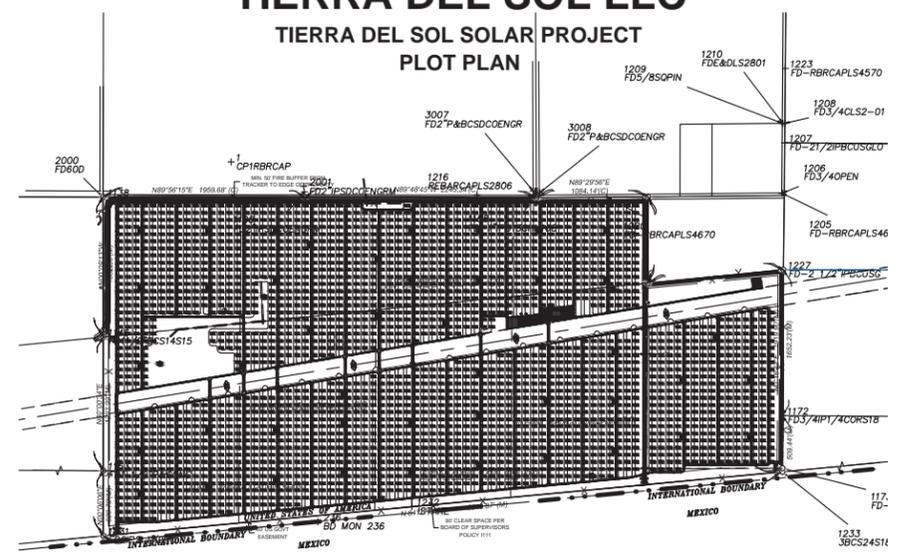


APPENDIX A

Tierra del Sol Solar Farm Project Features

60.0MW SOLAR SYSTEM TIERRA DEL SOL LLC

TIERRA DEL SOL SOLAR PROJECT PLOT PLAN



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 the attached details on C-103 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.

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 kilovolt
- 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

SHEET INDEX

- C-100 LEGEND, SYMBOLS, ABBREVIATIONS & NOTES
- C-101 PLOT PLAN
- C-102 EASEMENT PLAN
- C-103 ROAD DETAILS
- 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 34.5KV OVERHEAD / WATER TANK ELEVATION DETAIL

RESERVED FOR COUNTY STAMPS

PARCEL ZONING SETBACK SCHEDULE

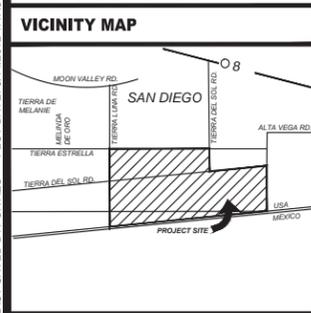
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658-090-55	D
658-120-03	D
658-090-54	D
658-120-02	D

* THIS PLAN IS EXEMPT FROM THE SETBACK SCHEDULE PURSUANT TO ZONING ORDINANCE 4813

COVERAGE TABLE

UNIT	# UNITS	ACRES / UNIT
TRACKER	2538	0.026
INVERTER	45	0.005
O&M	1	0.172
SUBSTATION	1	0.126
TOTAL ACRES =		67

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LAST SAVED BY: ORTIZG PLOT DATE: 8/14/2012 1:47:50 PM



OWNER INFORMATION

NAME: Brown Family Trust, Brown & Reynolds Trust
 ADDRESS: 1116 W. 7th Sreet PMB 158
 CITY: Columbia
 STATE: TN
 ZIP: 38401
 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

APN: 6580903100, 6580905500, 6581200300, 6581200200, 6580905400
 SITE ADDRESS: 796 Tierra del Sol Road, Boulevard, CA 91905

PROJECT INFORMATION

EXISTING:
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PROPOSED:
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PLOT PLAN INFORMATION

CPV System Summary

Approx. Number of Trackers:	2538
Tracker per BB:	56
Number of BB:	45
Total AC Capacity (MWs):	Approx. 60MW
Inverter Skid AC Capacity (MWs):	1.36 / 2.0
Number of 1.36 MW Inverter Skids:	45
Total Lot Size (Acres):	Approx. 420
Estimated Disturbed Acreage:	420
Coverage Ratio:	16%

SHEET TITLE

LEGEND, SYMBOLS
ABBREVIATIONS
& NOTES

SHEET NUMBER	REV.
C-100	0



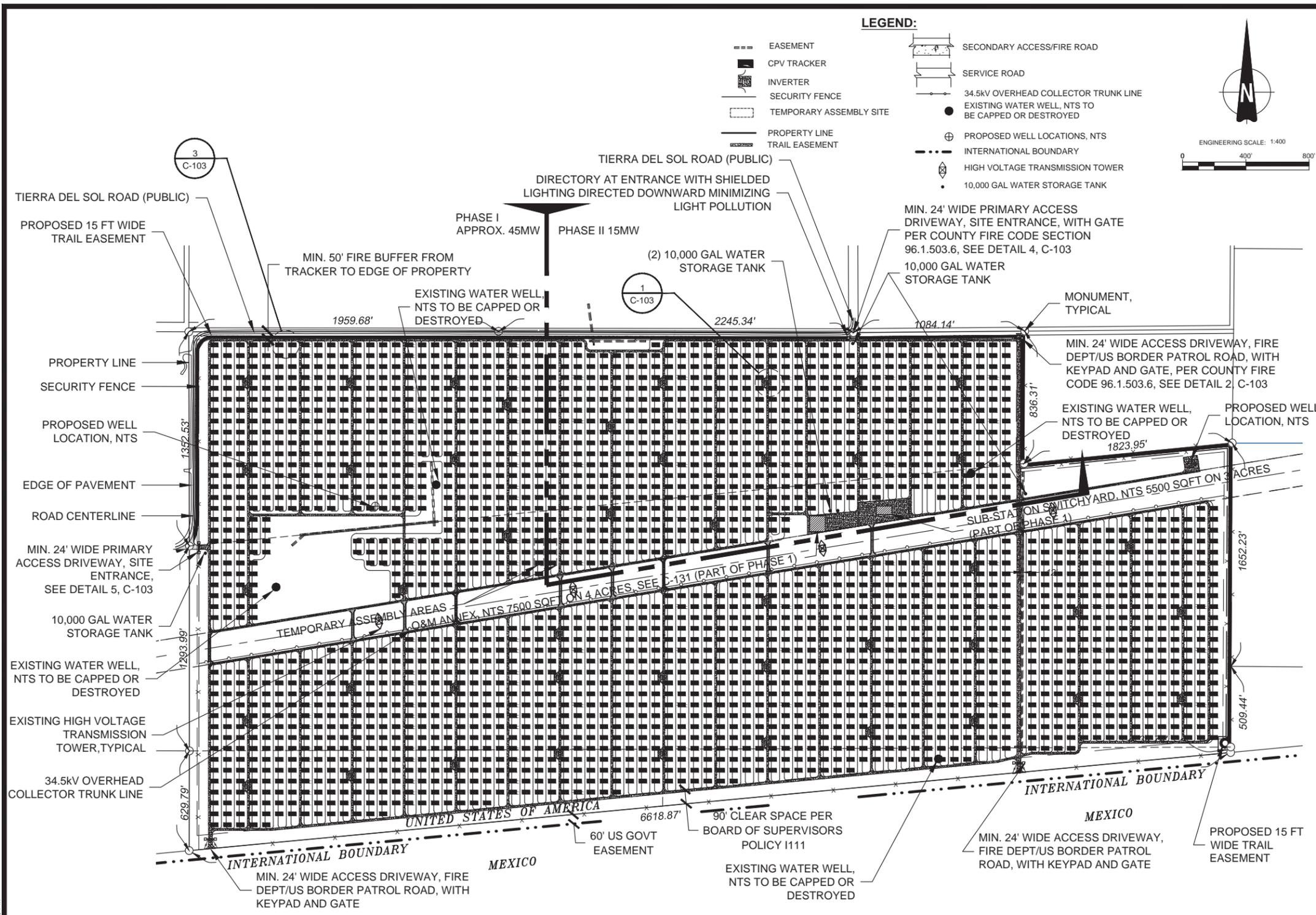
DESIGNER
AECOM
 AECOM TECHNICAL SERVICES, INC
 440 Stevens Avenue, Suite 250
 Solana Beach, CA 98075
 858.947.7144 tel 858.947.7145 fax
 www.aecom.com

CLIENT



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

FILE NAME: Z:\PROJECTS\172301\DATA\DATA.RCV\AECOM\2012-08-07\SOITEC TIERRA DEL SOL LAYOUT 60 MW 06082012\TIERRA DEL SOL C-100 SOITEC TIERRA DEL SOL PLOT PLAN & EASEMENT PLAN.DWG
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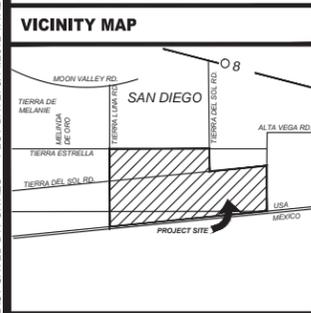
- LEGEND:**
- EASEMENT
 - CPV TRACKER
 - INVERTER
 - ▨ SECURITY FENCE
 - ▤ TEMPORARY ASSEMBLY SITE
 - PROPERTY LINE
 - TRAIL EASEMENT
 - ▬ SECONDARY ACCESS/FIRE ROAD
 - ▬ SERVICE ROAD
 - ▬ 34.5kV OVERHEAD COLLECTOR TRUNK LINE
 - EXISTING WATER WELL, NTS TO BE CAPPED OR DESTROYED
 - ⊕ PROPOSED WELL LOCATIONS, NTS
 - - - INTERNATIONAL BOUNDARY
 - ⊕ HIGH VOLTAGE TRANSMISSION TOWER
 - 10,000 GAL WATER STORAGE TANK



AECOM
 DESIGNER
 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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SHEET TITLE	
PLOT PLAN	
SHEET NUMBER	REV.
C-101	0

EXCEPTIONS AND EXCLUSIONS

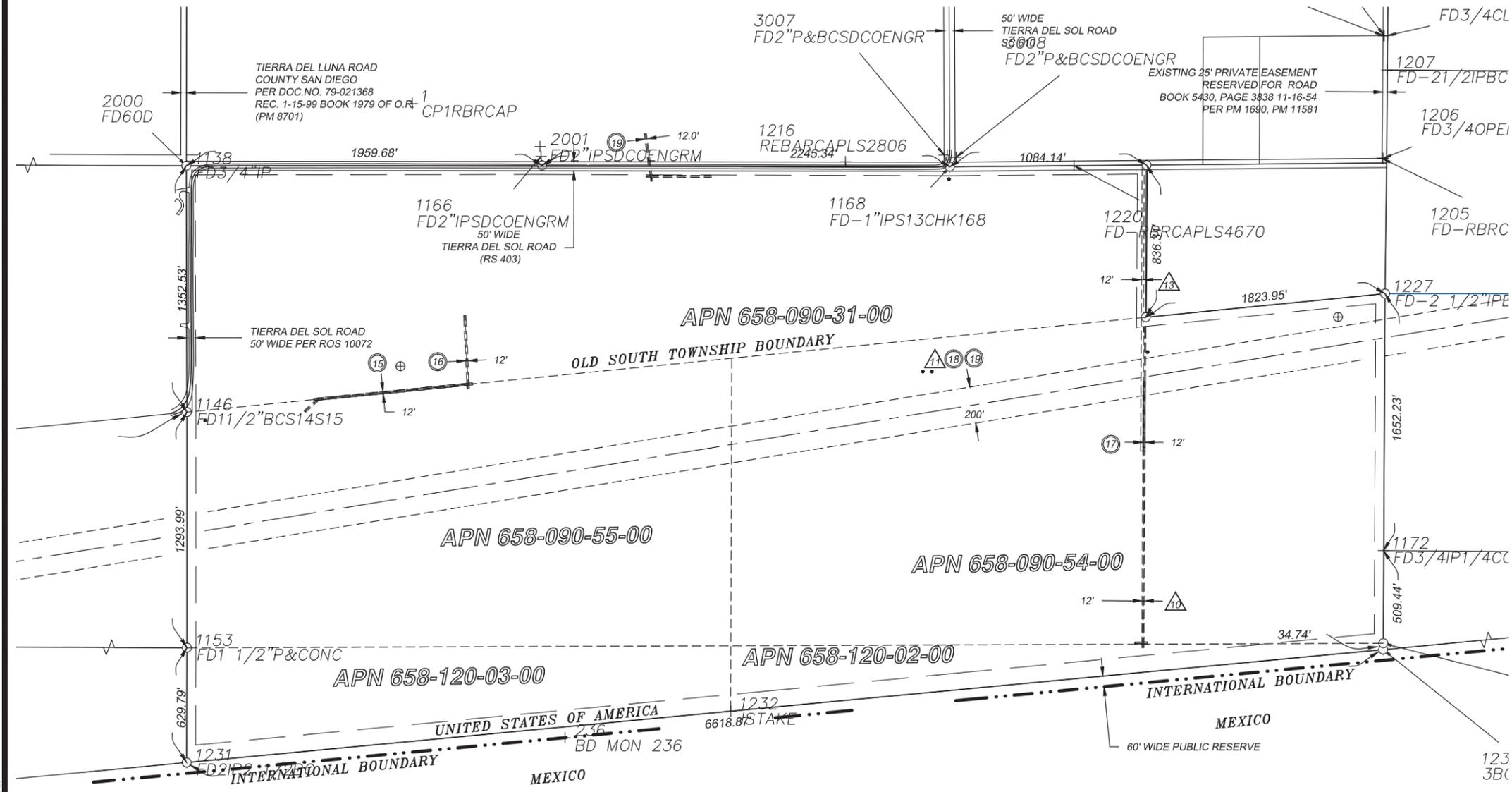
- 15 AN EASEMENT FOR PUBLIC UTILITIES AND INCIDENTAL PURPOSES, RECORDED FEBRUARY 28, 1979 AS INSTRUMENT NO. 79-085974 OF OFFICIAL RECORDS.
- 16 AN EASEMENT FOR PUBLIC UTILITIES AND INCIDENTAL PURPOSES, RECORDED FEBRUARY 28, 1979 AS INSTRUMENT NO. 79-085975 OF OFFICIAL RECORDS.
- 17 AN EASEMENT FOR PUBLIC UTILITIES AND INCIDENTAL PURPOSES, RECORDED MAY 6, 1980 AS INSTRUMENT NO. 80-151392 OF OFFICIAL RECORDS.
- 18 AN EASEMENT FOR PUBLIC UTILITIES AND INCIDENTAL PURPOSES, RECORDED JANUARY 21, 1982 AS INSTRUMENT NO. 82-017128 OF OFFICIAL RECORDS.
- 19 AN EASEMENT FOR PUBLIC UTILITIES AND INCIDENTAL PURPOSES, RECORDED JUNE 18, 1982 AS INSTRUMENT NO. 82-187732 OF OFFICIAL RECORDS.

EASEMENT LEGEND

- 10 AN EASEMENT FOR PUBLIC UTILITIES AND INCIDENTAL PURPOSES, RECORDED MAY 6, 1980 AS INSTRUMENT NO. 80-151391 OF OFFICIAL RECORDS.
- 11 AN EASEMENT FOR PUBLIC UTILITIES AND INCIDENTAL PURPOSES, RECORDED NOVEMBER 16, 1983 AS INSTRUMENT NO. 83-416580 OF OFFICIAL RECORDS.
- 12 THE TERMS, PROVISIONS AND EASEMENT(S) CONTAINED IN THE DOCUMENT ENTITLED "EASEMENT GENERAL" RECORDED FEBRUARY 1, 1995 AS INSTRUMENT NO. 1995-0044962 OF OFFICIAL RECORDS.
- 13 EXCEPTIONS AND EXCLUSIONS ARE THE SAME AS THAT SHOWN ON COMMITMENT NO. NCS-474346-SD SEPTEMBER 09, 2011.
- 15 EXCEPTIONS AND EXCLUSIONS ARE THE SAME AS THAT SHOWN ON COMMITMENT NCS-505191-SD DATED SEPTEMBER 15, 2011.

LEGEND:

- EASEMENT
- PROPERTY LINE
- SECURITY FENCE
- EXISTING WATER WELLS, NTS TO BE CAPPED OR DESTROYED
- ⊕ PROPOSED WELL LOCATIONS, NTS
- INTERNATIONAL BOUNDARY

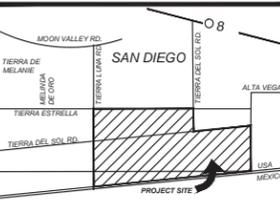


DESIGNER
AECOM
 AECOM TECHNICAL SERVICES, INC
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 Solana Beach, CA 98075
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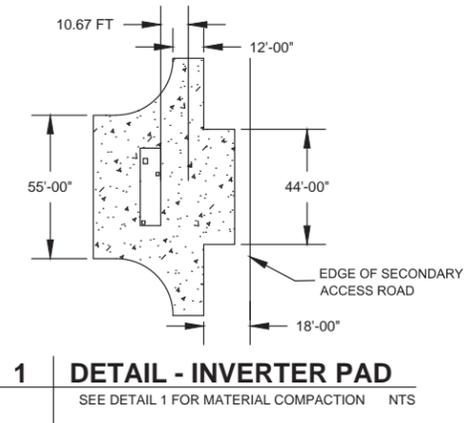
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 4250 Executive Square, Suite 770
 San Diego, CA 92037-9178

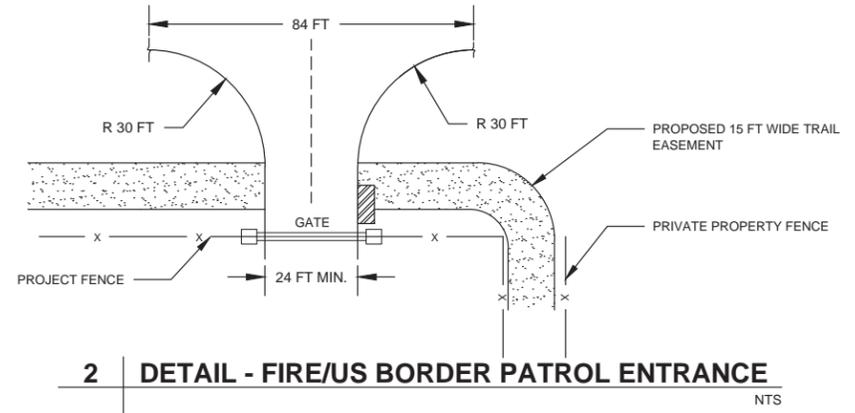
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VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE				
	NAME: Brown Family Trust, Brown & Reynolds Trust ADDRESS: 1116 W. 7th Sreet PMB 158 CITY: Columbia STATE: TN ZIP: 38401 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	APN: 6580903100, 6580905500, 6581200300, 6581200200, 6580905400 SITE ADDRESS: 796 Tierra del Sol Road, Boulevard, CA 91905	EXISTING: Relatively level land on the southern and central portions of the site with rolling rock and boulder covered hills on the northwestern portion. The site is minimally developed with unpaved roads. PROPOSED: 60 Megawatt (MW) project, constructed in two phases, located on approximately 420 acres and includes the construction and operation of approximately 2538 Concentrated Photovoltaic (CPV) trackers configured into 45 (1.36 MW) BB that consist of 56 trackers with associated Inverter and Transformer.	CPV System Summary Approx. Number of Trackers: 2538 Tracker per BB: 56 Number of BB: 45 Total AC Capacity (MWs): Approx. 60MW Inverter Skid AC Capacity (MWs): 1.36 / 2.0 Number of 1.36 MW Inverter Skids: 45 Total Lot Size (Acres): Approx. 420 Estimated Disturbed Acreage: 420 Coverage Ratio: 16%	EASEMENT PLAN <table border="1"> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> <tr> <td>C-102</td> <td>0</td> </tr> </table>	SHEET NUMBER	REV.	C-102	0
SHEET NUMBER	REV.									
C-102	0									

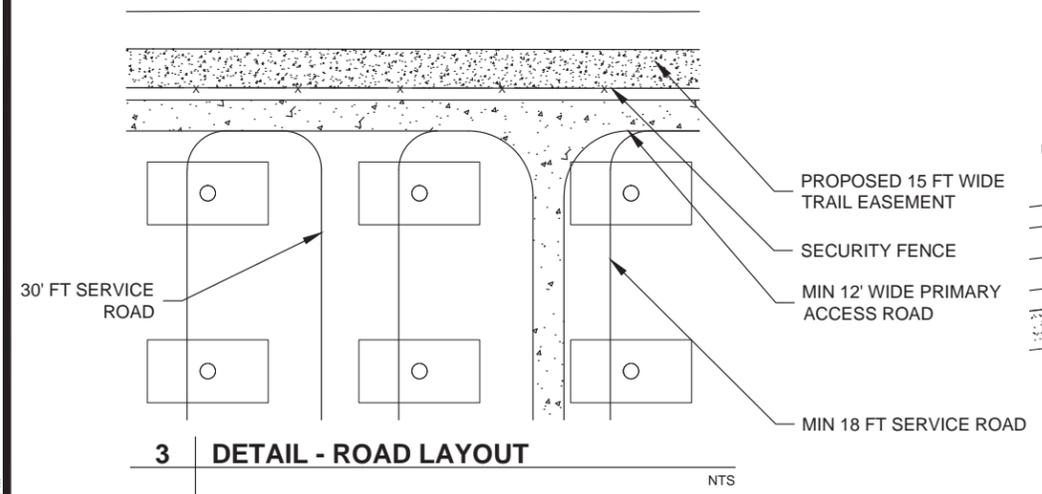
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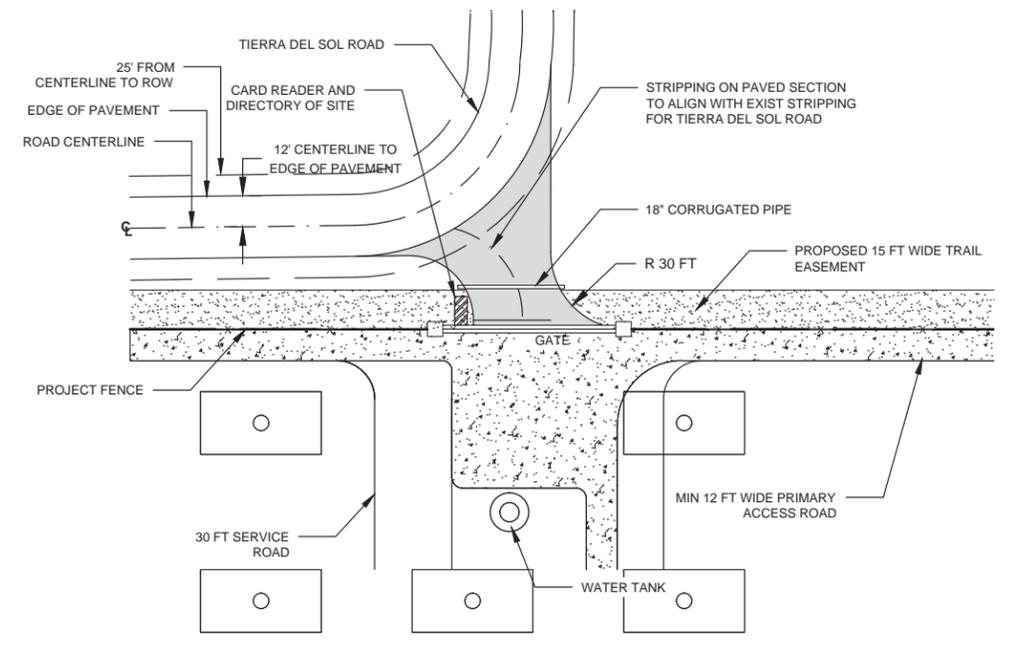
1 DETAIL - INVERTER PAD
SEE DETAIL 1 FOR MATERIAL COMPACTION NTS



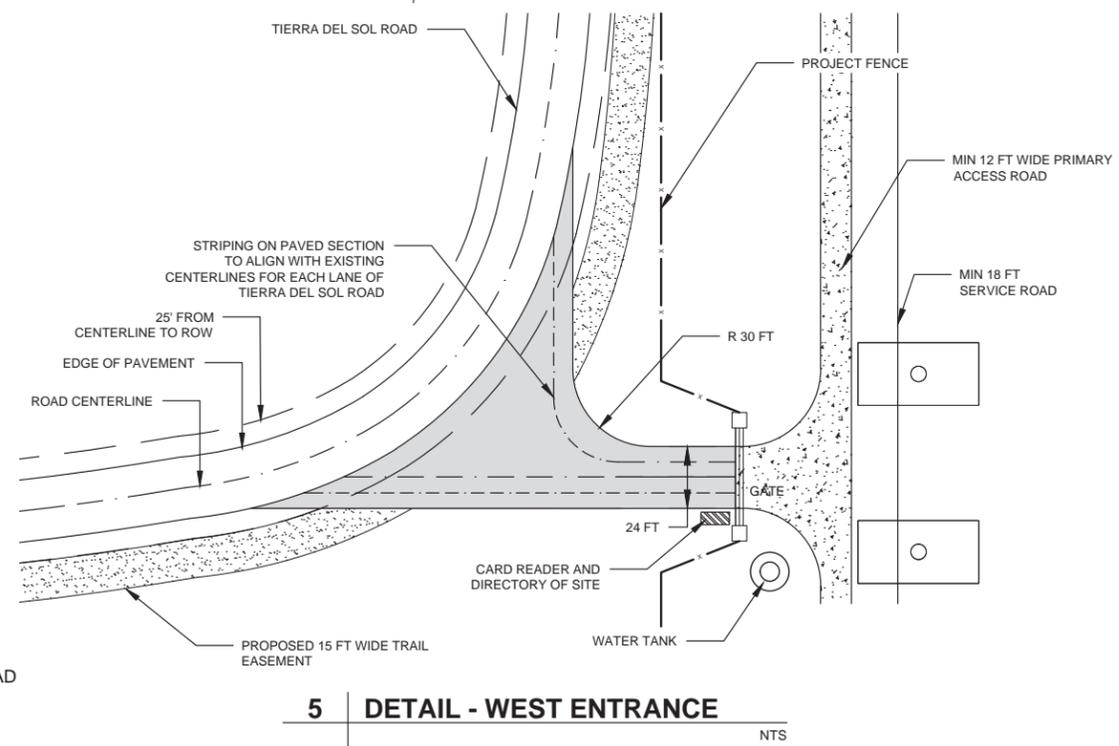
2 DETAIL - FIRE/US BORDER PATROL ENTRANCE
NTS



3 DETAIL - ROAD LAYOUT
NTS



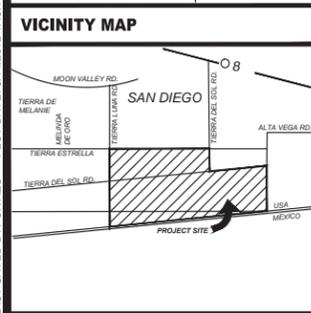
4 DETAIL - NORTH MAIN ENTRANCE
NTS



5 DETAIL - WEST ENTRANCE
NTS

AECOM
DESIGNER
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
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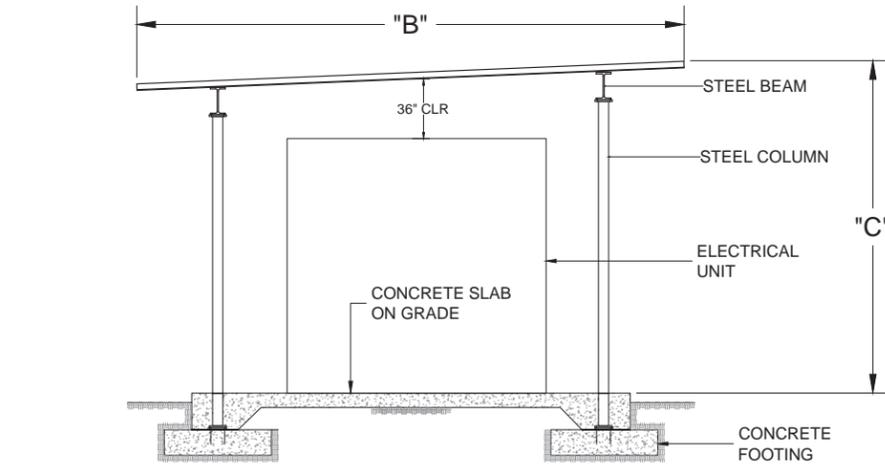
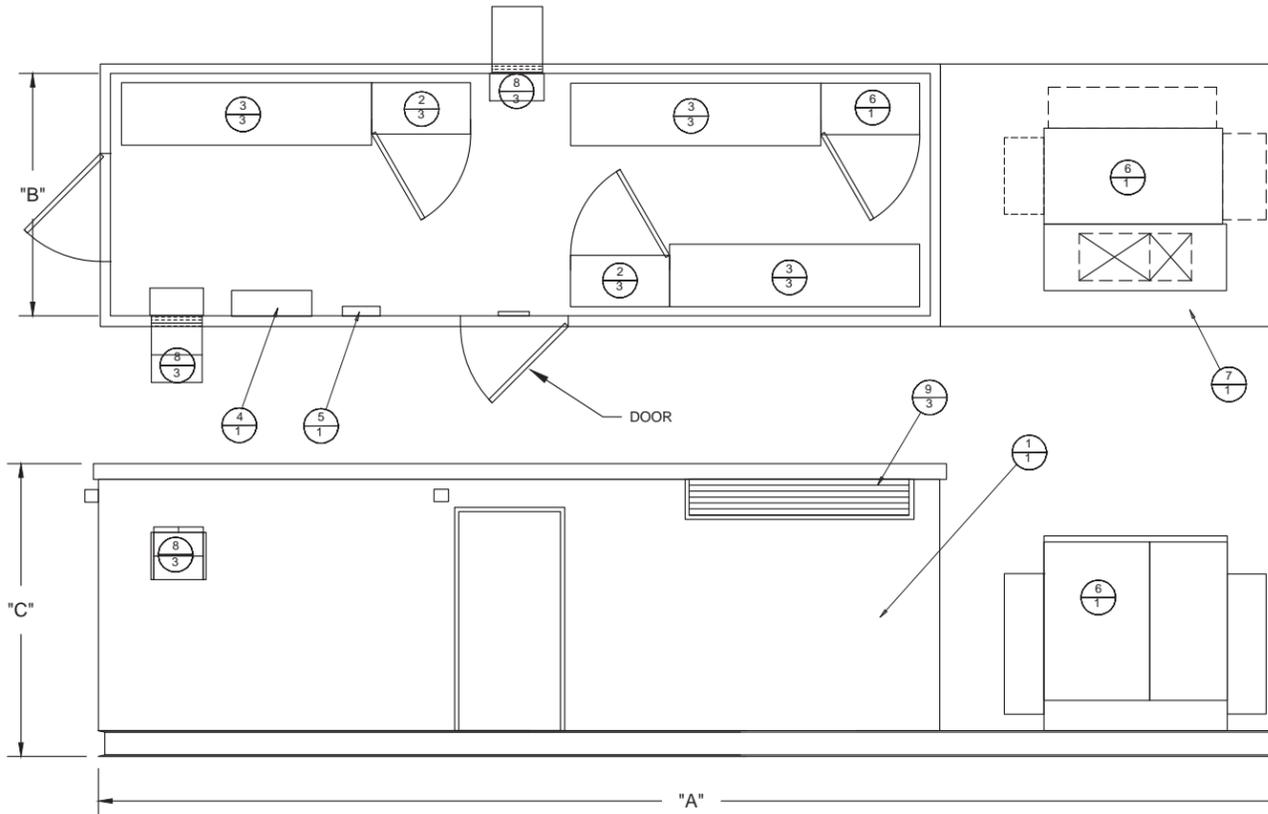
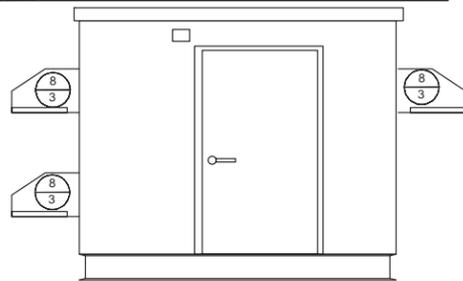
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Tracker per BB: 56
Number of BB: 45
Total AC Capacity (MWs): Approx. 60MW
Inverter Skid AC Capacity (MWs): 1.36 / 2.0
Number of 1.36 MW Inverter Skids: 45
Total Lot Size (Acres): Approx. 420
Estimated Disturbed Acreage: 420
Coverage Ratio: 16%

SHEET TITLE	
ROAD DETAILS	
SHEET NUMBER	REV.
C-103	0

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

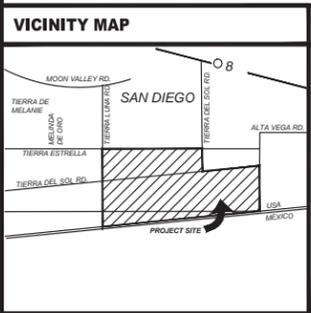
AECOM
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440 Stevens Avenue, Suite 250
Solana Beach, CA 98075
858.947.7144 tel 858.947.7145 fax
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CLIENT



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

FILE NAME: \\HTR-DATA\PROJECTS_01\3000\ENVIRONMENTAL\123_TIERRA_DEL_SOL\DWG\PROJECT DESCRIPTION\AECOM SITE PLANAUG 15\TIERRA DEL SOL\C-130.DWG
LAST SAVED BY: ORTIZG PLOT DATE: 8/15/2012 10:04:26 AM



OWNER INFORMATION	
NAME:	Brown Family Trust, Brown & Reynolds Trust
ADDRESS:	1116 W. 7th Street PMB 158
CITY:	Columbia
STATE:	TN
ZIP:	38401
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
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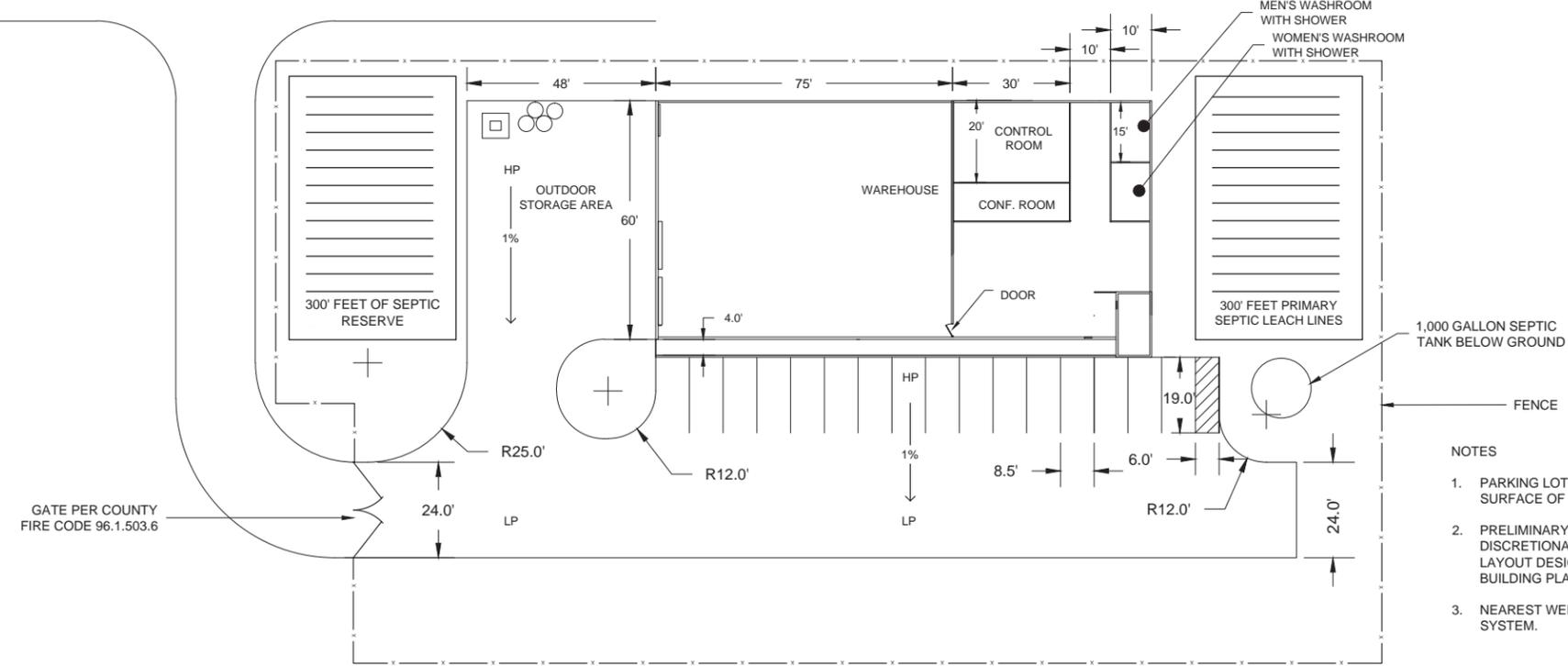
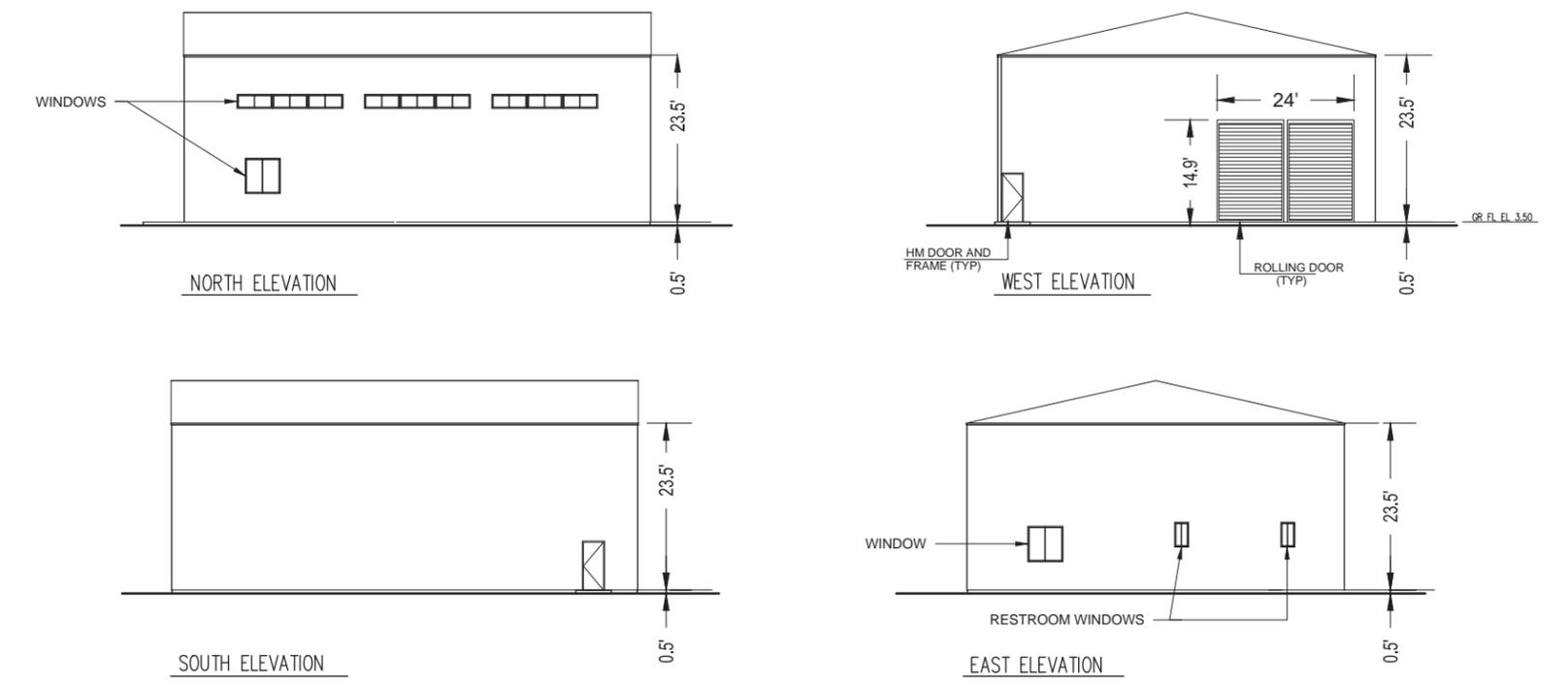
PARCEL INFORMATION	
APN:	6580903100, 6580905500, 6581200300, 6581200200, 6580905400
SITE ADDRESS:	796 Tierra del Sol Road, Boulevard, CA 91905

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Coverage Ratio:	16%

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

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LAST SAVED BY: ORTIZG PLOT DATE: 8/15/2012 10:04:52 AM



- NOTES**
1. PARKING LOT WILL BE AN IMPROVED SURFACE OF 6" D/G ON EXISTING SOIL.
 2. PRELIMINARY SEPTIC DESIGN IS FOR DISCRETIONARY REVIEW ONLY. FINAL SEPTIC LAYOUT DESIGN WILL BE PROVIDED WITH BUILDING PLANS.
 3. NEAREST WELL IS 800 FT FROM SEPTIC SYSTEM.

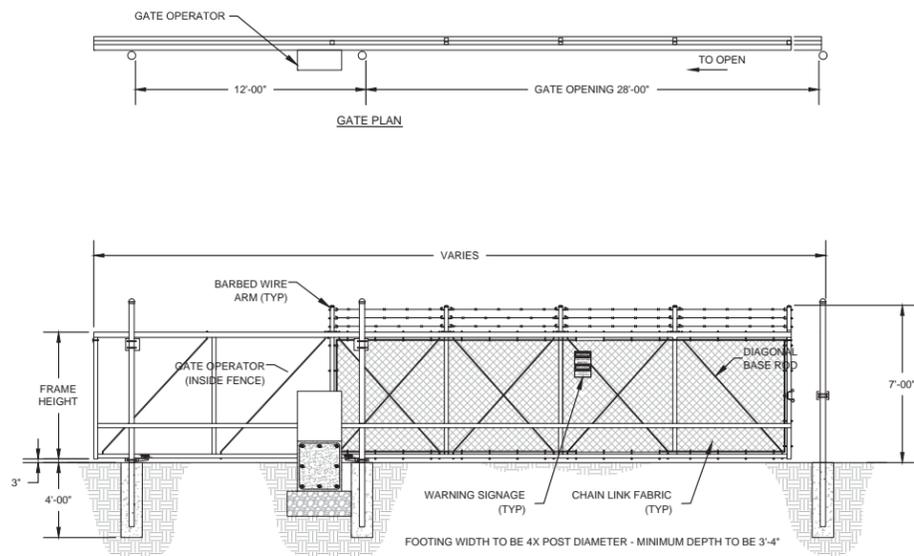
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Coverage Ratio:	16%																											
SHEET NUMBER	REV.																											
C-131	0																											

AECOM
 DESIGNER
 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

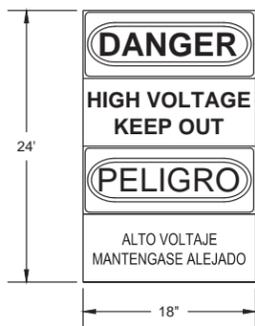
 Soitec Solar Development, LLC
 4250 Executive Square, Suite 770
 San Diego, CA 92037-9178

FENCE DETAILS

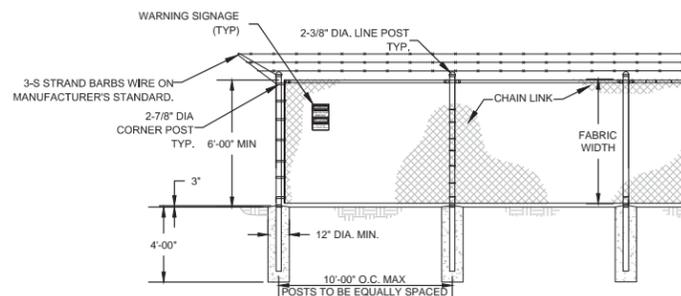


1 | DETAIL - GATE
SINGLE MOTORIZED SLIDING GATE NTS
PER COUNTY FIRE CODE 96.1.503.6

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



2 | WARNING SIGNAGE
Scale: NTS



3 | DETAIL - CHAIN LINK FENCE
NTS

- FENCE NOTES:
1. CHAIN LINK 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.

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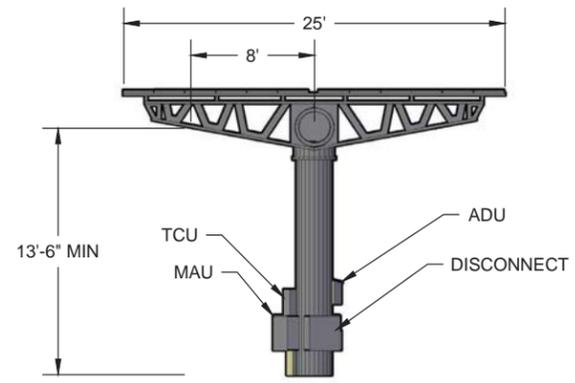


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4250 Executive Square, Suite 770
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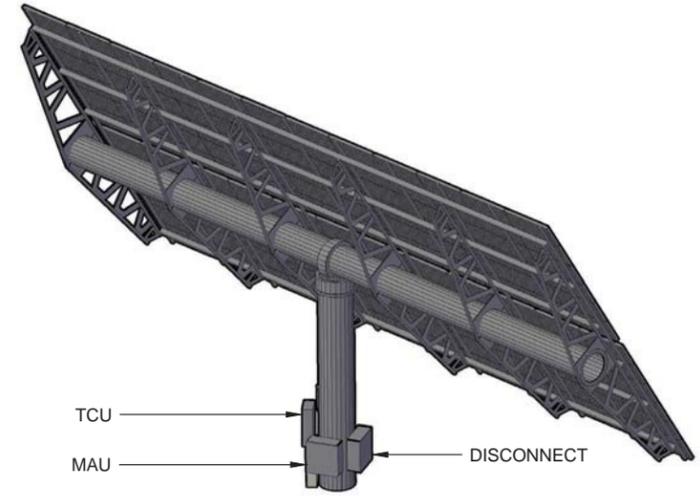
FILE NAME: \\HTR-DATA\1\PROJECTS_0LD\300\ENVIRONMENTAL\7123_TERRA_DEL_SOL\AECOM SITE PLANAUG 15\TERRA DEL SOL\C-132.DWG
LAST SAVED BY: ORTIZG PLOT DATE: 8/15/2012 10:05:13 AM

VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE																						
	<p>NAME: Brown Family Trust, Brown & Reynolds Trust ADDRESS: 1116 W. 7th Sreet PMB 158 CITY: Columbia STATE: TN ZIP: 38401 PHONE: FAX: EMAIL:</p>	<p>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</p>	<p>APN: 6580903100, 6580905500, 6581200300, 6581200200, 6580905400 SITE ADDRESS: 796 Tierra del Sol Road, Boulevard, CA 91905</p>	<p>EXISTING: Relatively level land on the southern and central portions of the site with rolling rock and boulder covered hills on the northwestern portion. The site is minimally developed with unpaved roads.</p> <p>PROPOSED: 60 Megawatt (MW) project, constructed in two phases, located on approximately 420 acres and includes the construction and operation of approximately 2538 Concentrated Photovoltaic (CPV) trackers configured into 45 (1.36 MW) BB that consist of 56 trackers with associated Inverter and Transformer.</p>	<p>CPV System Summary</p> <table border="1"> <tr> <td>Approx. Number of Trackers:</td> <td>2538</td> </tr> <tr> <td>Tracker per BB:</td> <td>56</td> </tr> <tr> <td>Number of BB:</td> <td>45</td> </tr> <tr> <td>Total AC Capacity (MWs):</td> <td>Approx. 60MW</td> </tr> <tr> <td>Inverter Skid AC Capacity (MWs):</td> <td>1.36 / 2.0</td> </tr> <tr> <td>Number of 1.36 MW Inverter Skids:</td> <td>45</td> </tr> <tr> <td>Total Lot Size (Acres):</td> <td>Approx. 420</td> </tr> <tr> <td>Estimated Disturbed Acreage:</td> <td>420</td> </tr> <tr> <td>Coverage Ratio:</td> <td>16%</td> </tr> </table>	Approx. Number of Trackers:	2538	Tracker per BB:	56	Number of BB:	45	Total AC Capacity (MWs):	Approx. 60MW	Inverter Skid AC Capacity (MWs):	1.36 / 2.0	Number of 1.36 MW Inverter Skids:	45	Total Lot Size (Acres):	Approx. 420	Estimated Disturbed Acreage:	420	Coverage Ratio:	16%	<p>FENCE ELEVATION DETAIL</p> <table border="1"> <tr> <th>SHEET NUMBER</th> <th>REV.</th> </tr> <tr> <td>C-132</td> <td>0</td> </tr> </table>	SHEET NUMBER	REV.	C-132	0
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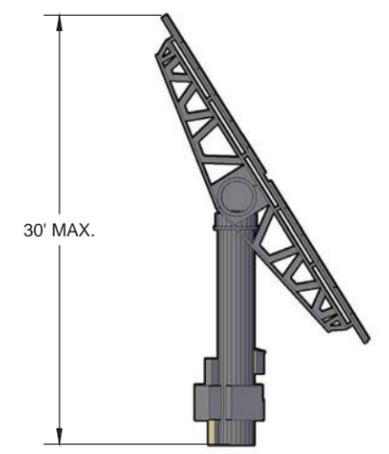
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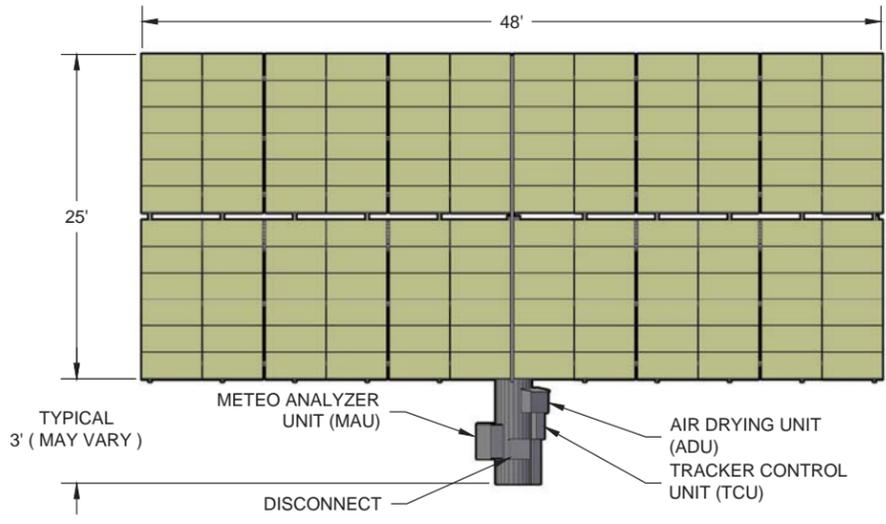
1 STOW MODE VIEW
Scale: NA



2 ISOMETRIC VIEW
Scale: NA



3 SIDE VIEW
Scale: NA



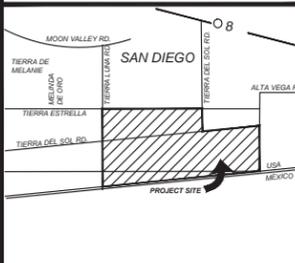
4 FRONT VIEW
Scale: NA

**PRELIMINARY,
NOT FOR CONSTRUCTION**

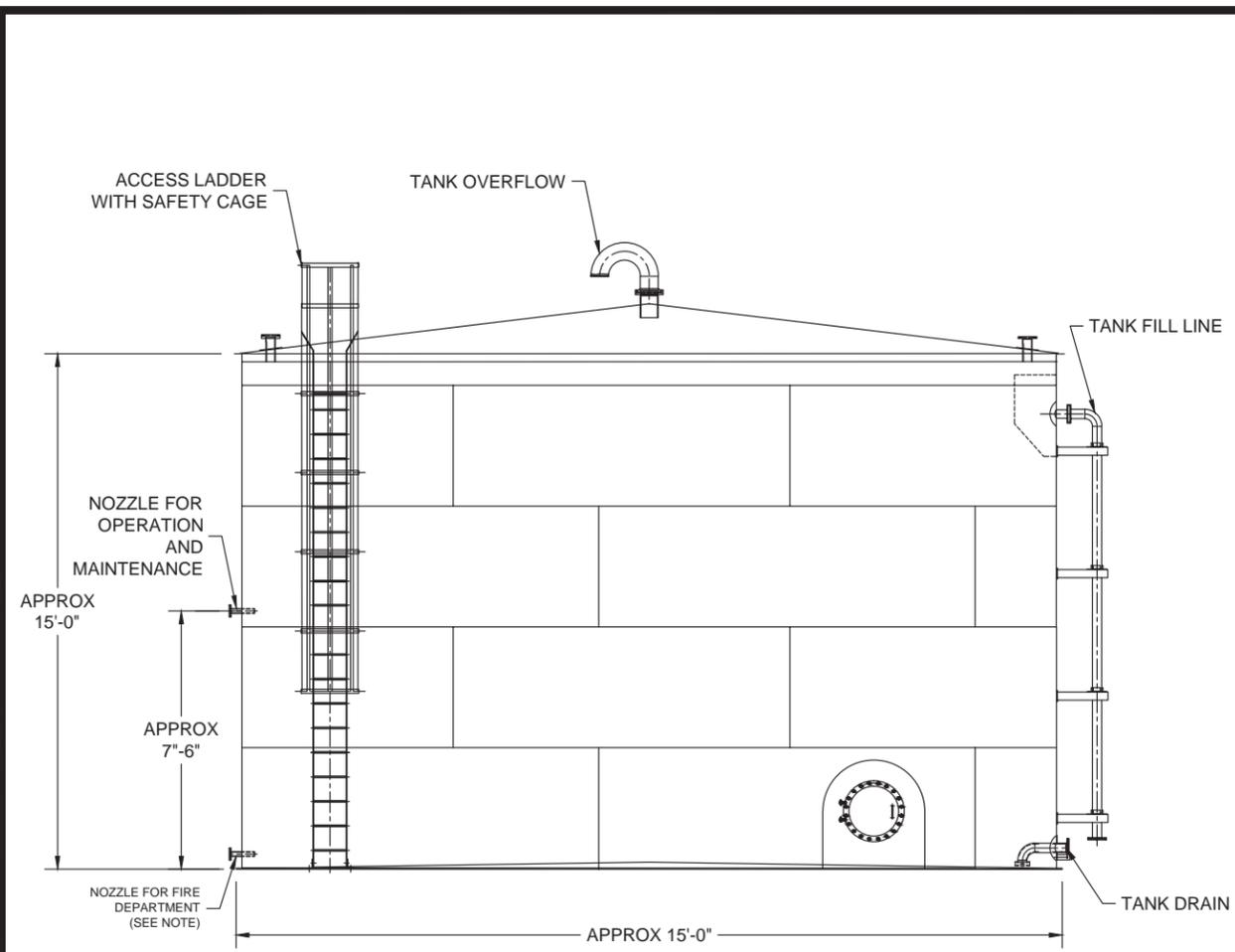
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C-133	0									

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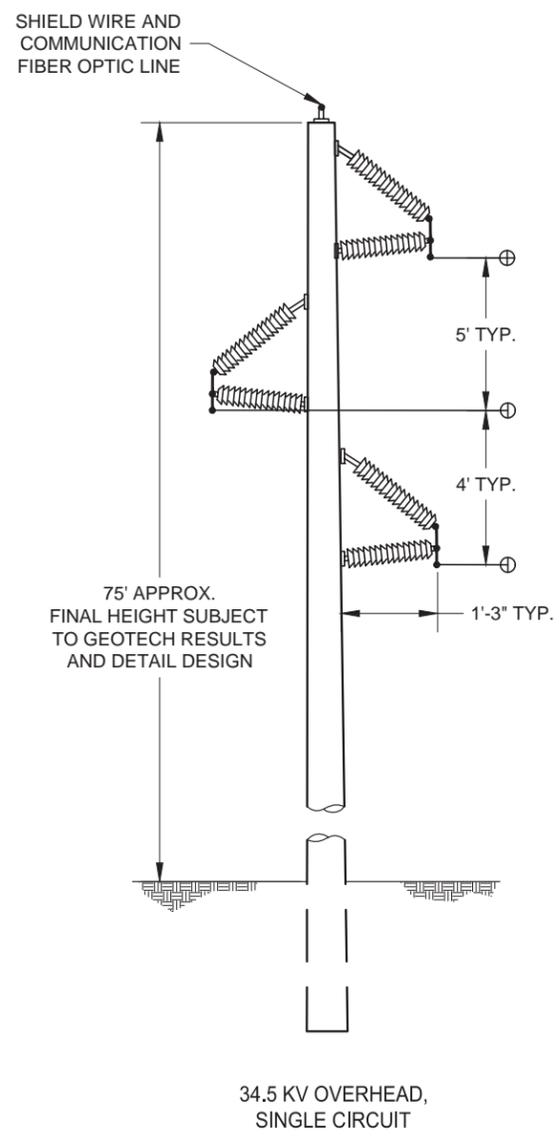


NOTE:

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 EAST 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.

1 | DETAIL - WATER TANK
Scale: NTS



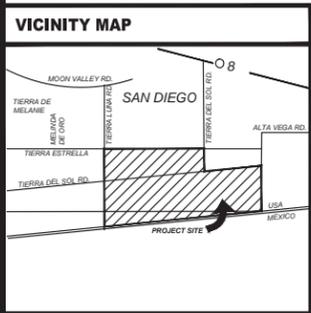
2 | DETAIL - TRANSMISSION POLE
Scale: NTS

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PLOT PLAN INFORMATION

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 Coverage Ratio: 16%

SHEET TITLE	
WATER TANK & 34.5KV OVERHEAD ELEVATION DETAL	
SHEET NUMBER	REV.
C-134	0

APPENDIX B

Photograph Log

Tierra Del Sol Solar Site, Boulevard, California FPP Photograph Log

1- View within western portion of the Project



2- Pine trees at highest point in Project



Tierra Del Sol Solar Site, Boulevard, California FPP Photograph Log

5- Typical fuels in the western portion of the Project



6 – Pine trees atop the high-point



Tierra Del Sol Solar Site, Boulevard, California

FPP Photograph Log

7 – Disturbed habitat.



8 – Easement and transmission line through Project with typical fuels in western portion



Tierra Del Sol Solar Site, Boulevard, California FPP Photograph Log

11 – Chaparral fuels in central portion of Project



12 – Chaparral fuels to the northeastern portion of Project



Tierra Del Sol Solar Site, Boulevard, California

FPP Photograph Log

13 – Existing roadway and disturbed fuels



14 – Existing roadway and disturbed chaparral fuels



Tierra Del Sol Solar Site, Boulevard, California FPP Photograph Log

17 – disturbed fuels in southern portion of Project



18 – chaparral species along southern boundary



Tierra Del Sol Solar Site, Boulevard, California

FPP Photograph Log

21 – Fuels along southern boundary



22 – fuels looking northeast from the southern boundary



Tierra Del Sol Solar Site, Boulevard, California

FPP Photograph Log

25 – One of a few Tecate Cypress on the site



26 – Fuels in the south-central portion of the site



Tierra Del Sol Solar Site, Boulevard, California FPP Photograph Log

29 – Heavy chaparral in the eastern portion of the site



30 – East of the Project site, graded and absent of vegetation



Tierra Del Sol Solar Site, Boulevard, California FPP Photograph Log

31 – Fuels beyond the border fence are consistent with site fuels and have burned relatively recently



32 – Burn area across the border



Tierra Del Sol Solar Site, Boulevard, California

FPP Photograph Log

35 – Along the eastern Project boundary



36 – Chaparral fuels to the east of the Project



Tierra Del Sol Solar Site, Boulevard, California

FPP Photograph Log

37 – Chaparral fuels to the east of the Project



38 – View of fuels along the SDG&E easement through the middle of the Project



Tierra Del Sol Solar Site, Boulevard, California FPP Photograph Log

39 – Uninterrupted chaparral vegetation



40 – Chaparral vegetation



Tierra Del Sol Solar Site, Boulevard, California

FPP Photograph Log

59 – Tierra Del Sol Road along Northern Property Boundary



60 – Tierra Del Sol Road and existing overhead utility lines

