES:

- (a) Construction of the proposed project would involve on-site energy demand and consumption related to use of oil in the form of gasoline and diesel fuel for construction worker vehicle trips, hauling and materials delivery truck trips, and operation of off-road construction equipment. In addition, diesel-fueled portable generators may be necessary to provide additional electricity demands for temporary on-site lighting, welding, and for supplying energy to areas of the sites where energy supply cannot be met via a hookup to the existing electricity grid.

Energy use associated with operation of the proposed project would be typical of a solar facility. Operation and maintenance facilities associated with the project would require electricity for interior and exterior building lighting, heating, ventilation, and air conditioning (HVAC), electronic equipment, machinery, appliances, security systems, etc. Electrical energy for operations would be provided by the solar energy produced and/or stored by the proposed project, or back fed by power obtained from SCE. Maintenance activities during operations, such as landscape maintenance, could involve the use of electric or gas-powered equipment. In addition to on-site energy use, the proposed project would result in transportation energy use associated with employee vehicle trips generated by the proposed project. Although there is no indication at this time that the project's energy consumption would involve wasteful or inefficient practices, this issue will be further evaluated in the EIR.

- (b) Operation of the proposed project would lead to an overall increase in the County's renewable energy portfolio and would align with the stated General Plan policy to encourage the development of renewable energy within Kern County. This project would also align with and implement statewide objectives to expand the amount of electricity generated from renewable sources, such as SB 350, which requires that by December 31, 2030, 50 percent of all electricity sold in the state shall be generated from renewable energy sources. Impacts are considered to be beneficial. However, further discussion is warranted in the EIR, to provide a broader assessment of the project's beneficial effects in terms of implementing important State, County, and City objectives for renewable energy.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## VII. Geology and Soils

Would the project:

- |  |                                     |                          |                                     |                                     |
|--|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:   |                                     |                          |                                     |                                     |
| i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| ii. Strong seismic ground shaking?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| iii. Seismic-related ground failure, including liquefaction?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| iv. Landslides?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b. Result in substantial soil erosion or the loss of topsoil?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or offsite landslide, lateral spreading, subsidence, liquefaction, or collapse?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems in areas where sewers are not available for the disposal of wastewater?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |



RESPONSES:

- (a)(i) According to the California Geologic Study's Alquist-Priolo Special Studies Fault Map, the project site is not located within a currently mapped Alquist-Priolo Special Studies Fault Zone (CGS 2020). The nearest fault is the Garlock (West) Fault that is located approximately 7.5 miles west of the project and the San Andreas Fault is over 30 miles southwest of the site (Stantec 2019). As such, a rupture of an on-site fault is not anticipated. Construction of the project would have no effect on potential movement along the Garlock Fault or any other regional fault systems. In addition, although the project does not include any habitable structures, construction of the project would be subject to all applicable ordinances of the Kern County Building Code (Chapter 17.08) and California City Building Code. Kern County and California City have adopted the California Building Standards Code (CBC), which imposes substantially the same seismic safety requirements as the International Building Code (IBC). Adherence to all applicable regulations would mitigate any potential impacts at the project site due to rupture along the Garlock Fault or other regional faults. Nonetheless, a geotechnical investigation will be conducted to confirm the absence of on-site fault indications, and further discussion will be provided in the EIR to explain how the project will be designed to align with applicable Kern County and California City regulations.
- (a)(ii) Due to the location of active faults in the general region, strong seismic ground shaking could occur at the project site, resulting in damage to above and below ground structures and other site improvements, if not properly designed to withstand strong ground shaking. As discussed in (a)(i) above, adherence to applicable regulations would minimize the potential impacts associated with the proposed project. Although potential impacts are anticipated to be less than significant, further discussion in the EIR will be provided.
- (a)(iii) Seismically induced liquefaction occurs when loose, water-saturated sediments of relatively low density are subjected to cyclic shaking that causes soils to lose strength or stiffness because of increased pore water pressure. Liquefaction generally occurs when the depth to groundwater is less than 50 feet. Groundwater data from an off-site well approximately 1.3 miles east of the site indicates that the depth to groundwater is approximately 133 feet below the ground surface (Stantec 2019). Thus, the potential for liquefaction at the surface is low. Furthermore, the project is not located within a current, mapped California Liquefaction Hazard Zone. Structures constructed as part of the project would be required by state law to be constructed in accordance with all applicable IBC and CBC earthquake construction standards, including those relating to soil characteristics. Nonetheless, the potential for substantial adverse effects to the project due to seismic-related ground failure, including liquefaction, will be examined in the EIR. A geotechnical investigation will be conducted to determine the subsurface conditions and relevant soil properties at the project site to support that analysis.
- (a)(iv) The project site is located in a relatively flat-lying plain, where landslides are not likely. Impacts related to landslides are not anticipated to occur or pose a hazard to the project or surrounding area. Further analysis of this issue is not warranted in the EIR.
- (b) Grading and/or excavation would be required for solar panel array and some building foundations at the site, and some trenching would be required for the installation of underground cables and circuits. Project construction would have the potential to result in erosion, sedimentation, and discharge of construction debris from the site. Clearing of vegetation and grading activities, for example, could lead to exposed or stockpiled soils susceptible to peak storm water runoff flows and wind forces. The



compaction of soils by heavy equipment may minimally reduce the infiltration capacity of soils (exposed during construction) and increase runoff and erosion potential. The project proponent would be required to obtain coverage under the National Pollution Discharge Elimination System (NPDES) Construction General Permit (CGP), because the proposed project would disturb greater than one acre of land. In order to conform to the requirements of the CGP, a storm water pollution prevention plan (SWPPP) would need to be prepared that outlines specific best management practices (BMPs) to prevent construction pollutants, including eroded soils (such as topsoil), from moving off-site. Post construction BMPs would also be implemented to address any long-term effects involving soil erosion or loss of topsoil associated with operations and maintenance of the proposed project. Impacts are anticipated to be less than significant with implementation of the above requirements. However, this issue will be further evaluated in the EIR.

- (c) The proposed project lies in a relatively flat-lying plain where landslides, lateral spreading, subsidence, liquefaction, and collapse are not expected to occur. Impacts related to geologic instability are not anticipated to occur or pose a hazard to the proposed project or surrounding area. However, this issue will be further analyzed in the EIR. Based on review of available groundwater data in the site vicinity, groundwater in the site vicinity is expected to be more than 50 feet below ground surface. Thus, the potential for liquefaction at the surface is low. Seismic settlement, lateral spreading and collapse are not expected to result in significant impacts. Furthermore, the structures would be subject to all applicable ordinances of the Kern County Building Code California City Building Code, as well as all applicable IBC and CBC earthquake construction standards, including those relating to soil characteristics. Impacts are anticipated to be less than significant with implementation of the above requirements. However, these issues will be further evaluated in the EIR.
- (d) Expansive soils are fine-grained soils (generally high plasticity clays) that can undergo a significant increase in volume with an increase in water content and a significant decrease in volume with a decrease in water content. Changes in the water content of a highly expansive soil can result in severe distress to structures constructed on or against the soil. A geotechnical investigation will be conducted to determine the subsurface conditions and relevant soil properties at the project site. The proposed project would be designed to comply with applicable building codes and structural improvement requirements to withstand the effects of expansive soils, if warranted. Impacts are anticipated to be less than significant; however, this issue will be further evaluated in the EIR.
- (e) The project will include an O&M facility to serve O&M employees. This facility will include development of a septic tank and associated disposal field, the impacts of which are potentially significant. This issue will be further evaluated in the EIR.
- (f) Kern County is rich in paleontological resources. If sensitive paleontological formations are located underground on the project site, ground disturbance could result in impacts to paleontological resources. A paleontological study will be conducted to determine the underlying formations and potential for fossil discoveries throughout the project site. This analysis will be provided in the EIR to identify potential impacts and to formulate avoidance or mitigation measures, if applicable.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## VIII. Greenhouse Gas Emissions

Would the project:

- |  |                          |                          |                                     |                          |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?        | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

### RESPONSES:

- (a) Greenhouse gas (GHG) emissions emitted by human activity are implicated in global climate change or global warming. The principal GHGs are CO<sub>2</sub>, methane (CH<sub>4</sub>), NO<sub>x</sub>, ozone, water vapor, and fluorinated gases. The project’s temporary construction activities, which would involve operation of heavy off-road equipment, on-road trucks (for deliveries and hauling), and construction worker commute trips, would generate GHGs. As a solar power generation facility, however, the proposed project would displace traditional sources of electricity production that involves combustion energy sources (e.g., burning coal, fuel oil, or natural gas). As such, the provision of solar energy by the proposed project would produce GHG-free electricity anticipated to offset GHGs otherwise generated by traditional fuel combustion sources. The project’s GHG emissions generated during construction of the project and the potential GHG offsets resulting from operation of the project will be quantified in the EIR. Potential for significant environmental impacts will be examined through the project’s consistency with GHG reduction plans, programs or regulations, as outlined in the next response.
- (b) California has passed several bills and the governor has signed at least three executive orders regarding GHGs. Assembly Bill (AB) 32 (t Global Warming Solutions Act), was passed by the California legislature on August 31, 2006, and requires the state’s global warming emissions to be reduced to 1990 levels by 2020. The reduction will be accomplished through an enforceable statewide cap on GHG emissions that was phased in starting in 2012.

In 2002, California established its Renewable Portfolio Standards (RPS) Program, with the goal of increasing the percentage of renewable energy in the state’s electricity mix to 20 percent renewable energy by 2017. In 2006, under SB 107, the RPS Program codified the 20 percent goal. The RPS Program requires electric utilities and providers to increase procurement from eligible renewable energy resources by at least one percent of their retail sales annually until they reach 20 percent by 2017. On November 17, 2008, the governor signed Executive Order S-14-08, requiring California utilities to reach the 33 percent renewable goal by 2020. In 2015, SB 350 was enacted to increase the RPS to 50 percent and reduce greenhouse gas emissions by 40 percent by the year 2030.

The proposed project is intended to: (1) reduce importation of power from fossil fuel power plants and (2) contribute to a reduction in GHGs. Heavy equipment operation, truck deliveries, and construction worker commute trips associated with construction of the proposed project would



temporarily generate GHGs; however, operation of the project would offset GHGs generated by traditional sources of electricity. As such, project impacts are anticipated to be less than significant. Nonetheless, the project's potential GHG impacts and the potential GHG offsets resulting from operation of the project will be examined in the EIR, with respect to the objectives of statewide programs to reduce GHGs associated with energy generation.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## IX. Hazards and Hazardous Materials

Would the project:

- |  |                                     |                          |                                     |                                     |
|--|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| c. Emit hazardous emissions or involve handling hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d. Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| e. For a project located within the adopted Kern County Airport Land Use Compatibility Plan, would the project result in a safety hazard or excessive noise for people residing or working in the project area?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| f. Impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| g. Expose people or structures, directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| h. Would implementation of the project generate vectors (flies, mosquitoes, rodents, etc.) or have a component that includes agricultural waste? Specifically, would the project exceed the following qualitative threshold:<br>The presence of domestic flies, mosquitoes, cockroaches, rodents, and/or any other vectors associated with the project is significant when the applicable enforcement agency determines that any of the vectors: |                                     |                          |                                     |                                     |



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
i. Occur as immature stages and adults in numbers considerably in excess of those found in the surrounding environment; and	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii. Are associated with design, layout, and management of project operations; and	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii. Disseminate widely from the property; and	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv. Cause detrimental effects on the public health or well-being of the majority of the surrounding population.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**RESPONSES:**

(a) During construction, the proposed project would include the transport of general construction materials (i.e., concrete, wood, metal, fuel, etc.) as well as materials necessary to construct the proposed PV arrays. Wastes to be generated during construction of the proposed project would also be non-hazardous, and would consist of cardboard, wood pallets, copper wire, scrap steel, common trash, and wood wire spools. Although field equipment used during construction activities could contain various hazardous materials (i.e., hydraulic oil, diesel fuel, grease, lubricants, solvents, adhesives, paints, etc.), these materials are not considered to be acutely hazardous and would be used in accordance with the manufacturers’ specifications and all applicable regulations. In addition, hazardous fuels and lubricants used on field equipment would be subject to a Construction Waste Management Plan and, if required, a Spill Prevention, Containment and Countermeasure Plan. Impacts resulting from the transport, use or disposal of hazardous materials during construction of the proposed project would be less than significant; however, the EIR will include an evaluation of potential hazardous materials impacts.

The fully operating project would not involve the routine transport, use, or disposal of hazardous materials as defined by the Hazardous Materials Transportation Uniform Safety Act. Impacts resulting from the transport, use or disposal of hazardous materials during operation of the proposed project would be less than significant; however, the EIR will include an evaluation of potential hazardous materials impacts.

Project-related infrastructure would not generate hazardous emissions or be constructed of acutely hazardous materials or substances that could adversely impact the public, the environment, or on-site workers. The proposed project would be subject to all local, state, and federal laws pertaining to the use of hazardous materials on-site and would be subject to review by the Kern County Environmental Health Services Division and California City’s Community Development Department. Through the review process, the project would be required to submit a complete list of all hazardous materials used on-site, how the materials would be transported, and in what form they would be used to maintain safety and prevent possible environmental contamination or worker exposure. During construction of the proposed project, Safety Data Sheets (SDS) for all applicable materials present at the site would be made readily available to on-site personnel.



The PV panels may include solid materials that are considered to be hazardous, such as cadmium telluride. The project would use the manufacturer's collection and recycling program to ensure the proper collection and recycling of PV panels, as needed. Solar panels are in a solid and non-leachable state; broken PV panels would not be a source of pollution to storm water. Dust palliative and herbicides, if used, may be transported to and stored at the project site. These materials would be stored in appropriate containers that would prevent their accidental release at the site.

SR 14 and SR 58 are designated routes for the transport of hazardous materials. These roadways are equipped to handle the transport of hazardous materials and both SR 14 and SR 58 would provide regional access to the project. Impacts resulting from the transport, use or disposal of hazardous materials during construction and operation of the proposed project are not expected to be significant; however, this will be evaluated further in the EIR.

- (b) Construction and operation of the proposed project may include the accidental release of storage materials, such as cleaning fluids and petroleum products including lubricants, fuels, and solvents. Electrical transformer equipment that would be installed as part of the proposed project may include various hazardous substances, including polychlorinated biphenyls. The toxicity and potential release of these materials would depend on the quantity, type of storage container, safety protocols used on the site, location and/or proximity to schools and residences, frequency and duration of spills or storage leaks, and the reactivity of hazardous substances with other materials. In addition, the proposed project will include an Energy Storage Systems (ESS). The ESS would be composed of battery storage modules placed in multiple prefabricated enclosures or containers near the on-site substation(s). Potential hazards associated with ESS include increased potential for electrical shock and chemical release associated with the batteries used.

The proposed project would be subject to all local, state, and federal laws pertaining to the use of hazardous materials onsite and would be subject to review by the Kern County Environmental Health Services Division and California City's Community Development Department. Through the review process, the project proponent would be required to submit a complete list of all materials used on-site, how the materials would be transported, and in what form they would be used. This would be recorded to maintain safety and prevent possible environmental contamination or worker exposure. This would include submission of SDS for all applicable materials present at the site, and the SDS would be made readily available to on-site personnel. It is anticipated that adherence to regulations and standard protocols during the storage, transportation, and usage of any hazardous materials would avoid significant impacts. Nonetheless, potential impacts will be evaluated in the EIR.

- (c) There are no existing or proposed schools located within one-quarter mile of the project site. The nearest schools in unincorporated Kern County are Mojave Elementary School and Mojave Jr/Sr High School, located east of the project site at 15800 and 15732 O Street, respectively, in the community of Mojave. Both schools are approximately 2.5 miles from the project site at the closest point. The closest school in California City is California City High School, at 8567 Raven Way in California City, is located approximately 6 miles northeast of the project site at the closest point. Furthermore, the fully functional solar project would not generate air emissions from any stationary sources, and occasional emissions from combustion engine powered maintenance machinery and automobile traffic from on-site workers would not result in hazardous emissions. Consequently, the project would not generate hazardous emissions or involve handling hazardous or acutely hazardous materials, substances or waste within one-quarter mile of an existing or proposed school. No impacts are anticipated; therefore, further analysis of this issue is not warranted in the EIR.



- (d) The project site is not identified in any of the California hazardous materials databases. Searches were completed for the subject parcels in the following hazardous materials lists: California Environmental Protection Agency's (CalEPA) Cortese List including the California Department of Toxic Substances and Control's EnviroStor (Envirostor 2020) database of hazardous substances release sites; and Geotracker, (Geotracker 2020) the California database of leaking underground storage tanks. Finally, as provided by CalEPA, there are no active Cease and Desist Orders or Clean Up and Abatement Orders for hazardous materials/facilities in the immediate project vicinity of the project site (CalEPA 2020). Therefore, no impacts are anticipated, and further analysis is not warranted in the EIR.
- (e) The western portion of the solar facility site and the proposed gen-tie line(s) are located within an area covered by the Kern County Airport Land Use Compatibility Plan (ALUCP) for the Mojave Air and Space Port. The Mojave Air and Space Port is located approximately two miles west of the project site. Specifically, the project site is located in "Compatibility Zone B2 – Extended Approach/Departure Zone" (Assessor Parcel No. (APN) 235-024-41, 235-351-01, 428-010-02, -10, -11, 428-041-02, -03, -04, -05, -38, 428-042-02, -03, -04, -35, 428-052-15, -17, 428-053-16, and -18) and "Compatibility Zone C – Common Traffic Pattern" (APN No. 235-024-41, 235-351-01, -02, -03, -04, 235-081-09, -10, 235-082-15, -16, -17, -18, -19, -24, -25, 235-065-04, -05, -07, -17, -18, 235-353-11, -21, -22).

According to Table 2A – Compatibility Criteria of the Kern County ALUCP, Compatibility Zone B2 is subject to significant risk and noise, and Compatibility Zone C is subject to limited risk and frequent noise intrusion. However, the proposed project does not involve the development of noise-sensitive uses (i.e., residences) that would be substantially affected by excessive airport noise. The project would not introduce new permanent residents to the project area. The nature of operation of the solar facilities is not known to result in any operational issues or safety hazards to aircraft that would be a safety hazard to people or expose people to excessive noise. The project would be required to comply with the County's ALUCP and applicable FAA regulations regarding project approval to ensure that there is no conflict with airport operations and no safety hazards are presented. Further analysis of this issue will be discussed in the EIR.

- (f) The project site is located in an area with several alternative access roads allowing access in the event of an emergency. As required by routine and standard construction specifications administered by Kern County and California City, emergency access would be maintained throughout construction, and appropriate detours would be provided in the event of potential road closures. Therefore, no significant impacts related to impairment of the implementation of or physical interference with an adopted emergency response plan or emergency evacuation plan would occur.

The small size of the operational work force would not generate significant traffic volumes during an emergency evacuation scenario that could complicate area-wide emergency evacuation efforts. Driveways built to connect to existing local roads for direct site access would not affect designated emergency evacuation routes, as these are small local streets and the driveways would not conflict with potential evacuation routes for surrounding land uses. Proposed amendments to the County General Plan and Mojave Specific Plan Circulation Elements to remove section and mid-section line road reservations would not affect any existing roadways or any existing or planned evacuation routes. California City will determine what section and mid-section line road reservations to be preserved and what ones will be removed during the CUP process (Sec. 9-2-2501 of the California



City Municipal Code). Although impacts are anticipated to be less than significant, further analysis of this issue will be discussed in the EIR.

- (g) According to the California Department of Forestry and Fire Protection (CalFire), Kern County Fire Hazards Severity Zone Maps for the Local Responsible Areas, the project site is classified as Local Responsibility Area (LRA) Moderate (CalFire 2020). Moderate zones are typically wildland supporting areas of low fire frequency and relatively modest fire behavior. The proposed project would comply with all applicable wildland fire management plans and policies established by CalFire, Kern County Fire Department, and California City Fire Department. Accordingly, the project is not expected to expose people or structures to a significant risk of loss, injury, or death involving wildland fires. Nonetheless, potential impacts involving wildfires will be discussed in the EIR--please refer to the responses to the Checklist topic concerning Wildfire, later in this Initial Study.
- (h) Project-related infrastructure is not expected to result in features or conditions that could potentially provide habitat for vectors such as mosquitoes, flies, cockroaches, or rodents. During construction and operation, workers would generate small quantities of solid waste (i.e., trash, food containers, etc.) that would be transported to and disposed of at approved disposal facilities. Project-related infrastructure is not expected to result in features or conditions (such as standing water, agricultural products, agricultural waste, or human waste) that would provide habitat for vectors such as mosquitoes, flies, cockroaches or rodents. Construction workers would generate only small quantities of solid waste (i.e. trash) that would be appropriately stored for permanent disposal offsite. Therefore, potential impacts would be negligible, and no further analysis is warranted.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
<b>X. Hydrology and Water Quality</b>				
Would the project:				
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i. result in substantial erosion or siltation on- or off-site;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv. impede or redirect flood flows?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. In flood hazard, tsunami, seiche zones, risk release of pollutants due to project inundation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**RESPONSES:**

- (a) The project site is within the Lahontan Regional Water Quality Control Board (RWQCB) jurisdiction. Project construction activities have the potential to result in erosion, sedimentation, and discharge of construction debris, and could result in the discharge of wastewater and urban runoff at the project site. If not properly managed, this wastewater could violate the water quality standards or



waste discharge requirements of the RWQCB, or otherwise degrade surface or ground water quality. It is anticipated that appropriate BMPs and compliance with applicable regulations, including the NPDES Construction General Permit, would reduce potential water quality impacts to a less than significant level. Soil stabilization measures would be used to prevent soil erosion caused by storm water runoff. The proposed project contractor(s) would apply for coverage under the state's General Construction Permit for stormwater discharges from construction activities and would prepare a SWPPP that would include implementation of BMP erosion-control measures to control stormwater runoff. Site-specific BMPs would be designed by the contractor in compliance with regulations and permit conditions. Potential water quality impacts resulting from the developed site conditions will require further analysis. No waste discharge permits are anticipated for this project. A comprehensive hydrology and water quality impact analysis will be included in the EIR. This issue will be further analyzed in the EIR.

- (b) During construction, potable water would be brought to the site for drinking and domestic needs (lavatories, sinks, general maintenance, etc.). Non-potable water usage during construction, primarily for dust-suppression purposes, is not expected to exceed 900 acre-feet over the 18-24 month construction phase. Water demand for panel washing and O&M domestic use is not expected to exceed 100 acre-feet per year. Water is anticipated to be obtained from on-site wells. If off-site water is used, it would likely be obtained from a nearby well or from a commercial source(s). A water supply assessment will be completed for the project to analyze potential impacts to groundwater. These impacts will be addressed further in the EIR.
- (c)(i) Construction of the concrete pads for the switchyard, inverters, transformers, O&M building(s), etc., as well as foundational supports for panel installation, soil compaction, and any grading may alter the existing drainage pattern of the project site. At this preliminary stage of site design, the extent of on-site stormwater management facilities, such as detention ponds, has not yet been determined. This will be determined through further a hydrologic study, which will be prepared for the project in accordance with Kern County and California City requirements. Potentially significant impacts to existing drainage patterns and flooding conditions on the project site will be analyzed in the EIR.
- (c)(ii) Construction and operational activities associated with the proposed project could result in an increase in the rate or amount of surface runoff and may potentially affect flooding conditions. A hydrologic study will be prepared for the project in accordance with Kern County and California City requirements, and potentially significant impacts will be analyzed in the EIR.
- (c)(iii) During construction and following installation of the solar arrays, the vast majority of the site would remain as pervious surfaces. The design of the solar arrays is such that storm water infiltration would occur similar to existing conditions. There would be new impervious surfaces and compacted areas that could potentially increase the rate and amount of site runoff, and alter the composition of site runoff, compared to existing conditions; however, the project would not discharge any runoff into a municipal storm drainage facility or system. Further analysis of the project's proposed storm drainage improvements and change in surface hydrology is required in the EIR, to determine whether changes in site runoff in the developed condition could result in a substantial source of polluted runoff that is not properly managed. Potential impacts will be further discussed in the EIR.
- (c)(iv) Based on a review of the FEMA's Flood Insurance Rate Maps, portions of the solar facility site and gen-tie line are mapped in 100-year (Zone A) floodplains. Zone A is defined as areas subject to inundation by the 1-percent-annual-chance flood event generally determined using approximate



methodologies. Portions of the project site are designated by the Kern County General Plan as Map Code 2.5 (Flood Hazard Overlay). Map Code 2.5 identifies areas located within Special Flood Hazard Areas (Zone A). The proposed project would be reviewed by the Kern County Public Works Department and California City Building and Safety Department for adherence to all floodplain management standards. Further analysis is required to identify appropriate mitigation/design measures to reduce potentially significant impacts from potential flooding and additional review will be provided in the EIR.

- (d) The project is not located near an ocean or enclosed body of water, and therefore would not be subject to inundation by seiche or tsunami. Mudflows are a type of mass wasting or landslide, where earth and surface materials are rapidly transported downhill under the force of gravity, and are often triggered by heavy rainfall and soil that is not able to sufficiently drain or absorb water and the super-saturation results in soil and rock materials to become unstable and slide away. Due to the relatively flat topography of the project and surrounding area, the potential to be inundated by mudflow is considered remote.

Portions of the project site are designated by the Kern County General Plan as Map Code 2.5 (Flood Hazard Overlay). The project would be reviewed by the Kern County Public Works Department and California City Building and Safety Department for adherence to all applicable floodplain management standards. Further analysis is required in the EIR.

- (e) Water for the proposed project is anticipated to be obtained from on-site wells. If off-site water is trucked in, it would likely be obtained from a nearby well or from a commercial source. A small water treatment system with a footprint of up to 30 feet by 30 feet may be installed to provide deionized water for panel washing.

The project site largely overlies the Fremont Valley Groundwater Basin in the southeastern portion of unincorporated Kern County, straddling SR 58 east of Mojave and just west and south of the Hyundai-Kia Proving Ground. Due to this location, the project may use groundwater from the Fremont Valley Groundwater Basin. Additionally, the project may use imported surface water purchased from a SWP wholesale contractor via a local retailer such as the California City Water Department (CCWD). California City also overlies the Fremont Valley Groundwater Basin and receives its water supply via the CCWD, which provides imported State Water Project water purchased from the Antelope Valley-East Kern Water Agency (AVEK) and locally produced groundwater resources from the Fremont Valley Groundwater Basin.

Supplies within the Fremont Valley Groundwater Basin are managed through implementation of an Integrated Regional Water Management Plan and Groundwater Management Plan, as well as ultimately a Groundwater Sustainability Plan, while supplies provided via AVEK are managed per an Urban Water Management Plan.

A water supply assessment will be completed for the project to analyze potential impacts related to conflicts with applicable groundwater management plans. Further analysis will be done regarding compliance with the RWQCB Basin Plan. This impact will be further analyzed in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## XI. Land Use and Planning

Would the project:

- |  |                                     |                          |                          |                                     |
|--|-------------------------------------|--------------------------|--------------------------|-------------------------------------|
| a. Physically divide an established community?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation for the purpose of avoiding or mitigating an environmental effect? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

### RESPONSES:

- (a) The project site is located on undeveloped desert land. As shown on **Figure 3, Project Boundaries**, the proposed project is located on undeveloped land in Kern County and California City. The project site is distanced from any surrounding communities or development. The nearest sensitive receptors are residences located approximately 1.2 miles southwest of the project site, near the community of Sanborn. The nearest receptors in California City are residences located approximately 2.9 miles from the eastern-most project parcel. No new roadways or other linear elements are proposed that would have the potential to restrict existing access or movement within or otherwise physically divide the Fremont community or within California City. Further assessment of this issue, therefore, is not required.
- (b) The project site consists of 90 parcels located in unincorporated Kern County and California City. The project includes 82 parcels within the unincorporated Kern County and 8 parcels within California City.

As shown on **Figure 5, Existing General Plan and Mojave Specific Plan Designations -- Kern County**, the project parcels located in unincorporated Kern County area designated by the Kern County General Plan as 8.5 (Resource Management, minimum 20 acre parcel size), and 8.5/2.5 (Resource Management, minimum 20 acre parcel size/ Flood Hazard) and by the Mojave Specific Plan as Map Code 7.1 (Light Industrial) and 7.3 (Heavy Industrial). As shown on **Figure 8, Existing Zoning Classifications-- Kern County**, the project parcels located in unincorporated Kern County have a zone classification of A (Exclusive Agriculture), A-1 (Limited Agriculture), A-1 MH (Limited Agriculture, Mobile Home Combining), M-2 PD (Medium Industrial, Precise Development Combining), and M-3 PD (Heavy Industrial, Precise Development Combining). One parcel (parcel with APN 235-024-14) within the project site has the existing Kern County General Plan Map Code 1.1, State or Federal Land; however, the property is privately-owned. The property map code will be changed to 8.5, Resource Management, as part of the proposed project action. Refer to **Figure 6, Proposed General Plan Designation – Kern County**.

As shown on **Figure 7, Existing General Plan Designations -- California City**, the project parcels located in California City are designated by the General Plan as O/RA (Controlled Development & Open Space). As shown on **Figure 9, Existing Zoning Classifications – California City**, the project



parcels located in California City have a zone classification of O/RA (Open Space/Residential Agricultural).

The project proponent has requested a change in County zone classifications from A-1, A-1 MH and M-2 PD to A, and M-1 PD; refer to **Figure 10**, *Proposed Zoning Classifications – Kern County*. According to Kern County Zoning Ordinance Sections 19.12.030G, 19.36.030G and 19.40.030G, solar energy electrical facilities are permitted within the A, M-1 PD, and M-3PD Zone Districts respectively, with the approval of a CUP. The project proponent is requesting a CUP to allow for the construction and operation of a solar facility and battery energy storage system. With approval of the zone change classification and CUP, the proposed solar project would be an allowable use within the A Zone District.

The project proponent is requesting a General Plan Amendment to amend the Circulation Elements of the Kern County General Plan and Mojave Specific Plan to remove various section and midsection road reservations and change the Kern County General Plan Land Use Designation from Map Code 1.1 (State or Federal Land) to 8.5 (Resource Management) for approximately 82.19 acres of the project area; refer to **Figure 6**, *Proposed General Plan Designation – Kern County*. The project proponent is also requesting a CUP from California City to allow for the construction and operation of a solar facility in the O/RA zone.

With approval of the requested CUPs, zone change classifications, General Plan Amendment, and Specific Plan Amendment, the proposed project would not have the potential to conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect. At the end of the project's operational term, the project proponent would determine whether the project site should be decommissioned and deconstructed or if it would seek an extension of its CUPs. If any portion of the project site is decommissioned, it would be converted to other uses in accordance with the applicable land use regulations in effect at that time. Further assessment will be provided in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## XII. Mineral Resources

Would the project:

- |  |                          |                          |                          |                                     |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

### RESPONSES:

- (a) The project site is not designated as a mineral recovery area by the Kern County General Plan, nor is it identified as a mineral resource zone by CalGEM (DOC 1999). Furthermore, according to the Open Space and Conservation Element of the California City General Plan, there are no mineral resources within the California City General Planning Area. Construction and operation of the proposed project would not interfere with mineral extraction and processing and would not have significant impacts on future mineral development. Therefore, there would be no impact and no further analysis is warranted in the EIR.
- (b) As mentioned previously, the project site is not located within a designated mineral and petroleum resource site within the Kern County General Plan. The project site is not located within the NR (Natural Resources) or PE (Petroleum Extraction) zoned districts. Furthermore, there are no mineral resources within the California City General Planning Area. Therefore, the installation of the solar facilities would not preclude future mineral resource development nor would it result in the loss of a locally important mineral resource recover site. There would be no impact and no further analysis is warranted in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
<b>XIII. Noise</b>				
Would the project result in:				
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in a local general plan or noise ordinance or applicable standards of other agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Generation of excessive groundborne vibration or groundborne noise levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. For a project located within the vicinity of a private airstrip or Kern County Airport Land Use Compatibility Plan, would the project expose people residing or working in the project area to excessive noise levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**RESPONSES:**

- (a) Land uses determined to be “sensitive” to noise as defined by the Kern County General Plan include residential areas, schools, convalescent and acute care hospitals, parks and recreational areas, and churches. The Kern County General Plan Noise Element sets a 65 dBA (A-weighted decibels) DayNight noise level (Ldn) limit on exterior noise levels for stationary sources (i.e., non-transportation) at sensitive receptors. California City limit on exterior noise levels is 50 dBA Leq, where Leq refers to single steady A-weighted noise level equivalent to the same amount of energy as that contained in the actual fluctuating levels over time. Leq is typically summed over a one-hour period, from 7:00 a.m. to 10:00 p.m. and 45 dBA Leq from 10:00 p.m. to 7:00 a.m. for residential uses. Additionally, the Noise Element of the Mojave Specific Plan utilizes the adopted Kern County noise level standard of 65 dBA for exterior noise levels and 45 dBA for interior noise levels.

The nearest sensitive receptors are several isolated residences located approximately 1.2 miles south of the southwestern most project parcel (near the unincorporated community of Sanborn). The nearest sensitive receptors in Mojave are residences approximately 2.5 miles from the western-most project parcel and the nearest receptors in California City are residences approximately 2.9 miles from the eastern-most project parcel.

Noise associated with construction of the proposed project has the potential to affect nearby sensitive receptors. No substantial noise-generating equipment would be located at the project site during operations. Noise generated by the proposed project would occur primarily during the construction



phase; whereas as the long-term operation of the solar facility would be relatively quiet. No substantial noise-generating equipment would be located at the project site during operations and there would be minor traffic generating by on-site employees, who would work mainly indoors, within the O & M building. There would be periodic noise from routine outdoor maintenance activities and minor traffic from workers arriving/departing the site. The project proponent would be required to adhere to the provisions outlined in the Noise Control Ordinance in the Kern County Ordinance Code Section 8.36.020, General Plan Noise Element, and California City's Municipal Code. Potential noise impacts during project construction or operations will be further analyzed in the EIR.

- (b) Ground borne vibration and ground borne noise could originate from the operation of heavy off-road equipment during the construction phase of the project. Erection of the solar arrays would include support structures that may potentially need to be driven into the soil using pneumatic techniques. The project would be expected to comply with all applicable requirements for long-term operation, as well as with measures to reduce excessive groundborne vibration and noise to ensure that the project would not expose persons or structures to excessive groundborne vibration. Further analysis of groundborne vibration and groundborne noise will be included in the EIR. The EIR will analyze whether the proposed project would generate ground borne vibration above established thresholds.

Operation of the proposed project is anticipated to emit minimal groundborne vibration and/or noise because operation activities primarily consist of low intensity activities such as routine maintenance, panel washing, and security patrols. The project would not include any activities or machinery that would induce ground vibrations or noise. Nonetheless, further analysis of groundborne vibration and groundborne noise during project operations will be included in the EIR. The analysis will address both Kern County and City of California City thresholds.

- (c) Heavy equipment use during construction would cause a temporary or periodic increase in ambient noise levels. Temporary or periodic increases in ambient noise levels caused by construction activities could be reduced with the incorporation of mitigation measures. Project-related construction noise levels will be quantified and evaluated in the EIR.

Operation of the project would generate very little noise. The solar facility would use limited staff during operation. Traffic on the access road for the solar facility would be routine access and maintenance activities and would primarily consist of personal vehicles. Nevertheless, a noise analysis will be included in the EIR to determine the project's consistency with the applicable provisions of the Kern County General Plan Noise Element and Kern County Zoning Ordinance, Mojave Specific Plan, and Article 4, Noise and Vibration, of California City's Municipal Code. Thus, further analysis of ambient noise levels and the project's potential impact on those levels will be included in the EIR.

- (d) The western portion of the solar facility site and the proposed gen-tie line(s) are located within an area covered by the Kern County ALUCP for the Mojave Air and Space Port, as shown on **Figure 12, ALUCP Designations**. The Mojave Air and Space Port is located approximately two miles west of the project site. Specifically, the project site is located in "Compatibility Zone B2 – Extended Approach/Departure Zone" (Assessor Parcel No. (APN) 235-024-41, 235-351-01, 428-010-02, -10, -11, 428-041-02, -03, -04, -05, -38, 428-042-02, -03, -04, -35, 428-052-15, -17, 428-053-16, and -18) and "Compatibility Zone C – Common Traffic Pattern" (APN No. 235-024-41, 235-351-01, -02, -03, -04, 235-081-09, -10, 235-082-15, -16, -17, -18, -19, -24, -25, 235-065-04, -05, -07, -17, -18,



235-353-11, -21, -22). According to Table 2A – Compatibility Criteria of the Kern County ALUCP, Compatibility Zone B2 is subject to significant noise levels and Compatibility Zone C is subject to frequent noise intrusion. Noise from occasional aircraft flyovers would not have a significant effect on the small workforce on-site, who would normally be working indoors, except when outdoor maintenance or repair activities are required. The proposed solar project would not generate any impacts that could worsen the levels of aircraft noise. However, further analysis of this issue will be provided in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## XIV. Population and Housing

Would the project:

- |   |                          |                          |                          |                                     |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

### RESPONSES:

- (a) Although the proposed project would provide new employment consistent with the adopted Kern County General Plan, California City General Plan, and Mojave Specific Plan goals, plans, and policies, long-term employment opportunities would be minimal.

It is estimated that up to 1,000 workers per day (during peak construction periods) would be required during construction of the proposed project. The entire construction process is estimated to take 18 to 24 months. Construction workers are expected to travel to the site from various local communities and locations throughout Southern California, and the number of workers expected to relocate to the surrounding area is not expected to be substantial. If temporary housing should be necessary, it is expected that accommodations would be available in the nearby communities of Mojave, California City, Rosamond, Tehachapi, or Lancaster. Therefore, the project is not anticipated to directly or indirectly induce the development of any new housing or businesses. During the operational phase, the project would have up to 20 full-time equivalent (FTE) personnel, who would commute to the site. Due to the small number of full-time employees, it is anticipated that the local housing stock would be adequate to accommodate operations personnel should they relocate to the area, without requiring the need for the construction of new housing. The project would not directly or indirectly induce substantial unplanned population growth and further analysis in the EIR is not warranted.

- (b) The project site is currently undeveloped and does not contain any existing housing. The proposed project would therefore not displace any existing people or housing, necessitating the construction of replacement housing elsewhere. No further evaluation of this topic is required in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## XV. Public Services

Would the project:

- a. Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or to other performance objectives for any of the public services:

i.	Fire protection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii.	Police protection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii.	Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv.	Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
v.	Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### RESPONSES:

(a)(i) **Fire Protection.** The Kern County Fire Department and California City Fire Department provides fire suppression and emergency medical services to the project area. The portion of the project site located within unincorporated Kern County would be served by Station #14 located at 1773-1999 Mojave-Barstow Highway in Mojave. The portion of the project site located within California City would be served by Station #85, located at 20890 Hacienda Boulevard in California City. Given the location of the project in the rural environment and the fire departments' obligation to respond to construction site or structural fires in their jurisdiction, the project may have the potential to affect fire-fighting capacity, which might result in a need for additional firefighting personnel and facilities in the area. Therefore, the potential impact on fire services from construction and operation of the project is considered potentially significant and will be evaluated in the EIR.

(a)(ii) **Police Protection.** Law enforcement and public safety services in the project area are provided by the Kern County Sheriff's Department and California City Police Department. The portion of the project site located within unincorporated Kern County would be served by the Kern County Sheriff's Department - Mojave Substation located at 1771 Highway 58. The portion of the project site located within California City would be served by the station located at 21130 Hacienda Boulevard. The proposed project may attract vandals or other security risks, and construction activities could result in increases in traffic volumes along surrounding roads. On-site security would be provided and access would be limited to the areas surrounding the project site during construction and operation,



thereby minimizing the need for police surveillance. Nonetheless, the proposed project's impacts on sheriff services are potentially significant and will be evaluated in the EIR.

- (a)(iii) **Schools.** During project construction, a relatively large number of construction workers would be required. It is expected that most of these workers would live in the broader region and commute to the project site from surrounding communities where their children are already enrolled in school and where their contribution to local taxes, including funds for schools, is assessed locally. The proposed project would not require employees or their children to relocate to the project area. Therefore, substantial temporary increases in population that would adversely affect local school populations are not expected. Likewise, the operational workforce is small (approximately 20 full-time positions) and not expected to generate a permanent increase in population that would impact school populations. Therefore, no significant impacts to schools are anticipated to occur and further analysis is not warranted in the EIR.
- (a)(iv) **Parks.** The population increase that would be experienced during the construction phase of the proposed project would be temporary and limited to construction workers at the project site and would not result in additional demand for parks or other recreational facilities. The up to 20 full-time workers would not result in construction of numerous new housing units that could significantly increase the local population and related demand for public parkland. Therefore, no significant impacts to parks are anticipated to occur, and further analysis of this issue is not warranted in the EIR.
- (a)(v) **Other Public Facilities.** Implementation of the proposed project may have impacts on the ability of the county to provide adequate county-wide comprehensive public facility services. Unlike other businesses in California, large scale solar has an exclusion from property taxes on their equipment. This property tax exclusion results in the project not providing the revenue needed to provide services and facilities for both the project and the communities that prevent decline of the physical neighborhoods in unincorporated Kern County. This is a direct impact from the project structure and the land if built with another type of land use would produce property tax revenue to provide necessary services and facilities and prevent physical decline of homes and businesses due to vacancy and inability for response for all services, including code enforcement to law enforcement, fire, roads and health and safety issues such as elderly care and child protection services. The cumulative impacts of this active solar tax exclusion over the life of the over 36,000 acres of projects has resulted in a loss to the General Fund over the last 10 years of over \$103 million and deepened the on-going fiscal emergency of the county. Public policies in the Kern County General Plan and Mojave Specific Plan require development to address economic deficiencies in public services and facilities costs. Therefore, the proposed project's impacts on public facilities are potentially significant and will be evaluated in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## XVI. Recreation

Would the project:

- |  |                          |                          |                          |                                     |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a. Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

### RESPONSES:

- (a) It is estimated that up to 1,000 workers per day (during peak construction periods) would be required during construction of the proposed project. These workers would not have time to visit any local parks or recreation facilities during the workday. Further, few workers are expected to relocate to this area temporarily while the construction is underway and there would be little or no impact on local recreational resources after work hours.

Operation of the project would require employees for maintenance and monitoring activities, but they would likely be drawn from the local or sub-regional labor force and would commute from their existing permanent residences to the project site during those times. However, even if the maintenance/monitoring employees were hired from out of the area and relocated to eastern Kern County, the resulting addition of families to this area would be small in number and would not result in a substantial increase in the number of users at local parks. As a result, there would not be a detectable increase in the use of parks or other recreational facilities. Impacts would not occur, and further analysis is not warranted in the EIR.

- (b) The proposed project does not include or require the construction of new or expansion of existing recreational facilities, and there are no recreational facilities on the project site that would be affected. No impact would result and no further analysis in the EIR is warranted.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## XVII. Transportation and Traffic

Would the project:

a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Conflict or be inconsistent with CEQA Guidelines Section 15064.3 subdivision (b)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### RESPONSES:

- (a) The project proponent is requesting a General Plan Amendment to amend the Circulation Element of the Kern County General Plan and a Specific Plan Amendment to the Circulation Element of the Mojave Specific Plan to remove sections and midsection line road reservations; refer to Figure 14, *Future Road Reservations to be Deleted*. In addition, the project proponent has requested to remove the future section and mid-section lines for the portion of the project within the City of California City’s jurisdiction (**Figure 14**, Future Road Reservations to be Deleted). The City will determine during the CUP process (Sec. 9-2-2501 of the California City Municipal Code) what section lines will be required to be preserved and what ones will be removed (California City 2015). This would have no effect on the performance of the existing roadway network, since there are no existing roadways along any of these sections and midsection line road reservations.

There are no dedicated pedestrian or bicycle facilities in the immediate vicinity of the project site or along the surrounding roadways. Due to the rural nature of the project area, pedestrian and bicycle traffic is limited. The project is not located along an existing bus route and few bus stops exist on the roadways likely to be used during construction and operation. The project would not house residents or employees, and therefore, would not have characteristics that would influence alternative means of transportation. Therefore, impacts in this regard would be less than significant.

It is estimated that up to 1,000 workers per day (during peak construction periods) would be required during the construction of the proposed project. An undetermined volume of large truck trips would also be generated, with varying numbers depending on the phase of construction. Further analysis in the EIR is required to determine whether construction traffic could disrupt normal traffic flows or otherwise conflict with the County’s roadway performance policies and programs.



Once constructed, the solar facility would have up to 20 full-time employees, with daylight and overnight shifts. This equates to approximately 50 trips per day for the full facility based on an average trip rate of 2.5 trips per employee. It is anticipated that employees would drive themselves to/from the project site on a daily basis using local roadways that can accommodate such vehicle traffic. Ongoing maintenance and periodic repair are also anticipated to produce negligible results in terms of traffic impact. These potential impacts on the local roadway system from construction related vehicle trips and project's operational traffic on the area roadway system will be further evaluated in the EIR.

- (b) CEQA Guidelines section 15064.3, subdivision (b) was adopted in December 2018 by the California Natural Resources Agency. These revisions to the CEQA Guidelines criteria for determining the significance of transportation impacts are primarily focused on projects within transit priority areas, and shifts the focus from driver delay to reduction of vehicular greenhouse gas emissions through creation of multimodal networks, and creation of a mix of land uses that can facilitate fewer and shorter vehicle trips. Vehicle miles traveled (VMT) is a measure of the total number of miles driven for various purposes and is sometimes expressed as an average per trip or per person. Construction traffic would be temporary and would not permanently affect VMT characteristics in this part of Kern County or elsewhere. Long-term, operational traffic would be limited, with a small work force of approximately 20 full-time equivalent employees, translating into approximately 50 trips per day. It is not known where the employees would live or how long their commuting trips would be. According to technical guidance issued by the Office of Planning and Research, projects generating less than 110 or fewer daily vehicle trips may be presumed to have a less than significant impact involving VMT. Further analysis of the operational VMT characteristics of the project is required to determine whether the project is considered a "low-VMT" project due to small daily traffic volumes alone, or whether more extensive analysis is warranted. An assessment of the project's VMT characteristics will be provided in the EIR.
- (c) The project proposes access from existing roads that currently provide access to the various parcels affected. During construction, especially during peak periods of heavy truck traffic and peak levels of construction workers, there is a potential for conflicts between construction traffic and normal traffic flows, especially at intersections where queuing could occur.

Beyond driveway and related access improvements, no off-site roadway improvements are required for the solar PV fields or for access along the gen-tie line. Proposed driveway connections to existing roadways are being evaluated and will be identified in the EIR. No new roadway design or features (i.e., sharp curves, dangerous intersections, or other hazardous features) would be required that could result in transportation-related hazards or safety concerns. All new driveways connecting to existing adjacent streets must be designed in accordance with the County and City street standards that assure safe ingress/egress. The project buildings and other structures would be set back from adjacent access roadways as required by the Kern County and California City Zoning Ordinance. Although impacts in this regard are anticipated to be less than significant, such conditions will be further analyzed in the EIR.

- (d) The project site and vicinity are accessible via a number of existing roads, with alternative access roads allowing convenient access in the event of an emergency. Emergency vehicle access must be maintained at all times throughout construction activities, in accordance with the County's and City's routine/standard construction specifications. County and City building inspectors would conduct periodic site inspections to confirm there are adequate provisions in place to maintain emergency



access for fire, emergency medical and Sheriff response units. Further, construction activities would not be permitted to impede emergency access to any local roadways or surrounding properties.

Operations of the project would not adversely affect emergency access as the number of daily trips would have a minimal effect on traffic volumes and overrides of project site access gates for emergency access to the facility would be installed. Although no significant impacts related to emergency access are anticipated to occur, further analysis of this issue will be provided in the EIR.



Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
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## XVIII. Tribal Cultural Resources

Would the project:

a. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register or historical resources as defined in Public Resources Code section 5020.1(k), or	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii. A resource determined by the lead agency in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### RESPONSES:

(a)(i) and (a)(ii) The proposed project has the potential to impact presently unknown surface or subsurface tribal cultural resources during site clearance and earthmoving activities. A cultural survey will be conducted for the proposed project, which might identify indications of potential tribal cultural resources. All tribes with possible cultural affiliation and interest within the project area were notified pursuant to Assembly Bill 52 and consultation with the potentially affected tribes will occur, as appropriate, between the County, the City and the tribes. Further evaluation in the EIR is warranted to identify potential impacts to tribal cultural resources and to formulate avoidance or mitigation measures, if applicable.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
<b>XIX. Utilities and Service Systems</b>				
Would the project:				
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**RESPONSES:**

(a) **Wastewater Facilities.** The project would generate a minimal volume of wastewater during construction. During construction activities, wastewater would be contained within portable toilet facilities and disposed of at an approved site. During operations, wastewater generated by the project would be disposed on-site by septic system associated with any O&M facilities. Soil suitability for a septic tank leach field and any related environmental impacts will be addressed in the response to the topic of Geology and Soils, threshold e). The proposed project would not require or result in the relocation or construction of new or expanded municipal wastewater facilities. Nonetheless, further analysis of impacts to wastewater facilities will be provided in the EIR.

**Storm Water Facilities.** The proposed project does not require expanded or new storm drainage facilities because the proposed solar facility would not generate a significant increase in the amount of impervious surfaces that would increase runoff during storm events. Water from solar panel washing would continue to percolate through the ground, as a majority of the surfaces within the



project site would remain pervious. Any storm drainage/detention facilities that may be required would be minor in scale and located within the project site. Potential impacts from such facilities will be addressed in the response to the topic of Hydrology and Water Quality, threshold c). Impacts are anticipated to be less than significant; however, further analysis in the EIR will be provided.

**Water Facilities.** The proposed project is not anticipated to result in a significant increase in water demand/use; however, water will be needed for solar panel washing and dust suppression. Water is anticipated to be obtained from on-site wells, which might require installation of a water treatment system. No municipal water supply or distribution infrastructure would be built or impacted. Potential impacts to groundwater resources resulting from on-site well production will be addressed in the response to the topic of Hydrology and Water Quality, threshold b). Alternatively, water may be obtained from one or more off-site source(s) and delivered to the project site via truck. If off-site water is trucked in, it would likely be obtained from a nearby well or from a commercial source. In that case, there would be no impact involving construction or relocation of any water infrastructure. Impacts would be potentially significant and further analysis in the EIR is warranted.

**Power, Natural Gas, and Telecommunication Facilities.** The proposed project would involve construction of a PV solar facility that would generate electrical energy that would be transmitted via new overhead or underground lines to the regional electrical energy supply grid. Analyses of various environmental effects associated with construction and operation of these facilities will be provided throughout the EIR, with respect to numerous topics. There may be on-site telecommunications facilities to facilitate collection and transmission of meteorological data and data regarding performance of the solar arrays. Impacts associated with construction of the telecommunications and transmission line facilities will be evaluated in the EIR. The proposed project would not use natural gas. The proposed project would not otherwise generate the demand for or require or result in the relocation or construction of new or expanded electric power, natural gas, or telecommunications facilities that would in turn, result in a significant impact to the environment. Impacts are considered to be less than significant; however, further analysis in the EIR will be provided.

- (b) Water usage during construction, primarily for dust-suppression purposes, is not expected to exceed 900 acre-feet over the 18-24 month construction phase. During construction, potable water would be provided for drinking and domestic needs for construction workers. Water demand for panel washing and O&M domestic use is not expected to exceed 100 acre-feet per year. Water is anticipated to be obtained from on-site wells. If off-site water is trucked in, it would likely be obtained from a nearby well or from a commercial source. A water supply assessment will be completed for the project to analyze potential impacts to water supplies. This potentially significant impact will be addressed further in the EIR.
- (c) As stated above, portable toilets would provide for wastewater disposal during project construction and no connection to a public system for wastewater treatment would be required. Due to the limited number of employees for project operations, the project would not generate a substantial amount of wastewater. The proposed project would include construction of an on-site septic system to serve each of the O&M facilities. All wastewater disposal for project operations would be handled on-site. Therefore, the project would not adversely affect any existing wastewater treatment facilities. Impacts would be less than significant and further analysis of this issue is not warranted in the EIR.
- (d) The proposed project is not expected to generate a significant amount of waste that would exceed the capacity of local landfills. Materials brought to the project site would be used to construct facilities,



and few residual materials are expected. Non-hazardous construction refuse and solid waste would be either collected and recycled per the Construction Waste Management Plan or disposed of at a local Class III landfill, while any hazardous waste generated during construction would be disposed of at an approved off-site location. The closest Class III municipal landfill is the Mojave-Rosamond Sanitary Landfill, which is located approximately 2.5 miles from the project site. As of 2013, the Mojave Rosamond Recycling and Sanitary Landfill has a remaining capacity of 76,310,297 cubic yards, with an anticipated closure date of 2123 (CalRecycle 2020). Although it is not anticipated that the amount of solid waste generated by the proposed project would exceed the capacity of local landfills needed to accommodate the waste, further analysis of this issue will be included in the EIR to ensure the project meets state and local waste reduction goals.

- (e) The proposed project would generate solid waste during construction, operation, and decommissioning, thus requiring the consideration of waste reduction and recycling measures. The 1989 California Integrated Waste Management Act (AB 939) requires Kern County to attain specific waste diversion goals. In addition, the California Solid Waste Reuse and Recycling Access Act of 1991, as amended, requires expanded or new development projects to incorporate storage areas for recycling bins into the proposed project design. The proposed project would be required to comply with the 1989 California Integrated Waste Management Act and the 1991 California Solid Waste Reuse and Recycling Access Act of 1991. Further analysis of the pertinent solid waste reduction and management regulations applicable to this project will be included in the EIR.



	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
<b>XX. Wildfire</b>				
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**RESPONSES:**

- (a) According to the Fire Hazard Severity Zones map published by the California Department of Forestry and Fire Protection (CalFire), the project site is not located within or near state responsibility areas or lands classified as very high fire hazard severity zones (VHFSZ). The nearest VHFSZ is located more than three miles away from the project site (CalFire 2020). The project site is classified as Local Responsibility Area (LRA) Moderate; thus, the potential for wildfire on the project site exists, but is not considered high and is not anticipated to physically impede the existing emergency response plans, emergency vehicle access, or emergency personnel access to the site (CalFire 2007). The project site is not identified for any purpose in an adopted emergency evacuation plan to address wildfires or other types of emergencies (Kern County 2012b). The project site is not located along an identified emergency evacuation route and roads reservations proposed to be abandoned are not identified in any adopted emergency evacuation plan pertaining to wildfire hazards. There are multiple existing local roadways adjacent to the project sites that lead to primary emergency evacuation routes, such as SR 58. In compliance with applicable Fire Code and Building Code requirements, construction and maintenance/operations managers and personnel would be trained in fire prevention and emergency response. Fire suppression equipment specific to construction would be maintained on the project site. Additionally, project construction and maintenance/operations would comply with applicable existing codes and ordinances related to the maintenance of mechanical equipment, handling and storage of flammable materials, and cleanup of spills of



flammable materials. Therefore, the project would not conflict with the implementation of, or physical interference with, an adopted emergency response plan or emergency evacuation plan and impacts would be less than significant. Nevertheless, further analysis will be conducted in the EIR.

- (b) Slope and wind can influence the rate at which wildfire spreads. Given the project site's generally flat topography, the proposed project is not anticipated to expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire due to sloping topography. Further analysis of prevailing winds is required to determine if there are periodic high winds that could influence the spreading and velocity of wildfires. Adherence to applicable regulations would reduce wildfire ignitions and prevent the spread of wildfires. The project proponent/operator would be required to develop and implement a Fire Safety Plan that contains notification procedures and emergency fire precautions consistent with the 2019 California Fire Code and Kern County Fire Code for use during construction, operation and decommissioning. However, as the project would have the potential to expose occupants (i.e., at the O&M facilities) to pollutant concentrations from a wildfire or the uncontrolled spread of wildfire due to prevailing winds or other factors, further analysis will be conducted in the EIR.
- (c) The proposed project involves the development of a solar energy generation and energy storage facility. The proposed project would include the construction of power transmission lines, inverters, roads, and an energy storage facility. The project site would be graded and vegetation would be removed as necessary which would reduce ignition sources. Due to the presence of electrical equipment and battery storage on site, the proposed project has the potential to exacerbate wildfire risk and will be further evaluated in the EIR.
- (d) The project site is not considered to be a high risk area for landslides as it is relatively flat and is not anticipated to be subject to post-fire slope instability, or drainage changes that would expose people or structures to significant risks; therefore no further analysis will be conducted in the EIR.



	<b>Potentially Significant Impact</b>	<b>Less than Significant with Mitigation Incorporated</b>	<b>Less-than Significant Impact</b>	<b>No Impact</b>
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## XXI. Mandatory Findings of Significance

- |    |  |                                     |                          |                          |                          |
|----|--|-------------------------------------|--------------------------|--------------------------|--------------------------|
| a. | Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. | Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. | Does the project have environmental effects that would cause substantial adverse effects on human beings, either directly or indirectly?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

### RESPONSES:

- (a) The EIR’s biological, cultural, and tribal cultural resources sections will discuss specific project impacts on plants and wildlife including avian species and impacts to cultural and tribal cultural resources. The document will also evaluate the project’s contribution to cumulative biological, cultural and tribal cultural resources impacts and propose mitigation that will reduce the impacts to less than significant levels, where feasible.
- (b) The project has the potential to contribute to cumulatively considerable construction impacts involving noise, air emissions, and traffic, if other planned/approved solar projects in the vicinity are under construction at the same time. The project could also contribute to cumulatively considerable permanent impacts involving aesthetics, air quality, biological resources, cultural resources, tribal cultural resources, greenhouse gas emissions, traffic, and wildfire. The EIR will evaluate the project’s contribution to cumulative impacts in these and possibly other areas.
- (c) The proposed project would not result in the long-term generation of any hazardous air emissions or noise sources that would adversely affect nearby sensitive receptors. The solar project would not include any kinds of industrial processes or equipment that would generate hazardous substances or



wastes that would threaten the well-being of people on or off-site. However, short-term construction activities could result in temporary increases in pollutant concentrations and potentially significant off-site noise impacts. Pollutants of primary concern commonly associated with construction-related activities include toxic air contaminants, gaseous emissions of criteria pollutants, and fugitive dust. Within the project area, the potential for increased occurrences of Valley Fever and exacerbated health issues related to COVID-19 is also of concern. Human health impacts from the short-term cumulative contribution to air quality impacts from project construction will be further evaluated in the EIR.



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