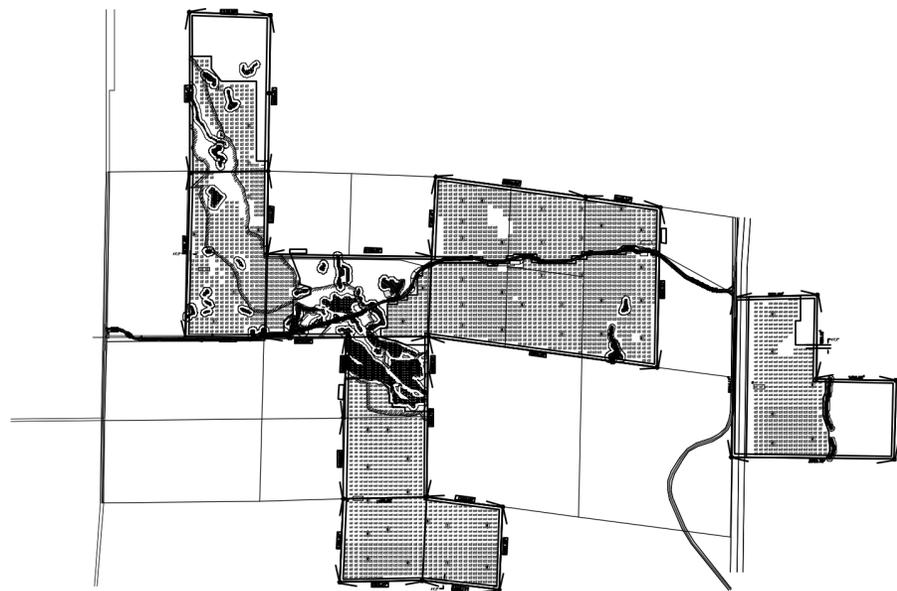
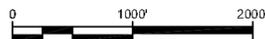


# RUGGED SOLAR LLC

## RUGGED SOLAR PROJECT PLOT PLAN



ENGINEERING SCALE: 1:2000



### GENERAL NOTES:

- Each tracker assembly is approximately 48 FT wide with a maximum constructed height of 30 ft and spaced approximately 69 FT North to South; 82 FT East to West.
- Entrance to each gate will be from an improved driveway that shall be designed in accordance with County of San Diego Design Standard DS-19 and equipped with an emergency key-operated override switch.
- At no point does the change of grade, along the primary access road, exceed 10%.
- Detailed cross sections of the roads are provided on the preliminary grading plan.
- All compaction requirements are listed on the preliminary grading plan.
- Turnaround shall be designed in accordance with County of San Diego Design Standard DS-06 for a county emergency fire apparatus.
- The project site is not located in a designated flood plain, therefore lines of inundation are not shown.
- Temporary and Permanent BMPs are shown on the preliminary grading plan.
- All coordinates shown are state plane coordinates based on CCS83, Zone 6 (2007.00 Epoch).
- All dimensions are shown in Decimal Feet.
- The solar related facilities (panels, electrical connections, transformer/inverter platform, O&M buildings, emergency generator, fencing, internal access and switchgear pad, etc.) shown on the plot plans may be relocated, (exclusive of the open space areas & undeveloped (future development area)) with the administrative approval of the director of dplu when found in conformance with the intent and conditions of the permit's approval. Transformer/inverter platform locations can be relocated/reconfigured without requirement of minor deviation.

### SIGHT DISTANCE:

To be submitted under separate cover

### ABBREVIATIONS:

AC	Alternating Current
ADT	Average Daily Trips
BB	Building Block
BMP	Best Management Practice
CEQA	California Environmental Quality Act
CPV	Concentrating Photovoltaic
CFA	County Fire Authority
DPLU	County of San Diego, Department of Planning and Land Usage
DS	Design Standard
EIR	Environmental Impact Report
EOP	Edge of Pavement
FT	Feet
kV	kilovolts
kW	kilowatts
MAX	Maximum
MOU	Memorandum of Understanding
MPA	Major Use Permit Application
MUP	Major Use Permit
MW	Megawatts
NTS	Not to Scale
PL	Property Lines
QTY	Quantity
RL	Rural Land
ROW	Right of Way
RPO	Resource Protection Ordinance
SQFT	Square Feet

### OWNER INFORMATION

NAME:	Waterstone Support Foundation Inc. John Gibson	Frankie Thibodeau	Vista Oaks Business Park John Gibson	Harmony Grove Partners John Gibson
ADDRESS:	2925 Professional Pl #200	39990 Roadrunner Ln	1000 Pioneer Way	1000 Pioneer Way
CITY:	Colorado Springs	Boulevard	El Cajon	El Cajon
STATE:	CO	CA	CA	CA
ZIP:	80904	91905	92020	92020
PHONE:	(619) 440-7424	(619) 766-9105	(619) 440-7424	(619) 440-7424
APN# 's and (Acreage)	611-110-01 (123.8)	611-091-07 (42.53), 612-030-19 (43.46), 612-030-01 (40.22)	611-090-04 (84), 611-091-03 (42.46), 611-090-02 (82), 611-060-04 (79),	611-100-07 (228.22)

### SHEET INDEX

- C-100 LEGEND, SYMBOLS, ABBREVIATIONS & NOTES
- C-101 PLOT PLAN DRAWING MAP
- C-102 PLOT PLAN NORTH WEST
- C-103 PLOT PLAN SOUTH
- C-104 PLOT PLAN CENTER TOP
- C-105 PLOT PLAN CENTER BOTTOM
- C-106 PLOT PLAN EAST
- C-110 EASEMENT PLAN DRAWING MAP
- C-111 EASEMENT PLAN NORTH WEST
- C-112 EASEMENT PLAN EAST
- C-120 PLOT PLAN 34.5 KV OVERHEAD
- C-130 1.36 / 2.0 MW INVERTER BOX DESIGN
- C-131 O&M BUILDING
- C-132 FENCE ELEVATION DETAIL
- C-133 TRACKER ELEVATION DETAIL
- C-134 WATER TANK ELEVATION DETAIL, 34.5kV & 34.5kV / 69kV OVERHEAD ELEVATION DETAIL.

### RESERVED FOR COUNTY STAMPS



DESIGNER

**AECOM**

AECOM TECHNICAL SERVICES, INC  
440 Stevens Avenue, Suite 250  
Solana Beach, CA 92075  
858.947.7144 tel 858.947.7145 fax  
www.aecom.com

CLIENT



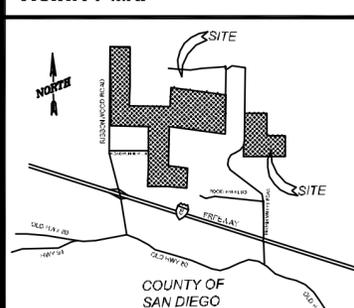
Soitec Solar Development, LLC

4250 Executive Square, Suite 770  
San Diego, CA 92137-9178

### PARCEL ZONING SETBACK SCHEDULE

APN	SETBACK SCHEDULE DESIGNATION
611-110-01	C
611-091-07	D
612-030-19	D
612-030-01	D
611-090-04	D
611-091-03	D
611-090-02	D
611-060-04	D
611-100-07	D

### VICINITY MAP



### OWNER INFORMATION

NAME: SEE TABLE ABOVE  
ADDRESS:  
CITY:  
STATE:  
ZIP:  
PHONE:  
FAX:  
EMAIL:

### CONTACT INFORMATION

NAME: Pat Brown  
ADDRESS: 4250 Executive Square, Suite 770  
CITY: La Jolla  
STATE: CA  
ZIP: 92037  
PHONE: (858) 652-4423  
FAX:  
EMAIL: patrick.brown@soitec.com

### PARCEL INFORMATION

6120300100, 6120301900, 6110910700, 6110910300,  
APN: 6110900400, 6110600400, 6110900200, 6111000700,  
6111100100  
SITE ADDRESS:  
North of I-8, east of Ribbonwood Road, on both sides of  
McCain Valley Road.  
I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND  
BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM  
THE DESIGNER OF THE PROPOSED PROJECT:  
DESIGNER SIGNATURE REQUIRED DATE

### PROJECT INFORMATION

EXISTING:  
Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads.  
PROPOSED:  
Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.

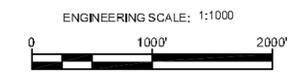
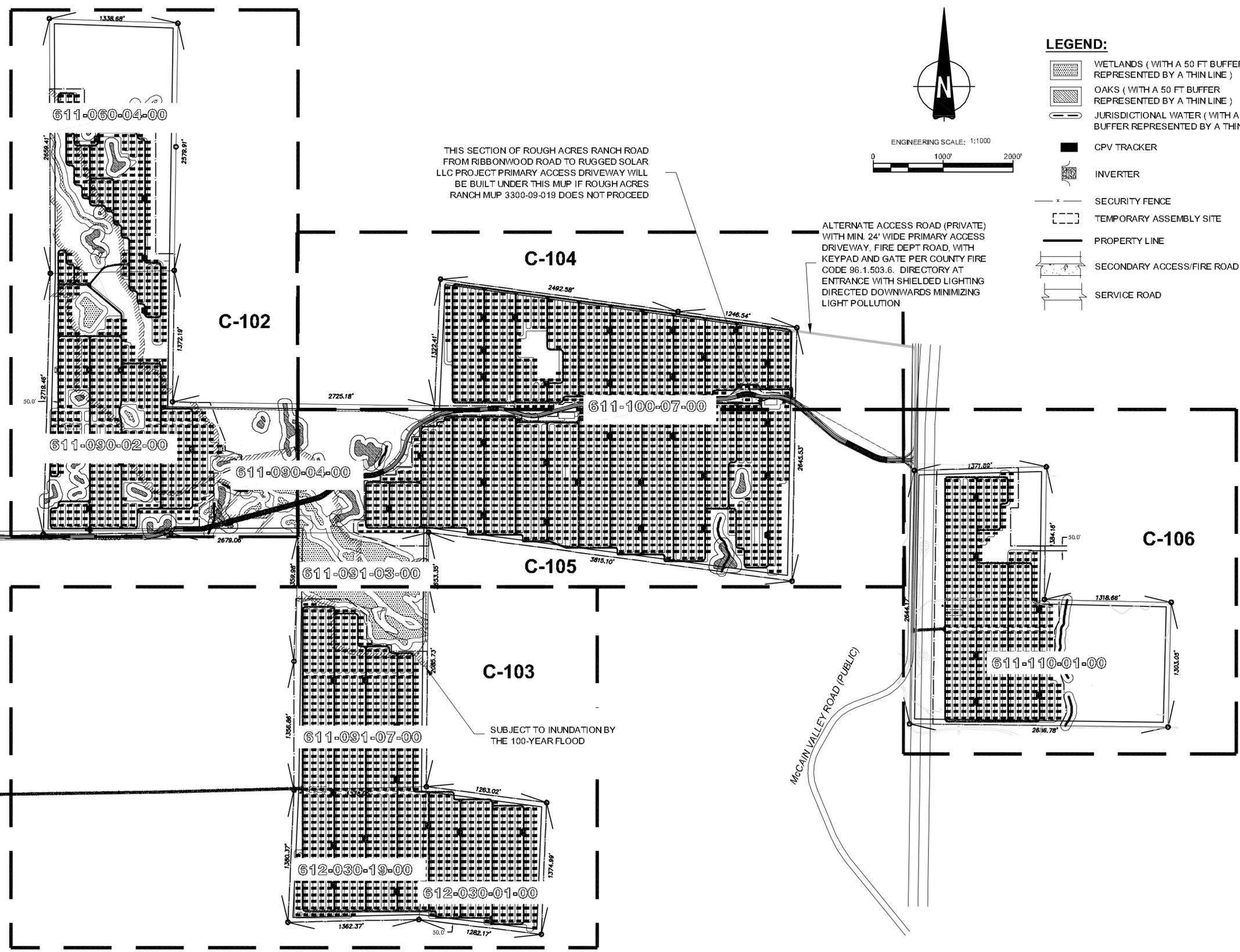
### PLOT PLAN INFORMATION

CPV System Summary	
Approx. Number of Trackers:	3588
Tracker per BB:	58
Number of BB:	61
Total AC Capacity (MWs):	Approx. 84 MW
Inverter Skid AC Capacity (MWs):	1.36 to 2.0
No. of 1.36 MW Inverter Skids:	61
Total Lot Size (Acres):	765
Estimated Disturbed Acreage:	474
Coverage Ratio:	20%

### SHEET TITLE

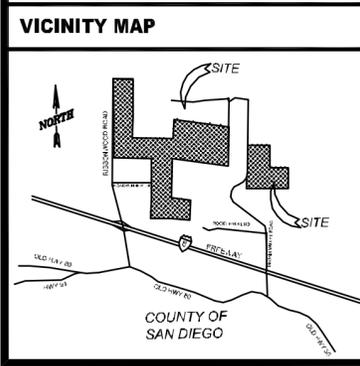
LEGEND, SYMBOLS, ABBREVIATIONS & NOTE	
SHEET NUMBER	REV.
C-100	0

FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR\_60212653\400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\CADD SOLAR CPV LAYOUT\RUGGED SOLAR CPV LAYOUT\RUGGED SOLAR CPV LAYOUT\100 PLOT PLAN COVER SHEET.DWG  
LAST SAVED BY: ORTIZG PLOT DATE: 11/12/07 11:24:54 AM



- LEGEND:**
- WETLANDS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
  - OAKS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
  - JURISDICTIONAL WATER ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
  - CPV TRACKER
  - INVERTER
  - SECURITY FENCE
  - TEMPORARY ASSEMBLY SITE
  - PROPERTY LINE
  - SECONDARY ACCESS/FIRE ROAD
  - SERVICE ROAD

FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR\_60212653\400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\CADD SOLAR\_CPV\_LAYOUT\RUGGED SOLAR-C-101 PLOT PLAN.DWG LAST SAVED BY: ORTIZG PLOT DATE: 11/12/012 1:31:13 PM



**OWNER INFORMATION**

NAME: SEE TABLE AT C-100

ADDRESS:

CITY:

STATE:

ZIP:

PHONE:

FAX:

EMAIL:

**CONTACT INFORMATION**

NAME: Pat Brown

ADDRESS: 4250 Executive Square, Suite 770

CITY: La Jolla

STATE: CA

ZIP: 92037

PHONE: (858) 652-4423

FAX:

EMAIL: patrick.brown@soitec.com

**PARCEL INFORMATION**

6120300100, 6120301900, 6110910700, 6110910300, APN: 6110900400, 6110600400, 6110900200, 6111000700, 6111100100

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DESIGNER SIGNATURE REQUIRED DATE

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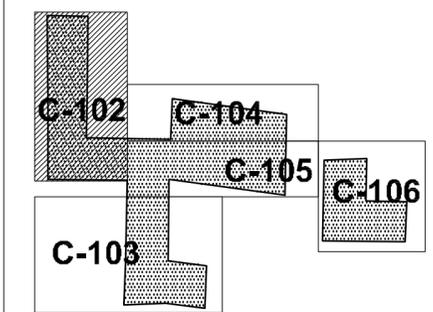
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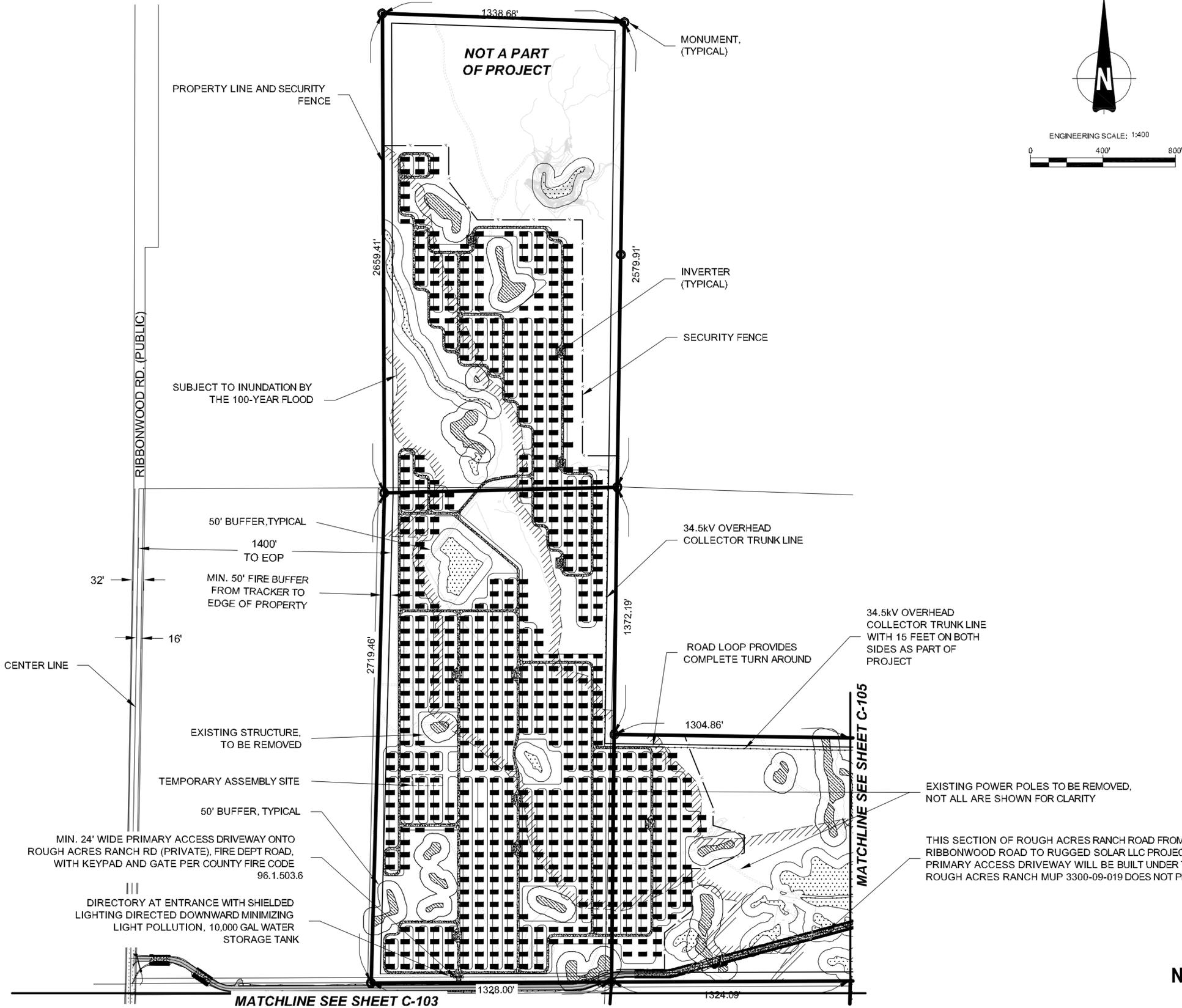
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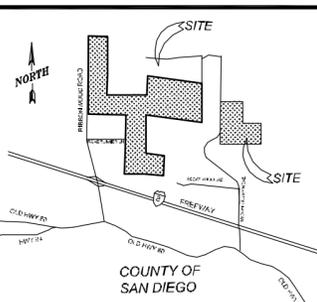
PLOT PLAN KEY MAP

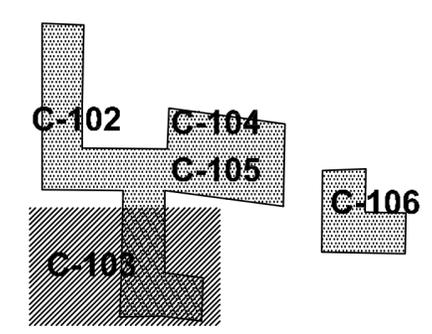
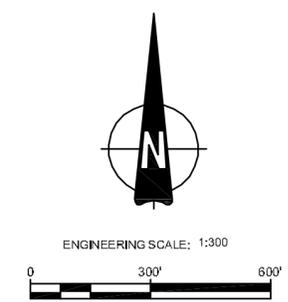
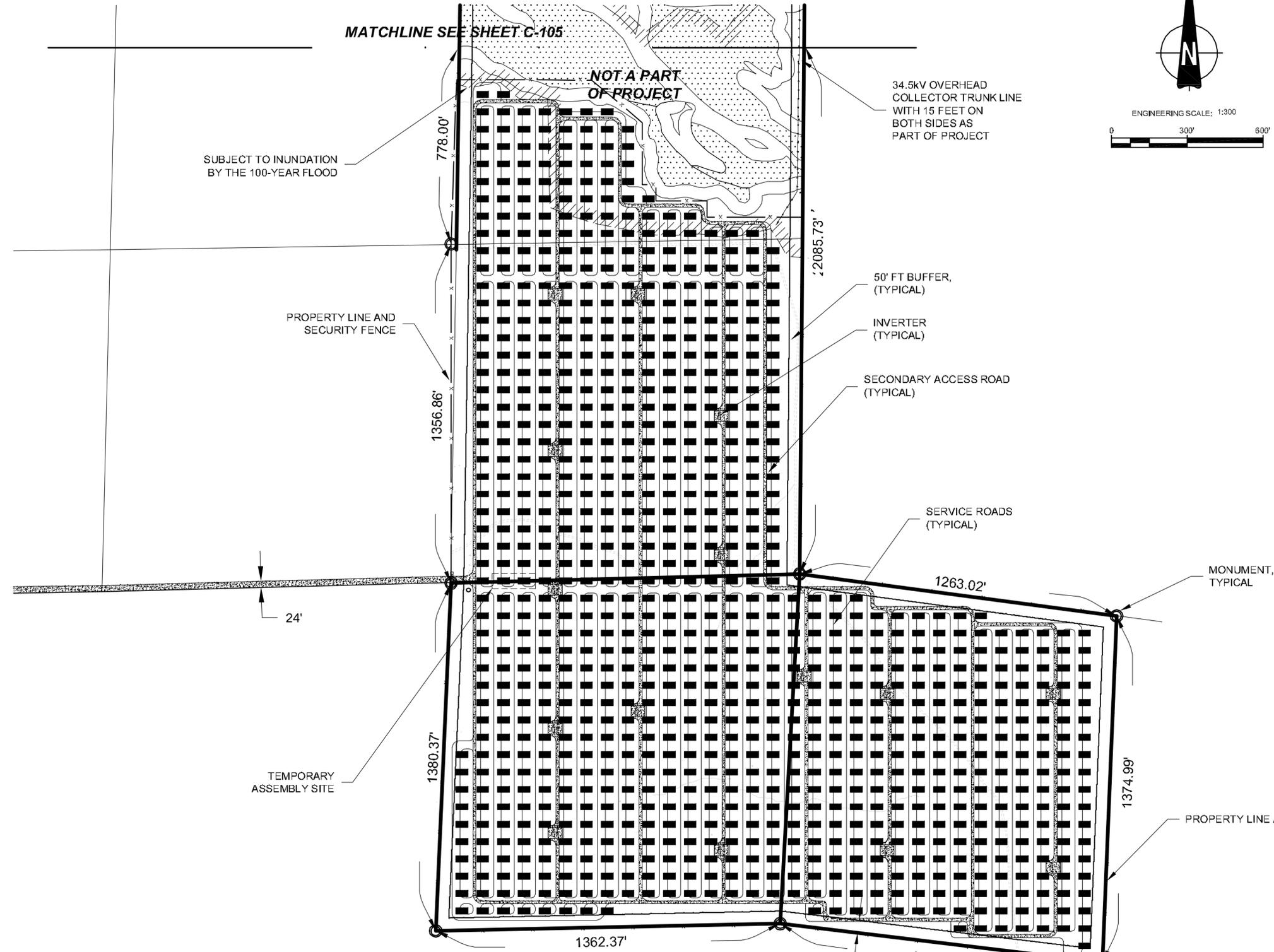
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  - INVERTER
  - SECURITY FENCE
  - TEMPORARY ASSEMBLY SITE
  - PROPERTY LINE
  - SECONDARY ACCESS/FIRE ROAD
  - SERVICE ROAD
  - 34.5kV OVERHEAD COLLECTOR TRUNK LINE



**PRELIMINARY,  
 NOT FOR CONSTRUCTION**

FILE NAME: P:\10 ENERGY WEST\SOITEC SOLAR\60212653400 TECHNICAL\401 PRELIMINARY ENGINEERING PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR\C-102 PLOT PLAN.DWG  
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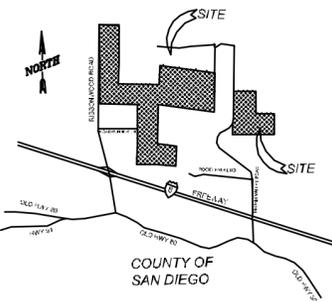
VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE						
	NAME: SEE TABLE AT C-100 ADDRESS: CITY: STATE: ZIP: PHONE: FAX: EMAIL:	NAME: Pat Brown ADDRESS: 4250 Executive Square, Suite 770 CITY: La Jolla STATE: CA ZIP: 92037 PHONE: (858) 652-4423 FAX: EMAIL: patrick.brown@soitec.com	6120300100,6120301900,6110910700,6110910300, APN:6110900400,6110600400,6110900200,6111000700, 6111100100 SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road. I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT: _____ DESIGNER SIGNATURE REQUIRED DATE	EXISTING: Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads. PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.	CPV System Summary Approx. Number of Trackers: 3588 Tracker per BB: 58 Number of BB: 61 Total AC Capacity (MWs): Approx. 84 MW Inverter Skid AC Capacity (MWs): 1.36 to 2.0 No. of 1.36 MW Inverter Skids: 61 Total Lot Size (Acres): 765 Estimated Disturbed Acreage: 474 Coverage Ratio: 20%	<table border="1"> <tr> <th colspan="2">PLOT PLAN (NORTH WEST)</th> </tr> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> <tr> <td>C-102</td> <td>0</td> </tr> </table>	PLOT PLAN (NORTH WEST)		SHEET NUMBER	REV.	C-102	0
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SHEET NUMBER	REV.											
C-102	0											



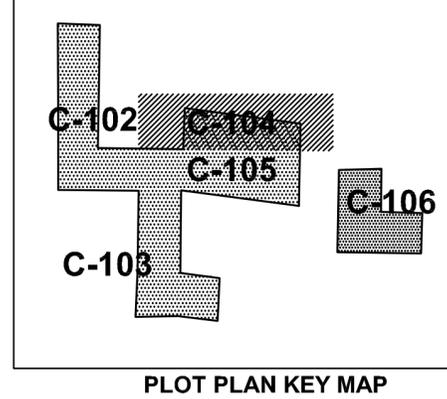
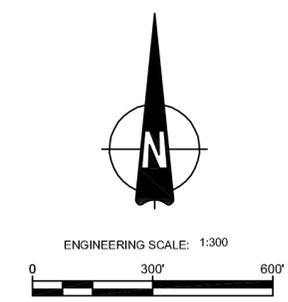
PLOT PLAN KEY MAP

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**PRELIMINARY,  
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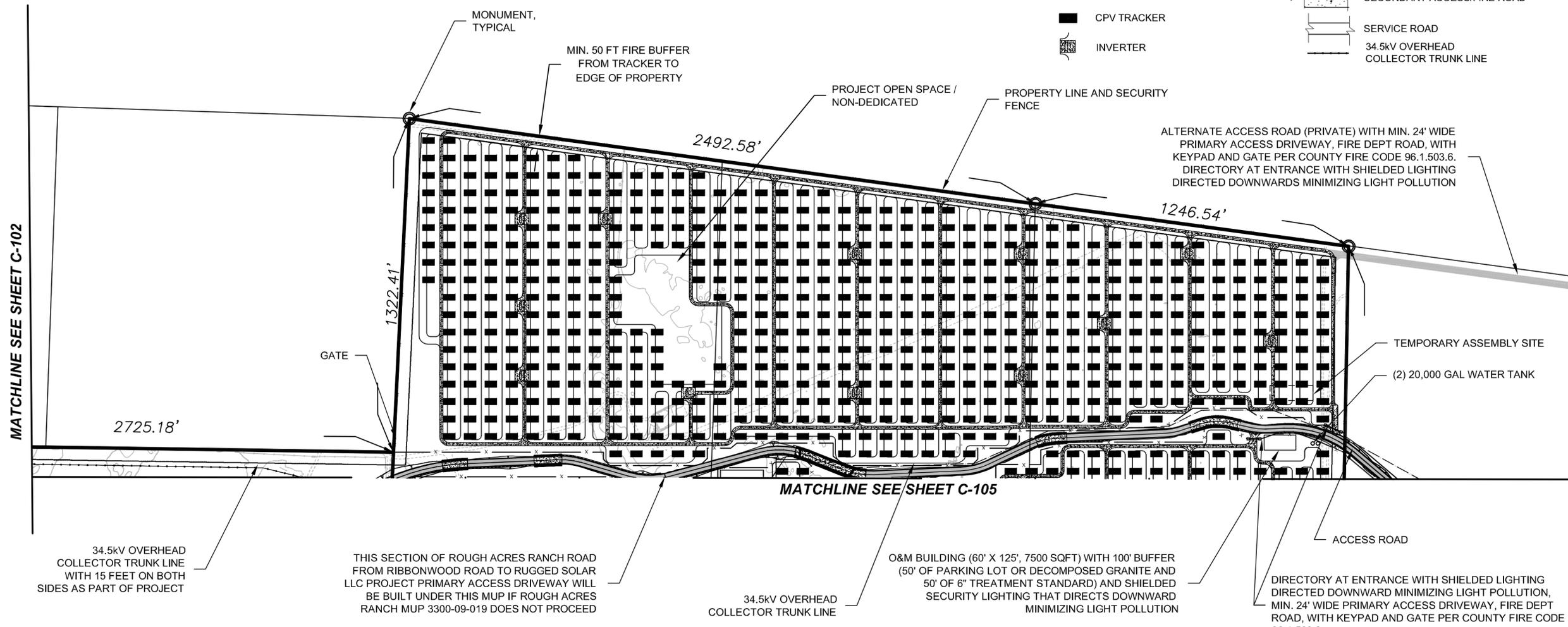
VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE																						
	<p>NAME: SEE TABLE AT C-100</p> <p>ADDRESS:</p> <p>CITY:</p> <p>STATE:</p> <p>ZIP:</p> <p>PHONE:</p> <p>FAX:</p> <p>EMAIL:</p>	<p>NAME: Pat Brown</p> <p>ADDRESS: 4250 Executive Square, Suite 770</p> <p>CITY: La Jolla</p> <p>STATE: CA</p> <p>ZIP: 92037</p> <p>PHONE: (858) 652-4423</p> <p>FAX:</p> <p>EMAIL: patrick.brown@soitec.com</p>	<p>6120300100, 6120301900, 6110910700, 6110910300, APN: 6110900400, 6110600400, 6110900200, 6111000700, 6111100100</p> <p>SITE ADDRESS: North of I-8, east of Ribbonwood Road on both sides of McCain Valley Road.</p> <p>I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT:</p> <p>DESIGNER SIGNATURE REQUIRED _____ DATE _____</p>	<p><b>EXISTING:</b>                      Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads.</p> <p><b>PROPOSED:</b>                      Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.</p>	<p>CPV System Summary</p> <table border="0"> <tr> <td>Approx. Number of Trackers:</td> <td>3588</td> </tr> <tr> <td>Tracker per BB:</td> <td>58</td> </tr> <tr> <td>Number of BB:</td> <td>61</td> </tr> <tr> <td>Total AC Capacity (MWs):</td> <td>Approx. 84 MW</td> </tr> <tr> <td>Inverter Skid AC Capacity (MWs):</td> <td>1.36 to 2.0</td> </tr> <tr> <td>No. of 1.36 MW Inverter Skids:</td> <td>61</td> </tr> <tr> <td>Total Lot Size (Acres):</td> <td>765</td> </tr> <tr> <td>Estimated Disturbed Acreage:</td> <td>474</td> </tr> <tr> <td>Coverage Ratio:</td> <td>20%</td> </tr> </table>	Approx. Number of Trackers:	3588	Tracker per BB:	58	Number of BB:	61	Total AC Capacity (MWs):	Approx. 84 MW	Inverter Skid AC Capacity (MWs):	1.36 to 2.0	No. of 1.36 MW Inverter Skids:	61	Total Lot Size (Acres):	765	Estimated Disturbed Acreage:	474	Coverage Ratio:	20%	<p><b>PLOT PLAN SOUTH</b></p> <table border="1"> <thead> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> </thead> <tbody> <tr> <td><b>C-103</b></td> <td><b>0</b></td> </tr> </tbody> </table>	SHEET NUMBER	REV.	<b>C-103</b>	<b>0</b>
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FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR\_60212653\400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\CADD SOLAR CPV LAYOUT\TRUGGED SOLAR\C-103 PLOT PLAN.DWG  
 LAST SAVED BY: ORTIZG PLOT DATE: 11/12/012 1:16:35 PM



**LEGEND:**

- WETLANDS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
- OAKS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
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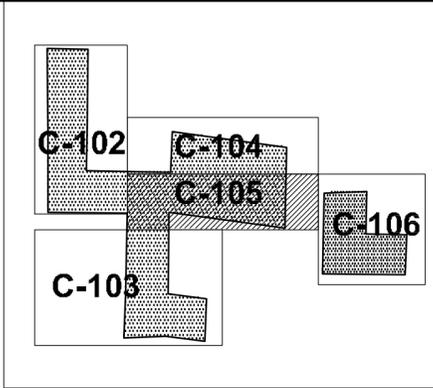
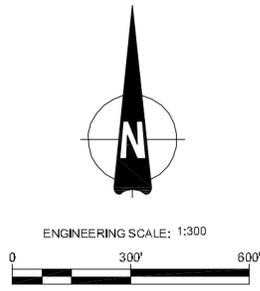


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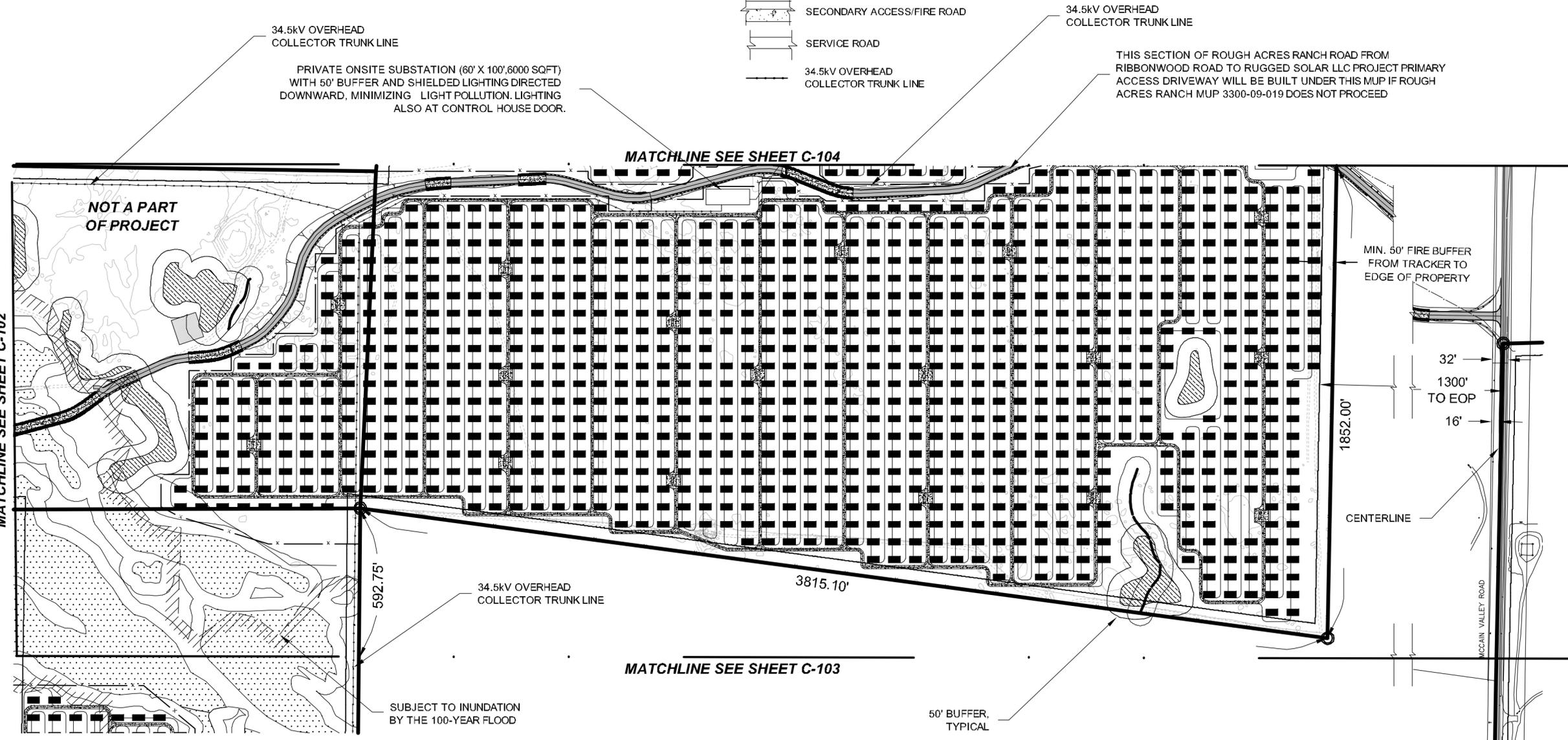
VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE				
	NAME: SEE TABLE AT C-100 ADDRESS: CITY: STATE: ZIP: PHONE: FAX: EMAIL:	NAME: Pat Brown ADDRESS: 4250 Executive Square, Suite 770 CITY: La Jolla STATE: CA ZIP: 92037 PHONE: (858) 652-4423 FAX: EMAIL: patrick.brown@soitec.com	6120300100,6120301900,6110910700,6110910300, APN:6110900400,6110600400,6110900200,6111000700, 6111100100 SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road. I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT: _____ DESIGNER SIGNATURE REQUIRED      DATE	EXISTING: Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads. PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.	CPV System Summary Approx. Number of Trackers: 3588 Tracker per BB: 58 Number of BB: 61 Total AC Capacity (MWs): Approx. 84 MW Inverter Skid AC Capacity (MWs): 1.36 to 2.0 No. of 1.36 MW Inverter Skids: 61 Total Lot Size (Acres): 765 Estimated Disturbed Acreage: 474 Coverage Ratio: 20%	<b>PLOT PLAN                      CENTER TOP</b> <table border="1"> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> <tr> <td><b>C-104</b></td> <td><b>0</b></td> </tr> </table>	SHEET NUMBER	REV.	<b>C-104</b>	<b>0</b>
SHEET NUMBER	REV.									
<b>C-104</b>	<b>0</b>									

FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR\_60212653\400 TECHNICAL\401 PRELIMINARY ENGINEERING\ PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR\C-C-104 PLOT PLAN.DWG  
 LAST SAVED BY: ORTIZG    PLOT DATE: 7/20/2012 10:30:15 AM

- LEGEND:**
-  WETLANDS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
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  -  34.5kV OVERHEAD COLLECTOR TRUNK LINE

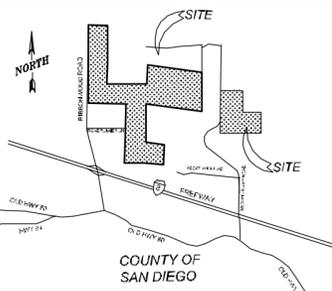


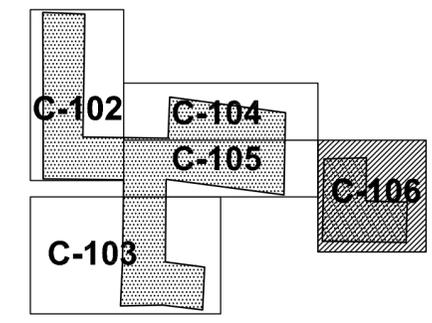
PLOT PLAN KEY MAP



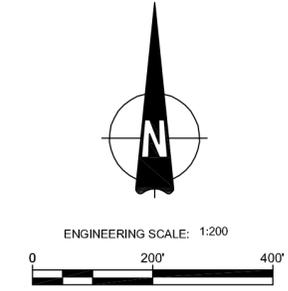
**PRELIMINARY,  
 NOT FOR CONSTRUCTION**

FILE NAME: P:\10 ENERGY WEST\CURRENT\SOITEC SOLAR 60212653400 TECHNICAL\401 PRELIMINARY ENGINEERING PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR CPV LAYOUT\RUGGED SOLAR CPV PLOT PLAN.DWG  
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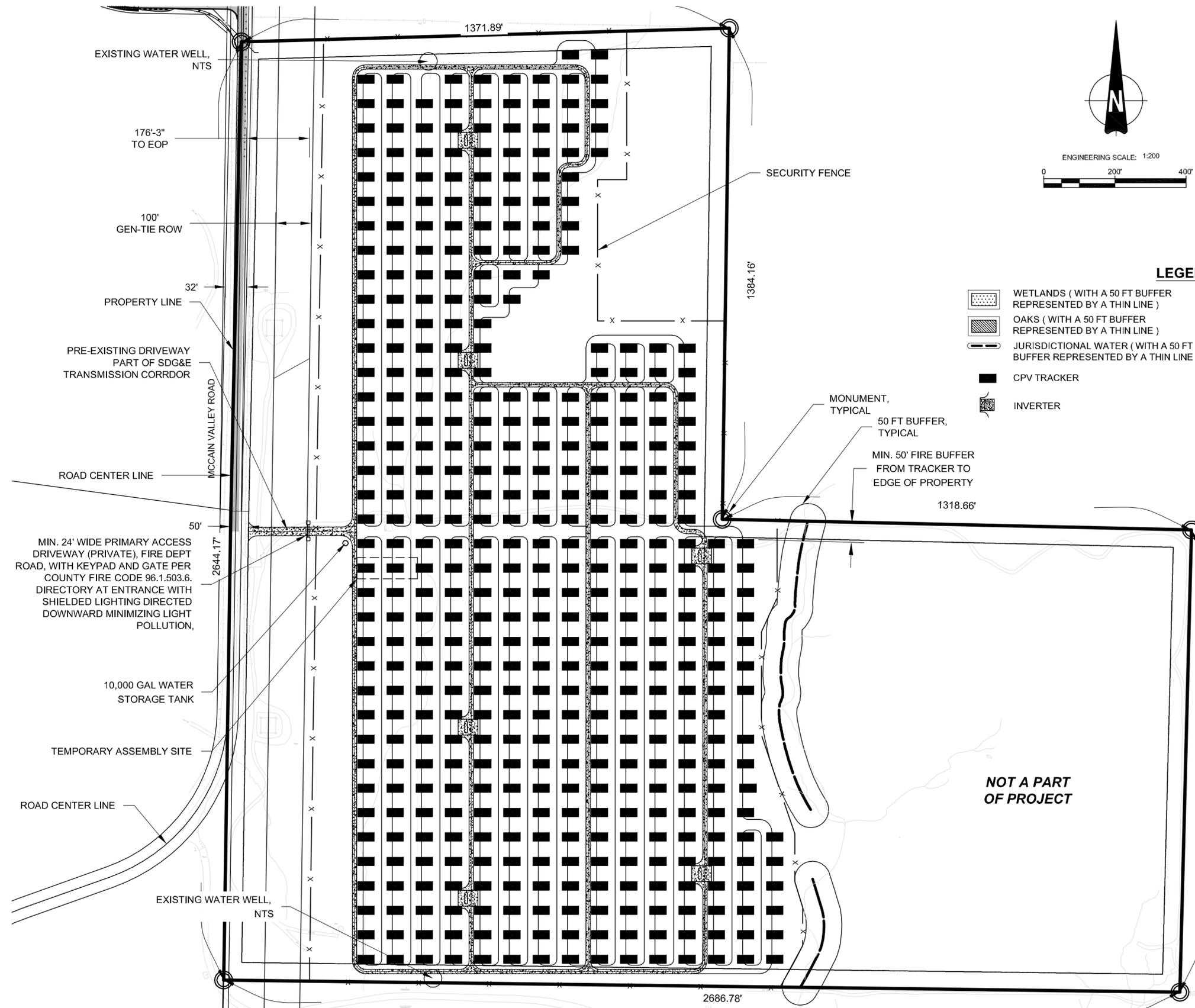
VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE						
	NAME: SEE TABLE AT C-100 ADDRESS: CITY: STATE: ZIP: PHONE: FAX: EMAIL:	NAME: Pat Brown ADDRESS: 4250 Executive Square, Suite 770 CITY: La Jolla STATE: CA ZIP: 92037 PHONE: (858) 652-4423 FAX: EMAIL: patrick.brown@soitec.com	6120300100,6120301900,6110910700,6110910300, APN: 6110900400,6110600400,6110900200,6111000700, 6111100100 SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road. I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT: _____ DESIGNER SIGNATURE REQUIRED      DATE	EXISTING: Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads. PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.	CPV System Summary Approx. Number of Trackers: 3588 Tracker per BB: 58 Number of BB: 61 Total AC Capacity (MWs): Approx. 84 MW Inverter Skid AC Capacity (MWs): 1.36 to 2.0 No. of 1.36 MW Inverter Skids: 61 Total Lot Size (Acres): 765 Estimated Disturbed Acreage: 474 Coverage Ratio: 20%	<table border="1"> <tr> <th colspan="2">PLOT PLAN CENTER BOTTOM</th> </tr> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> <tr> <td><b>C-105</b></td> <td><b>0</b></td> </tr> </table>	PLOT PLAN CENTER BOTTOM		SHEET NUMBER	REV.	<b>C-105</b>	<b>0</b>
	PLOT PLAN CENTER BOTTOM											
SHEET NUMBER	REV.											
<b>C-105</b>	<b>0</b>											



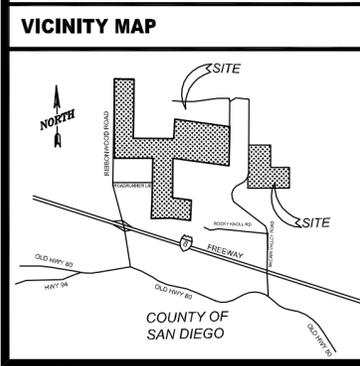
PLOT PLAN KEY MAP



- LEGEND:**
- WETLANDS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
  - OAKS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
  - JURISDICTIONAL WATER ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
  - CPV TRACKER
  - INVERTER
  - SECURITY FENCE
  - TEMPORARY ASSEMBLY SITE
  - PROPERTY LINE
  - SECONDARY ACCESS/FIRE ROAD
  - SERVICE ROAD
  - 34.5KV OVERHEAD COLLECTOR TRUNK LINE



**PRELIMINARY,  
NOT FOR CONSTRUCTION**



OWNER INFORMATION	
NAME:	SEE TABLE AT C-100
ADDRESS:	
CITY:	
STATE:	
ZIP:	
PHONE:	
FAX:	
EMAIL:	

CONTACT INFORMATION	
NAME:	Pat Brown
ADDRESS:	4250 Executive Square, Suite 770
CITY:	La Jolla
STATE:	CA
ZIP:	92037
PHONE:	(858) 652-4423
FAX:	
EMAIL:	patrick.brown@soitec.com

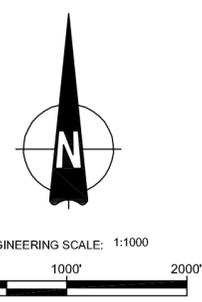
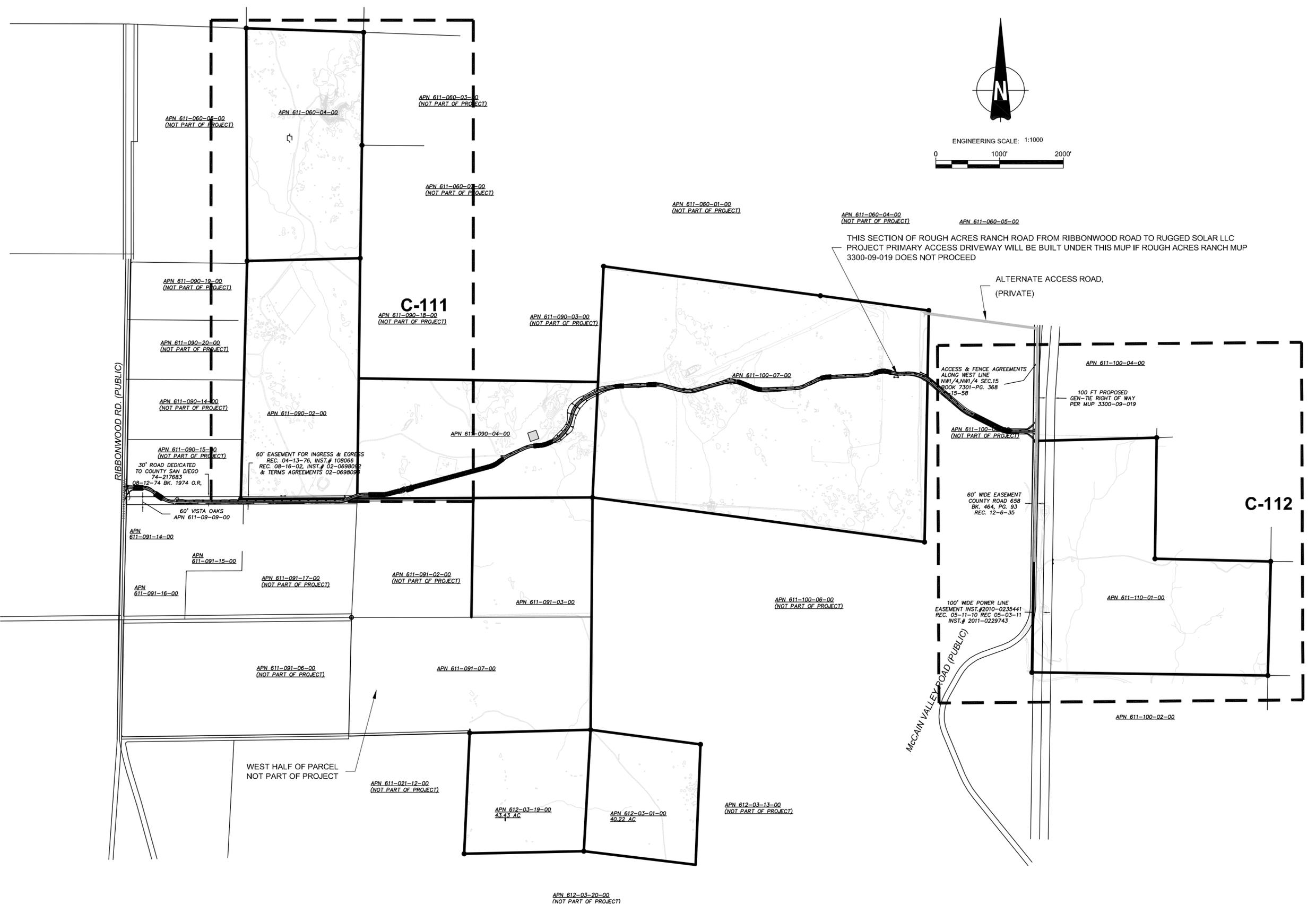
PARCEL INFORMATION	
6120300100, 6120301900, 6110910700, 6110910300, 6110900400, 6110600400, 6110900200, 6111000700, 6111100100	
SITE ADDRESS: North of I-8, east of Ribbonwood Road on both sides of McCain Valley Road.	
I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT:	
DESIGNER SIGNATURE REQUIRED	DATE

PROJECT INFORMATION	
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Approx. Number of Trackers:	3588
Tracker per BB:	58
Number of BB:	61
Total AC Capacity (MWs):	Approx. 84 MW
Inverter Skid AC Capacity (MWs):	1.36 to 2.0
No. of 1.36 MW Inverter Skids:	61
Total Lot Size (Acres):	765
Estimated Disturbed Acreage:	474
Coverage Ratio:	20%

SHEET TITLE	
<b>PLOT PLAN EAST</b>	
SHEET NUMBER	REV.
<b>C-106</b>	<b>0</b>

FILE NAME: P:\10 ENERGY WEST\_CURRENT\VISITOC SOLAR 60212653\400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR-C-106 PLOT PLAN.DWG  
 LAST SAVED BY: ORTIZG PLOT DATE: 7/20/2012 1:31:31 PM



THIS SECTION OF ROUGH ACRES RANCH ROAD FROM RIBBONWOOD ROAD TO RUGGED SOLAR LLC PROJECT PRIMARY ACCESS DRIVEWAY WILL BE BUILT UNDER THIS MUP IF ROUGH ACRES RANCH MUP 3300-09-019 DOES NOT PROCEED

ALTERNATE ACCESS ROAD,  
(PRIVATE)

ACCESS & FENCE AGREEMENTS  
ALONG WEST LINE  
NW1/4,NW1/4 SEC.15  
BOOK 7301-PG. 368  
15-58

100 FT PROPOSED  
GEN-TIE RIGHT OF WAY  
PER MUP 3300-09-019

APN 611-100-04-00  
(NOT PART OF PROJECT)

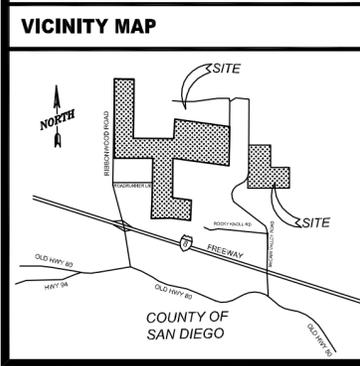
60' WIDE EASEMENT  
COUNTY ROAD 658  
BK: 464, PG. 93  
REC. 12-6-35

100' WIDE POWER LINE  
EASEMENT INST.#2010-0235441  
REC. 05-11-10 REC. 05-03-11  
INST.# 2011-0229743

McCain Valley Road (PUBLIC)

WEST HALF OF PARCEL  
NOT PART OF PROJECT

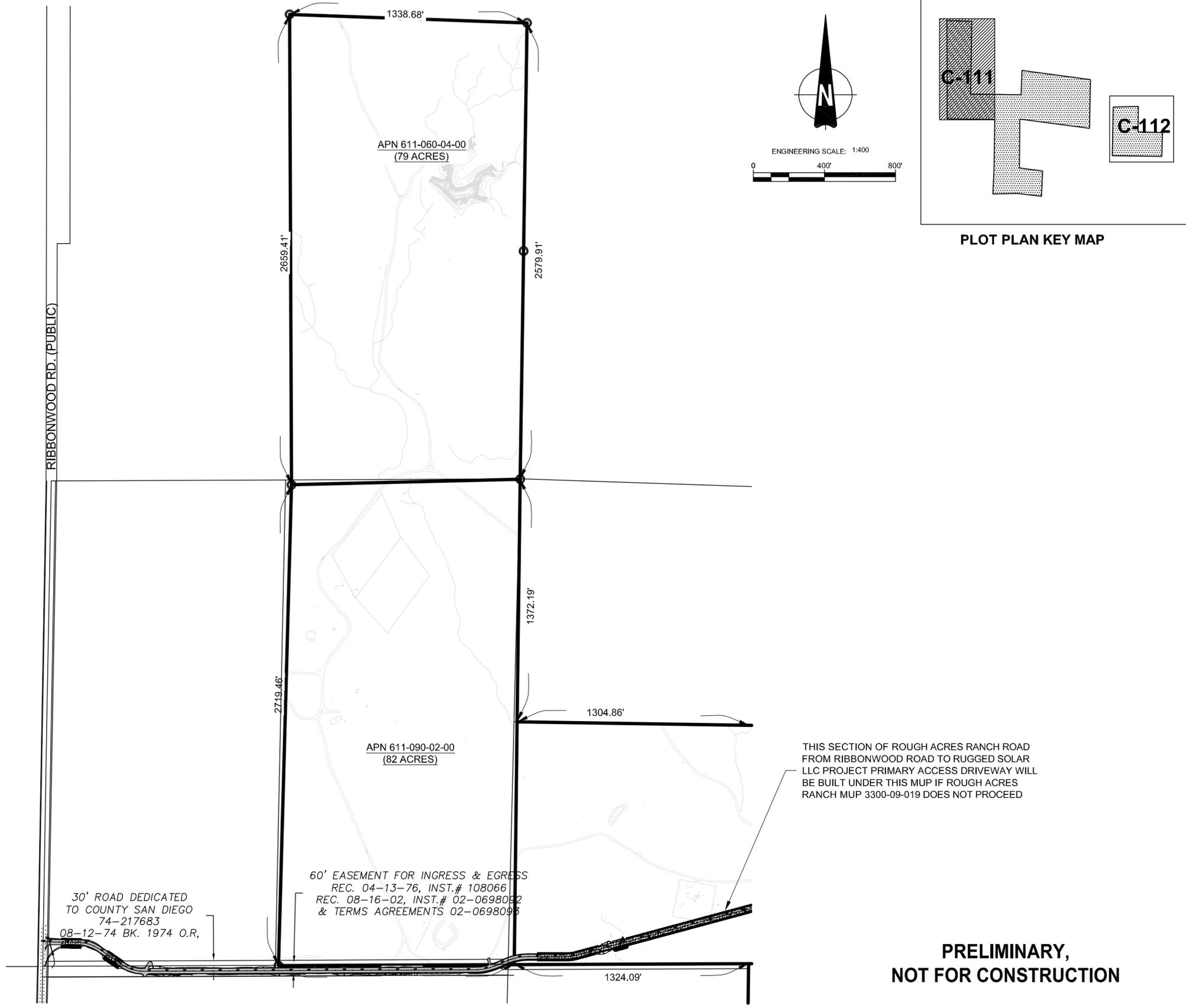
APN 612-03-20-00  
(NOT PART OF PROJECT)



VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE				
	NAME: SEE TABLE AT C-100 ADDRESS: CITY: STATE: ZIP: PHONE: FAX: EMAIL:	NAME: Pat Brown ADDRESS: 4250 Executive Square, Suite 770 CITY: La Jolla STATE: CA ZIP: 92037 PHONE: (858) 652-4423 FAX: EMAIL: patrick.brown@soitec.com	6120300100,6120301900,6110910700,6110910300, APN:6110900400,6110600400,6110900200,6111000700, 6111100100 SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road. I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT: _____ DESIGNER SIGNATURE REQUIRED DATE	EXISTING: Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads. PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.	CPV System Summary Approx. Number of Trackers: 3588 Tracker per BB: 58 Number of BB: 61 Total AC Capacity (MWs): Approx. 84 MW Inverter Skid AC Capacity (MWs): 1.36 to 2.0 No. of 1.36 MW Inverter Skids: 61 Total Lot Size (Acres): 765 Estimated Disturbed Acreage: 474 Coverage Ratio: 20%	<b>EASEMENT PLAN SHEET MAP</b> <table border="1"> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> <tr> <td><b>C-110</b></td> <td><b>0</b></td> </tr> </table>	SHEET NUMBER	REV.	<b>C-110</b>	<b>0</b>
SHEET NUMBER	REV.									
<b>C-110</b>	<b>0</b>									

FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR 60212653400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR-C-110 EASEMENT PLAN.DWG  
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 LAST SAVED BY: ORTIZG PLOT DATE: 7/20/2012 1:49:45 PM



**AECOM**  
 DESIGNER  
**AECOM**  
 AECOM TECHNICAL SERVICES, INC  
 440 Stevens Avenue, Suite 250  
 Solana Beach, CA 98075  
 858.947.7144 tel 858.947.7145 fax  
 www.aecom.com

CLIENT

**Soitec**  
 Soitec Solar Development, LLC  
 4250 Executive Square, Suite 770  
 San Diego, CA 92037-9178

**PRELIMINARY,  
 NOT FOR CONSTRUCTION**

VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE				
	NAME: SEE TABLE AT C-100 ADDRESS: CITY: STATE: ZIP: PHONE: FAX: EMAIL:	NAME: Pat Brown ADDRESS: 4250 Executive Square, Suite 770 CITY: La Jolla STATE: CA ZIP: 92037 PHONE: (858) 652-4423 FAX: EMAIL: Brison.Ellinghaus@soitec.com	6120300100, 6120301900, 6110910700, 6110910300, APN: 6110900400, 6110600400, 6110900200, 6111000700, 6111100100 SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road. I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT: _____ DESIGNER SIGNATURE REQUIRED      DATE	<b>EXISTING:</b> Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads. <b>PROPOSED:</b> Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.	CPV System Summary Approx. Number of Trackers: 3588 Tracker per BB: 58 Number of BB: 61 Total AC Capacity (MWs): Approx. 84 MW Inverter Skid AC Capacity (MWs): 1.36 to 2.0 No. of 1.36 MW Inverter Skids: 61 Total Lot Size (Acres): 765 Estimated Disturbed Acreage: 474 Coverage Ratio: 20%	<b>EASEMENT PLAN                      (NORTH WEST)</b> <table border="1"> <thead> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> </thead> <tbody> <tr> <td><b>C-111</b></td> <td><b>0</b></td> </tr> </tbody> </table>	SHEET NUMBER	REV.	<b>C-111</b>	<b>0</b>
SHEET NUMBER	REV.									
<b>C-111</b>	<b>0</b>									

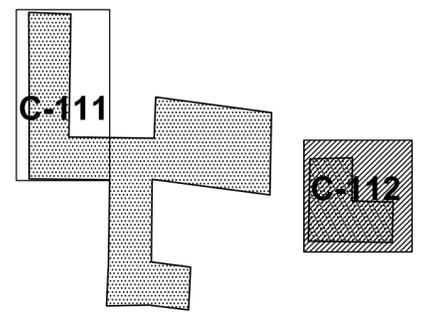
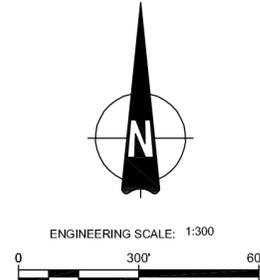
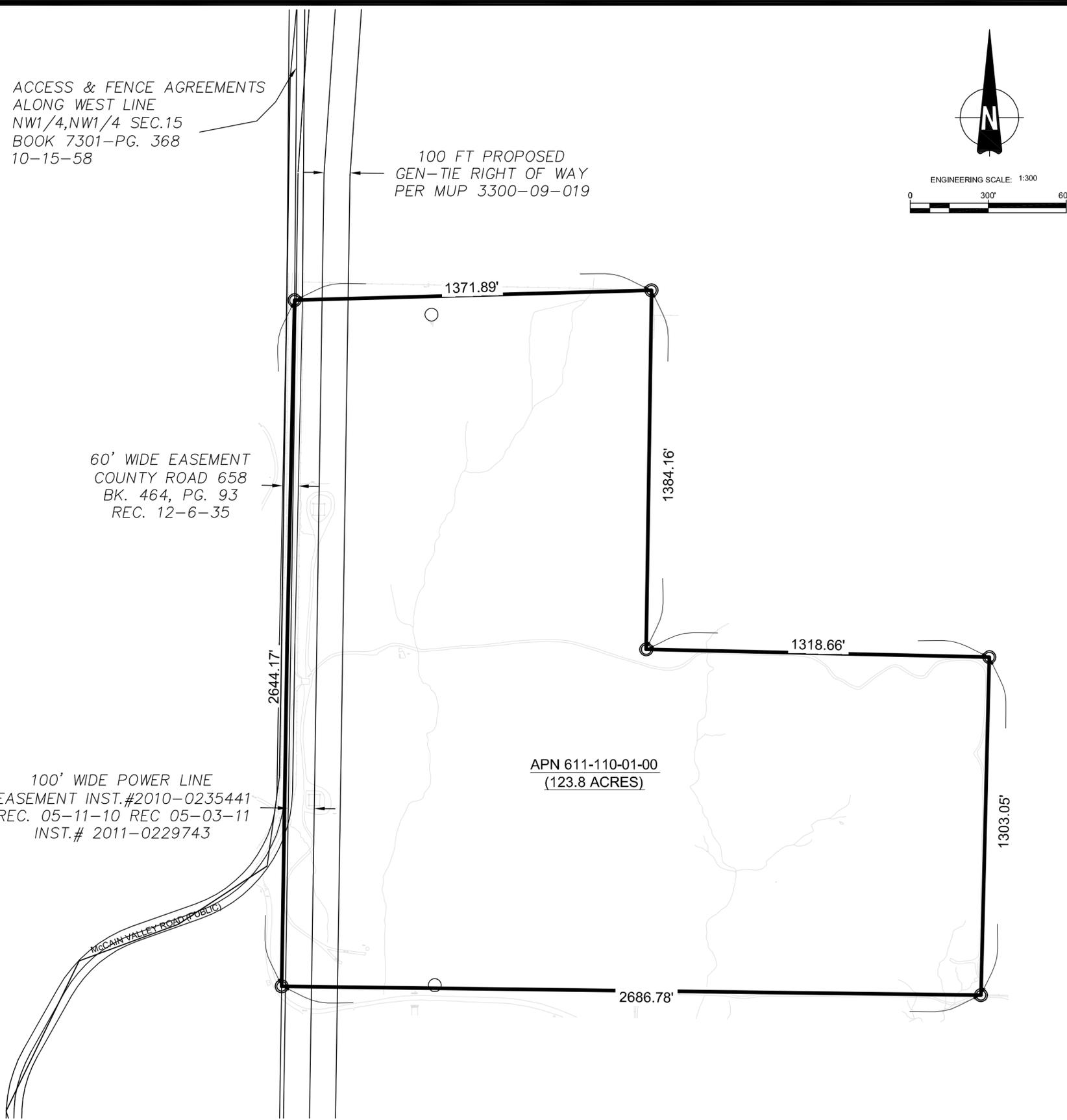
ACCESS & FENCE AGREEMENTS  
ALONG WEST LINE  
NW1/4,NW1/4 SEC.15  
BOOK 7301-PG. 368  
10-15-58

100 FT PROPOSED  
GEN-TIE RIGHT OF WAY  
PER MUP 3300-09-019

60' WIDE EASEMENT  
COUNTY ROAD 658  
BK. 464, PG. 93  
REC. 12-6-35

100' WIDE POWER LINE  
EASEMENT INST.#2010-0235441  
REC. 05-11-10 REC 05-03-11  
INST.# 2011-0229743

APN 611-110-01-00  
(123.8 ACRES)



PLOT PLAN KEY MAP

**AECOM**

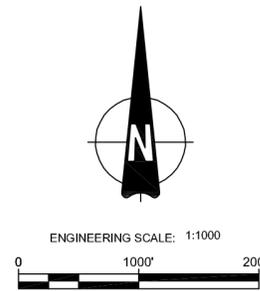
DESIGNER  
**AECOM**  
AECOM TECHNICAL SERVICES, INC  
440 Stevens Avenue, Suite 250  
Solana Beach, CA 98075  
858.947.7144 tel 858.947.7145 fax  
www.aecom.com

CLIENT  
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4250 Executive Square, Suite 770  
San Diego, CA 92037-9178

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NOT FOR CONSTRUCTION**

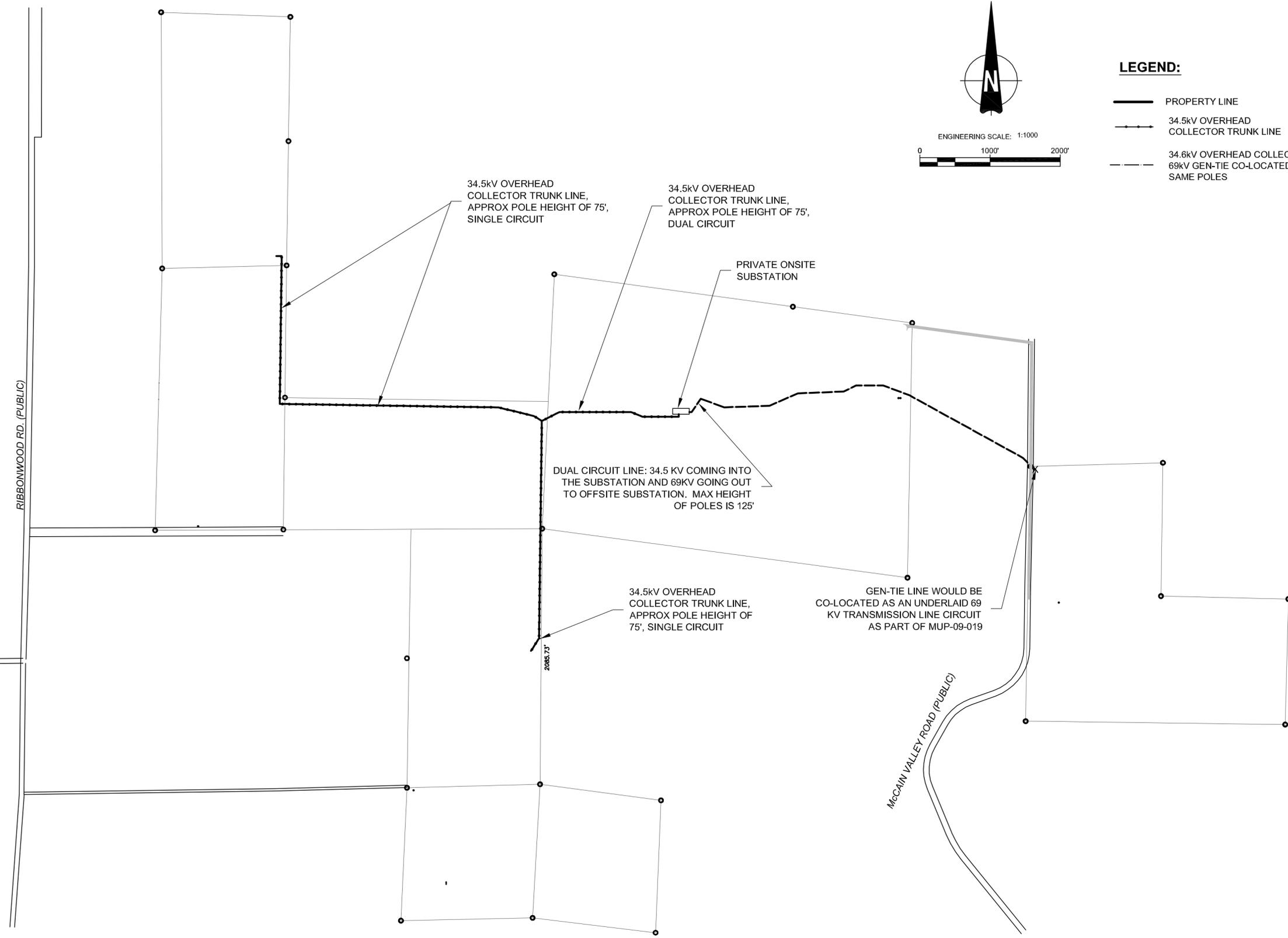
VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE																						
	<p>NAME: SEE TABLE AT C-100</p> <p>ADDRESS:</p> <p>CITY:</p> <p>STATE:</p> <p>ZIP:</p> <p>PHONE:</p> <p>FAX:</p> <p>EMAIL:</p>	<p>NAME: Pat Brown</p> <p>ADDRESS: 4250 Executive Square, Suite 770</p> <p>CITY: La Jolla</p> <p>STATE: CA</p> <p>ZIP: 92037</p> <p>PHONE: (858) 652-4423</p> <p>FAX:</p> <p>EMAIL: patrick.brown@soitec.com</p>	<p>6120300100,6120301900,6110910700,6110910300, APN:6110900400,6110600400,6110900200,6111000700, 6111100100</p> <p>SITE ADDRESS: North of I-8, east of Ribbonwood Road on both sides of McCain Valley Road.</p> <hr/> <p>I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT:</p> <p>_____ DESIGNER SIGNATURE REQUIRED      DATE</p>	<p>EXISTING: Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads.</p> <p>PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.</p>	<p>CPV System Summary</p> <table border="0"> <tr> <td>Approx. Number of Trackers:</td> <td>3588</td> </tr> <tr> <td>Tracker per BB:</td> <td>58</td> </tr> <tr> <td>Number of BB:</td> <td>61</td> </tr> <tr> <td>Total AC Capacity (MWs):</td> <td>Approx. 84 MW</td> </tr> <tr> <td>Inverter Skid AC Capacity (MWs):</td> <td>1.36 to 2.0</td> </tr> <tr> <td>No. of 1.36 MW Inverter Skids:</td> <td>61</td> </tr> <tr> <td>Total Lot Size (Acres):</td> <td>765</td> </tr> <tr> <td>Estimated Disturbed Acreage:</td> <td>474</td> </tr> <tr> <td>Coverage Ratio:</td> <td>20%</td> </tr> </table>	Approx. Number of Trackers:	3588	Tracker per BB:	58	Number of BB:	61	Total AC Capacity (MWs):	Approx. 84 MW	Inverter Skid AC Capacity (MWs):	1.36 to 2.0	No. of 1.36 MW Inverter Skids:	61	Total Lot Size (Acres):	765	Estimated Disturbed Acreage:	474	Coverage Ratio:	20%	<p><b>EASEMENT PLAN EAST</b></p> <table border="1"> <thead> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> </thead> <tbody> <tr> <td><b>C-112</b></td> <td><b>0</b></td> </tr> </tbody> </table>	SHEET NUMBER	REV.	<b>C-112</b>	<b>0</b>
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LAST SAVED BY: ORTIZG PLOT DATE: 7/20/2012 11:25:48 AM

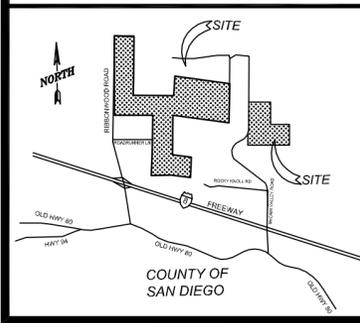


**LEGEND:**

- PROPERTY LINE
- 34.5kV OVERHEAD COLLECTOR TRUNK LINE
- 34.6kV OVERHEAD COLLECTOR / 69kV GEN-TIE CO-LOCATED ON SAME POLES



**VICINITY MAP**



**OWNER INFORMATION**

NAME: SEE TABLE AT C-100  
ADDRESS:  
CITY:  
STATE:  
ZIP:  
PHONE:  
FAX:  
EMAIL:

**CONTACT INFORMATION**

NAME: Pat Brown  
ADDRESS: 4250 Executive Square, Suite 770  
CITY: La Jolla  
STATE: CA  
ZIP: 92037  
PHONE: (858) 652-4423  
FAX:  
EMAIL: patrick.brown@soitec.com

**PARCEL INFORMATION**

6120300100,6120301900,6110910700,6110910300,  
APN:6110900400,6110600400,6110900200,6111000700,  
6111100100  
SITE ADDRESS:  
North of I-8, east of Ribbonwood Road, on both sides of  
McCain Valley Road.  
  
I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND  
BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM  
THE DESIGNER OF THE PROPOSED PROJECT:  
  
\_\_\_\_\_  
DESIGNER SIGNATURE REQUIRED      DATE

**PROJECT INFORMATION**

**EXISTING:**  
Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads.  
  
**PROPOSED:**  
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**PLOT PLAN INFORMATION**

CPV System Summary	
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**SHEET TITLE**

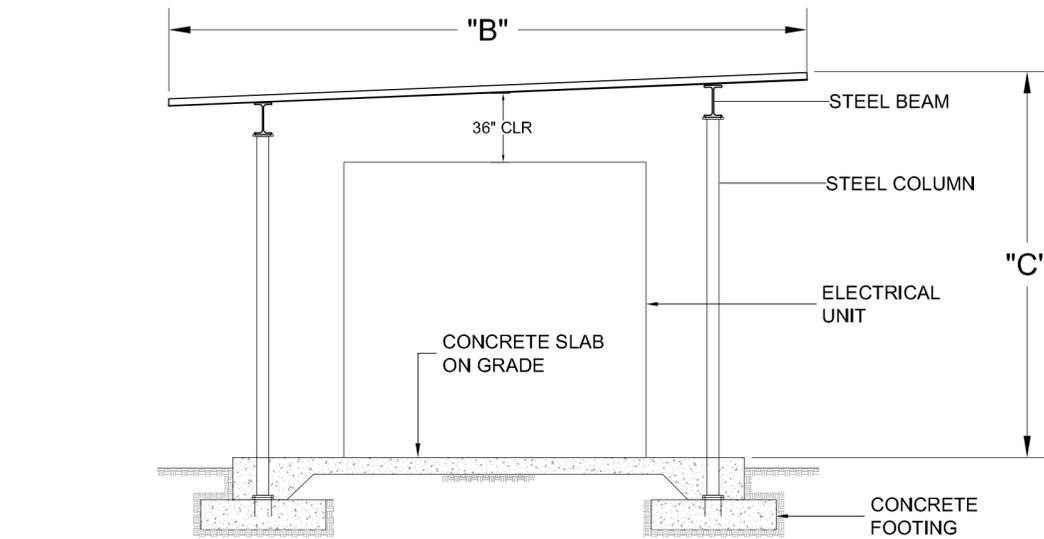
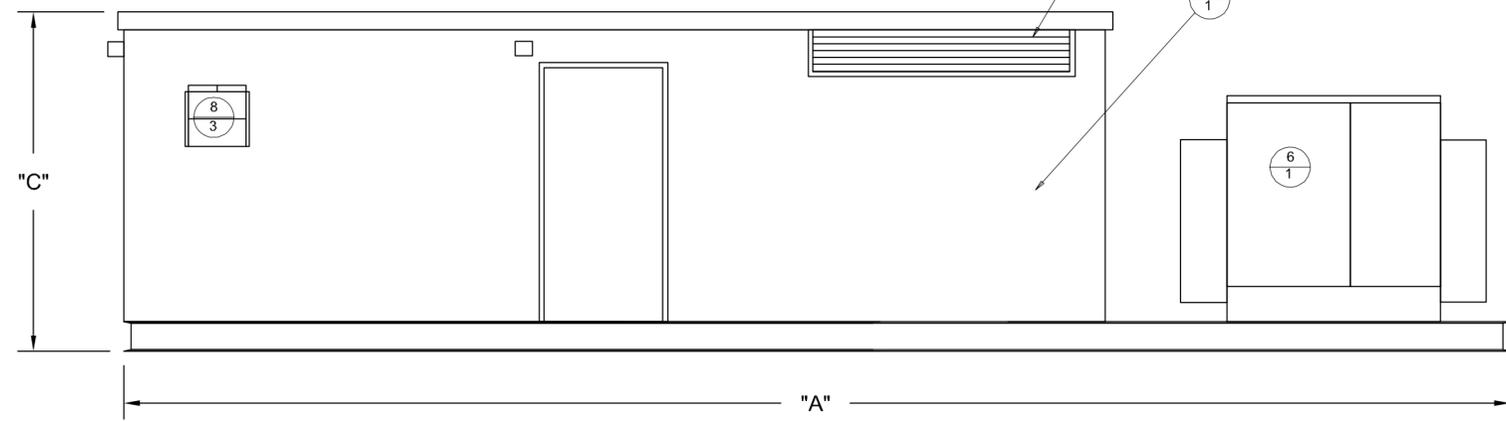
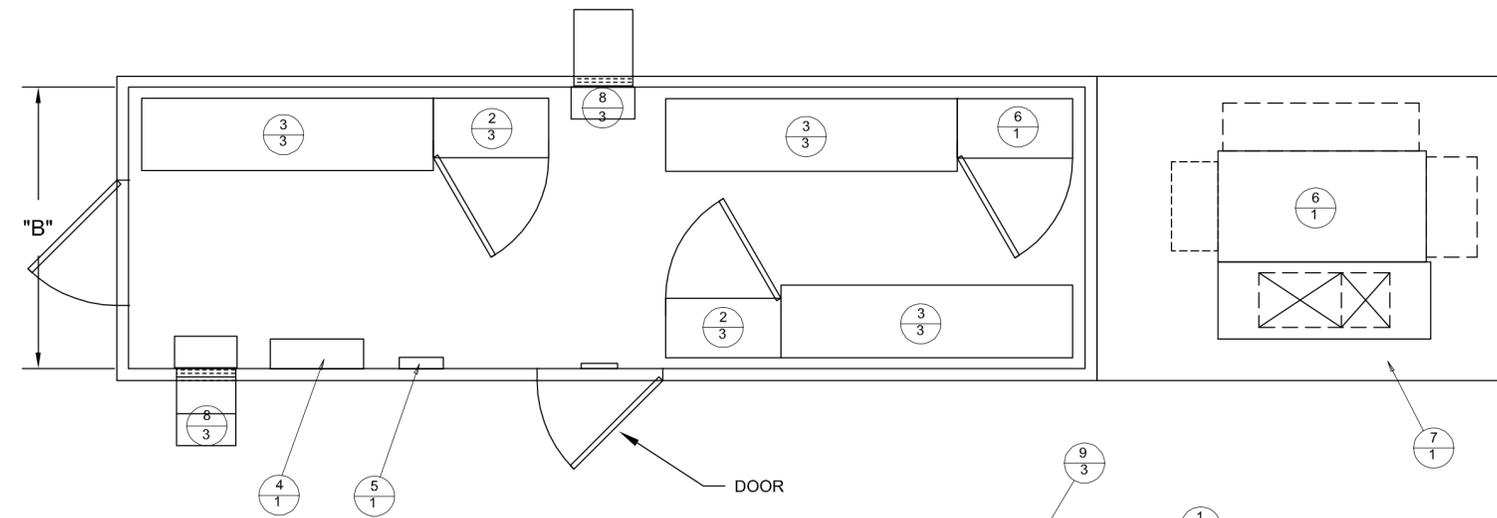
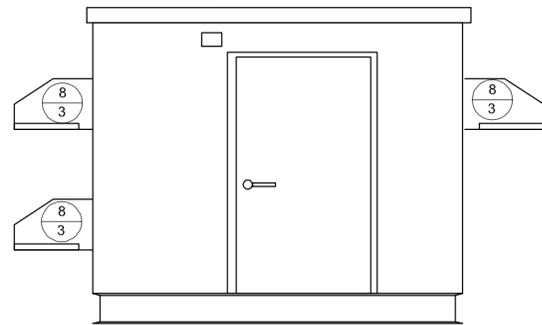
<b>PLOT PLAN 34.5 KV OVERHEAD</b>	
<b>SHEET NUMBER</b>	<b>REV.</b>
<b>C-120</b>	<b>0</b>

FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR 60212653\400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR\C-120 PLOT PLAN.DWG  
LAST SAVED BY: ORTIZG    PLOT DATE: 7/20/2012 3:18:29 PM

# INVERTER DIMENSION

INVERTER RATING (MW)	DIMENSION ( FT )		
	"A"	"B"	"C"
1.36	25	10	12
2.00	40	10	12

REV	ITEM	QTY	DESCRIPTION
1	1	1	PRECAST SHELTER
2			PRIMARY RE-COMBINER BOX, 16 X 150A MCCC (QTY OF 2 OR 3)
3			XC 680 INVERTER (QTY OF 2 OR 3)
4	1		SCADA
5	1		POWER PANEL
6	1		TRANSFORMER
7	1		STEEL SKID
8	3		INTAKE AIR FANS
9	3		EXHAUST LOUVERS



## OPEN INVERTER ON SKID WITH SUN SHADE

Scale: NA



DESIGNER

**AECOM**

AECOM TECHNICAL SERVICES, INC  
440 Stevens Avenue, Suite 250  
Solana Beach, CA 98075  
858.947.7144 tel 858.947.7145 fax  
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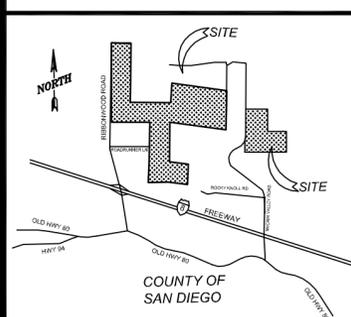
CLIENT



Soitec Solar Development, LLC

4250 Executive Square, Suite 770  
San Diego, CA 92037-9178

### VICINITY MAP



### OWNER INFORMATION

NAME: SEE TABLE AT C-100  
ADDRESS:  
CITY:  
STATE:  
ZIP:  
PHONE:  
FAX:  
EMAIL:

### CONTACT INFORMATION

NAME: Pat Brown  
ADDRESS: 4250 Executive Square, Suite 770  
CITY: La Jolla  
STATE: CA  
ZIP: 92037  
PHONE: (858) 652-4423  
FAX:  
EMAIL: patrick.brown@soitec.com

### PARCEL INFORMATION

6120300100, 6120301900, 6110910700, 6110910300,  
APN: 6110900400, 6110600400, 6110900200, 6111000100,  
6111000200, 6111100100  
SITE ADDRESS:  
North of I-8, east of Ribbonwood Road, on both sides of  
McCain Valley Road.  
I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND  
BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM  
THE DESIGNER OF THE PROPOSED PROJECT:  
DESIGNER SIGNATURE REQUIRED DATE

### PROJECT INFORMATION

EXISTING:  
Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads.  
PROPOSED:  
Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.

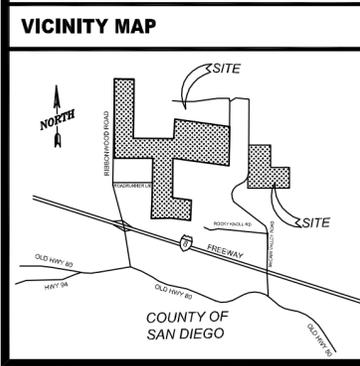
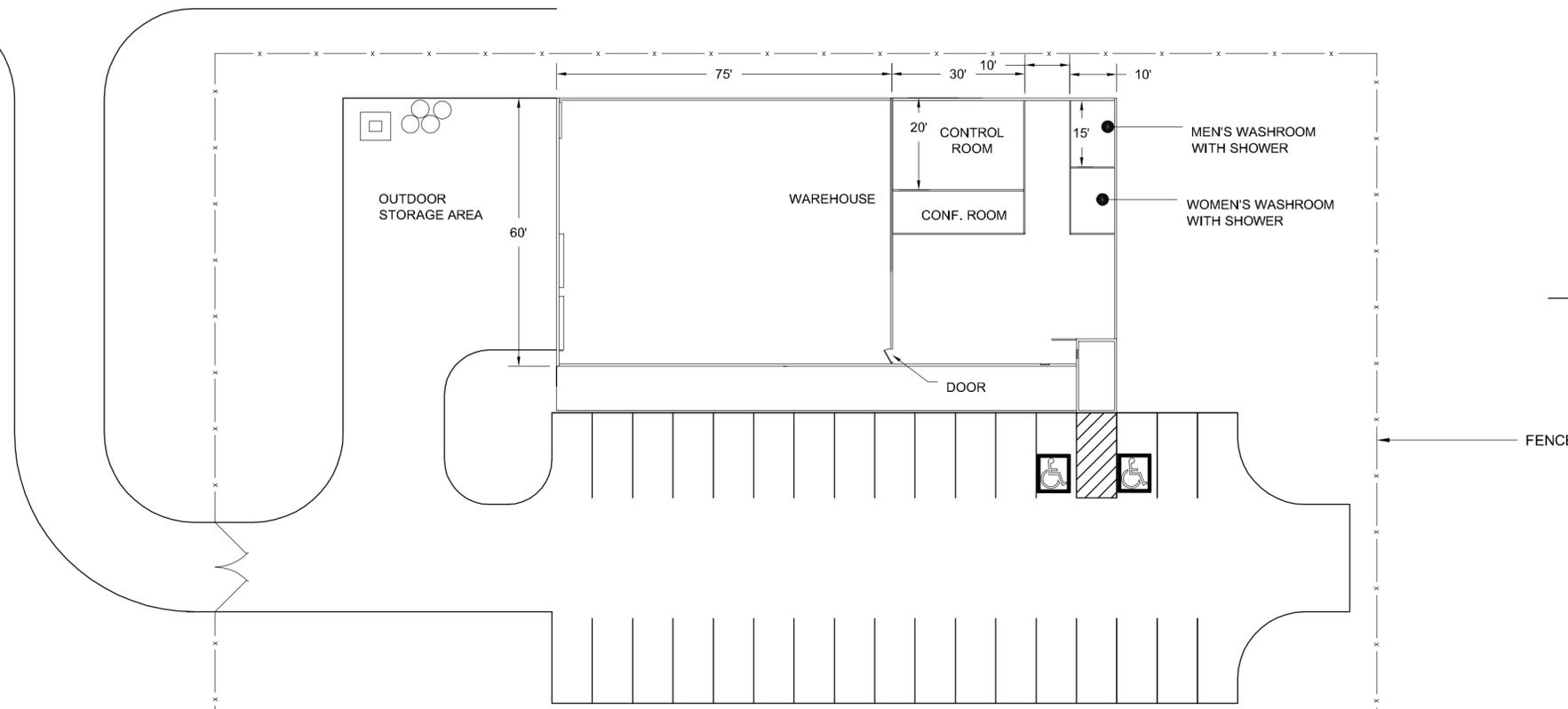
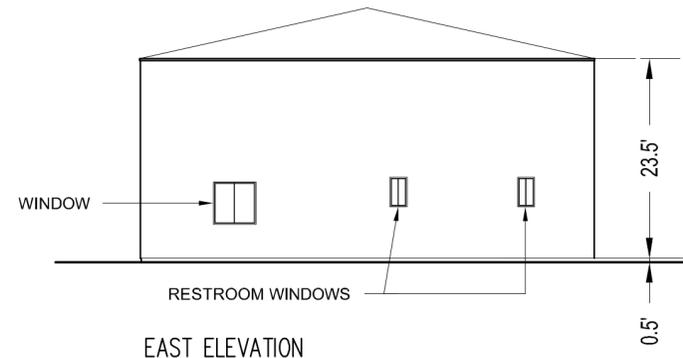
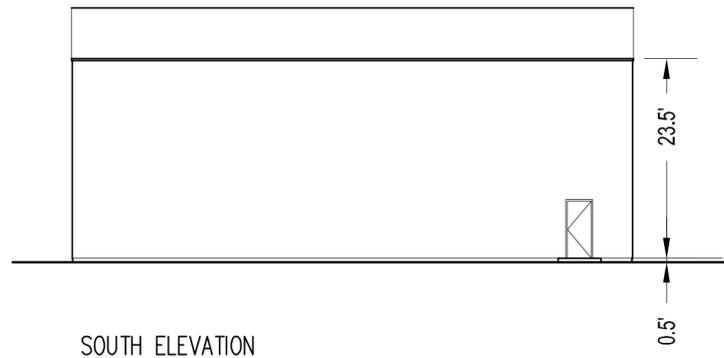
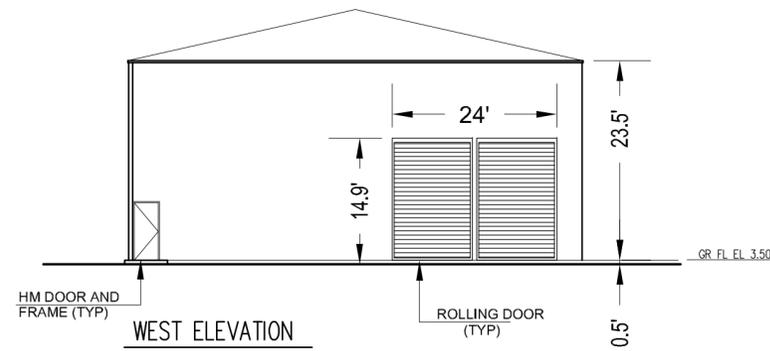
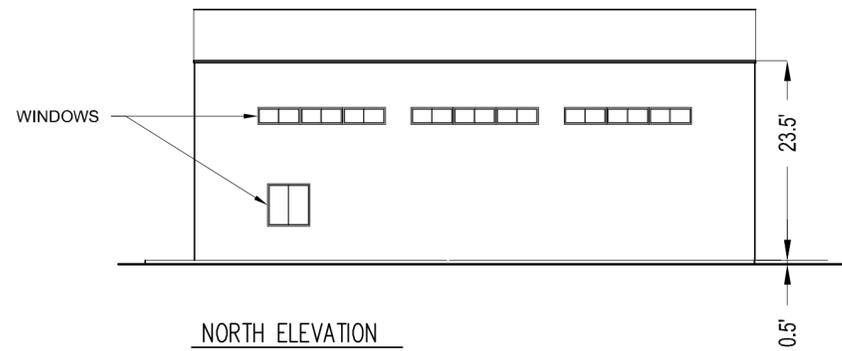
### PLOT PLAN INFORMATION

CPV System Summary	
Approx. Number of Trackers:	3588
Tracker per BB:	58
Number of BB:	61
Total AC Capacity (MWs):	Approx. 84 MW
Inverter Skid AC Capacity (MWs):	1.36 to 2.0
No. of 1.36 MW Inverter Skids:	61
Total Lot Size (Acres):	765
Estimated Disturbed Acreage:	474
Coverage Ratio:	20%

### SHEET TITLE

1.36 / 2.0 MW INVERTER BOX DESIGN	
SHEET NUMBER	REV.
C-130	0

FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR 60212653400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\CADD SOLAR CPV LAYOUT\RUGGED SOLAR\C-C-130.DWG  
LAST SAVED BY: ORTIZG PLOT DATE: 7/20/2012 11:44:17 AM



OWNER INFORMATION	
NAME:	SEE TABLE AT C-100
ADDRESS:	
CITY:	
STATE:	
ZIP:	
PHONE:	
FAX:	
EMAIL:	

CONTACT INFORMATION	
NAME:	Pat Brown
ADDRESS:	4250 Executive Square, Suite 770
CITY:	La Jolla
STATE:	CA
ZIP:	92037
PHONE:	(858) 652-4423
FAX:	
EMAIL:	patrick.brown@soitec.com

PARCEL INFORMATION	
6120300100,6120301900,6110910700,6110910300, APN:6110900400,6110600400,6110900200,6111000100, 6111000200,6111100100	
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DESIGNER SIGNATURE REQUIRED	DATE

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No. of 1.36 MW Inverter Skids:	61
Total Lot Size (Acres):	765
Estimated Disturbed Acreage:	474
Coverage Ratio:	20%

SHEET TITLE	
O & M BUILDING	
SHEET NUMBER	REV.
C-131	0

FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR 60212653400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\CADD SOLAR CPV LAYOUT\RUGGED SOLAR\C-131.DWG  
LAST SAVED BY: ORTIZG PLOT DATE: 7/20/2012 11:46:04 AM

# FENCE DETAILS: FOR SOITEC SOLAR FARMS

**AECOM**

DESIGNER

**AECOM**

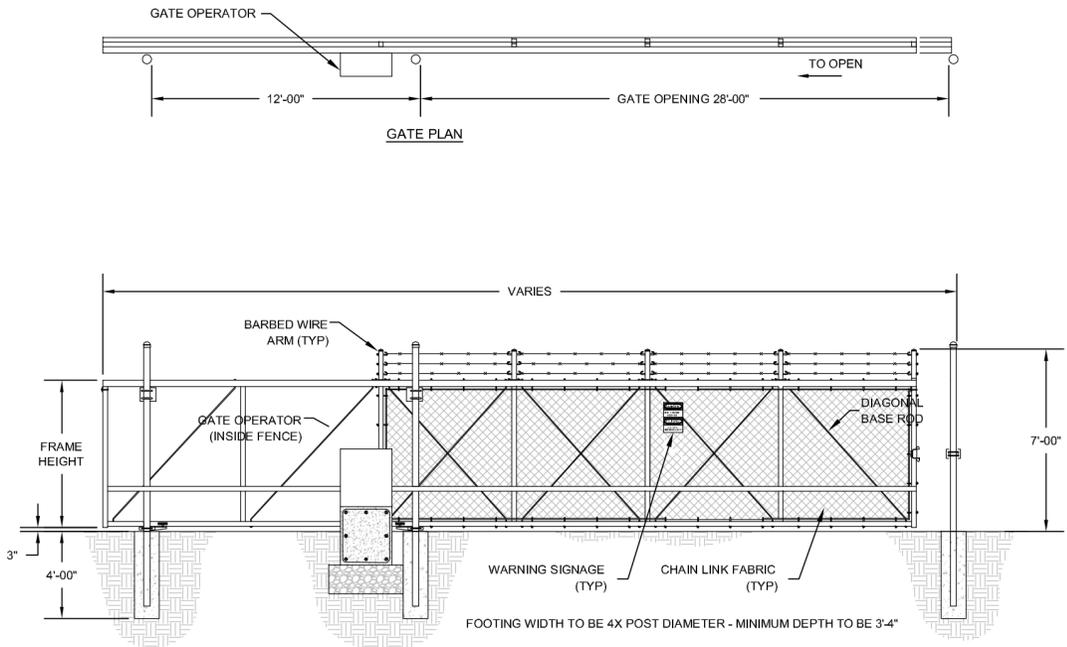
AECOM TECHNICAL SERVICES, INC  
440 Stevens Avenue, Suite 250  
Solana Beach, CA 98075  
858.947.7144 tel 858.947.7145 fax  
www.aecom.com

CLIENT



Soitec Solar Development, LLC

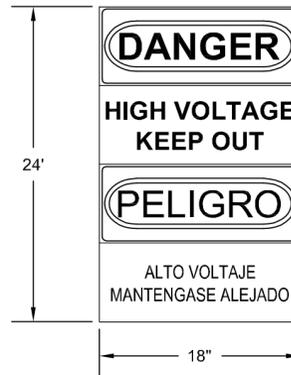
4250 Executive Square, Suite 770  
San Diego, CA 92037-9178



## 1 DETAIL - GATE

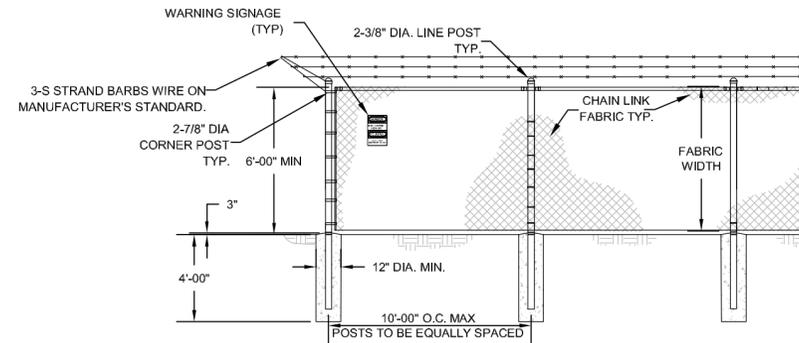
SINGLE MOTORIZED SLIDING GATE NTS

\* 4" DIAMETER POST FOR GATE LEAF LENGTH 35'-0" AND LESS



## 2 WARNING SIGNAGE

Scale: NTS



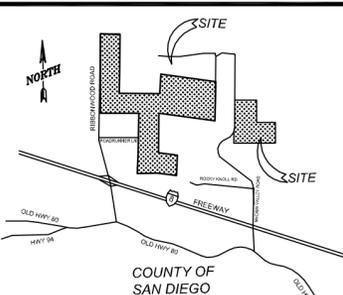
## 3 DETAIL - CHAIN LINK FENCE

NTS

FENCE NOTES:

- CHAIN LINK FABRIC SHALL BE 2" MESH NO.9 GAGE WERE SECURITY FASTED TO LINE POSTS AND RAILS. WIRE FASTENERS AND THE CLIPS SHALL BE NO.11 GAGE
- WIRE CONCRETE FOOTINGS SHALL HAVE TOPS CROWNED AT GROUND LEVEL.
- CHAIN LINK FENCE TO BE FITTED WITH UV- RESISTANT MESH FABRIC, COLOR PER CUSTOMER REQUEST.
- ELECTRICAL SAFETY SIGNAGE TO BE PLACED ALONG PERIMETER.

### VICINITY MAP



### OWNER INFORMATION

NAME: SEE TABLE AT C-100  
ADDRESS:  
CITY:  
STATE:  
ZIP:  
PHONE:  
FAX:  
EMAIL:

### CONTACT INFORMATION

NAME: Pat Brown  
ADDRESS: 4250 Executive Square, Suite 770  
CITY: La Jolla  
STATE: CA  
ZIP: 92037  
PHONE: (858) 652-4423  
FAX:  
EMAIL: patrick.brown@soitec.com

### PARCEL INFORMATION

6120300100,6120301900,6110910700,6110910300,  
APN:6110900400,6110600400,6110900200,6111000100,  
6111000200,6111100100

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DESIGNER SIGNATURE REQUIRED DATE

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### PLOT PLAN INFORMATION

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Estimated Disturbed Acreage:	474
Coverage Ratio:	20%

### SHEET TITLE

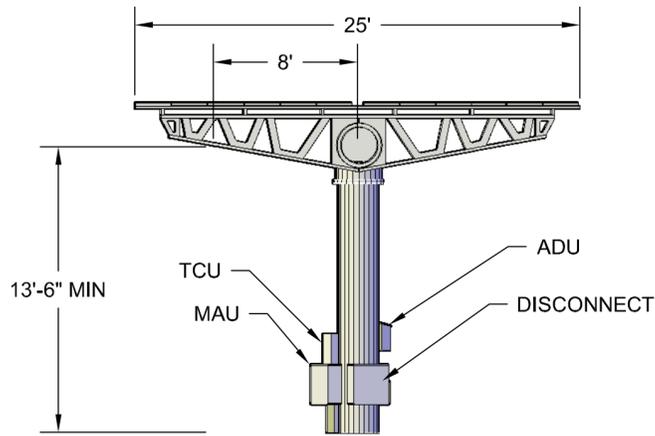
FENCE ELEVATION  
DETAIL

SHEET NUMBER REV.

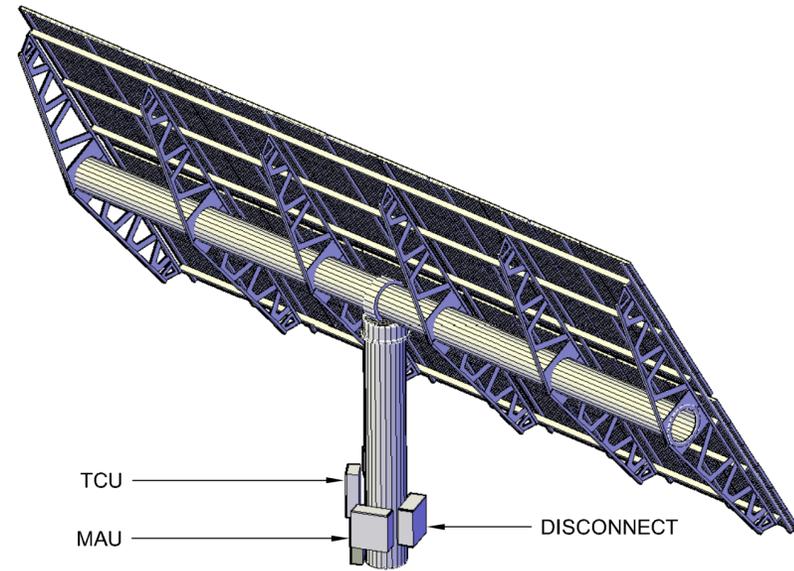
C-132

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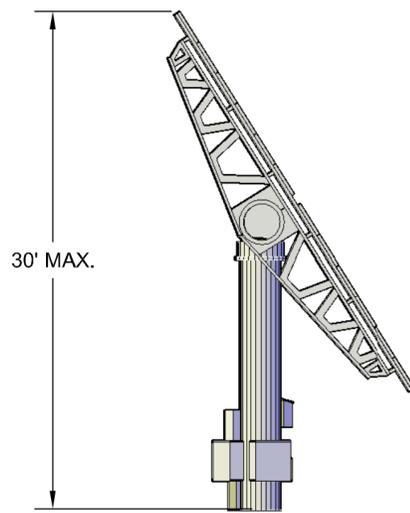
FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR 60212653400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR\C-132.DWG  
LAST SAVED BY: ORTIZG PLOT DATE: 7/20/2012 11:48:20 AM



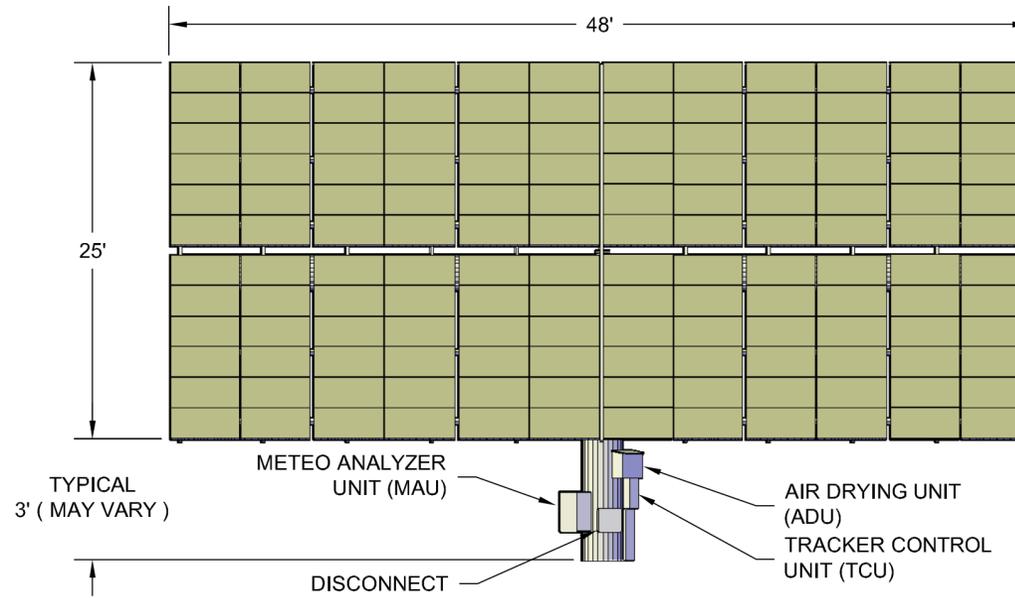
1 STOW MODE VIEW  
Scale: NTS



2 ISOMETRIC VIEW  
Scale: NTS



3 SIDE VIEW  
Scale: NTS



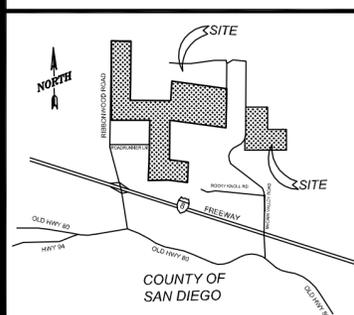
4 FRONT VIEW  
Scale: NTS

**PRELIMINARY,  
NOT FOR CONSTRUCTION**

**DESIGNER**  
**AECOM**  
AECOM TECHNICAL SERVICES, INC  
440 Stevens Avenue, Suite 250  
Solana Beach, CA 98075  
858.947.7144 tel 858.947.7145 fax  
www.aecom.com

**CLIENT**  
**Soitec**  
Soitec Solar Development, LLC  
4250 Executive Square, Suite 770  
San Diego, CA 92037-9178

**VICINITY MAP**



**OWNER INFORMATION**

NAME: SEE TABLE AT C-100  
ADDRESS:  
CITY:  
STATE:  
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PHONE:  
FAX:  
EMAIL:

**CONTACT INFORMATION**

NAME: Pat Brown  
ADDRESS: 4250 Executive Square, Suite 770  
CITY: La Jolla  
STATE: CA  
ZIP: 92037  
PHONE: (858) 638-0979  
FAX:  
EMAIL: patrick.brown@soitec.com

**PARCEL INFORMATION**

6120300100,6120301900,6110910700,6110910300,  
APN:6110900400,6110600400,6110900200,6111000100,  
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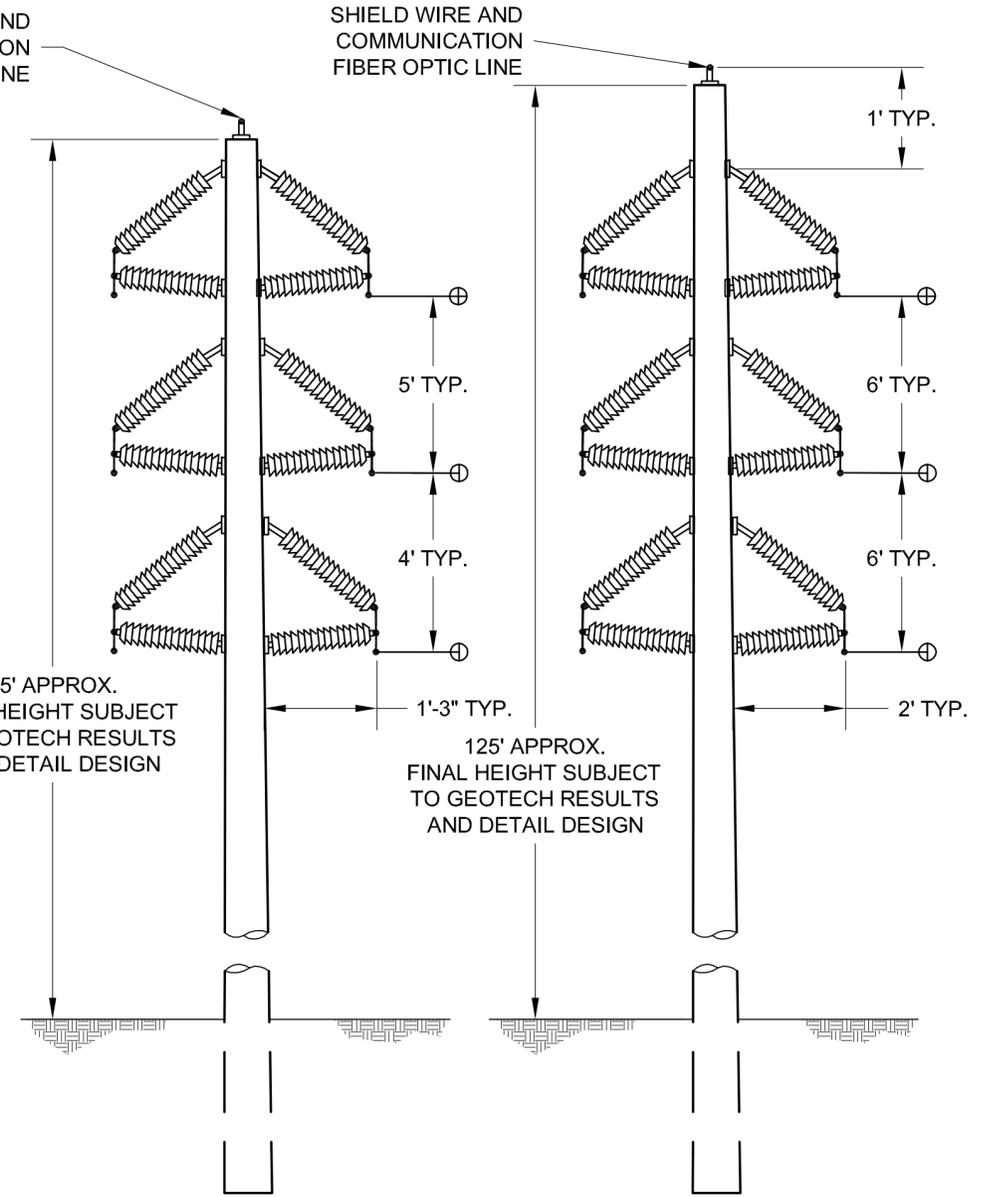
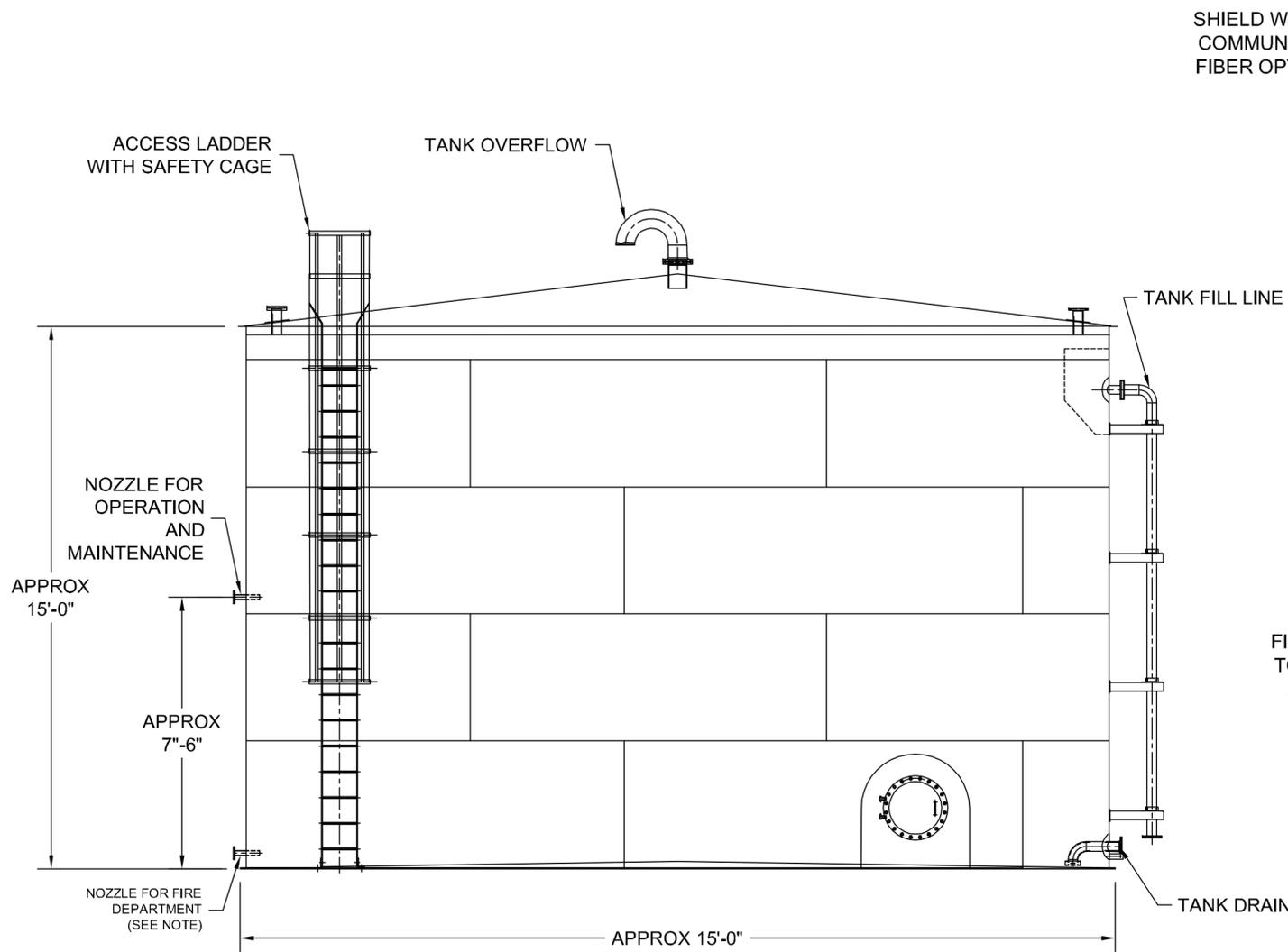
**PLOT PLAN INFORMATION**

CPV System Summary	
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No. of 1.36 MW Inverter Skids:	61
Total Lot Size (Acres):	765
Estimated Disturbed Acreage:	474
Coverage Ratio:	20%

**SHEET TITLE**

TRACKER ELEVATION DETAIL	
SHEET NUMBER	REV.
C-133	0

FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR 60212653\400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR\C-133 CPV TRACKER.DWG  
LAST SAVED BY: ORTIZG PLOT DATE: 7/20/2012 12:03:40 PM



34.5 KV OVERHEAD,  
 DUAL CIRCUIT

34.5 KV / 69 KV OVERHEAD

**NOTE:**

IN ACCORDANCE WITH SECTION 507.2.2 IN TITLE 9, DIVISION 6, CHAPTER 1 OF THE SAN DIEGO COUNTY CODE:

1. THE SUPPLY OUTLET SHALL BE AT LEAST 4 INCHES IN DIAMETER FROM THE BASE OF THE TANK TO THE POINT OF OUTLET AT THE FIRE DEPARTMENT CONNECTION. THE FIRE DEPARTMENT CONNECTION SHALL BE AT LEAST ONE 4-INCH NATIONAL STANDARD THREAD (MALE), REDUCE TO ONE 2½ INCH NATIONAL STANDARD THREAD (MALE). ADDITIONAL OUTLETS MAY BE REQUIRED.
2. THE LOCATION OF THE FIRE DEPARTMENT OUTLET TO BE DETERMINED ON THE PLOT PLAN WHEN SUBMITTED TO THE FIRE DEPARTMENT. CONSIDERATION WILL BE GIVEN TO TOPOGRAPHY, ELEVATIONS, AND DISTANCE FROM STRUCTURES, DRIVEWAY ACCESS, PREVAILING WINDS, ETC.
3. THE OUTLET SHALL BE LOCATED ADJACENT TO THE FIRE ACCESS ROAD.

WATER TANK

**PRELIMINARY,  
 NOT FOR CONSTRUCTION**

VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE				
	NAME: SEE TABLE ABOVE ADDRESS: CITY: STATE: ZIP: PHONE: FAX: EMAIL:	NAME: Pat Brown ADDRESS: 4250 Executive Square, Suite 770 CITY: La Jolla STATE: CA ZIP: 92037 PHONE: (858) 652-4423 FAX: EMAIL: patrick.brown@soitec.com	6120300100,6120301900,6110910700,6110910300, APN:6110900400,6110600400,6110900200,6111000100, 6111000200,6111100100 SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road. I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT: _____ DESIGNER SIGNATURE REQUIRED      DATE	<b>EXISTING:</b> Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads. <b>PROPOSED:</b> Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3588 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.	CPV System Summary Approx. Number of Trackers: 3588 Tracker per BB: 58 Number of BB: 61 Total AC Capacity (MWs): Approx. 84 MW Inverter Skid AC Capacity (MWs): 1.36 to 2.0 No. of 1.36 MW Inverter Skids: 61 Total Lot Size (Acres): 765 Estimated Disturbed Acreage: 474 Coverage Ratio: 20%	<b>WATER TANK &amp;                      34.5kV / 69kV OVERHEAD                      ELEVATION DETAIL</b> <table border="1"> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> <tr> <td><b>C-134</b></td> <td><b>0</b></td> </tr> </table>	SHEET NUMBER	REV.	<b>C-134</b>	<b>0</b>
SHEET NUMBER	REV.									
<b>C-134</b>	<b>0</b>									

FILE NAME: P:\10 ENERGY WEST\_CURRENT\SOITEC SOLAR 60212653\400 TECHNICAL\401 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR\C-134.DWG  
 LAST SAVED BY: ORTIZG    PLOT DATE: 7/20/2012 2:38:21 PM

# FUEL TREATMENT EXHIBIT

## 80MW SOLAR SYSTEM

### RUGGED SOLAR LLC



ENGINEERING SCALE: 1"=1000'-0"

- LEGEND:**
- WETLANDS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
  - OAKS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
  - JURISDICTIONAL WATER ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
  - CPV TRACKER
  - INVERTER
  - SECURITY FENCE
  - TEMPORARY ASSEMBLY SITE
  - PROPERTY LINE
  - SECONDARY ACCESS/FIRE ROAD
  - SERVICE ROAD
  - 34.5kV OVERHEAD COLLECTOR TRUNK LINE

