

DESIGNER

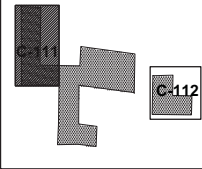
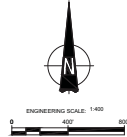
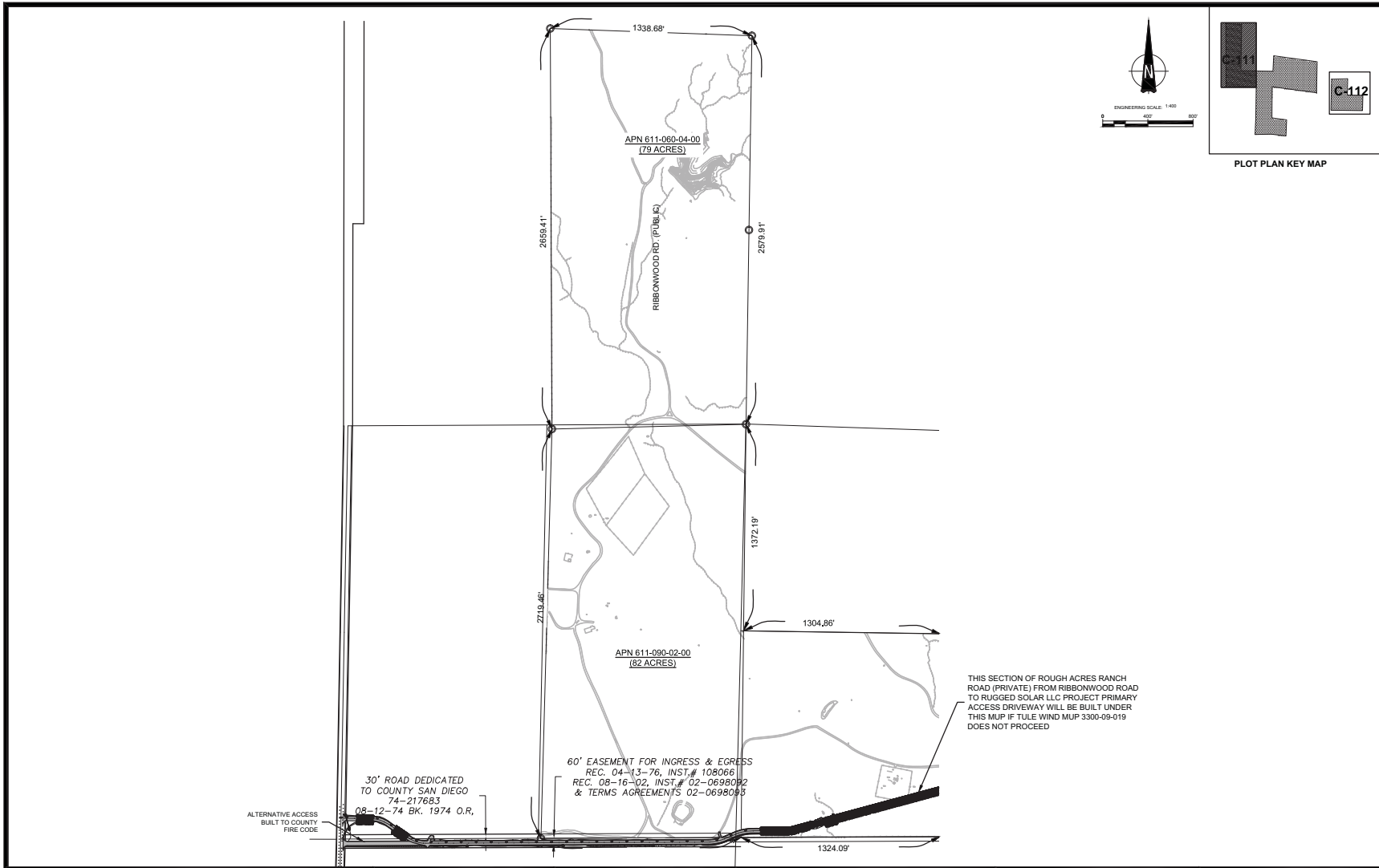
AECOM
AECOM TECHNICAL SERVICES, INC
440 Stevens Avenue, Suite 250
Solana Beach, CA 90805
858.947.7144 tel 858.947.7145 fax
www.aecom.com



Soitec

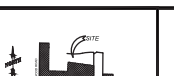
Soitec Solar Development, LLC
16550 Via Esprillo
San Diego, CA 92127

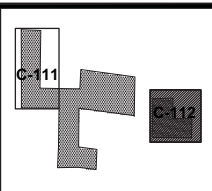
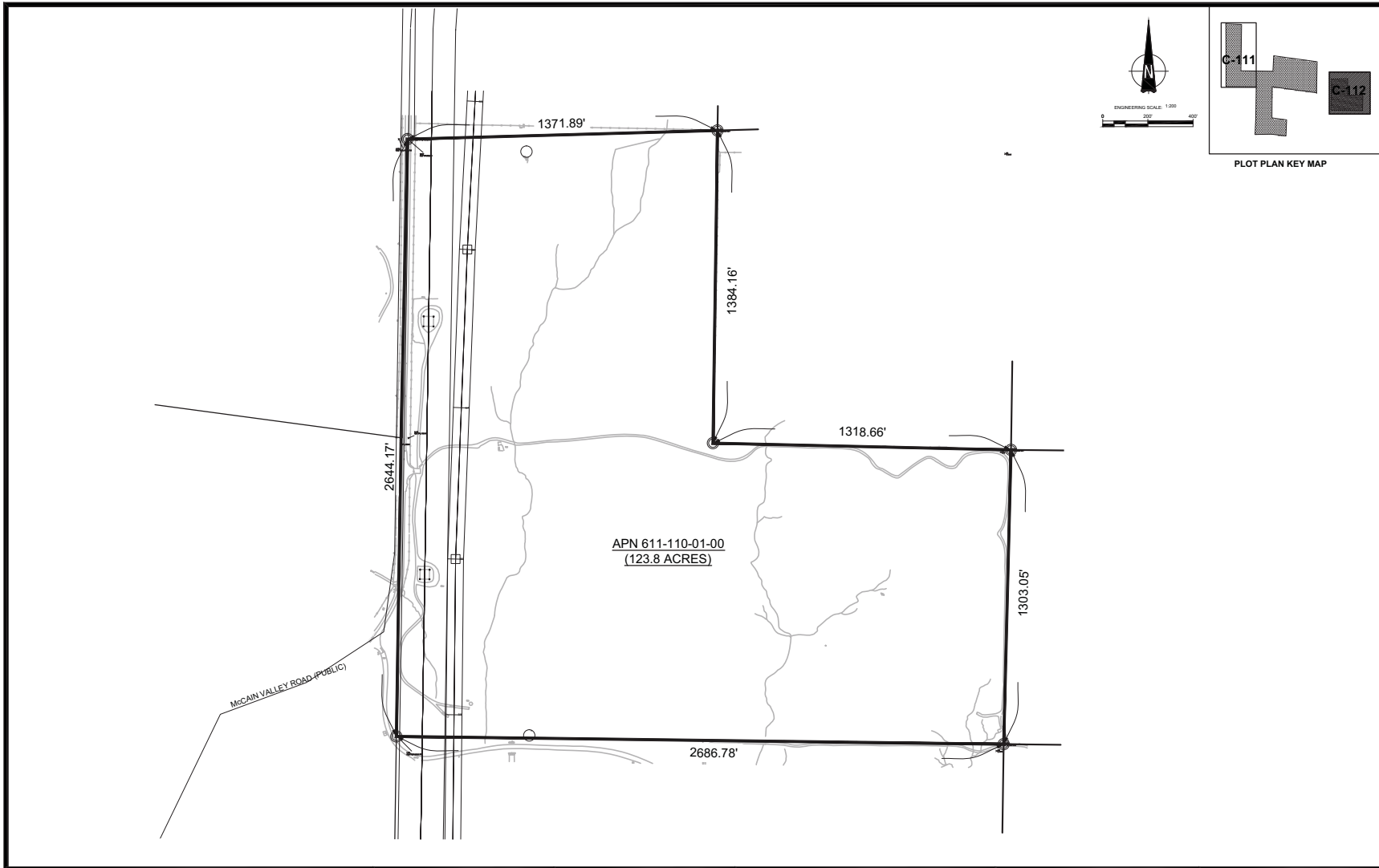
VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE
<p>COUNTY OF SAN DIEGO</p>	NAME: SEE TABLE AT C-100 ADDRESS: CITY: STATE: CA ZIP: PHONE: FAX: EMAIL:	NAME: Pat Brown ADDRESS: 16500 Via Esprido CITY: San Diego STATE: CA ZIP: 92127 PHONE: (619) 746-8000 FAX: EMAIL: patrick.brown@pacor.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 <div style="border: 1px solid black; padding: 5px;"> 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. </div>	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: Project located on approximately 506 acres and includes construction and operation of approximately 3291 Concentrated Photovoltaic (CPV) trackers with associated approximately 57 Inverters Skids and Transformers.	CPV System Summary Approx. Number of Trackers: 3291 No. of Inverter Skids: 57 Total Lease Area (Acres): 506 Estimated Disturbed Acreage: 490 Coverage Ratio Range: 0.3 - 13%	<div style="text-align: center;">EASEMENT PLAN SHEET MAP</div>
						<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">SHEET NUMBER</div> <div style="width: 45%;">REV.</div> </div>
						<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">C-110</div> <div style="width: 45%; text-align: center;">1</div> </div>
			DESIGNER SIGNATURE REQUIRED DATE			



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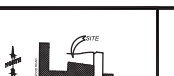
CLIENT
Soitec
Soitec Solar Development, LLC
16550 Via Esprillo
San Diego, CA 92127

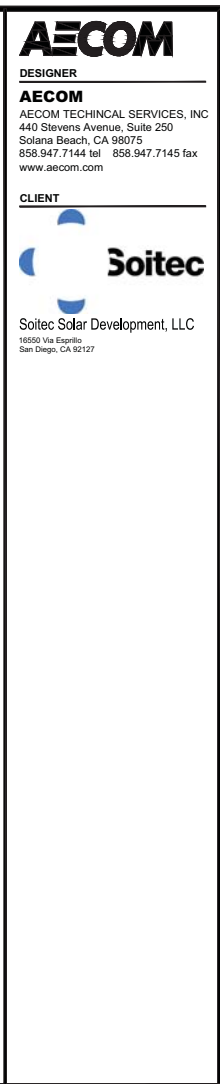
VICINITY MAP		OWNER INFORMATION		CONTACT INFORMATION		PARCEL INFORMATION		PROJECT INFORMATION		PLOT PLAN INFORMATION		SHEET TITLE	
		NAME:	SEE TABLE AT C-100	NAME:	Pat Brown	APN:	6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100	EXISTING: Rolling, rugged 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. PROPOSED: Project located on approximately 506 acres and includes construction and operation of approximately 3291 Concentrated Photovoltaic (CPV) trackers with associated approximately 57 Inverters Skids and Transformers.	CPV System Summary Approx. Number of Trackers: 3291 No. of Inverter Skids: 57 Total Lease Area (Acres): 506 Estimated Disturbed Acreage: 490 Coverage Ratio Range: 0.3 - 13%	EASEMENT PLAN (NORTH WEST)			
		ADDRESS:	16550 Via Esprillo	ADDRESS:	North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road	SHEET NUMBER	REV.						
		CITY:	San Diego	CITY:	San Diego					C-111	1		
		STATE:	CA	STATE:	CA								
		ZIP:	92127	ZIP:	92127								
		PHONE:	(858) 746-8000	PHONE:	(858) 746-8000								
		FAX:		FAX:									
		EMAIL:		EMAIL:	patrick.brown@soitec.com	DESIGNER SIGNATURE REQUIRED		DATE					

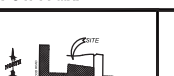


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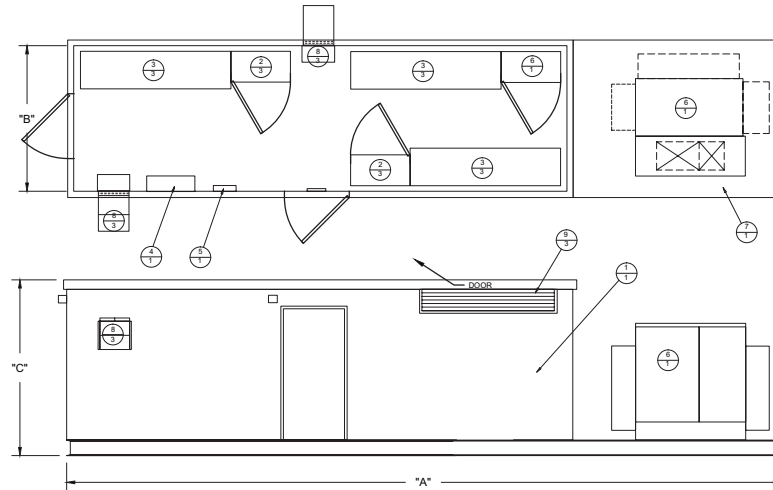
CLIENT
Soitec
Soitec Solar Development, LLC
16550 Via Esprillo
San Diego, CA 92127

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: 3291 No. of Inverter Skids: 57 Total Lease Area (Acres): 506 Estimated Disturbed Acreage: 490 Coverage Ratio Range: 0.3 - 13%		EASEMENT PLAN EAST			
		ADDRESS:		ADDRESS: 16550 Via Esprillo		SITE ADDRESS: North of I-8, east of Ribbonwood Road. on both sides of McCain Valley Road									
		CITY: San Diego		CITY: San Diego		STATE: CA		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.		PROPOSED: Project located on approximately 506 acres and includes construction and operation of approximately 3291 Concentrated Photovoltaic (CPV) trackers with associated approximately 57 Inverters Skids and Transformers.					
STATE: CA		STATE: CA		ZIP: 92127		DESIGNER SIGNATURE REQUIRED						DATE			
ZIP: 92127		PHONE: (858) 746-8000		PHONE: (858) 746-8000		FAX:						SHEET NUMBER		REV.	
FAX:				FAX:								C-112		1	
EMAIL:				EMAIL: patrick.brown@soitec.com											

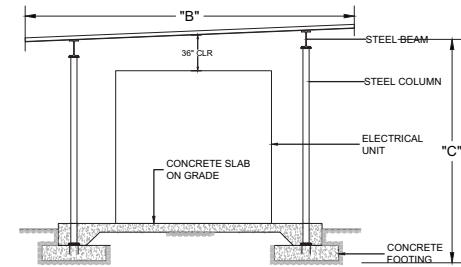


VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE	
	NAME: SEE TABLE AT C-100 ADDRESS: 16300 Via Esplano CITY: San Diego STATE: CA ZIP: 92127 PHONE: (858) 745-9000 FAX: EMAIL:	NAME: Pat Brown ADDRESS: 16300 Via Esplano CITY: San Diego STATE: CA ZIP: 92127 PHONE: (858) 745-9000 FAX: EMAIL: patrick.brown@soltec.com	APN: 6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100 SITE ADDRESS: North of I-8, east of Ribbomwood 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: Project located on approximately 506 acres and includes construction and operation of approximately 3291 Concentrated Photovoltaic (CPV) trackers with associated approximately 57 Inverters Skids and Transformers.	CPV System Summary Approx. Number of Trackers: 3291 No. of Inverter Skids: 57 Total Lease Area (Acres): 506 Estimated Disturbed Acreage: 490 Coverage Ratio Range: 0.3 - 13%	<div><div>PLOT PLAN 34.5 KV OVERHEAD</div><div><div>SHEET NUMBER C-120</div><div>REV.</div></div></div>	

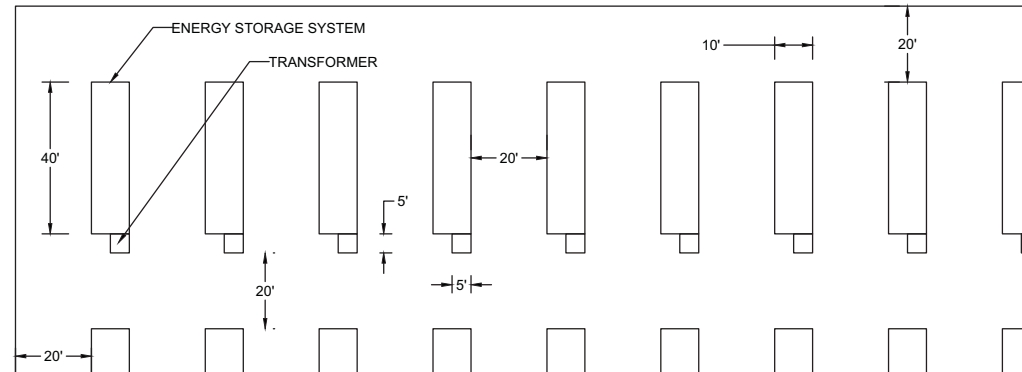
A diagram of a door with a handle and a lock mechanism. The door is shown in a closed position. The handle is a horizontal bar with a circular knob. The lock mechanism is a rectangular plate with a circular dial and a handle. The door is set within a frame. On either side of the door, there is a circular dial with the numbers 8 and 3. The entire assembly is mounted on a base.




1	OPEN INVERTER ON SKID WITH SUN SHADE
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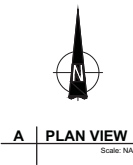


1. ENERGY STORAGE SYSTEM CONTAINERS SHALL BE PAINTED A COLOR CONSISTENT IN HUE AND INTENSITY WITH CPV TRACKER. MATERIALS COATINGS, OR PAINTS HAVING LITTLE OR NO REFLECTIVITY SHALL BE USED WHENEVER POSSIBLE.
2. TO ENSURE NOISE FROM ENERGY STORAGE SYSTEM HVAC UNITS, TRANSFORMERS AND INVERTERS WILL COMPLY WITH COUNTY NOISE ORDINANCE, ONE OF THE FOLLOWING MEASURES SHALL BE IMPLEMENTED:
 - A) IF THE BATTERY STORAGE CONTAINER UNITS ARE EQUIPPED WITH STANDARD HVAC UNIT (NACO MODEL 30RB120, OR EQUIVALENT), EACH HVAC UNIT SHALL BE SURROUNDED BY A SOLID PERIMETER SCREEN WALL WITH ELEVATION ONE FOOT HIGHER THAN THE TOP ELEVATION OF THE HVAC UNIT. IN ADDITION, EACH STEP-UP TRANSFORMER AND RELATED PAIR (2) OF POWER INVERTERS SHALL BE ENCLOSED WITH AN 8-FOOT HIGH SOLID PERIMETER WALL.
 - B) IF THE BATTERY STORAGE CONTAINER UNITS ARE EQUIPPED WITH A QUIETER HVAC UNIT (DAIKIN MCQUAY 025D, OR EQUIVALENT) EACH HVAC UNIT SHALL BE SURROUNDED BY A SOLID PERIMETER SCREEN WALL WITH ELEVATION ONE FOOT HIGHER THAN THE TOP ELEVATION OF THE CHILLER UNIT. NO TRANSFORMER OR INVERTER SCREEN WALLS ARE NECESSARY IF THE DAIKIN MCQUAY 025D, OR SOUND EQUIVALENT HVAC MODEL IS USED.
3. AUTOMATIC FIRE SPRINKLERS ARE NOT REQUIRED IF AN ALTERNATIVE FIRE SUPPRESSION SYSTEM ACCEPTABLE TO THE COUNTY FIRE MARSHALL IS PROVIDED

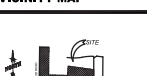


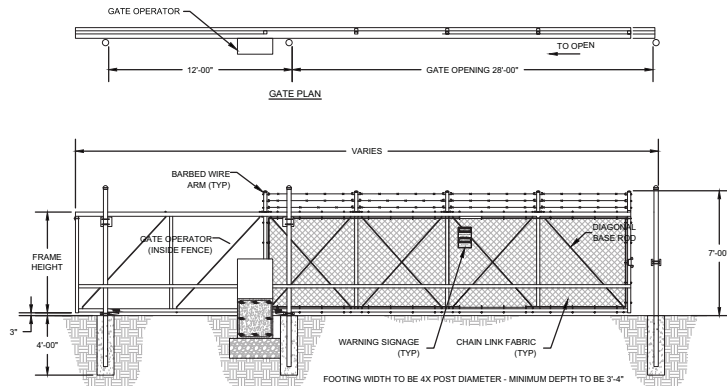
2 ENERGY STORAGE SYSTEM WITH TRANSFORMER

VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE	
	NAME: SEE TABLE C-109	NAME: Pat Brown	APN: 6120300100,6120301900,6110910700,6110910300,6110900400,6110900400,6110900200,6111000700,6111001100	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: 3291 No. of Inverter Skids: 57 Total Lease Area (Acres): 506 Estimated Disturbed Acreage: 490	1.36 / 2.0 MW INVERTER BOX DESIGN / ENERGY STORAGE SYSTEM	
	CITY: San Diego	CITY: San Diego	SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road	PROPOSED: Project located on approximately 506 acres and includes construction and operation of approximately 3291 Concentrated Photovoltaic (CPV) trackers with associated approximately 57 Inverters Skids and Transformers.	Coverage Ratio Range: 0.3 - 13%		
	STATE: CA	STATE: CA	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.				SHEET NUMBER C-130
ZIP: 92127	PHONE: (858) 746-5000	EMAIL: patrick.brown@sdgsc.com	DESIGNER SIGNATURE REQUIRED _____ DATE _____				



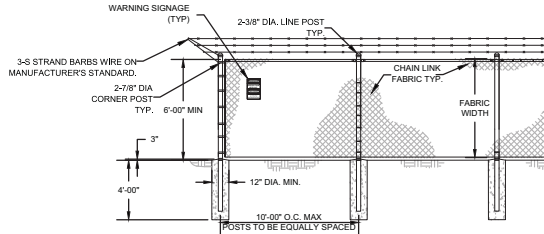
1 - 69

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: 6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,611100100		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: 3291 No. of Inverter Skids: 57 Total Lease Area (Acres): 506 Estimated Disturbed Acreage: 490 Coverage Ratio Range: 0.3 - 13%		<div>O & M BUILDING</div> <table><tr><th>SHEET NUMBER</th><th>REV.</th></tr><tr><td>C-131</td><td>1</td></tr></table>		SHEET NUMBER	REV.	C-131	1
		SHEET NUMBER	REV.														
		C-131	1														
ADDRESS:		ADDRESS: 16500 Via Esplano		SITE ADDRESS: North of I-8, east of Ribbonwood Road. on both sides of McCain Valley Road		PROPOSED: Project located on approximately 506 acres and includes construction and operation of approximately 3291 Concentrated Photovoltaic (CPV) trackers with associated approximately 57 Inverters Skids 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		DATE									
STATE:		STATE: CA		ZIP: 92127													
ZIP:		ZIP: San Diego		PHONE: (619) 746-8000													
PHONE:		PHONE: CA		FAX:													
FAX:		FAX:		EMAIL: patrick.brown@go2net.com													
EMAIL:		EMAIL:															



1 | **DETAIL - GATE**
SINGLE MOTORIZED SLIDING GATE
NTS

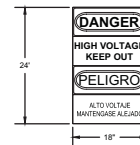
* 4" DIAMETER POST FOR GATE LEAF LENGTH 35'-0" AND LESS



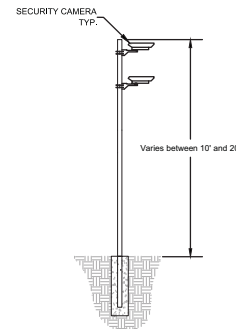
3 | **DETAIL - CHAIN LINK FENCE**
NTS

FENCE NOTES:

1. 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.
2. WIRE CONCRETE FOOTINGS SHALL HAVE TOPS CROWNED AT GROUND LEVEL.
3. CHAIN LINK FENCE TO BE FITTED WITH UV-RESISTANT MESH FABRIC, COLOR PER CUSTOMER REQUEST.
4. ELECTRICAL SAFETY SIGNAGE TO BE PLACED ALONG PERIMETER.



2 | **WARNING SIGNAGE**
Scale: NTS



4 | **DETAIL - SECURITY CAMERA POLE**
NTS

VICINITY MAP



OWNER INFORMATION

NAME: SEE TABLE AT C-100
ADDRESS:
CITY: San Diego
STATE: CA
ZIP: 92127
PHONE: (619) 746-8000
FAX:
EMAIL:

CONTACT INFORMATION

NAME: Pat Brown
ADDRESS: 16550 Via Esprillo
CITY: San Diego
STATE: CA
ZIP: 92127
PHONE: (619) 746-8000
FAX:
EMAIL: patrick.brown@soitec.com

PARCEL INFORMATION

APN: 6120300100, 6120301900, 6110910700, 6110910300, 6110900400, 6110600400, 6110900200, 6111000700, 611100100
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 (BMP) 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: Project located on approximately 506 acres and includes construction and operation of approximately 3291 Concentrated Photovoltaic (CPV) trackers with associated approximately 57 inverters skids and transformers.

PLOT PLAN INFORMATION


CPV System Summary
Approx. Number of Trackers: 3291
No. of Inverter Skids: 57
Total Lease Area (Acres): 506
Estimated Disturbed Acreage: 490
Coverage Ratio Range: 0.3 - 13%

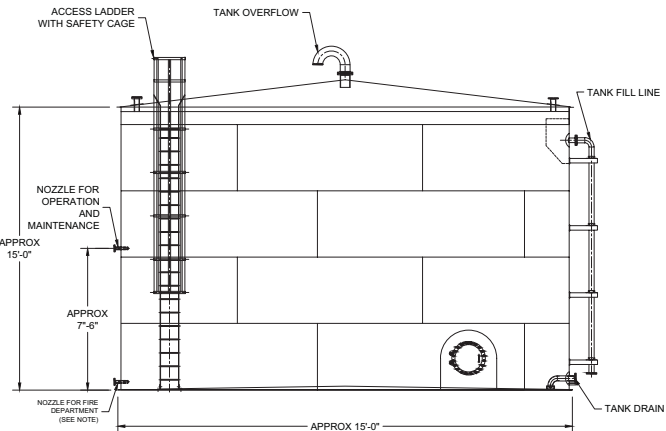
SHEET TITLE

FENCE/SECURITY CAMERA ELEVATION DETAIL	
SHEET NUMBER	REV.
C-132	1

AECOM
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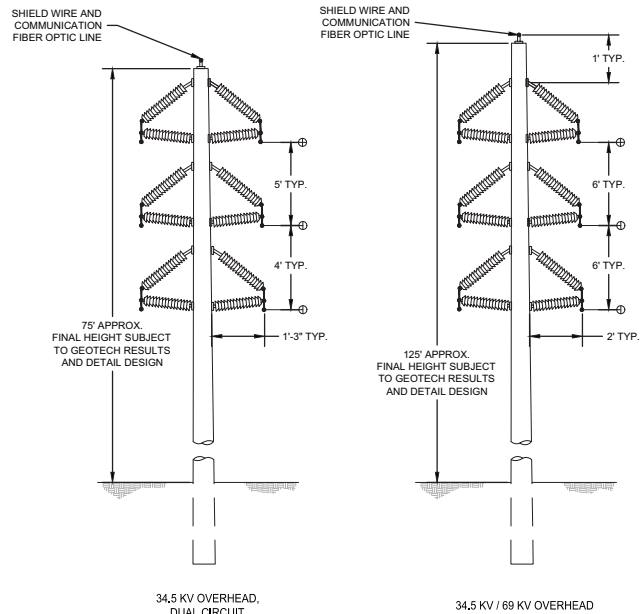
VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE
	NAME: SEE TABLE AT C-100	NAME: Pat Brown	6120300100,6120301900,6110910700,6110910300,6110900400, APN: 6110900400,6110900200,6111000700,6111100100	EXISTING: Rolling, rugged land 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: 3291 No. of Inverter Skids: 57 Total Lease Area (Acres): 506 Estimated Disturbed Acreage: 490 Coverage Ratio Range: 0.3 - 13%	TRACKER ELEVATION DETAIL
	ADDRESS: 16500 Via Espalta	ADDRESS: 16500 Via Espalta	SITE ADDRESS: North of I-8, east of Ribbomwood Road, on both sides of McCain Valley Road	PROPOSED: Project located on approximately 506 acres and includes construction and operation of approximately 3291 Concentrated Photovoltaic (CPV) trackers with associated approximately 57 Inverters Skids and Transformers.		
	CITY: San Diego	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: CA	STATE: CA				
	ZIP: 92127	ZIP: 92127				
	PHONE: (858) 746-5003	PHONE: (858) 746-5003				
	FAX:	FAX:				
	EMAIL:	EMAIL: patric.brown@dotec.com	DESIGNER SIGNATURE REQUIRED _____ DATE _____			



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 2 1/2 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



AECOM

DESIGNER

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CLIENT



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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: 6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,611100100		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: 3291 No. of Inverter Skids: 57 Total Lease Area (Acres): 506 Estimated Disturbed Acreage: 490 Coverage Ratio Range: 0.3 - 13%		WATER TANK & 34.5KV / 69KV OVERHEAD ELEVATION DETAIL	
		ADDRESS: 16550 Via Esprillo		ADDRESS: 16550 Via Esprillo									
		CITY: San Diego		CITY: San Diego		SITE ADDRESS: North of I-8, east of Ribbonwood Road, on both sides of McCain Valley Road.							
		STATE: CA		STATE: CA		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.		PROPOSED: Project located on approximately 506 acres and includes construction and operation of approximately 3291 Concentrated Photovoltaic (CPV) trackers with associated approximately 57 Inverters Skids and Transformers.					
ZIP: 92127		ZIP: 92127											
PHONE: (619) 746-8000		PHONE: (619) 746-8000		DESIGNER SIGNATURE REQUIRED _____ DATE _____						SHEET NUMBER C-134		REV. 1	
FAX:		FAX:											
EMAIL:		EMAIL:		EMAIL: patrick.brown@soitec.com									

PRELIMINARY GRADING AND DRAINAGE NOTES

GRADING NOTES

1. ALL GRADING SHALL CONFORM OF THE REQUIREMENTS OF THE GRADING ORDINANCE SECTIONS 87.101 THROUGH 87.804 OF THE SAN DIEGO COUNTY CODE OF REGULATORY ORDINANCES.
2. A REGISTERED CIVIL ENGINEER IS REQUIRED TO SUPERVISE INSTALLATION OF THE FILL KEYWAY AND ALL FILL BENCHING AND COMPACTION. A SOILS REPORT WITH COMPACTION TESTS IS REQUIRED FOR ALL FILL THAT IS OVER 12" IN DEPTH. DPLU FORM #74, MINOR GRADING CERTIFICATION, AND THREE (3) COPIES OF THE COMPACTION REPORT COMPLETED BY A SOILS ENGINEER SHALL BE SUBMITTED PRIOR TO ROUGH GRADE APPROVAL.
3. ALL FILL MATERIAL SHALL BE COMPACTED AS NOTED.
4. NATURAL DRAINAGE SHALL NOT BE DIVERTED OR CONCENTRATED ONTO ADJACENT PROPERTY.
5. MAINTAIN 1% (MINIMUM) SLOPE AWAY FROM ALL BUILDINGS FOR AT LEAST 5'.
6. ALL GRADING DETAILS SHALL BE IN CONFORMANCE WITH THE FOLLOWING SAN DIEGO COUNTY DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS:
- A. DS-8 LOT GRADING
B. DS-10 GRADING OF SLOPES
C. DS-11 REQUIRED SETBACKS
D. D-40 RFP RAP ENERGY DISSIPATER
F. D-40 DEBRIS FENCE
G. DS-09 FENCING CUT BANKS
7. BERMS SHALL BE REQUIRED AT THE TOP OF ALL FILL SLOPES AND SWALES OR BROW DITCHES SHALL BE REQUIRED AT THE TOP OF ALL CUT SLOPES. ALL BERMS, SWALES, OR BROW DITCHES SHALL CONFORM TO THE DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS LISTED ABOVE.
8. REGARDLESS OF WHICH BMPs ARE IMPLEMENTED THE FACE OF ALL CUT AND FILL SLOPES IN EXCESS OF 3' VERTICAL HEIGHT SHALL BE PLANTED AND MAINTAINED WITH A GROUND COVER OR OTHER PLANTING TO PROTECT THE SLOPES AGAINST EROSION AND INSTABILITY. PLANTING SHALL COMMENCE AS SOON AS SLOPES ARE COMPLETED. ALL PLANTING MUST HAVE A PERMANENTLY INSTALLED IRRIGATION SYSTEM.
9. REQUIRED SLOPE RATIOS ARE AS FOLLOWS:
- A. CUTS - 1.5:1 FOR MINOR SLOPES (UP TO 15' VERTICAL HEIGHT)
B. CUTS - 2:1 FOR MAJOR SLOPES (OVER 15' VERTICAL HEIGHT)
C. FILLS - 2:1 (MAXIMUM) FOR ALL FILL SLOPES
10. NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE OWNER AND PERMITEE ARE RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTIES. NO PERSON SHALL EXCAVATE SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PUBLIC STREET OR SIDEWALK, OR THE FUNCTION OF ANY SEWAGE DISPOSAL SYSTEM OR ANY OTHER PUBLIC OR PRIVATE PROPERTY.
11. THE DIRECTOR OF PLANNING AND LAND USE MAY IMPOSE CONDITIONS THAT ARE REASONABLY NECESSARY TO PREVENT THE CREATION OF A NUISANCE OR HAZARD TO PERSONS OR TO PUBLIC OR PRIVATE PROPERTY. THE DIRECTOR MAY ALSO MODIFY OR ADD CONDITIONS TO ANY VALID GRADING PERMIT WHEN SUCH MODIFICATIONS OR ADDITIONS ARE REASONABLY NECESSARY TO PREVENT THE CREATION OF A NUISANCE OR HAZARD TO PERSONS OR TO PUBLIC OR PRIVATE PROPERTY. SUCH CONDITIONS MAY INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
- A. IMPROVEMENT OF EXISTING GRADING TO CONFORM WITH THE GRADING ORDINANCE AND;
B. REQUIREMENTS FOR FENCING OF EXCAVATIONS OR FILLS THAT WOULD OTHERWISE BE HAZARDOUS; AND,
C. ADEQUATE DUST CONTROL MEASURES.
12. ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTH MOVING EQUIPMENT, CONSTRUCTION EQUIPMENT OR ANY OTHER ASSOCIATED GRADING EQUIPMENT SHALL BE LIMITED TO THE PERIOD BETWEEN 7:00AM AND 6:00PM MONDAY THROUGH SATURDAY. NO EARTH MOVING OR GRADING SHALL BE CONDUCTED ON SUNDAYS OR HOLIDAYS.
13. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF THE PROPOSED WORK SHALL BE PROVIDED TO THE FOLLOWING AGENCIES:
- A. SAN DIEGO GAS AND ELECTRIC (800) 422-4133
B. PACIFIC BELL (800) 422-4133
C. CATTY (800) 422-4133
D. WATER UTILITY (800) 422-4133
E. SEWER UTILITY (800) 422-4133
14. APPROVAL OF THESE PLANS BY THE DIRECTOR OF PLANNING AND LAND USE DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNERS' PERMISSION IS OBTAINED, RIGHT TO ENTRY FORM COMPLETED AND VALID GRADING PERMIT ISSUED.
15. THE ISSUANCE OF A GRADING PERMIT SHALL CONSTITUTE AN AUTHORIZATION TO PERFORM ONLY THAT WORK WHICH IS DESCRIBED OR SHOWN ON THE GRADING PERMIT APPLICATION AND APPROVED GRADING PLANS. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ANY CONDITIONS IMPOSED BY THE DIRECTOR OF PLANNING AND LAND USE AND IN ACCORDANCE WITH THE GRADING ORDINANCE.
16. ROADS ARE CLASSIFIED ON THE DRAWING AS THE FOLLOWING:
- A. PRIMARY ACCESS ROAD - 20FT WIDE GRADED ROAD IMPROVED TO CARRYING A 50,000LBS VEHICLE.
B. SECONDARY ACCESS ROAD - 30FT WIDE GRADED ROAD WITH AN 18FT LANE CAPABLE OF CARRYING A 15,000LBS VEHICLE AND A 12FT LANE CAPABLE TO CARRYING A 50,000LBS VEHICLE.

17. THE GRADING FOR THE SITE SHALL INCLUDE THE CLEARING AND GRUBBING FOR A 19,888.95 SQ. FT. AREA.

18. THE BASIS OF EXISTING CONTOURS WAS PROVIDED IN A DIGITAL TERRAIN MODEL (DTM) TIED TO THE CCS83 GRID. THE DTM WAS CREATED IN CONJUNCTION WITH AN AERIAL TOPOGRAPHICAL SURVEY AT 20-SCALE WITH 0.5 FOOT CONTOUR INTERVALS PERFORMED JANUARY 2012.

19. AREAS DESIGNATED AS "SPECIAL FUEL MOD ZONE" ARE TO BE CLEARED OF EXISTING VEGETATION, THEN COVERED WITH LANDSCAPING FABRIC AND WEIGHTED DOWN USING AS SURFACING MATERIAL OF CRUSHED STONE

20. EARTHWORK QUANTITIES:

EXCAVATION: 28,410 CUBIC YARDS
FILL: 28,410 CUBIC YARDS
IMPORT: CUBIC YARDS
EXPORT: 0 CUBIC YARDS

PRELIMINARY GRADING PLAN NOTE

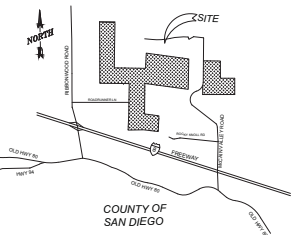
THIS PLAN IS PROVIDED TO ALLOW FOR FILL AND ADEQUATE DISCRETIONARY REVIEW OF A PROPOSED DEVELOPMENT PROJECT. THE PROPERTY OWNER ACKNOWLEDGES THAT ACCEPTANCE OR APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL TO PERFORM ANY GRADING SHOWN HEREON, AND AGREES TO OBTAIN VALID GRADING PERMISSION BEFORE COMMENCING SUCH ACTIVITY.

STORMWATER MANAGEMENT NOTES

1. DURING THE RAINY SEASON FROM OCTOBER 1ST TO APRIL 30TH THE AMOUNT OF EXPOSED SOIL ALLOWED AT ONE TIME SHALL NOT EXCEED THAT WHICH CAN BE ADEQUATELY PROTECTED WITHIN 48 HOURS OF A PREDICTED RAIN.
2. 125% OF ALL NEEDED BMP MATERIALS SHALL BE STORED ONSITE YEAR-ROUND TO ALLOW FULL DEPLOYMENT AND INSTALLATION WITHIN 48 HOURS OF A PREDICTED RAIN.
3. THE PROPERTY OWNER SHALL COMPLY WITH ALL APPLICABLE STORMWATER REGULATIONS AT ALL TIMES. THE BMPs THAT HAVE BEEN INCORPORATED INTO THIS PLAN SHALL BE IMPLEMENTED AND MAINTAINED TO PREVENT ONSITE EROSION AND TO PREVENT DISCHARGES OF POLLUTANTS FROM LEAVING THE SITE. MAINTENANCE OF BMPs IS THE RESPONSIBILITY OF THE PROPERTY OWNER AND FAILURE TO PROPERLY INSTALL OR MAINTAIN THE BMPs MAY RESULT IN ENFORCEMENT ACTION BY THE COUNTY OF SAN DIEGO OR OTHERS. IF INSTALLED BMPs FAIL, THEY MUST BE REPAIRED OR REPLACED WITH AN ACCEPTABLE ALTERNATE AS SOON AS IT IS SAFE TO DO SO.
4. PERIMETER SEDIMENT CONTROL BMPs SHALL BE INSTALLED IMMEDIATELY AFTER THE AREA TO BE GRADED IS BRUSHED OR CLEARED, BUT PRIOR TO THE START OF GRADING OPERATIONS.
5. EROSION CONTROL BMPs USED FOR SLOPE STABILIZATION SHALL BE INSTALLED AS SOON AS THE FINISHED SLOPES ARE COMPLETE.
6. A PERIMETER BMP INSPECTION IS REQUIRED ON THE FIRST DAY OF GRADING.
7. WHERE AN EXISTING STORMWATER CONVEYANCE CROSSES OVER A PLANNED SECONDARY SERVICE ROAD, THE ROAD SHALL BE GRADED AND MAINTAINED AS A FORD.
8. RFP RAP SHALL BE PLACED AT ALL LOCATIONS WHERE ONE DRAINAGE FEATURE (SUCH AS A DITCH OR A SWALE) DRAINS INTO A LARGER DRAINAGE FEATURE.
9. DIP SECTIONS SHALL BE COMPOSED OF 6" OF REINFORCED STRUCTURAL CONCRETE SLABS, WHICH SHALL BE DESIGNED TO WITHSTAND AND CONVEY HUNDRED (100) YEAR FREQUENCY STORM.
10. ALL SURFACES SHALL BE NOTED AND IMPROVED OR ROAD SHOULD BE REDESIGNED AND REVEGETATED WITH TOLERANT PLANTS.

PROPERTY OWNER INFORMATION					
NAME:	Relationship Support Foundation Inc. 2010 Glenn	FranklinThibodeau	FranklinThibodeau	FranklinThibodeau	FranklinThibodeau
ADDRESS:	2020 Professional Pl #200	2020ProfessionalPl	2020ProfessionalPl	2020ProfessionalPl	2020ProfessionalPl
CITY:	Colorado Springs	Colorado	Colorado	Colorado	Colorado
STATE:	CO	CA	CA	CA	CA
ZIP:	80904	92039	92039	92039	92039
PHONE:	(719) 442-7424	(719) 756-9105	(719) 442-7424	(719) 442-7424	(719) 442-7424
After a fire (Damage):	(615) 551-01 (03.71)	(615) 551-01 (03.71)	(615) 551-01 (03.71)	(615) 551-01 (03.71)	(615) 551-01 (03.71)

VICINITY MAP



1-73

PRELIMINARY

CLIENT Soitec Solar Development, LLC 4250 Executive Square, Suite 770 San Diego, CA 92131-9178		CONTACT INFORMATION NAME: PAT BROWN ADDRESS: 4250 Executive Square, Suite 770 La Jolla, CA TELEPHONE NUMBER: (858) 652-4423 SITE A.P.N. NUMBER: SEE DRAWINGS C-202 THROUGH C-206 ADJACENT A.P.N. NUMBERS: SEE DRAWINGS C-202 THROUGH C-206		GRADING ON ADJACENT PARCELS LIST ANY ADJACENT PARCELS UNDER THE SAME OWNERSHIP AS THIS PARCEL FOR WHICH A GRADING PLAN HAS BEEN SUBMITTED OR A GRADING PERMIT ISSUED. APN(s): PROPERTY OWNER CERTIFICATION I CERTIFY THAT I HAVE READ AND UNDERSTAND THE STORMWATER MANAGEMENT NOTES AND THE GRADING NOTES. OWNER'S SIGNATURE (REQUIRED): DATE:		DISTURBED AREA CALCS PAD + SLOPES: SF DRIVEWAY: SF PRIMARY SEPTIC: SF FIRE CLEARING: SF TOTAL: SF IF > 1 AC, PROVIDE VOID#:		PLAN CHECK/PERMITS BUILDING PERMIT PLAN CHECK NUMBER: PARCEL MAP NUMBER: ENGINEER OF WORK I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT AND THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT. NAME: Savas E. Kolanbaya DATE: RCE NO.: C-43628 EXPIRES: 12/31/14		PRIVATE CONTRACT COUNTY OF SAN DIEGO DEPARTMENT OF PLANNING AND LAND USE PRELIMINARY GRADING PLAN FOR: 80 MW SOLAR SYSTEM RUGGED SOLAR LLC SHEET NUMBER C-200 REV. 3 SHEET 1 OF 7 SHEETS: 7 APPROVED DIRECTOR OF PLANNING AND LAND USE: GRADING PERMIT NUMBER: DATE: DATE:	
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SDC PDS RCVD 12-16-14
3300-12-007

