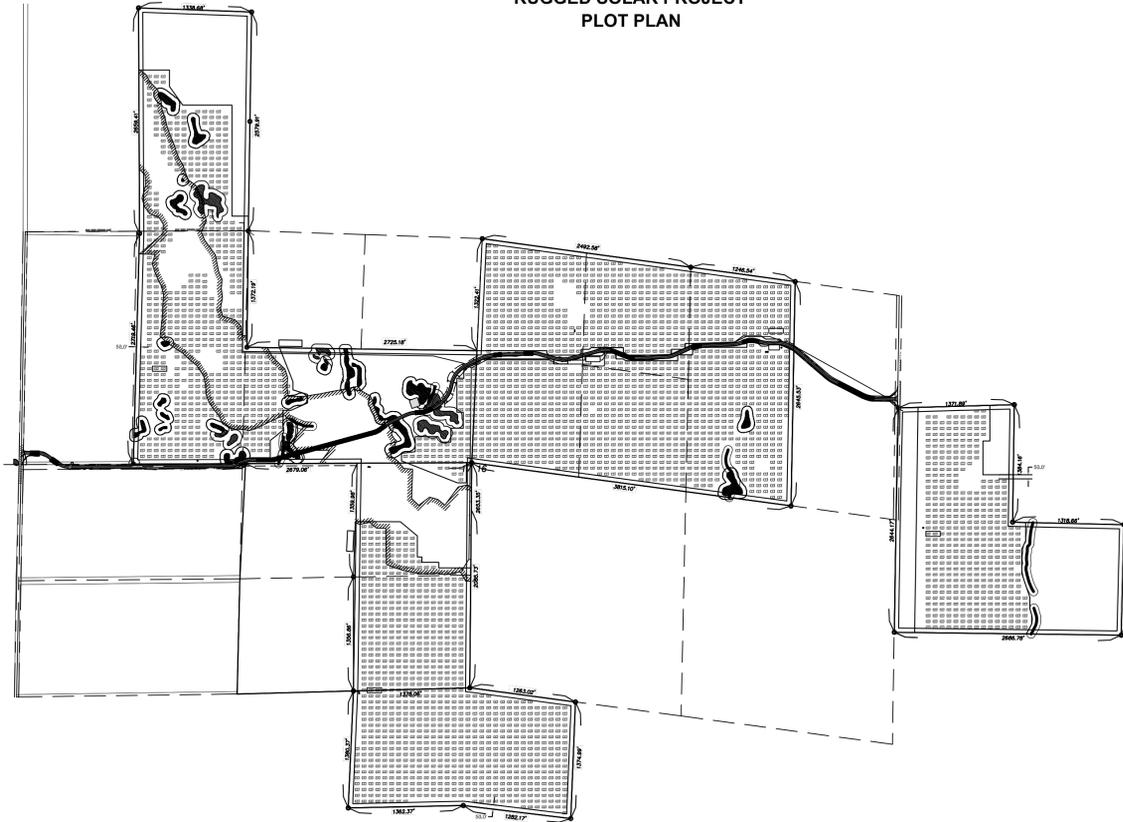
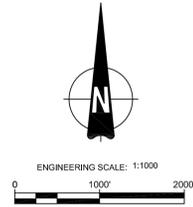


RUGGED SOLAR LLC

RUGGED SOLAR PROJECT

PLOT PLAN



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

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-107 ROAD DETAIL

- 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 98075
 858.947.7144 tel 858.947.7145 fax
 www.aecom.com



Soitec Solar Development, LLC
 16550 Via Esprillo
 San Diego, CA 92127

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

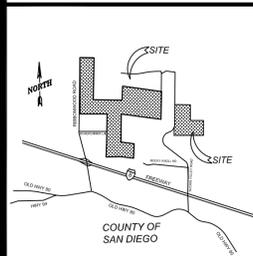
GENERAL NOTES:

1. 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.
2. 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.
3. At no point does the change of grade, along the primary access road, exceed 10%.
4. Detailed cross sections of the roads are provided on the preliminary grading plan.
5. All compaction requirements are listed on the preliminary grading plan.
6. Turnaround shall be designed in accordance with County of San Diego Design Standard DS-06 for a county emergency fire apparatus.
7. The project site is not located in a designated flood plain, therefore lines of inundation are not shown.
8. Temporary and Permanent BMPs are shown on the preliminary grading plan.
9. All coordinates shown are state plane coordinates based on CCS83, Zone 6 (2007.00 Epoch).
10. All dimensions are shown in Decimal Feet.
11. 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.
12. Solar related facilities (panels, electrical connections, transformer / inverter platform, emergency generator, fencing, internal access and switchgear platform, etc.) shown on the plot plan maybe relocated, reconfigured, and / or resized within the solar facility development area (exclusive of any open space areas) with the administrative approval of the director of PDS when found in conformance with the intent and conditions of permit's approval. Transformer / Inverter / Generator size, locations, brand, electrical size can be relocated, replaced or reconfigured without requirement of minor deviation.
13. Areas designated as "SPECIAL FUEL MODIFICATION ZONES" are to be cleared of existing vegetation, then covered with landscaping fabric and weighted down using a surfacing material of crushed stone.
14. Along the length of the perimeter fencing, every 750 feet, a pedestrian gate will be located that is 3 feet wide and padlocked with a chain and fire key.
15. Roads moved per fire department.

SIGHT DISTANCE:
To be submitted under separate cover

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)
TOTAL TRACKER	434	864	807	1483

VICINITY MAP



OWNER INFORMATION

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

CONTACT INFORMATION

NAME: Pat Brown
 ADDRESS: 16550 Via Esprillo
 CITY: San Diego
 STATE: CA
 ZIP: 92127
 PHONE: (858) 746-9000
 FAX:
 EMAIL: patrick.brown@soitec.com

PARCEL INFORMATION

APN: 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

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 3564 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: 3564

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

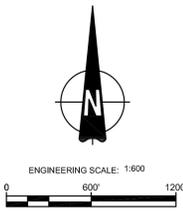
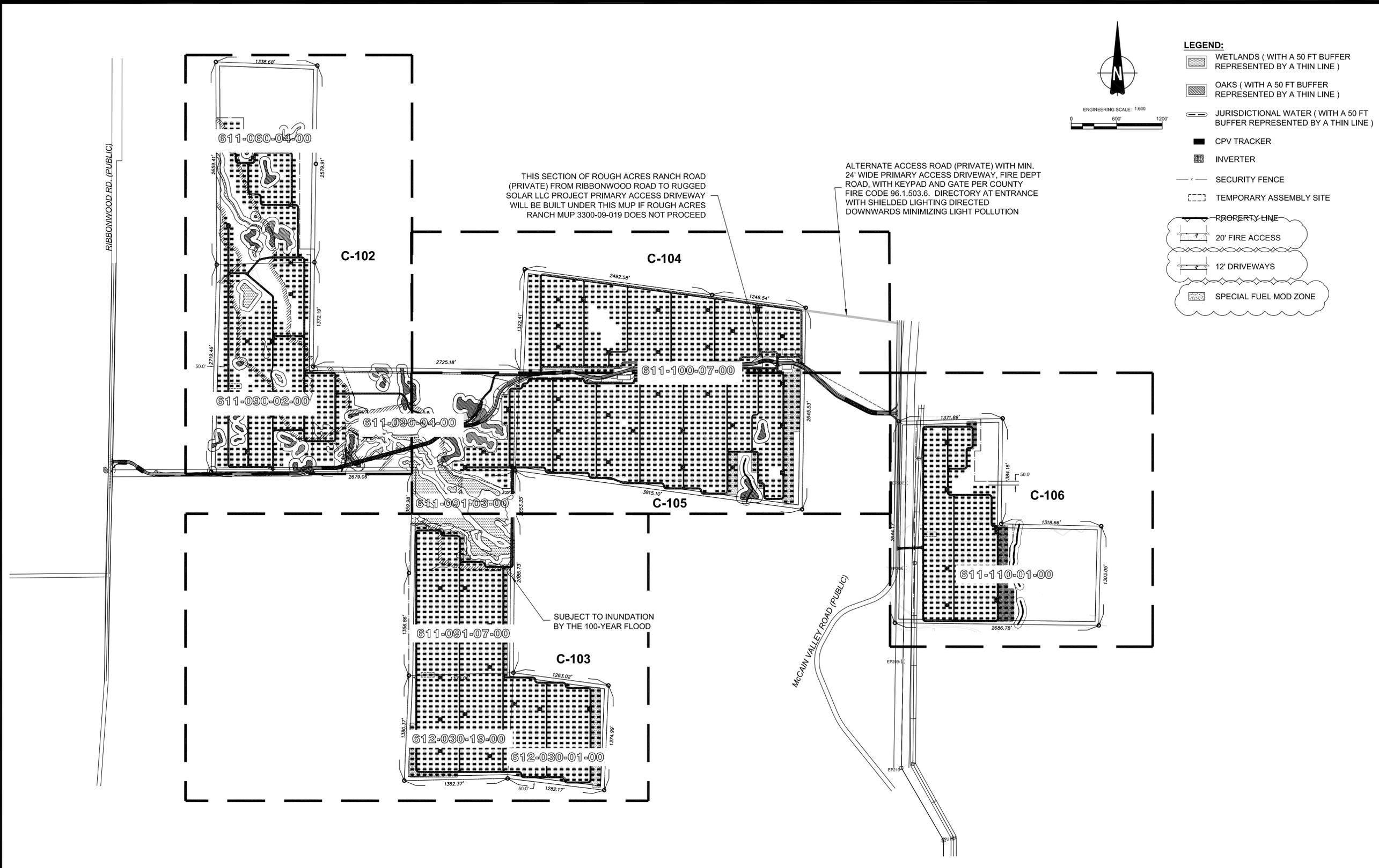
Total Lot Size (Acres): 765

Estimated Disturbed Acreage: 47

Coverage Ratio: 20%

SHEET TITLE

LEGEND, SYMBOLS & ABBREVIATIONS & NOTES	
SHEET NUMBER	REV.
C-100	1



- 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
 - 20' FIRE ACCESS
 - 12' DRIVEWAYS
 - SPECIAL FUEL MOD ZONE

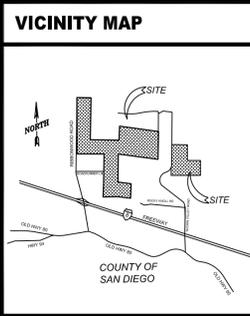
AECOM
DESIGNER

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
16550 Via Esprillo
San Diego, CA 92127



VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE
	NAME: SEE TABLE AT C-100	NAME: Pat Brown	APN: 6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100	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.	CPV System Summary Approx. Number of Trackers: 3564 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: 47 Coverage Ratio: 20%	PLOT PLAN SHEET MAP
	ADDRESS:	ADDRESS: 16550 Via Esprillo	SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road	PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3564 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.		
	CITY:	CITY: San Diego	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:			
	STATE:	STATE: CA	DESIGNER SIGNATURE REQUIRED			
	ZIP:	ZIP: 92127	DATE			
	PHONE:	PHONE: (858) 746-9000				
	FAX:	FAX:				
	EMAIL:	EMAIL: patrick.brown@soitec.com				

OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE
NAME: SEE TABLE AT C-100	NAME: Pat Brown	APN: 6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100	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.	CPV System Summary Approx. Number of Trackers: 3564 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: 47 Coverage Ratio: 20%	PLOT PLAN SHEET MAP
ADDRESS:	ADDRESS: 16550 Via Esprillo	SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road	PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3564 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.		
CITY:	CITY: San Diego	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		
STATE:	STATE: CA	DESIGNER SIGNATURE REQUIRED	DATE		
ZIP:	ZIP: 92127				
PHONE:	PHONE: (858) 746-9000				
FAX:	FAX:				
EMAIL:	EMAIL: patrick.brown@soitec.com				

CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE
NAME: Pat Brown	APN: 6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100	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.	CPV System Summary Approx. Number of Trackers: 3564 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: 47 Coverage Ratio: 20%	PLOT PLAN SHEET MAP
ADDRESS: 16550 Via Esprillo	SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road	PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3564 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.		
CITY: San Diego	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		
STATE: CA	DESIGNER SIGNATURE REQUIRED	DATE		
ZIP: 92127				
PHONE: (858) 746-9000				
FAX:				
EMAIL: patrick.brown@soitec.com				

PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE
APN: 6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100	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.	CPV System Summary Approx. Number of Trackers: 3564 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: 47 Coverage Ratio: 20%	PLOT PLAN SHEET MAP
SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road	PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3564 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.		
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		
DESIGNER SIGNATURE REQUIRED	DATE		

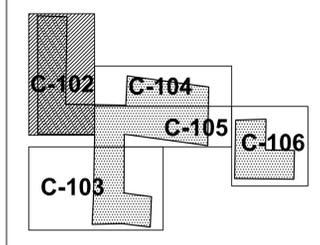
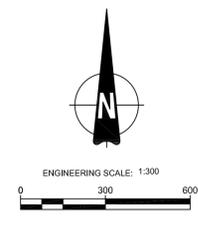
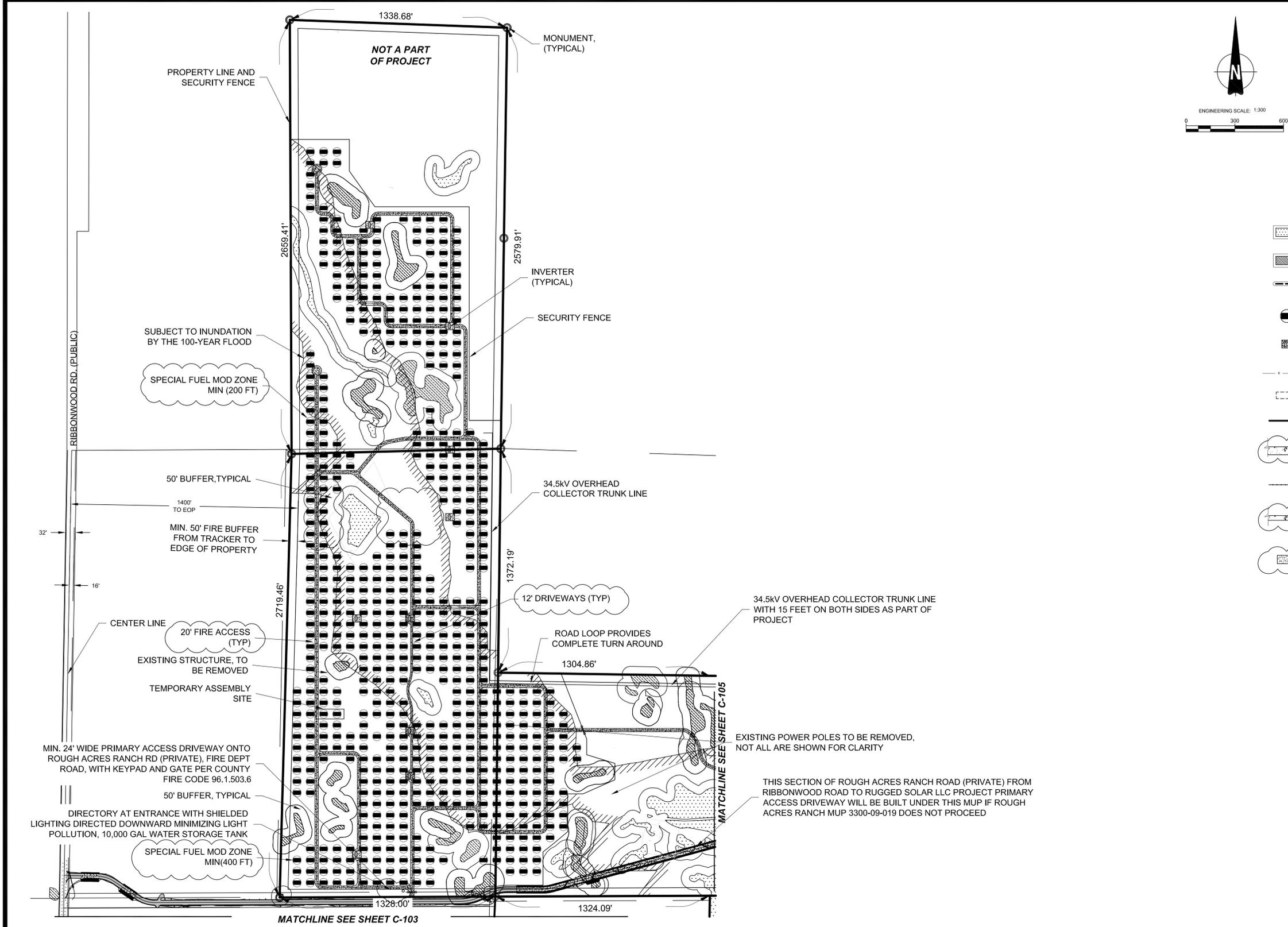
PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE
EXISTING: Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads.	CPV System Summary Approx. Number of Trackers: 3564 Tracker per 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: 47 Coverage Ratio: 20%	PLOT PLAN SHEET MAP
PROPOSED: Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3564 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.		
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		

PLOT PLAN INFORMATION	SHEET TITLE
CPV System Summary Approx. Number of Trackers: 3564 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: 47 Coverage Ratio: 20%	PLOT PLAN SHEET MAP

SHEET NUMBER	REV.
C-101	1

PRELIMINARY NOT FOR CONSTRUCTION ARCH'D 24" x 36"

FILE NAME: P:\10 ENERGY WEST - CURRENT\1 - CONCENTRATOR SOLAR - 602126534001 - PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\ACAD SOLAR CPV LAYOUT\RUGGED SOLAR-C-102 PLOT PLAN.DWG
LAST SAVED BY: ORTEGO PLOT DATE: 9/20/2013 8:50:40 AM



PLOT PLAN KEY MAP

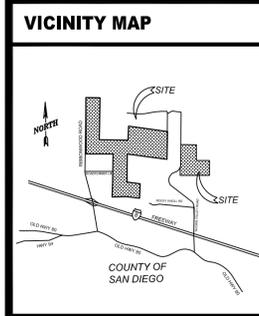
LEGEND:

- 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
- 20' FIRE ACCESS
- 34.5kV OVERHEAD COLLECTOR TRUNK LINE
- 12' DRIVEWAYS
- SPECIAL FUEL MOD ZONE

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
 16550 Via Esprillo
 San Diego, CA 92127



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: 16550 Via Esprillo CITY: San Diego STATE: CA ZIP: 92127 PHONE: (858) 746-9000 FAX: EMAIL: patrick.brown@soitec.com	APN: 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 _____	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 3564 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: 3564 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: 47 Coverage Ratio: 20%	PLOT PLAN (NORTH WEST) <table border="1"> <thead> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> </thead> <tbody> <tr> <td>C-102</td> <td>1</td> </tr> </tbody> </table>	SHEET NUMBER	REV.	C-102	1
SHEET NUMBER	REV.									
C-102	1									

OWNER INFORMATION	CONTACT INFORMATION
NAME: SEE TABLE AT C-100 ADDRESS: CITY: STATE: ZIP: PHONE: FAX: EMAIL:	NAME: Pat Brown ADDRESS: 16550 Via Esprillo CITY: San Diego STATE: CA ZIP: 92127 PHONE: (858) 746-9000 FAX: EMAIL: patrick.brown@soitec.com

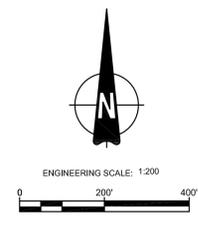
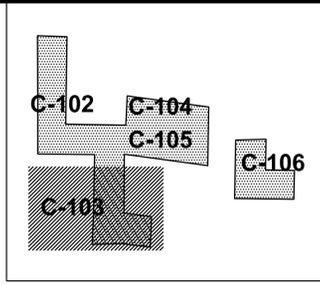
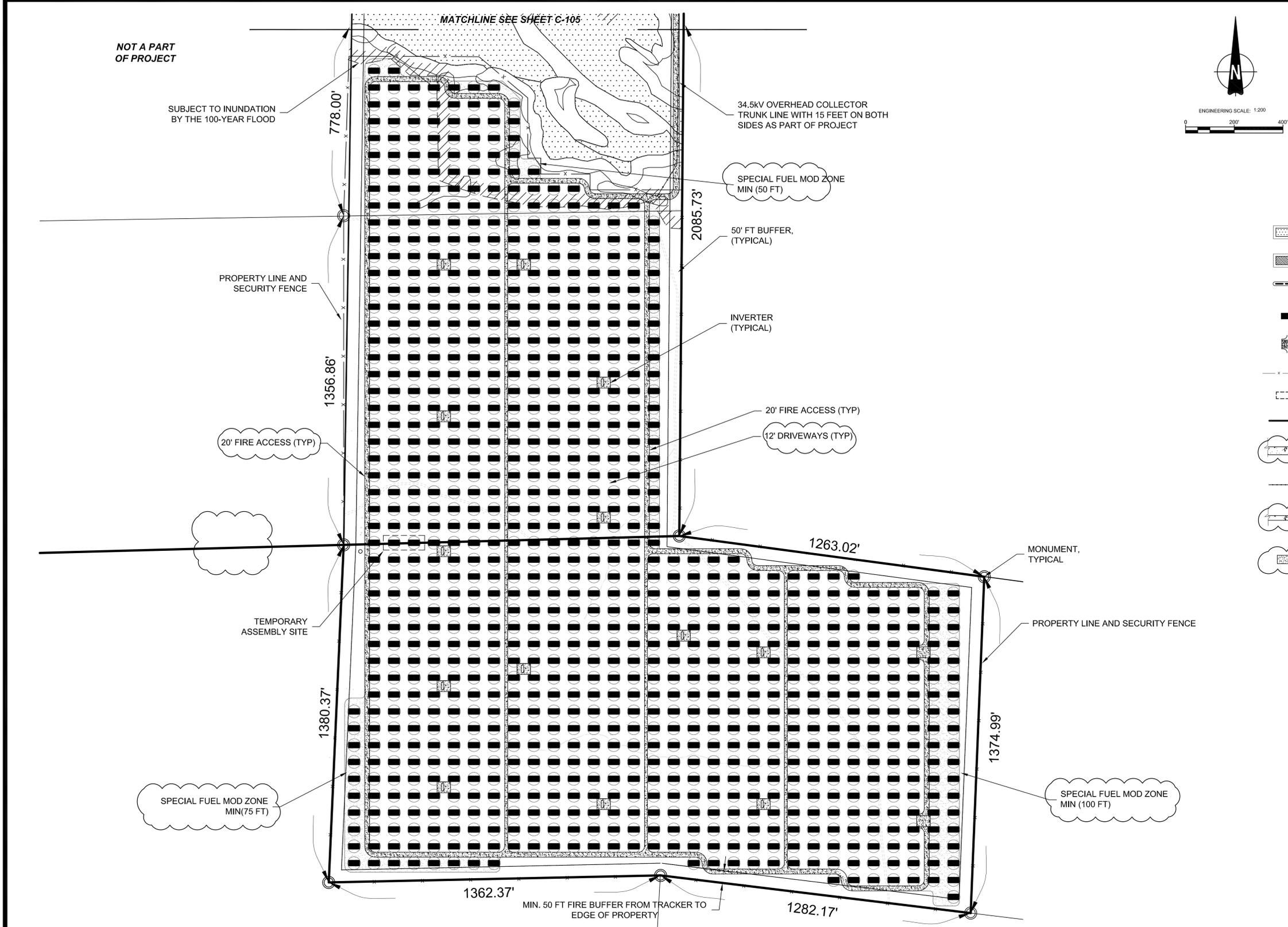
CONTACT INFORMATION	PARCEL INFORMATION
NAME: Pat Brown ADDRESS: 16550 Via Esprillo CITY: San Diego STATE: CA ZIP: 92127 PHONE: (858) 746-9000 FAX: EMAIL: patrick.brown@soitec.com	APN: 6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100 SITE ADDRESS: North 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	PLOT PLAN 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 3564 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: 3564 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: 47 Coverage Ratio: 20%

PLOT PLAN INFORMATION	SHEET TITLE				
CPV System Summary Approx. Number of Trackers: 3564 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: 47 Coverage Ratio: 20%	PLOT PLAN (NORTH WEST) <table border="1"> <thead> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> </thead> <tbody> <tr> <td>C-102</td> <td>1</td> </tr> </tbody> </table>	SHEET NUMBER	REV.	C-102	1
SHEET NUMBER	REV.				
C-102	1				

PRELIMINARY NOT FOR CONSTRUCTION ARCH'D 24" x 36"

FILE NAME: P:\10 ENERGY WEST - CONCENTRATOR SOLAR - 602126534001 TECHNICAL\01 - PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\CADD SOLAR CPV LAYOUT\RUGGED SOLAR\C-103 PLOT PLAN.DWG
LAST SAVED BY: ORTEGO PLOT DATE: 9/20/13 9:33:17 AM

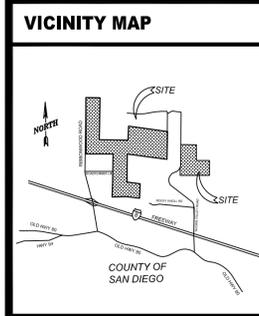


- LEGEND:**
- WETLANDS (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)
 - OAKS (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)
 - JURISDICTIONAL WATER (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)
 - CPV TRACKER
 - INVERTER
 - SECURITY FENCE
 - TEMPORARY ASSEMBLY SITE
 - PROPERTY LINE
 - 20' FIRE ACCESS
 - 34.5kV OVERHEAD COLLECTOR TRUNK LINE
 - 12' DRIVEWAYS
 - SPECIAL FUEL MOD ZONE

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
16550 Via Esprillo
San Diego, CA 92127



VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE
	NAME: SEE TABLE AT C-100	NAME: Pat Brown	6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100	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 3564 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: 3564 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: 47 Coverage Ratio: 20%	PLOT PLAN SOUTH
	ADDRESS:	ADDRESS: 16550 Via Esprillo	SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road			
	CITY:	CITY: San Diego	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 _____		SHEET NUMBER	REV.
	STATE:	STATE: CA		C-103		
	ZIP:	ZIP: 92127				
	PHONE:	PHONE: (858) 746-9000				
	FAX:	FAX:				
	EMAIL:	EMAIL: patrick.brown@soitec.com				

NAME: SEE TABLE AT C-100	NAME: Pat Brown
ADDRESS:	ADDRESS: 16550 Via Esprillo
CITY:	CITY: San Diego
STATE:	STATE: CA
ZIP:	ZIP: 92127
PHONE:	PHONE: (858) 746-9000
FAX:	FAX:
EMAIL:	EMAIL: patrick.brown@soitec.com

NAME: Pat Brown	6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100
ADDRESS: 16550 Via Esprillo	SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road
CITY: San Diego	
STATE: CA	
ZIP: 92127	
PHONE: (858) 746-9000	
FAX:	
EMAIL: patrick.brown@soitec.com	

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 3564 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: 3564 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: 47 Coverage Ratio: 20%
--	---

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 _____
--

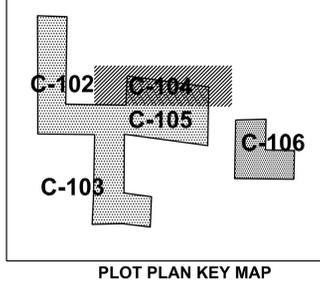
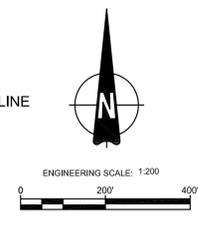
SHEET NUMBER	REV.
C-103	1

SHEET TITLE	
PLOT PLAN SOUTH	
SHEET NUMBER	REV.
C-103	1

PRELIMINARY NOT FOR CONSTRUCTION ARCH D 24' x 36'

FILE NAME: P10 ENERGY WEST CURRENTLY - CONCENTRIX SOLAR - 60212659400 TECHNICAL 401 PRELIMINARY ENGINEERING PLANS - CADD FILES ACAD SOLAR CPV LAYOUT TRIGGERED SOLAR-C-104 PLOT PLAN.DWG
LAST SAVED BY: ORTIZG PLOT DATE: 05/20/13 10:48:28 AM

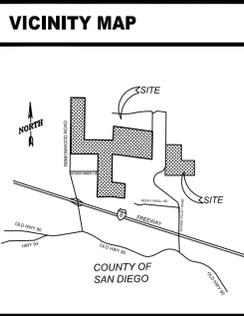
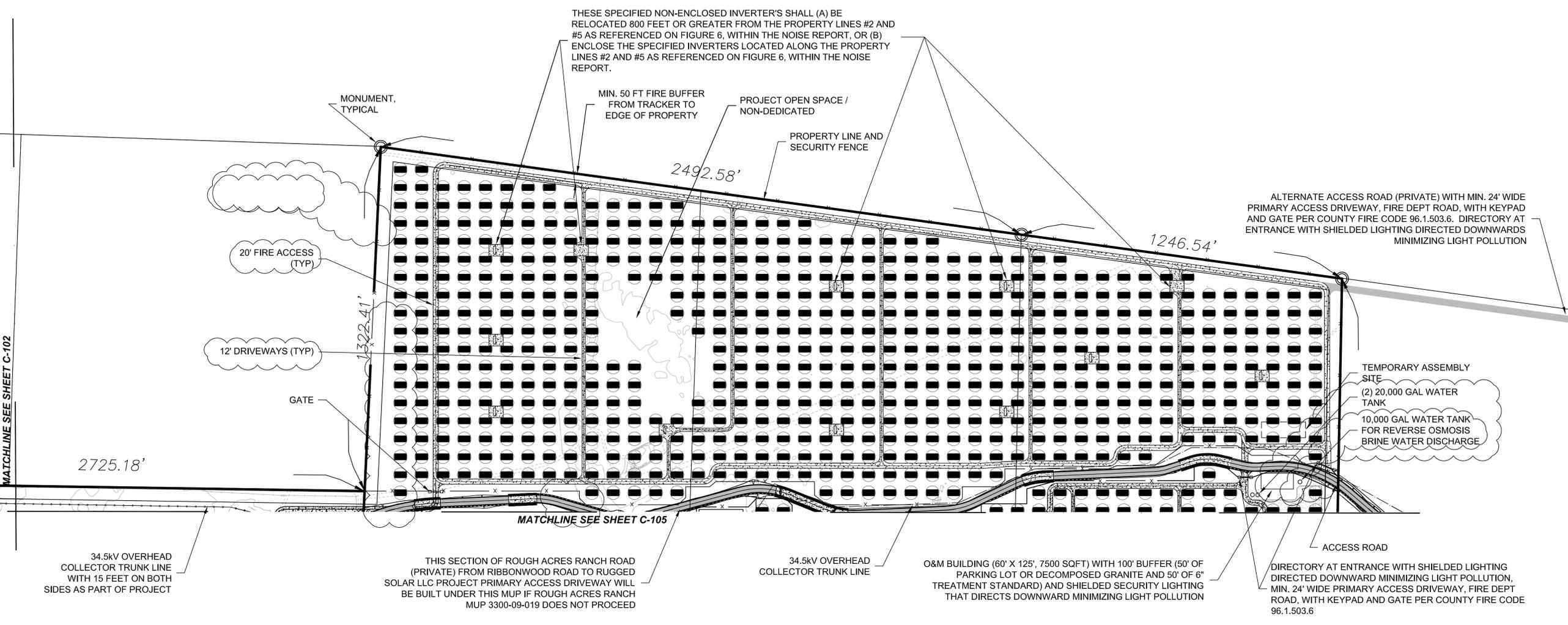
- LEGEND:**
- WETLANDS (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)
 - OAKS (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)
 - JURISDICTIONAL WATER (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)
 - CPV TRACKER
 - INVERTER
 - TEMPORARY ASSEMBLY SITE
 - PROPERTY LINE
 - SECURITY FENCE
 - 34.5kV OVERHEAD COLLECTOR / 69kV GEN-TIE CO-LOCATED ON SAME POLES
 - 34.5kV OVERHEAD COLLECTOR TRUNK LINE
 - 20' FIRE ACCESS
 - 12' DRIVEWAYS
 - SPECIAL FUEL MOD ZONE



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
16550 Via Esprillo
San Diego, CA 92127



VICINITY MAP	
[Vicinity Map Diagram]	

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

CONTACT INFORMATION	
NAME:	Pat Brown
ADDRESS:	16550 Via Esprillo
CITY:	San Diego
STATE:	CA
ZIP:	92127
PHONE:	(858) 746-9000
FAX:	
EMAIL:	patrick.brown@soitec.com

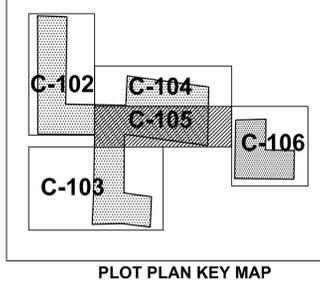
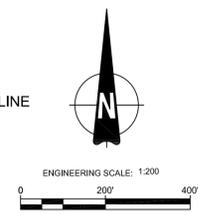
PARCEL INFORMATION	
APN:	6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100
SITE ADDRESS:	North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road
I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES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

PROJECT INFORMATION	
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 3564 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:	3564
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:	47
Coverage Ratio:	20%

SHEET TITLE	
PLOT PLAN CENTER TOP	
SHEET NUMBER	REV.
C-104	1

- 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
 - TEMPORARY ASSEMBLY SITE
 - PROPERTY LINE
 - SECURITY FENCE
 - 34.5kV OVERHEAD COLLECTOR / 69kV GEN-TIE CO-LOCATED ON SAME POLES
 - 34.5kV OVERHEAD COLLECTOR TRUNK LINE
 - 20' FIRE ACCESS
 - 12' DRIVEWAYS
 - SPECIAL FUEL MOD ZONE

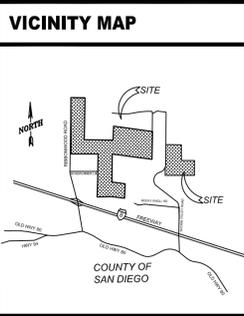
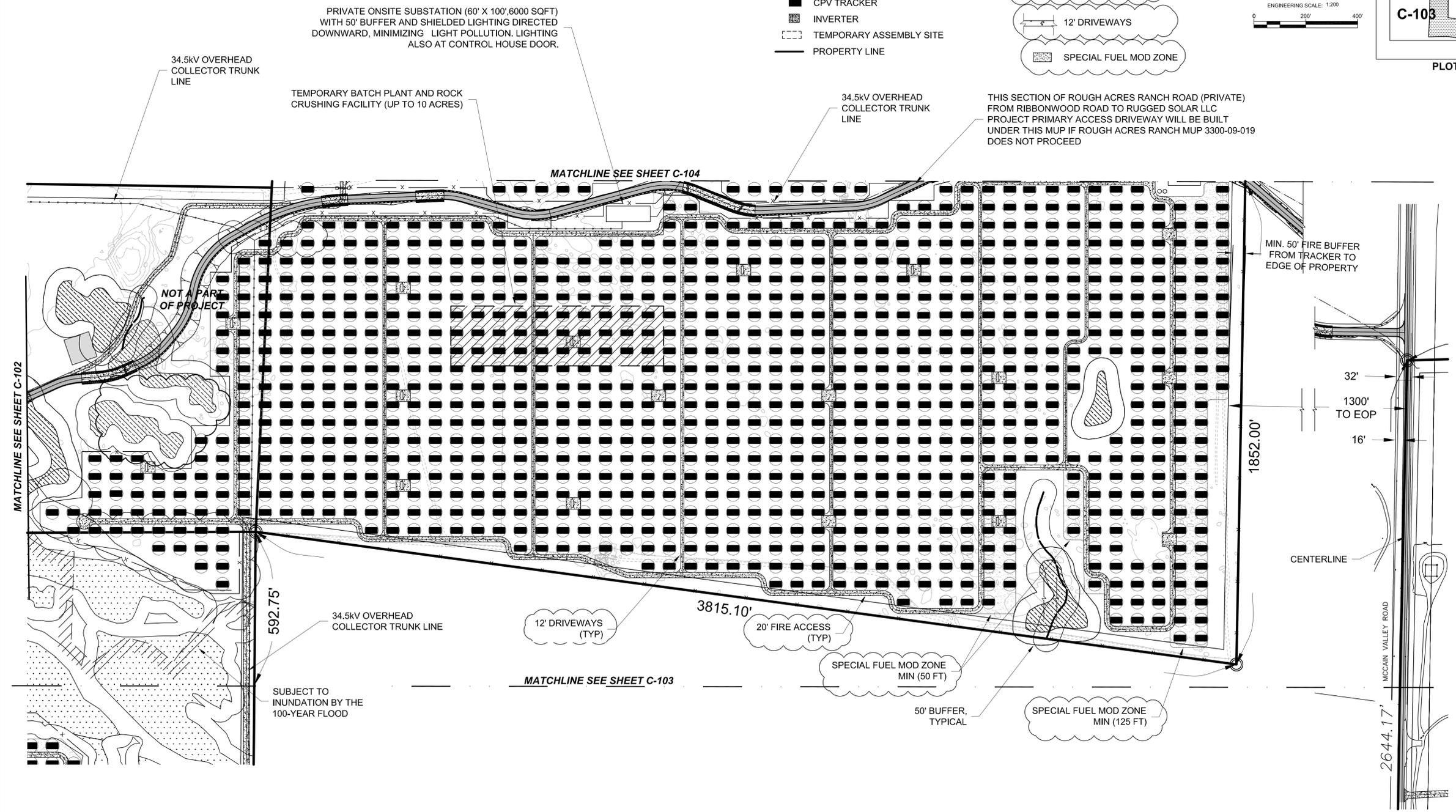


AECOM
 DESIGNER
AECOM
 AECOM TECHNICAL SERVICES, INC
 440 Stevens Avenue, Suite 250
 Solana Beach, CA 98075
 858.947.7144 tel 858.947.7145 fax
 www.aecom.com

CLIENT

Soitec

Soitec Solar Development, LLC
 16550 Via Esprillo
 San Diego, CA 92127



VICINITY MAP	
[Vicinity Map Diagram]	

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

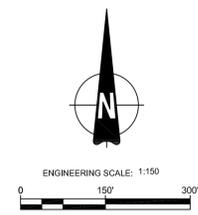
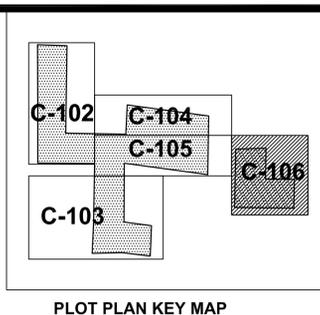
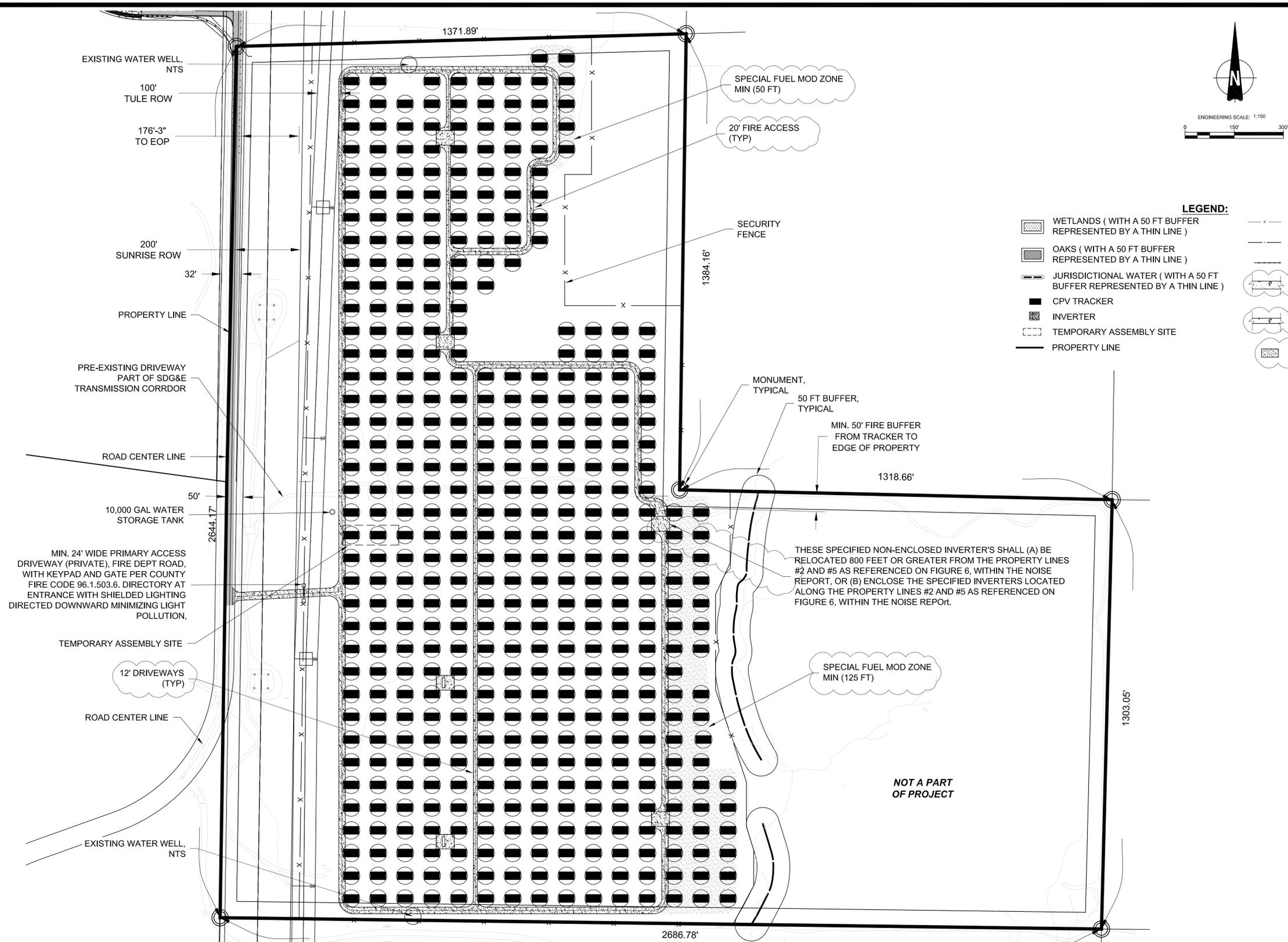
CONTACT INFORMATION	
NAME:	Pat Brown
ADDRESS:	16550 Via Esprillo
CITY:	San Diego
STATE:	CA
ZIP:	92127
PHONE:	(858) 746-9000
FAX:	
EMAIL:	patrick.brown@soitec.com

PARCEL INFORMATION	
APN:	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	
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 3564 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:	3564
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:	47
Coverage Ratio:	20%

SHEET TITLE	
PLOT PLAN CENTER BOTTOM	
SHEET NUMBER	REV.
C-105	1



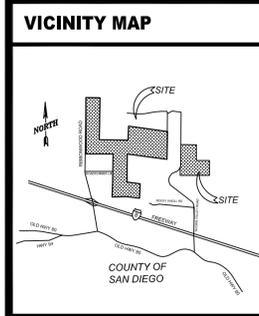
- LEGEND:**
- WETLANDS (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)
 - OAKS (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)
 - JURISDICTIONAL WATER (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)
 - CPV TRACKER
 - INVERTER
 - TEMPORARY ASSEMBLY SITE
 - PROPERTY LINE
 - SECURITY FENCE
 - 34.5KV OVERHEAD COLLECTOR / 69KV GEN-TIE CO-LOCATED ON SAME POLES
 - 34.5KV OVERHEAD COLLECTOR TRUNK LINE
 - 20' FIRE ACCESS
 - 12' DRIVEWAYS
 - SPECIAL FUEL MOD ZONE

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
 16550 Via Esprillo
 San Diego, CA 92127

FILE NAME: P:\10 ENERGY WEST_CURRENT\11-CONCENTRIX SOLAR - 60212653400 TECHNICAL\01 PRELIMINARY ENGINEERING\7 PLANS - CADD FILES\CADD SOLAR_CPV_LAYOUT\RUGGED SOLAR_C-106_PLOT_PLAN.DWG
 LAST SAVED BY: ORTIZG PLOT DATE: 08/20/13 10:33:56 AM



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

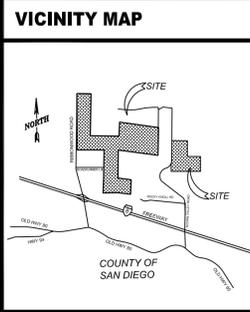
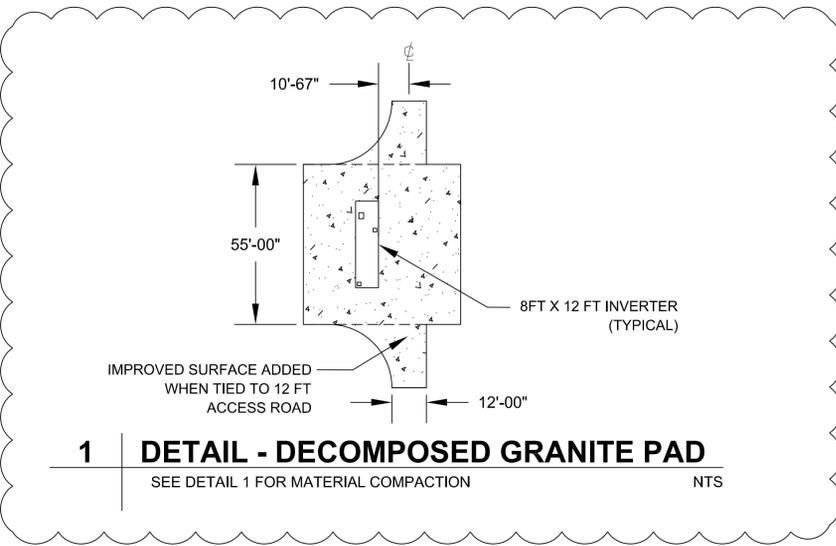
CONTACT INFORMATION	
NAME:	Pat Brown
ADDRESS:	16550 Via Esprillo
CITY:	San Diego
STATE:	CA
ZIP:	92127
PHONE:	(858) 746-9000
FAX:	
EMAIL:	patrick.brown@soitec.com

PARCEL INFORMATION	
APN:	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	
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 3564 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:	3564
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:	47
Coverage Ratio:	20%

SHEET TITLE	
PLOT PLAN EAST	
SHEET NUMBER	REV.
C-106	1



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

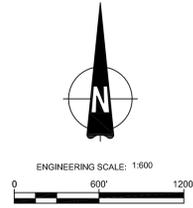
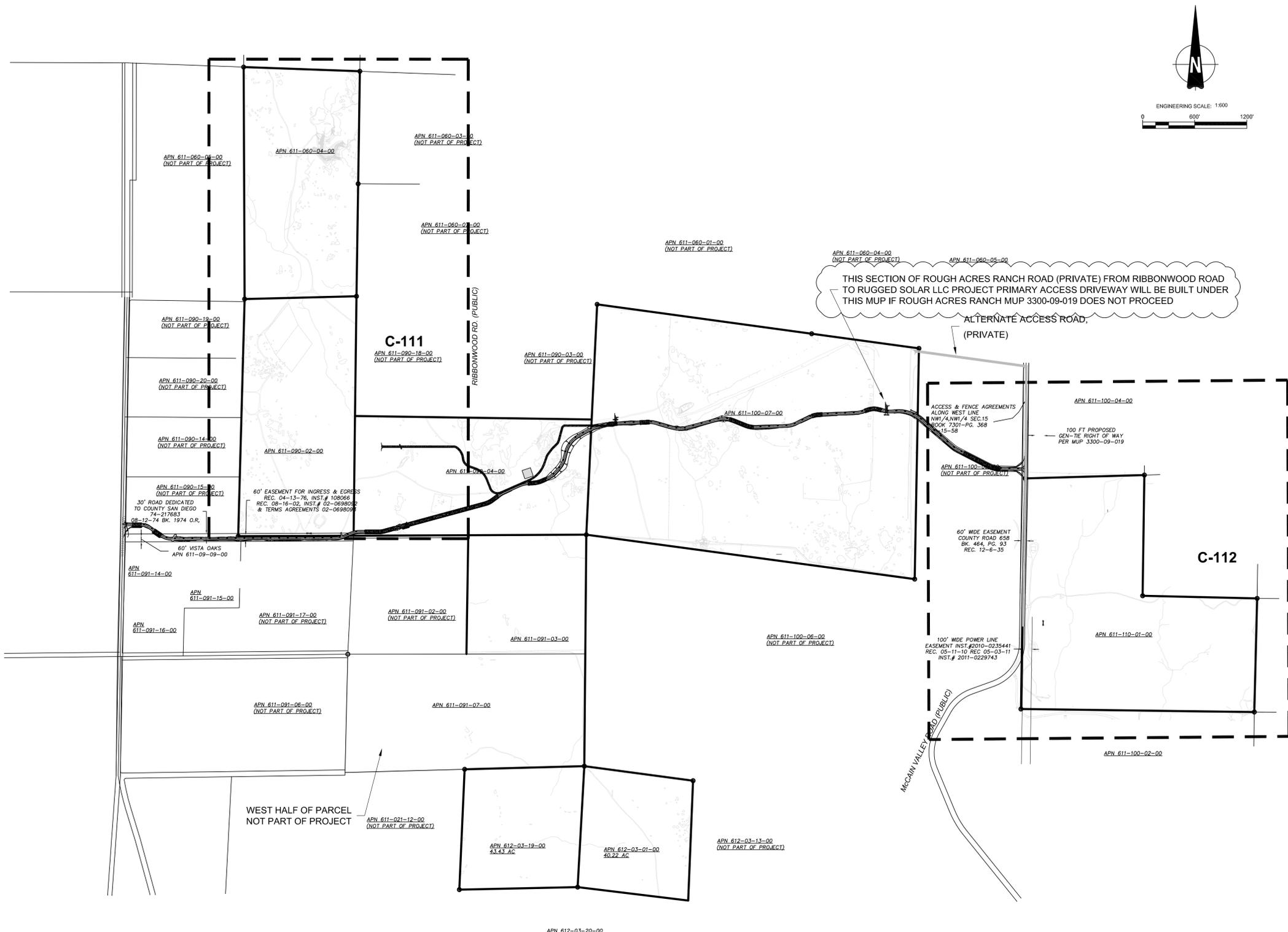
CONTACT INFORMATION	
NAME:	Pat Brown
ADDRESS:	16550 Via Esprillo
CITY:	San Diego
STATE:	CA
ZIP:	92127
PHONE:	(858) 746-9000
FAX:	
EMAIL:	patrick.brown@soitec.com

PARCEL INFORMATION	
APN:	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	
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 3564 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:	3564
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:	47
Coverage Ratio:	20%

SHEET TITLE	
ROAD DETAIL	
SHEET NUMBER	REV.
C-107	1



AECOM

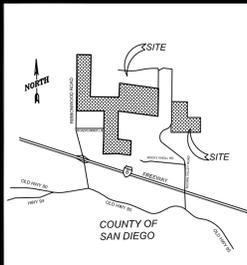
DESIGNER
AECOM
 AECOM TECHNICAL SERVICES, INC
 440 Stevens Avenue, Suite 250
 Solana Beach, CA 98075
 858.947.7144 tel 858.947.7145 fax
 www.aecom.com

CLIENT



Soitec Solar Development, LLC
 16550 Via Esprillo
 San Diego, CA 92127

VICINITY MAP



OWNER INFORMATION

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

CONTACT INFORMATION

NAME: Pat Brown
 ADDRESS: 16550 Via Esprillo
 CITY: San Diego
 STATE: CA
 ZIP: 92127
 PHONE: (858) 746-9000
 FAX:
 EMAIL: patrick.brown@soitec.com

PARCEL INFORMATION

APN: 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

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 3564 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:	3564
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:	47
Coverage Ratio:	20%

SHEET TITLE

EASEMENT PLAN SHEET MAP	
SHEET NUMBER	REV.
C-110	1