



June 16, 2010

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

Mr. Jim Stobaugh
BLM Project Manager
Attn: Docket No. 08-AFC-13
Bureau of Land Management
P.O. Box 12000
Reno, NV 89520

DOCKET	
08-AFC-13	
DATE	<u>JUN 16 2010</u>
RECD.	<u>JUN 16 2010</u>

RE: Calico Solar (formerly Solar One) Project (08-AFC-13)
Clarifications to Applicant's Responses to CEC Email Dated June 4th, 2010

Dear Mr. Meyer and Mr. Stobaugh,

In an effort to clarify the previous submittal, Tessera Solar hereby submits additional clarification to the responses to the information requested in the June 4th CEC email to the Calico Solar Project Proof of Service. The following clarifications and information has been included in this submittal:

- Updated plan sheets to include the location/orientation of the pass through pipe and outlets.
- The contours shown on the Grading Plans, sheets 1 through 8 are representative of the Basin Details, sheets 1 through 8. Storm water originating in the Cady Mountains north of the project flows southwesterly across the site. Detention basins placed along the north project line capture and meter the storm water flows across the site to minimize storm water damage to plant facilities. Flows from the eastern boundary will remain as sheet flow and will follow the natural drainage pattern to the BNSF Right of way. The Preliminary Basin Calculations illustrate the drainage areas, peak flows into the basins, outflows from the basins and temporary basin storage.
- The drainage areas are given identifiers in the table, "Preliminary Debris/Detention Pond Sizing along Northern Project Boundary;" those same identifiers appear in the "2010-06-10 Calico Detention Basin Drainage Area" map.

I certify under penalty of perjury that the foregoing is true, correct, and complete to the best of my knowledge.

Sincerely,

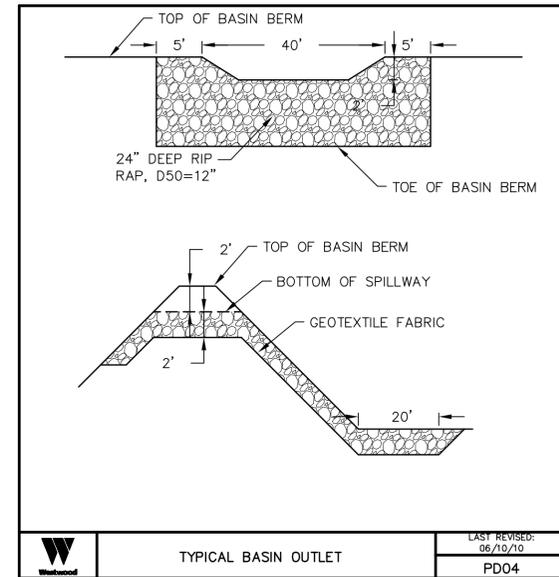
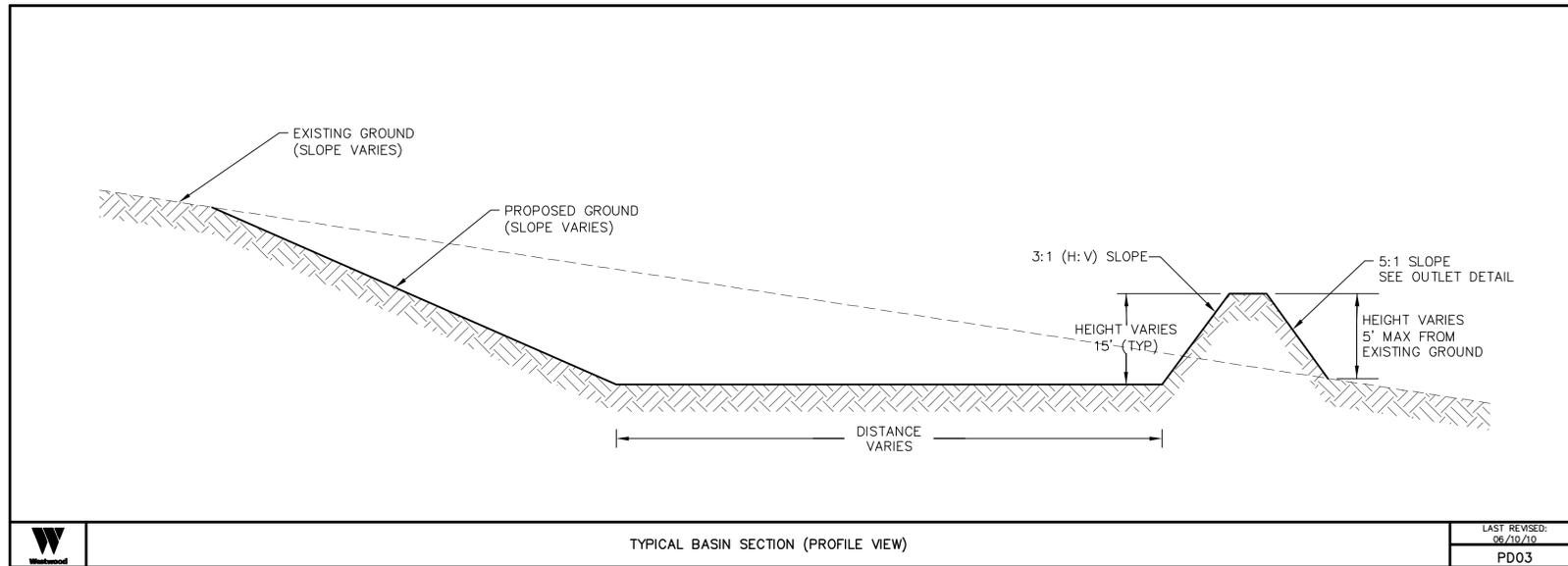
Felicia L. Bellows
Vice President of Development

Designed: ADC
Checked: DDB
Drawn: ADC

Record Drawing by/date:

Revisions #	DATE	DESCRIPTION

Prepared for:



Calico Solar
 San Bernardino County,
 California

Basin Details

Solar Array:
 Suncatcher dated 04/23/10
 Date: 06/10/10
 Sheet: 1 OF 1

Calico Solar

Preliminary Debris/Detention Basin Sizing along Northern Project Boundary

Revised June 16, 2010

Assumptions

*Use SCS TR-20 to calculate Hydrology, Type-II storm, 100-year event=3.54"

*Use CN=92 for mountain areas (Type D soil, poor vegetation)

*Final Hydrology to be completed using San Bernardino County Drainage Manual methods

*Break drainage into 4 areas.

*Assume detention basin depths of approximately 15' deep

*Final detention basin locations/footprint/number of basins/Storage etc will vary based on how the natural slope direction intersects the northern property (perpendicular, skewed, etc)

*Final detention basin storage volumes/outlets/etc will be determined during final design

*See Figures for layout of preliminary detention basins per drainage area. This number of basins varies based on topography and watershed area

*Each detention basin has one 20' wide weir overflow 10' above the basin bottom

*Each detention basin has one 30" diameter culvert placed at bottom of basin, outletting basin at 1% slope

Drainage Area	Drainage Area (acres)	Peak Inflow into Basins (cfs)	Total Peak Outflow through Pipes (cfs)	Total Peak Outflow over Weirs (cfs)	Total Peak Outflow out of Basins (cfs)	Inflow Volume (ac-ft)	Detention Basin Storage Volume (ac-ft)	Number of detention basins
DA-P100	380	860	130	0	130	84	45	3
DA-P101	1480	2270	245	285	530	330	180	4
DA-P102	3280	4650	520	1250	1770	730	340	8
DA-P103	450	780	65	210	275	100	45	1
Totals	5590	8560	960	1745	2705	1244	610	16



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Westwood Professional Services, Inc.
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Prepared for:



Mortenson
construction

700 Meadow Lane
Minneapolis, MN 55440

LEGEND:

(R) SUNCATCHER UNIT

[Hatched Box] DETENTION BASIN
[Hatched Box] GRADING AREA



Calico Solar

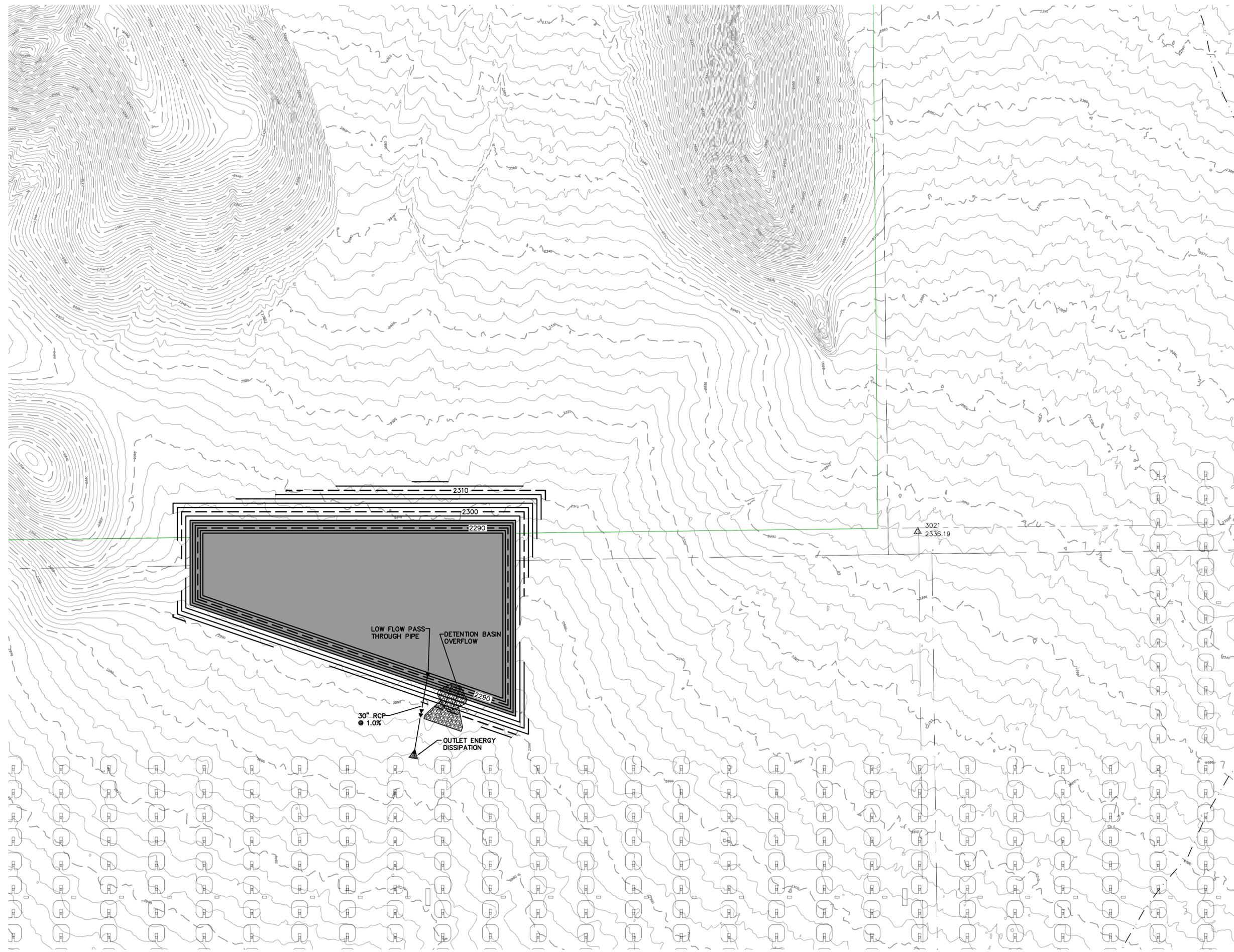
San Bernardino County,
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Overall

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Date: 06/10/10

Sheet: 1 OF 8



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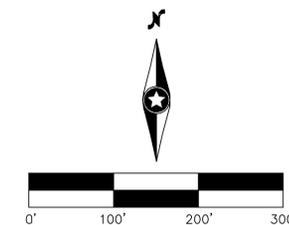
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- (R) SUNCATCHER UNIT ARRAY-PHASE 2
- ===== PROPOSED MAIN ACCESS ROAD
- ===== PROPOSED MAIN ACCESS ROAD-PHASE 2
- ===== PROPOSED MAINTENANCE ROAD
- ===== PROPOSED MAINTENANCE ROAD-PHASE 2
- - - - - PROPOSED 2' CONTOURS
- - - - - PROPOSED 10' CONTOURS
- ===== EXISTING PAVED ROAD
- ===== EXISTING GRAVEL ROAD
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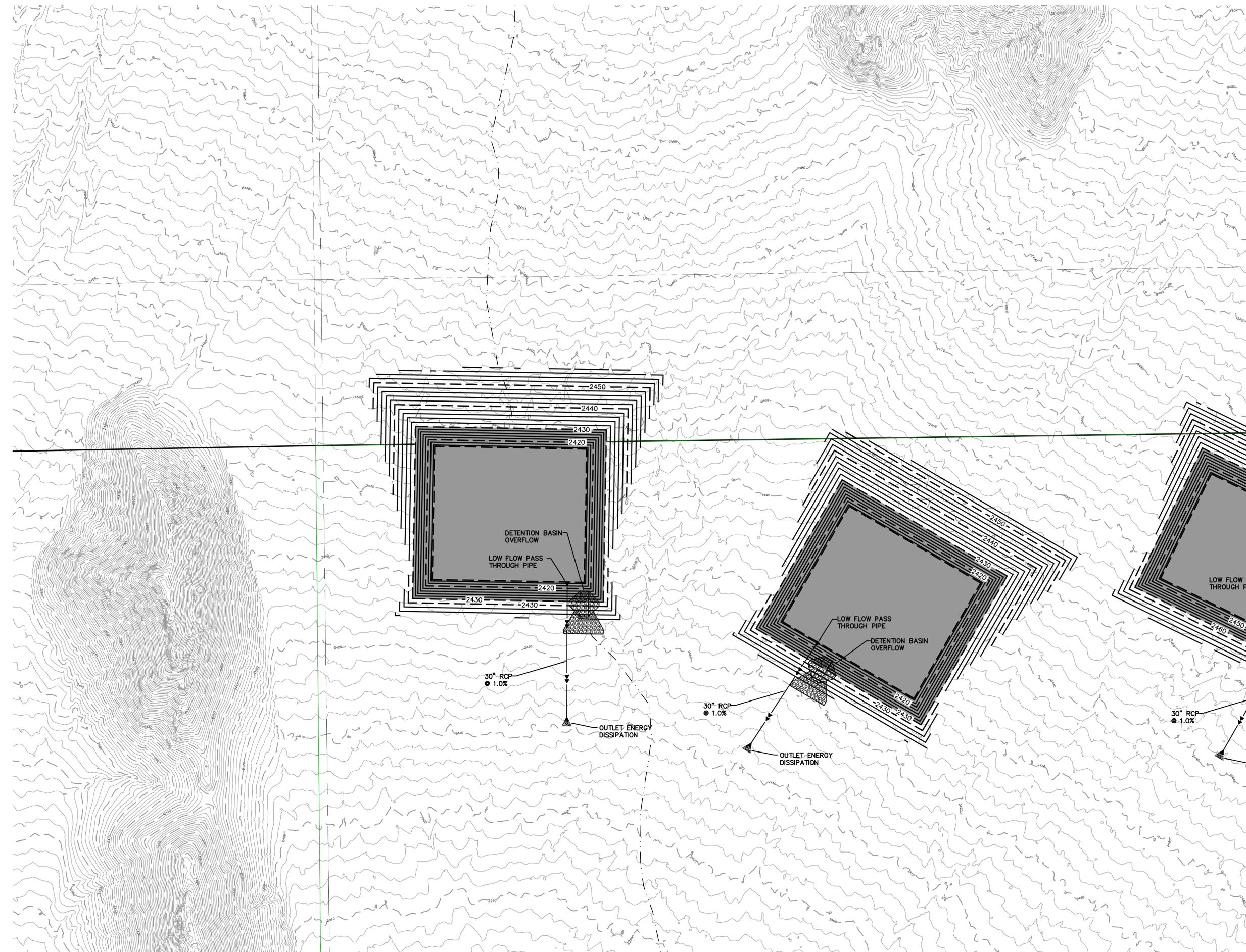
Calico Solar

San Bernardino County,
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North Central
Detention Area

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Date: 06/10/10
Sheet: 4 OF 8



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7699 Anagram Drive
Eden Prairie, MN 55344

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TOLL FREE 1-888-937-5150

www.westwoodps.com

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Calico Solar

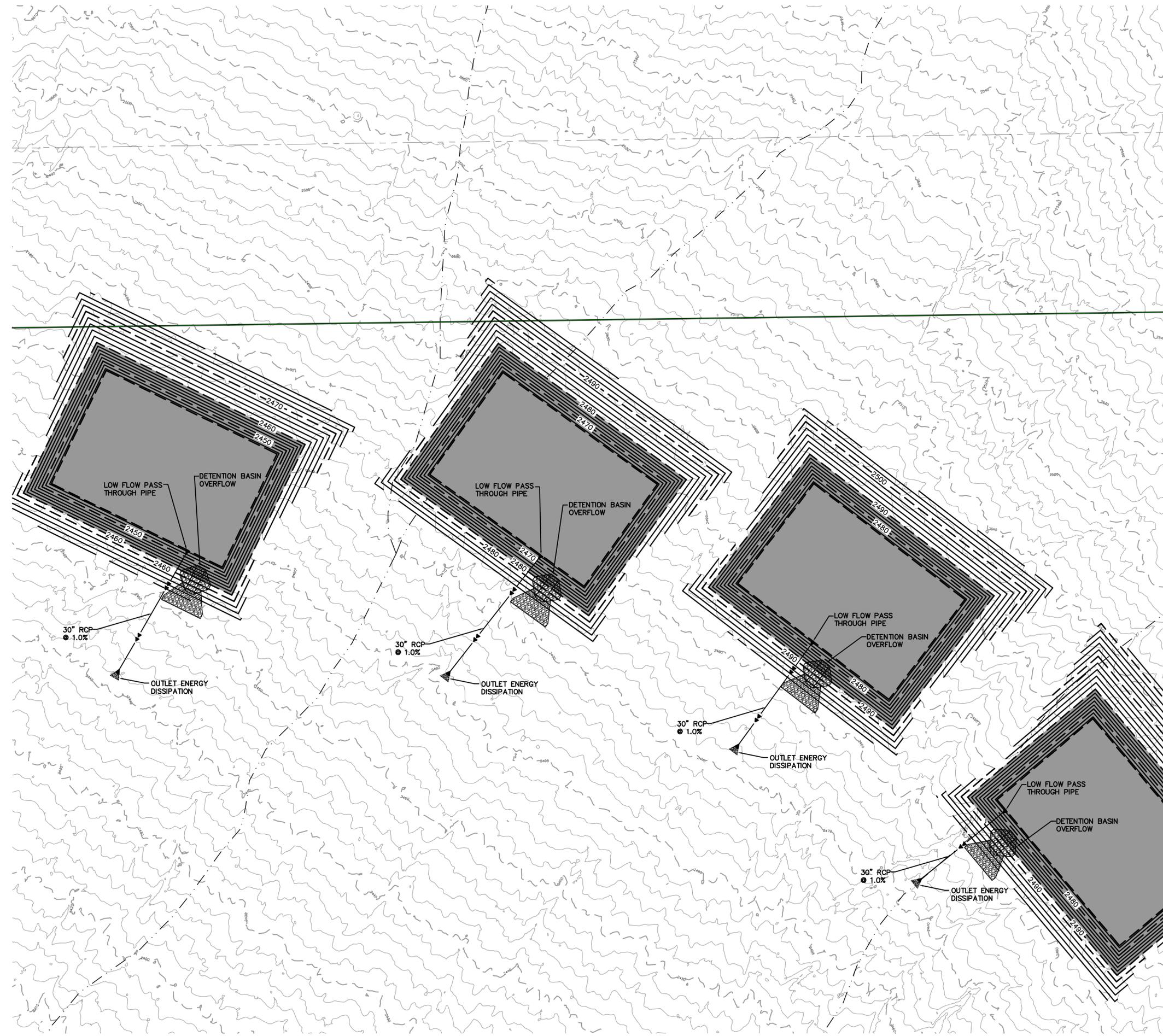
San Bernardino County,
California

North East Detention
Area

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Date: 06/10/10

Sheet: 5 OF 8



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7699 Anagram Drive
Eden Prairie, MN 55344

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FAX 952-937-5822
TOLL FREE 1-888-937-5150

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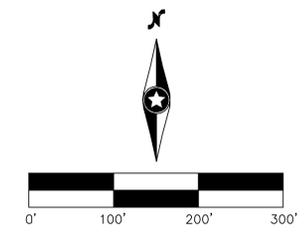
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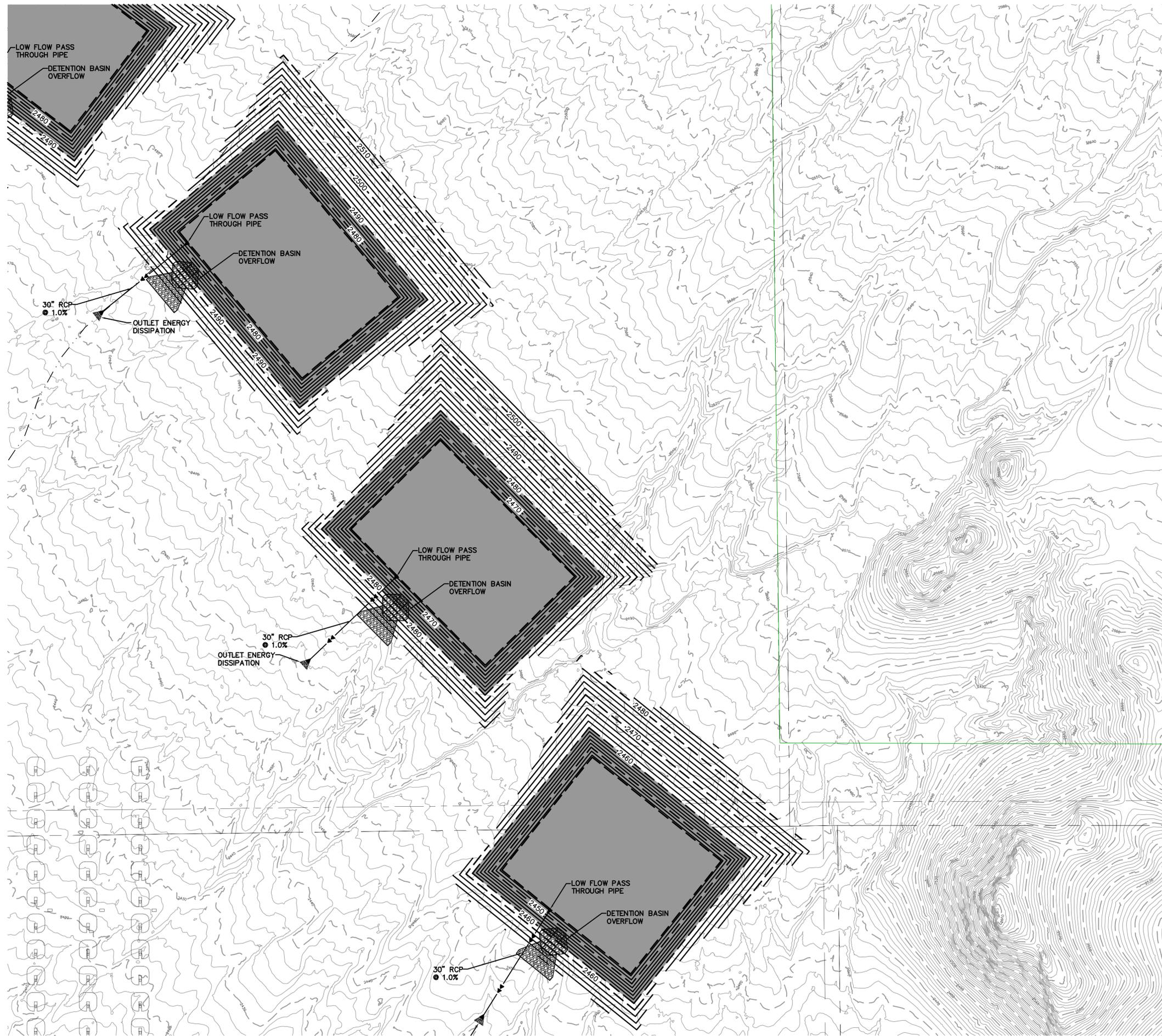


Calico Solar
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North East Detention Area

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Date: 06/10/10
Sheet: 6 OF 8



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Eden Prairie, MN 55344

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FAX 952-937-5822
TOLL FREE 1-888-937-5150

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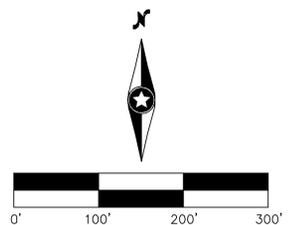
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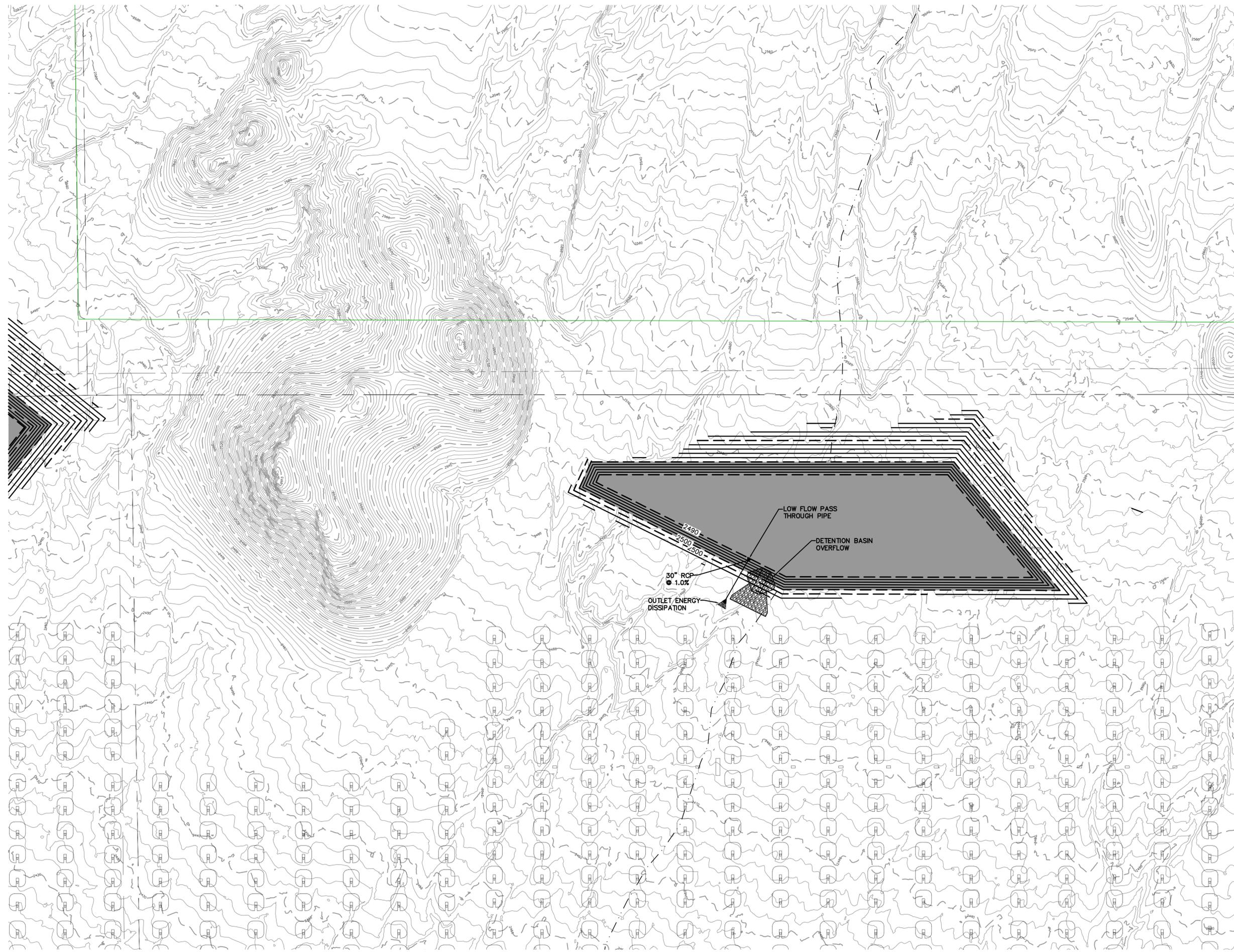


Calico Solar
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North East Detention Area

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Date: 06/10/10
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7699 Anagram Drive
Eden Prairie, MN 55344

PHONE 952-937-5150
FAX 952-937-5822
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Calico Solar
San Bernardino County,
California

East Detention Area

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Sheet: 8 OF 8



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 6/14/10)

APPLICANT

* Felicia Bellows
Vice President of Development
& Project Manager
Tessera Solar
4800 North Scottsdale Road,
#5500
Scottsdale, AZ 85251
felicia.bellows@tesseractosolar.com

Becky Jones
California Department of
Fish & Game
36431 41st Street East
Palmdale, CA 93552
dfgpalm@adelphia.net

INTERVENORS

County of San Bernardino
Ruth E. Stringer, County Counsel
Bart W. Brizzee, Deputy County Counsel
385 N. Arrowhead Avenue, 4th Floor
San Bernardino, CA 92415-0140
bbrizzee@cc.sbcounty.gov

CONSULTANT

Angela Leiba
AFC Project Manager
URS Corporation
1615 Murray Canyon Rd., #1000
San Diego, CA 92108
Angela_Leiba@URSCorp.com

California Unions for Reliable Energy
(CURE)
c/o: Loulena A. Miles, Marc D. Joseph
Adams Broadwell Joseph & Cardozo
601 Gateway Boulevard, Ste. 1000
South San Francisco, CA 94080
lmiles@adamsbroadwell.com

APPLICANT'S COUNSEL

Allan J. Thompson
Attorney at Law
21 C Orinda Way #314
Orinda, CA 94563
allanori@comcast.net

Defenders of Wildlife
Joshua Basofin
1303 J Street, Suite 270
Sacramento, California 95814
e-mail service preferred
jbasofin@defenders.org

Ella Foley Gannon, Partner
Bingham McCutchen, LLP
Three Embarcadero Center
San Francisco, CA 94111
ella.gannon@bingham.com

Society for the Conservation of
Bighorn Sheep
Bob Burke & Gary Thomas
P.O. Box 1407
Yermo, CA 92398
cameracoordinator@sheepsociety.com

INTERESTED AGENCIES

California ISO
e-recipient@caiso.com

Jim Stobaugh
BLM – Nevada State Office
P.O. Box 12000
Reno, NV 89520
jim_stobaugh@blm.gov

Basin and Range Watch
Laura Cunningham & Kevin Emmerich
P.O. Box 70
Beatty, NV 89003
atomaticoadranch@netzero.net

Rich Rotte, Project Manager
Bureau of Land Management
Barstow Field Office
2601 Barstow Road
Barstow, CA 92311
Richard_Rotte@blm.gov

Patrick C. Jackson
600 N. Darwood Avenue
San Dimas, CA 91773
E-mail service preferred
ochsjack@earthlink.net

*Gloria D. Smith, Senior Attorney
Sierra Club
85 Second Street, Second floor
San Francisco, CA 94105
gloria.smith@sierraclub.org

ENERGY COMMISSION

ANTHONY EGGERT
Commissioner and Presiding Member
aeggert@energy.state.ca.us

JEFFREY D. BYRON
Commissioner and Associate Member
jbyron@energy.state.ca.us

Paul Kramer
Hearing Officer
pkramer@energy.state.ca.us

*Lorraine White, Adviser to
Commissioner Eggert
e-mail service preferred
lwhite@energy.state.ca.us

Kristy Chew, Adviser to
Commissioner Byron
e-mail service preferred
kchew@energy.state.ca.us

Caryn Holmes
Staff Counsel
cholmes@energy.state.ca.us

Steve Adams
Co-Staff Counsel
sadams@energy.state.ca.us

Christopher Meyer
Project Manager
cmeyer@energy.state.ca.us

Jennifer Jennings
Public Adviser
publicadviser@energy.state.ca.us

DECLARATION OF SERVICE

I, Corinne Lytle, declare that on June 16, 2010, I served and filed copies of the attached Applicant's submittal of Clarifications to the responses to CEC June 4th, 2010 email . 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:

- sent electronically to all email addresses on the Proof of Service list;
 by personal delivery;
 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:

- 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 _____
Corinne Lytle