Tessera Solar™
power from stirling energy systems

DOCKET 08-AFC-13	
DATE	AUG 12 2010
RECD.	AUG 12 2010

August 12, 2010

Mr. Christopher Meyer
CEC Project Manager
Attn: Docket No. 08-AFC-13
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

RE: Calico Solar (formerly Solar One) Project (08-AFC-13)
Applicant's Phase 1a Information

Dear Mr. Meyer:

Tessera Solar hereby submits the Applicant's Phase 1a information. I certify under penalty of perjury that the foregoing is true, correct and complete to the best of my knowledge.

Sincerely

Tessera Solar

Felicia L. Bellows
Vice President of Development

Calico Solar Phase 1a Description

Consistent with the phased compensatory mitigation proposed by the Applicant, the Calico Solar Project will implement a phased development program. The first occurrence of ground disturbance will consist of a 250 acre area described as Phase 1a (Figure 1-1). In 2010, ground disturbance will be limited to this Phase 1a area as a result of delays in closure of the Department of Energy financing.

Components

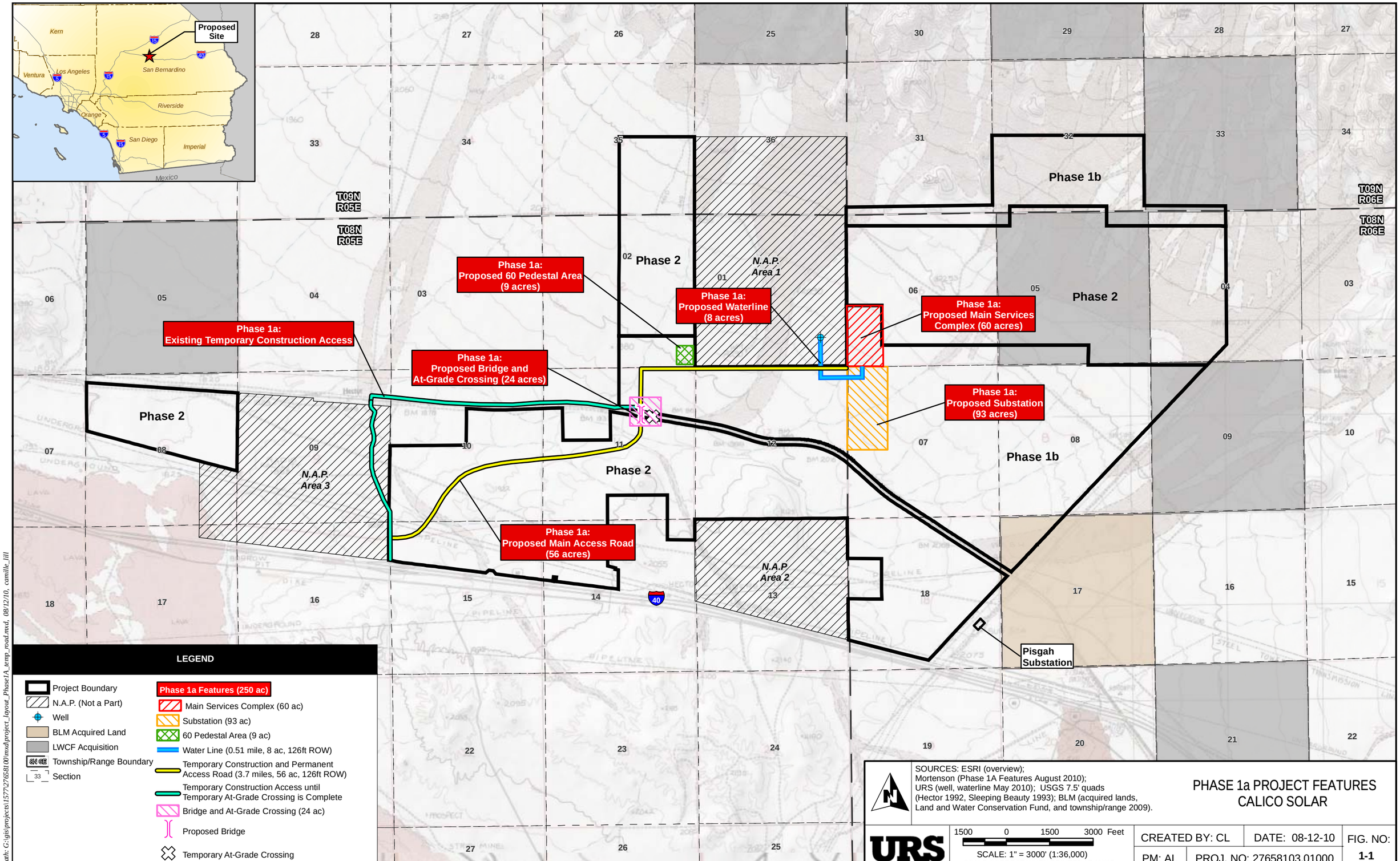
Phase 1a will include construction of the main access road, the waterline, the Main Services Area, the substation area, the installation of 60 SunCatcher pedestals, and the temporary at-grade crossing and the permanent bridge spanning the Burlington Northern Santa Fe (BNSF) railroad tracks. Prior to completion of the at-grade railroad crossing, the existing BNSF crossing and right-of-way (ROW) will be used to access Phase 1a. Ground disturbance acreages associated with each Phase 1a feature are provided in Table 1 and Figure 1-1.

Table 1:
Phase 1a Ground Disturbance Area

Feature	Ground Disturbance (acres)
Main Access Road	56
Waterline	8
Bridge and At-Grade Crossing	24
Main Service Area	60
60 SunCatcher Pedestal Area	9
Substation Area	93
TOTAL	250

Fencing

Fencing for Phase 1a is shown in Figure 1-2. Construction areas for the main access road, waterline, temporary at-grade crossing and permanent bridge will be fenced with temporary desert tortoise exclusionary fencing. The existing BNSF ROW from the BNSF crossing to the Main Services Area will also be fenced with temporary desert tortoise exclusionary fencing until the new at-grade crossing is complete (Figure 1-2). The Main Service Area, substation area and the 60 SunCatcher pedestals will be fenced with temporary chain-link security fencing and temporary desert tortoise exclusionary fencing.



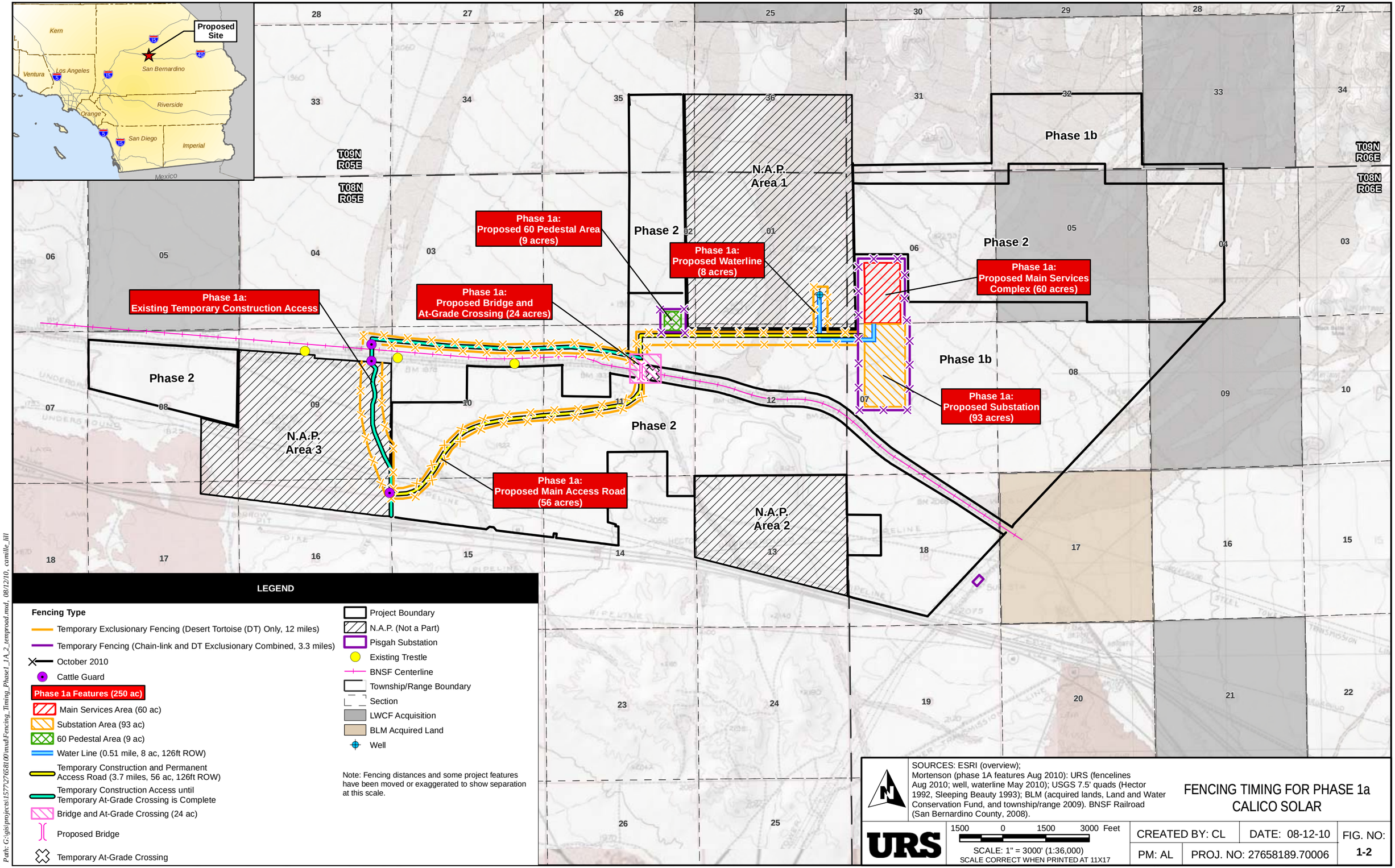
SOURCES: ESRI (overview); Mortenson (Phase 1A Features August 2010); URS (well, waterline May 2010); USGS 7.5' quads (Hector 1992, Sleeping Beauty 1993); BLM (acquired lands, Land and Water Conservation Fund, and township/range 2009).

PHASE 1a PROJECT FEATURES CALICO SOLAR

URS

CREATED BY: CL	DATE: 08-12-10	FIG. NO:
PM: AL	PROJ. NO: 27658103.01000	1-1

Path: G:\gis\projects\1577\27658100\mxd\project_layout_PhaseIA_temp_road.mxd, 08/12/10, camille_till


Proposed Site
Kern
Ventura
Los Angeles
San Bernardino
Riverside
Orange
San Diego
Imperial
Mexico
T09N R05E
T08N R05E
T09N R06E
T08N R06E
Phase 1b
Phase 2
N.A.P. Area 1
N.A.P. Area 2
N.A.P. Area 3
Phase 1a: Proposed 60 Pedestal Area (9 acres)
Phase 1a: Proposed Waterline (8 acres)
Phase 1a: Proposed Main Services Complex (60 acres)
Phase 1a: Existing Temporary Construction Access
Phase 1a: Proposed Bridge and At-Grade Crossing (24 acres)
Phase 1a: Proposed Substation (93 acres)
Phase 1a: Proposed Main Access Road (56 acres)
LEGEND
Fencing Type
Temporary Exclusionary Fencing (Desert Tortoise (DT) Only, 12 miles)
Temporary Fencing (Chain-link and DT Exclusionary Combined, 3.3 miles)
October 2010
Cattle Guard
Phase 1a Features (250 ac)
Main Services Area (60 ac)
Substation Area (93 ac)
60 Pedestal Area (9 ac)
Water Line (0.51 mile, 8 ac, 126ft ROW)
Temporary Construction and Permanent Access Road (3.7 miles, 56 ac, 126ft ROW)
Temporary Construction Access until Temporary At-Grade Crossing is Complete
Bridge and At-Grade Crossing (24 ac)
Proposed Bridge
Temporary At-Grade Crossing
Project Boundary
N.A.P. (Not a Part)
Pisgah Substation
Existing Trestle
BNSF Centerline
Township/Range Boundary
Section
LWCF Acquisition
BLM Acquired Land
Well
Note: Fencing distances and some project features have been moved or exaggerated to show separation at this scale.
SOURCES: ESRI (overview); Mortenson (phase 1A features Aug 2010): URS (fencelines Aug 2010; well, waterline May 2010); USGS 7.5' quads (Hector 1992, Sleeping Beauty 1993); BLM (acquired lands, Land and Water Conservation Fund, and township/range 2009). BNSF Railroad (San Bernardino County, 2008).
URS
1500 0 1500 3000 Feet
SCALE: 1" = 3000' (1:36,000)
SCALE CORRECT WHEN PRINTED AT 11X17
FENCING TIMING FOR PHASE 1a
CALICO SOLAR
CREATED BY: CL
DATE: 08-12-10
FIG. NO: 1-2
PM: AL
PROJ. NO: 27658189.70006
Path: G:\gis\projects\1577\27658100\mxd\Fencing_Timing_Phase1_1A_2_temproad.mxd, 08/12/10, camille_hill

BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

APPLICATION FOR CERTIFICATION

For the CALICO SOLAR (Formerly SES Solar One)

Docket No. 08-AFC-13

PROOF OF SERVICE
(Revised 8/9/10)

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DECLARATION OF SERVICE

I, Darin Neufeld, declare that on August 12, 2010, I served and filed copies of the attached Applicant's Proposed Phase 1 A Information. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at: [www.energy.ca.gov/sitingcases/solarone].

The documents have been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(*Check all that Apply*)

FOR SERVICE TO ALL OTHER PARTIES:

__X__ sent electronically to all email addresses on the Proof of Service list;

____ by personal delivery;

__X__ by delivering on this date, for mailing with the United States Postal Service with first-class postage thereon fully prepaid, to the name and address of the person served, for mailing that same day in the ordinary course of business; that the envelope was sealed and placed for collection and mailing on that date to those addresses NOT marked "email preferred."

AND

FOR FILING WITH THE ENERGY COMMISSION:

__X__ sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (*preferred method*);

OR

____ depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 08-AFC-13
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.state.ca.us

I declare under penalty of perjury that the foregoing is true and correct, that I am employed in the county where this mailing occurred, and that I am over the age of 18 years and not a party to the proceeding.

Original Signed By
Darin Neufeld

*indicates change