

PRELIMINARY GRADING AND DRAINAGE NOTES

GRADING NOTES

- ALL GRADING SHALL CONFORM TO THE REQUIREMENTS OF THE GRADING ORDINANCE SECTIONS 87.101 THROUGH 87.804 OF THE SAN DIEGO COUNTY CODE OF REGULATORY ORDINANCES.
- 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 #73, MINOR GRADING CERTIFICATION, AND THREE (3) COPIES OF THE COMPACTION REPORT COMPLETED BY A SOILS ENGINEER SHALL BE SUBMITTED PRIOR TO ROUGH GRADE APPROVAL.
- ALL FILL MATERIAL SHALL BE COMPACTED AS NOTED.
- NATURAL DRAINAGE SHALL NOT BE DIVERTED OR CONCENTRATED ONTO ADJACENT PROPERTY.
- MAINTAIN 1% (MINIMUM) SLOPE AWAY FROM ALL BUILDINGS FOR AT LEAST 5'.
- ALL GRADING DETAILS SHALL BE IN CONFORMANCE WITH THE FOLLOWING SAN DIEGO COUNTY DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS:
 - DS-8 LOT GRADING
 - DS-10 GRADING OF SLOPES
 - DS-11 REQUIRED SETBACKS
 - D-40 RIP RAP ENERGY DISSIPATER
 - D-82 DEBRIS FENCE
 - DS-09 FENCING CUT BANKS
- 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.
- REGARDLESS OF WHICH BMP'S 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.
- REQUIRED SLOPE RATIOS ARE AS FOLLOWS:
 - CUTS - 1.5:1 FOR MINOR SLOPES (UP TO 15' VERTICAL HEIGHT)
 - CUTS - 2:1 FOR MAJOR SLOPES (OVER 15' VERTICAL HEIGHT)
 - FILLS - 2:1 (MAXIMUM) FOR ALL FILL SLOPES
- 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.
- 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:
 - IMPROVEMENT OF EXISTING GRADING TO CONFORM WITH THE GRADING ORDINANCE. AND;
 - REQUIREMENTS FOR FENCING OF EXCAVATIONS OR FILLS THAT WOULD OTHERWISE BE HAZARDOUS, AND;
 - ADEQUATE DUST CONTROL MEASURES.
- 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.
- 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:
 - SAN DIEGO GAS AND ELECTRIC (800) 422-4133
 - PACIFIC BELL (800) 422-4133
 - CATV (800) 422-4133
 - WATER UTILITY (800) 422-4133
 - SEWER UTILITY (800) 422-4133
- 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 OWNER'S PERMISSION IS OBTAINED, RIGHT TO ENTRY FORM COMPLETED AND VALID GRADING PERMIT ISSUED.
- 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.
- ROADS ARE CLASSIFIED ON THE DRAWING AS THE FOLLOWING:
 - PRIMARY ACCESS ROAD - 20FT WIDE GRADED ROAD IMPROVED TO CARRYING A 50,000LBS VEHICLE.
 - 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 20,659,925 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: 29,834 CUBIC YARDS

FILL: 29,834 CUBIC YARDS

IMPORT: CUBIC YARDS

EXPORT: 0 CUBIC YARDS

PRELIMINARY GRADING PLAN NOTE

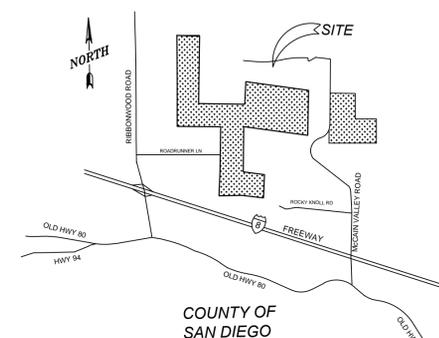
THIS PLAN IS PROVIDED TO ALLOW FOR FULL AND ADEQUATE DISCRETIONARY REVIEW OF A PROPOSED DEVELOPMENT PROJECT. THE PROPERTY OWNER ACKNOWLEDGES THAT ACCEPTANCE OR APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL TO PERFORM ANY GRADING SHOWN HEREON, AND AGREES TO OBTAIN VALID GRADING PERMISSION BEFORE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

STORMWATER MANAGEMENT NOTES

- 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.
- 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.
- 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.
- 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.
- EROSION CONTROL BMPs USED FOR SLOPE STABILIZATION SHALL BE INSTALLED AS SOON AS THE FINISHED SLOPES ARE COMPLETE.
- A PERIMETER BMP INSPECTION IS REQUIRED ON THE FIRST DAY OF GRADING
- WHERE AN EXISTING STORMWATER CONVEYANCE CROSSES OVER A PLANNED SECONDARY SERVICE ROAD, THE ROAD SHALL BE GRADED AND MAINTAINED AS A FORD.
- RIP RAP SHALL BE PLACED AT ALL LOCATIONS WHERE ONE DRAINAGE FEATURE (SUCH AS A DITCH OR A SWALE) DRAINS INTO A LARGER DRAINAGE FEATURE.
- 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.
- ALL SURFACES THAT ARE NOT IMPROVED ROADS SHOULD BE SEEDED AND REVEGETATED WITH DROUGHT TOLERANT PLANTS.

PROPERTY 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
APNs'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)

VICINITY MAP



CLIENT

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

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

CONTACT INFORMATION

NAME: PAT BROWN

ADDRESS: 4250 Executive Square, Suite 770
La Jolla, CA

TELEPHONE NUMBER: (858) 652-4423
(24 HOUR CONTACT NUMBER)

SITE A.P.N. NUMBER: SEE DRAWINGS C-202 THROUGH C-205

ADJACENT A.P.N NUMBERS SEE DRAWINGS C-202 THROUGH C-205

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 WDDID#:

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: Robert William Alexander Salom DATE: 07/16/10

RCE NO: C 76419 EXPIRES: 12/31/14

PRIVATE CONTRACT

COUNTY OF SAN DIEGO
DEPARTMENT OF PLANNING AND LAND USE

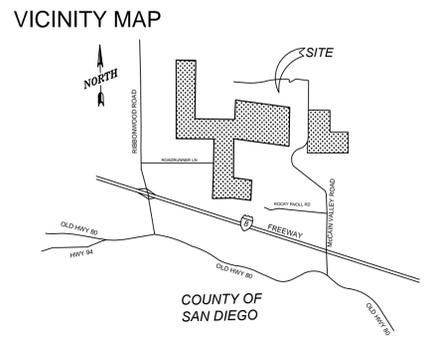
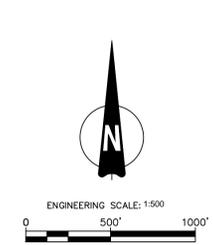
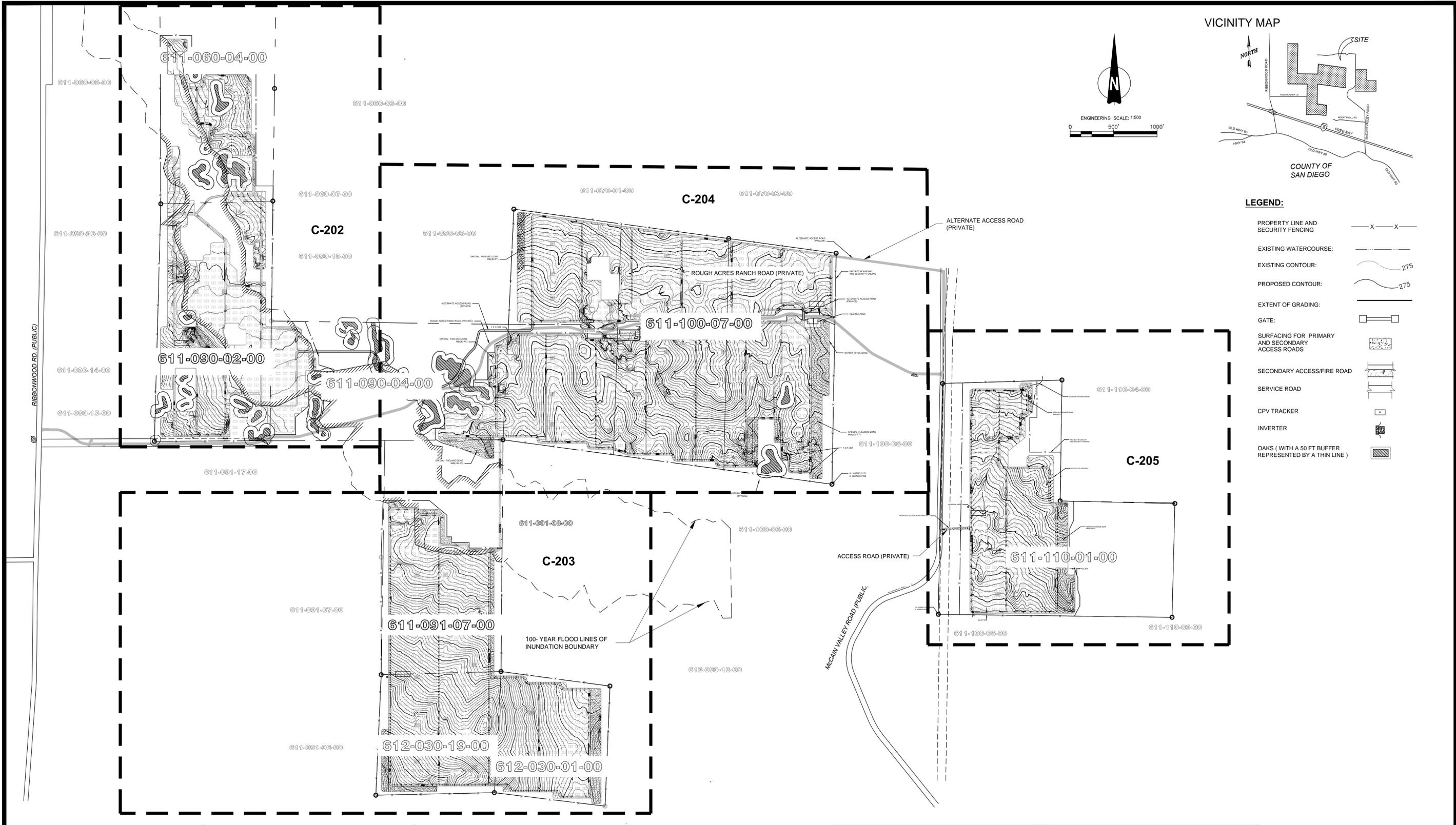
PRELIMINARY GRADING PLAN FOR:
**80 MW SOLAR SYSTEM
RUGGED SOLAR LLC**

SHEET NUMBER: C-200 REV: 1 SHEET: 1 OF SHEETS: 7

APPROVED DIRECTOR OF PLANNING AND LAND USE: GRADING PERMIT NUMBER:

BY: DATE:

FILE NAME: P:\PRE-JOBS\60212653-CONCENTRIX SOLAR\RUGGED_ACRES\400-TECHNICAL\42-CADD\CIVIL\GRADING & DRAINAGE DRAWINGS\WORKING DETAIL DRAWINGS\C-201_KEYPLAN_RUGGED_17_2013.DWG LAST SAVED BY: SALOMR PLOT DATE: 8/17/2013 5:28:14 PM



LEGEND:

PROPERTY LINE AND SECURITY FENCING	— X — X —
EXISTING WATERCOURSE:	— — — — —
EXISTING CONTOUR:	— 275 —
PROPOSED CONTOUR:	— 275 —
EXTENT OF GRADING:	— — — — —
GATE:	— [] —
SURFACING FOR PRIMARY AND SECONDARY ACCESS ROADS	[]
SECONDARY ACCESS/FIRE ROAD	[]
SERVICE ROAD	[]
CPV TRACKER	[]
INVERTER	[]
OAKS (WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE)	[]

CLIENT

Soitec

Soitec Solar Development, LLC
4250 Executive Square, Suite 770
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440 Stevens Avenue, Suite 250
Solana Beach, CA 98075
858.947.7144 tel 858.947.7145 fax
www.aecom.com

CONTACT INFORMATION

NAME: PAT BROWN
ADDRESS: 4250 EXECUTIVE SQUARE, SUITE 770
LA JOLLA, CA
TELEPHONE NUMBER: (858)652-4423
SITE A.P.N. NUMBER: 611-090-04, 611-091-03, 611-090-02, 611-060-04, 611-091-07, 612-030-19, 612-030-01, 611-100-07, 611-110-01
SITE ADDRESS:

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 WDDI#:

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.

Robert William Alexander Salom DATE: 07/16/10
RCE NO: C 76419 EXPIRES: 12/31/14
TELEPHONE NUMBER: (610) 419-6588

PRIVATE CONTRACT

COUNTY OF SAN DIEGO
DEPARTMENT OF PLANNING AND LAND USE

PRELIMINARY GRADING PLAN FOR:
**80 MW SOLAR SYSTEM
RUGGED LLC**

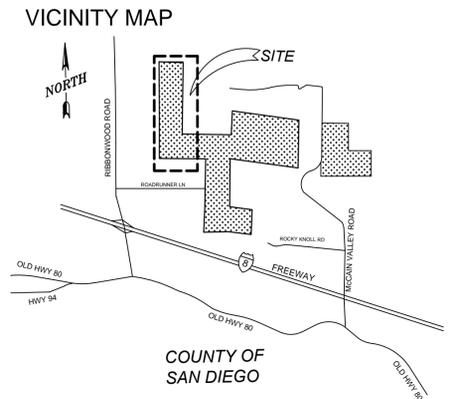
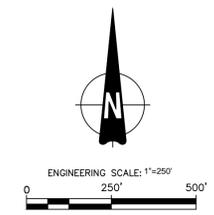
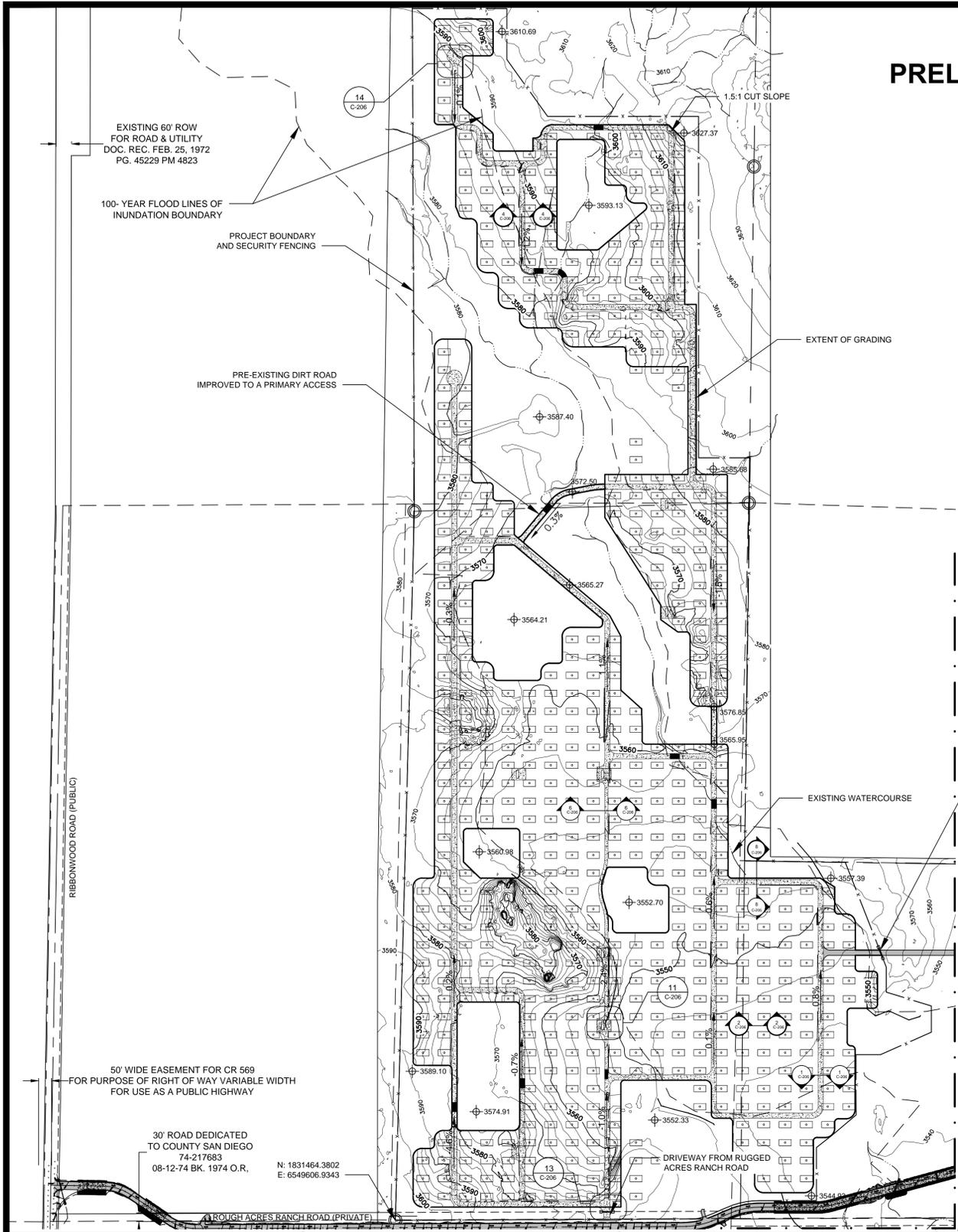
SHEET NUMBER: C-201 REV: 1 SHEETS: 2 OF 7 SHEETS: 7

APPROVED: DIRECTOR OF PLANNING AND LAND USE GRADING PERMIT NUMBER:
BY: DATE:

PRELIMINARY

FILE NAME: P:\PRE-JOBS\60212653-CONCENTRIX SOLAR\RUGGED_ACRES\400-TECHNICAL\42-CADD\CIVIL\GRADING & DRAINAGE DRAWINGS\WORKING GRADING\C-202\CAD\C-202_GRADING_REV(9_16_2013).DWG PLOT DATE: 9/16/2013 10:32:45 AM LAST SAVED BY: SALOMR

PRELIMINARY GRADING PLAN



GRADING LEGEND

PROPERTY LINE AND SECURITY FENCING	— X — X —
EXISTING WATERCOURSE:	— · — · —
EXISTING CONTOUR:	— 2.75 —
PROPOSED CONTOUR:	— 2.75 —
EXTENT OF DISTURBANCE:	— [] —
GATE:	— [] —
SURFACING FOR PRIMARY AND SECONDARY ACCESS ROAD.	[]

VISTA OAKS EARTHWORK	
BASE SURFACE	EXISTING GROUND
COMPARISON SURFACE	FUTURE GROUND
AREA SQ. FT.	4,289,010
AREA, acres	98.5
CUT, Cu. Yd.	6036
FILL, Cu. Yd.	6036
NET, Cu. Yd.	0

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Soitec Solar Development, LLC
4250 Executive Square, Suite 770
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AECOM

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

PROPERTY OWNER INFORMATION

NAME: Vista Oaks Business Park, John Gibson
ADDRESS: 1000 Pioneer Way
El Cajon, CA 92020

TELEPHONE NUMBER: (619) 440-7424
(24 HOUR CONTACT NUMBER) 611-090-04, 611-091-03
611-090-02, 611-060-04
SITE A.P.N. NUMBER: 611-090-04, 611-090-18, 611-060-07
611-090-14, 611-090-115, 611-091-17
SITE ADDRESS: 611-060-03, 611-060-04, 611-060-05, 611-090-19, 611-090-20, 611-090-20

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:	390,942	SF
DRIVEWAY:	1,424	SF
PRIMARY SEPTIC:		SF
FIRE CLEARING:	3,896,644	SF
TOTAL:	4,289,010	SF
IF ≥ 1 AC, PROVIDE WDDID#:		

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: Robert William Alexander Salom DATE: 07/16/10
RCE NO: C 76419 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**

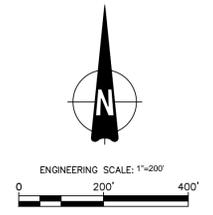
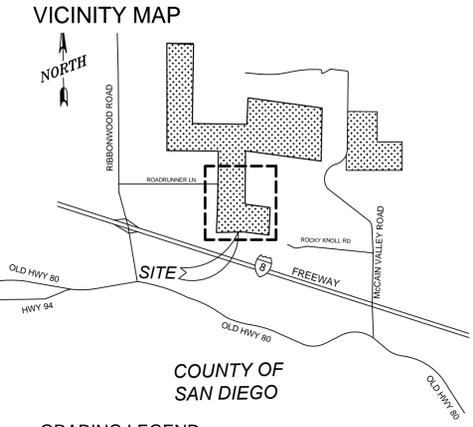
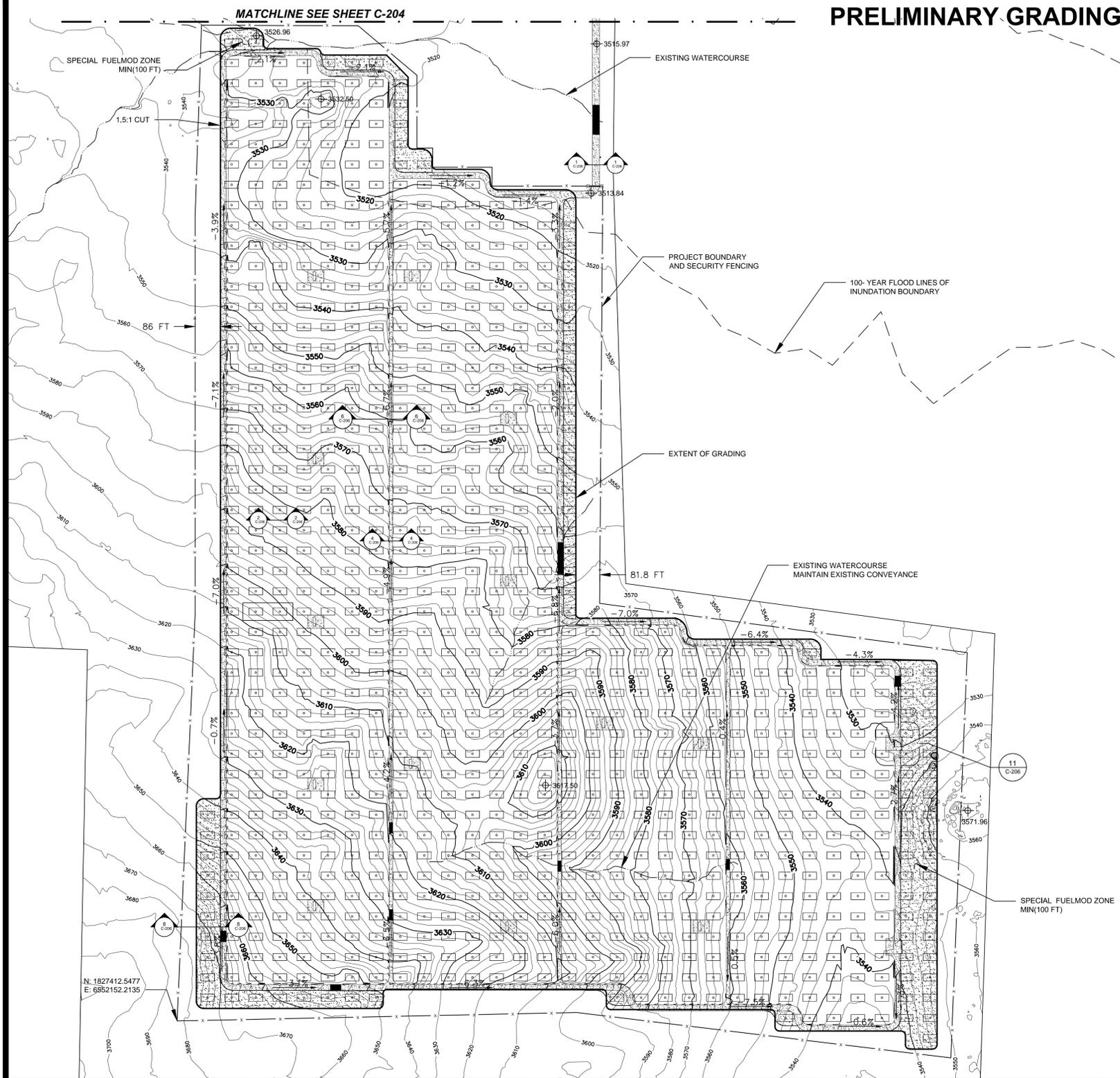
SHEET NUMBER C-202	REV. 2	SHEET: 3	OF SHEETS: 7
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APPROVED DIRECTOR OF PLANNING AND LAND USE: _____ GRADING PERMIT NUMBER: _____
BY: _____ DATE: _____

PRELIMINARY

FILE NAME: P:\PRE-DESIGN\CONCENTRIX SOLAR\RUGGED_ACRES\400-TECHNICAL\22-CADD\CIVIL\GRADING & DRAINAGE DRAWINGS\WORKING GRADING\C-203\CADD\C-203_GRADING_REV2(09_17_2013).DWG LAST SAVED BY: SALOMR PLOT DATE: 9/17/2013 9:01:31 AM

PRELIMINARY GRADING PLAN



GRADING LEGEND

PROPERTY LINE AND SECURITY FENCING	X X
EXISTING WATERCOURSE:	—
EXISTING CONTOUR:	~ 2.75
PROPOSED CONTOUR:	~ 2.75
EXTENT OF DISTURBANCE:	—
GATE:	□
SURFACING FOR PRIMARY AND SECONDARY ACCESS ROADS	▨

FRANKIE THIBODEAU EARTHWORK

BASE SURFACE	EXISTING GROUND
COMPARISON SURFACE	FUTURE GROUND
AREA SQ. FT.	5,810,893
AREA, acres	133.4
CUT, Cu. Yd.	3624
FILL, Cu. Yd.	3624
NET, Cu. Yd.	0

CLIENT

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Solana Beach, CA 98075
858.947.7144 tel 858.947.7145 fax
www.aecom.com

PROPERTY OWNER INFORMATION

NAME: Frankie Thibodeau
ADDRESS: 39990 Roadrunner Ln
Boulevard, CA 91905
TELEPHONE NUMBER: (619) 766-9105
(24 HOUR CONTACT NUMBER)
SITE A.P.N. NUMBER: 611-091-07, 612-030-19, 612-030-01
ADJACENT A.P.N. NUMBERS: 611-091-07, 612-030-02, 612-030-21
612-030-13, 611-100-006, 611-091-03, 611-091-02

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: 381,751 SF
DRIVEWAY: _____ SF
PRIMARY SEPTIC: _____ SF
FIRE CLEARING: 5,429,142 SF
TOTAL: 5,810,893 SF
IF ≥ 1 AC, PROVIDE WDD#: _____

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.

Robert William Alexander Salom DATE: 07/16/10
RCE NO: C 76419 EXPIRES: 12/31/14
TELEPHONE NUMBER: (510) 419-6588

PRIVATE CONTRACT

COUNTY OF SAN DIEGO
DEPARTMENT OF PLANNING AND LAND USE

PRELIMINARY GRADING PLAN FOR:
**80 MW SOLAR SYSTEM
RUGGED SOLAR LLC**

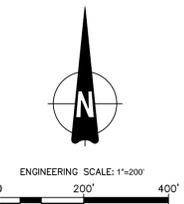
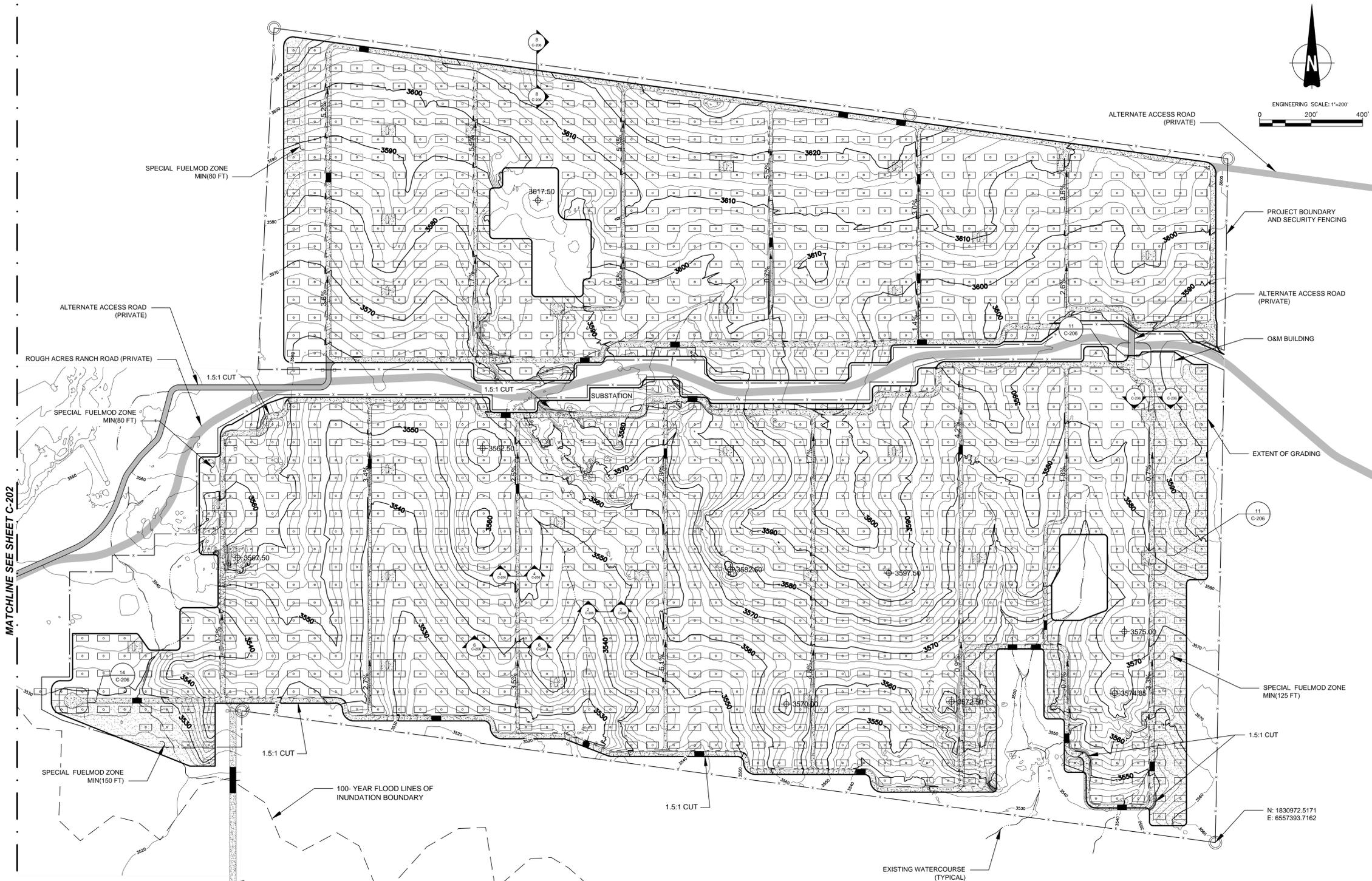
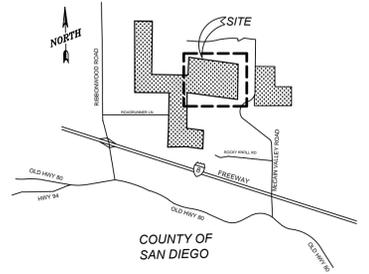
SHEET NUMBER: C-203 REV: 2 SHEET: 4 OF SHEETS: 7

APPROVED DIRECTOR OF PLANNING AND LAND USE: _____ GRADING PERMIT NUMBER: _____
DATE: _____

PRELIMINARY

PRELIMINARY GRADING PLAN

VICINITY MAP



GRADING LEGEND

- PROPERTY LINE AND SECURITY FENCING: — X — X —
- EXISTING WATERCOURSE: ————
- EXISTING CONTOUR: ———— 275
- PROPOSED CONTOUR: ———— 275
- EXTENT OF DISTURBANCE: ————
- GATE: ————
- SURFACING FOR PRIMARY AND SECONDARY ACCESS ROADS: [Pattern]

HARMONY GROVE EARTHWORK

BASE SURFACE	EXISTING GROUND
COMPARISON SURFACE	FUTURE GROUND
AREA SQ. FT.	9,603,058
AREA, acres	220.5
CUT, Cu. Yd.	14156
FILL, Cu. Yd.	14156
NET, Cu. Yd.	0

FILE NAME: P:\PRE-JOBS\60212653-CONCENTRIX SOLARRUGGED_ACRES\400-TECHNICAL\22-CADD\CIVIL\GRADING & DRAINAGE DRAWINGS\WORKING GRADING\C-204\CAD\C-204_GRADING_REV219_16_2013.DWG PLOT DATE: 9/16/2013 10:17:52 AM LAST SAVED BY: SALOMR

CLIENT

Soitec

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

AECOM

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

PROPERTY OWNER INFORMATION

NAME: Harmony Grove Partners John Gibson
ADDRESS: 1000 Pioneer Way
El Cajon, CA 92020
TELEPHONE NUMBER: (619) 440-7424
(24 HOUR CONTACT NUMBER)
SITE A.P.N. NUMBER: 611-100-07
ADJACENT A.P.N. NUMBERS: 611-100-06, 611-091-03, 611-070-03
611-070-01, 611-060-03, 611-090-03, 611-090-04

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: 837,935 SF
DRIVEWAY: 4,056 SF
PRIMARY SEPTIC: SF
FIRE CLEARING: 8,761,067 SF
TOTAL: 9,603,058 SF

IF ≥ 1 AC, PROVIDE WDD#: _____

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.

Robert William Alexander Salom DATE: 07/16/10
RCE NO: C-76419 EXPIRES: 12/31/14
TELEPHONE NUMBER: (510) 419-6588

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-204	REV. 2	SHEET 5	OF SHEETS 7
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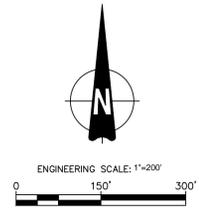
APPROVED DIRECTOR OF PLANNING AND LAND USE: _____
GRADING PERMIT NUMBER: _____
DATE: _____

PRELIMINARY

FILE NAME: P:\PRE-DESIGN\CONCENTRIX SOLAR\RUGGED_ACRES\400-TECHNICAL\42-CADD\CIVIL\GRADING & DRAINAGE DRAWINGS\WORKING GRADING\C-205\CADD\C-205_GRADING_REV2(19_16_2013).DWG PLOT DATE: 9/17/2013 5:09:15 PM LAST SAVED BY: SALOMR

PRELIMINARY GRADING PLAN

VICINITY MAP



GRADING LEGEND

- PROPERTY LINE AND SECURITY FENCING: — X — X —
- EXISTING WATERCOURSE: ————
- EXISTING CONTOUR: ———— 2.75
- PROPOSED CONTOUR: ———— 2.75
- EXTENT OF DISTURBANCE: ————
- GATE: ————
- SURFACING FOR PRIMARY AND SECONDARY ACCESS ROADS: [Pattern]

WATERSTONE EARTHWORK	
BASE SURFACE	EXISTING GROUND
COMPARISON SURFACE	FUTURE GROUND
AREA SQ. FT.	2,782,496
AREA, acres	64
CUT, Cu. Yd.	5819
FILL, Cu. Yd.	5819
NET, Cu. Yd.	0

MATCHLINE SEE SHEET C-204

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

PROPOSED ACCESS ROAD (PRIVATE)

MC CAIN VALLEY ROAD (PUBLIC)

N: 1829483.1431
E: 6558618.3094

CLIENT

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

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

PROPERTY OWNER INFORMATION

NAME: Waterstone Support Foundation Inc. John Gibson
ADDRESS: 2925 Professional PI #200
Colorado Springs, CA 80904
TELEPHONE NUMBER: (619) 440-7424
(24 HOUR CONTACT NUMBER)
SITE A.P.N. NUMBER: 611-110-01
ADJACENT A.P.N. NUMBERS: 611-110-04, 611-100-06, 611-110-02

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: 214,904 SF
DRIVEWAY: 8,370 SF
PRIMARY SEPTIC: _____ SF
FIRE CLEARING: 2,559,222 SF
TOTAL: 2,782,496 SF
IF ≥ 1 AC, PROVIDE WDD#: _____

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.

Robert William Alexander Salom DATE: 07/16/10
RCE NO: C 76419 EXPIRES: 12/31/14
TELEPHONE NUMBER: (510) 419-6588

PRIVATE CONTRACT

COUNTY OF SAN DIEGO
DEPARTMENT OF PLANNING AND LAND USE

PRELIMINARY GRADING PLAN FOR:
**80 MW SOLAR SYSTEM
RUGGED SOLAR LLC**

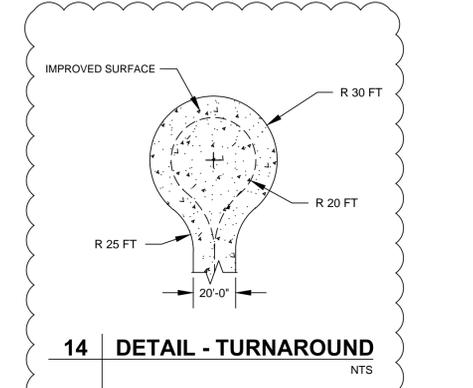
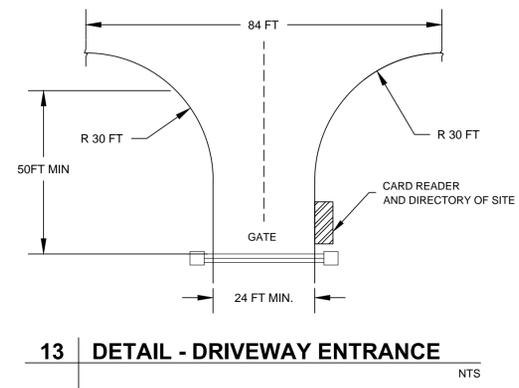
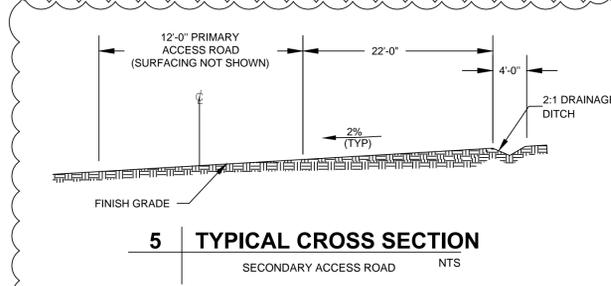
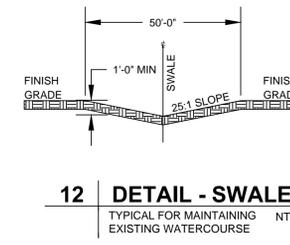
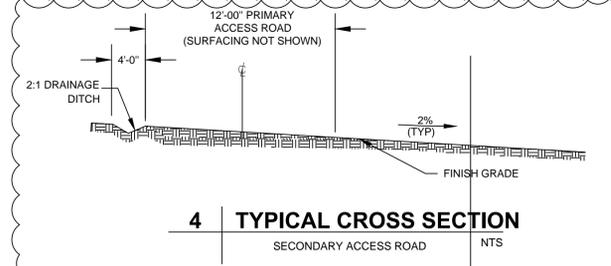
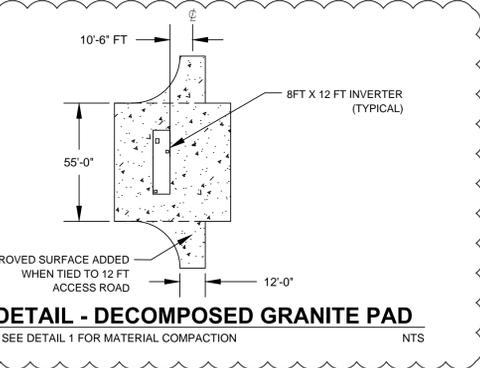
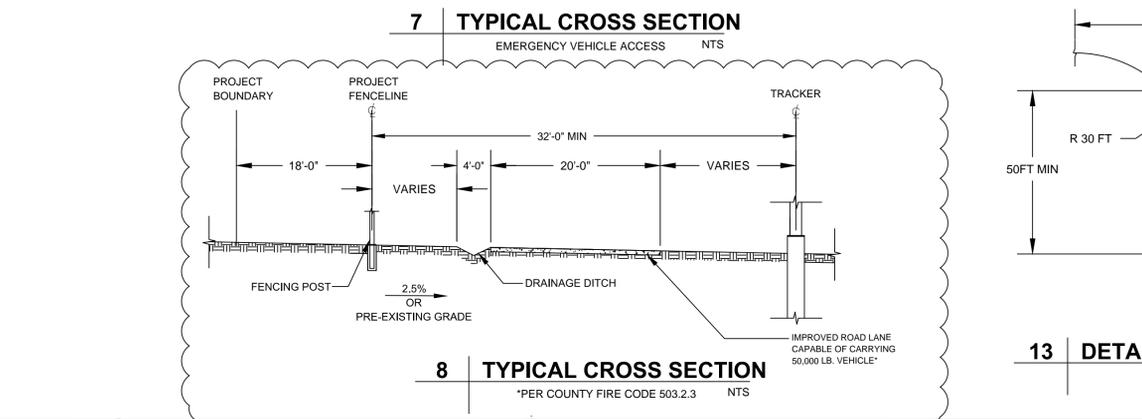
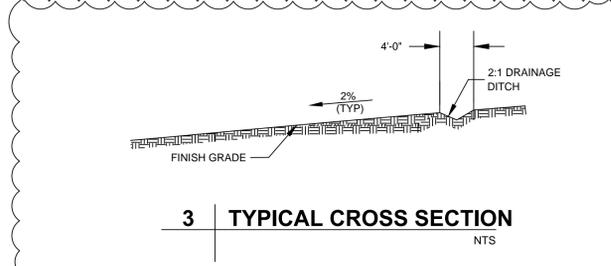
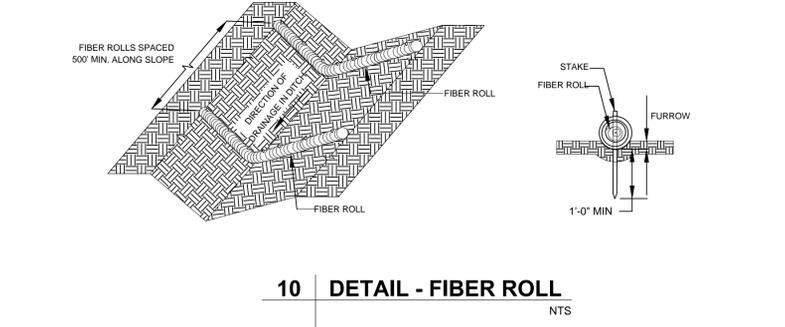
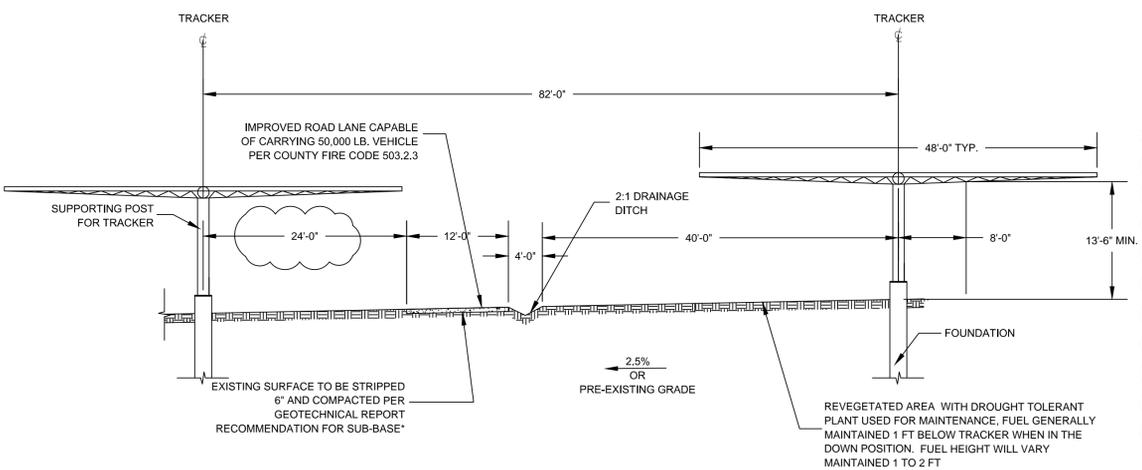
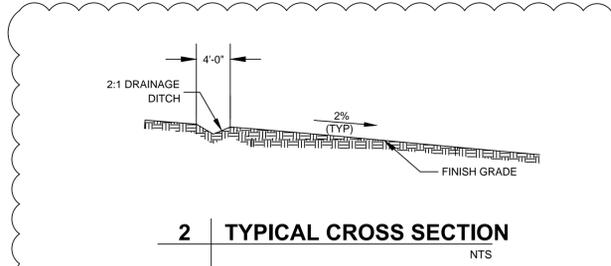
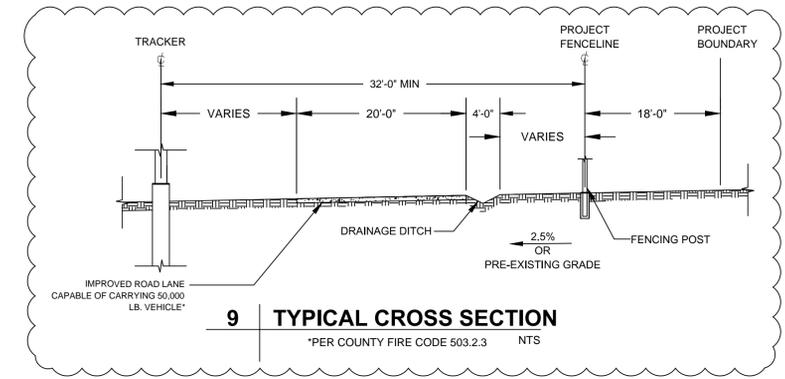
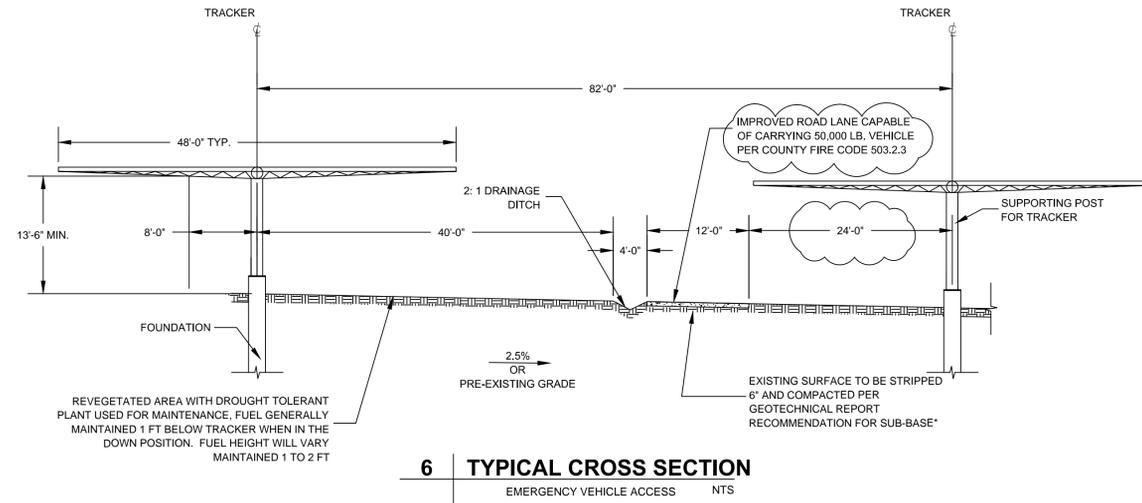
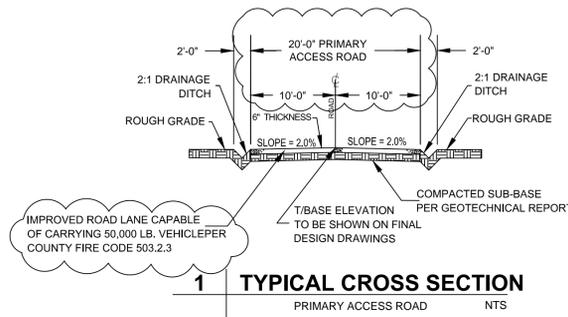
SHEET NUMBER: C-205 REV: 2 SHEET: 6 OF SHEETS: 7

APPROVED DIRECTOR OF PLANNING AND LAND USE: _____ GRADING PERMIT NUMBER: _____
BY: _____ DATE: _____

PRELIMINARY

FILE NAME: P:\PRE-JOB\60212653-CONCENTRIX SOLAR\RUGGED_ACRES\400-TECHNICAL\422-CADD\CIVIL\GRADING & DRAINAGE DRAWINGS\WORKING DETAIL DRAWINGS\SC-206_DETAILS_RUGGED\9_16_2013\DWG LAST SAVED BY: SALOMR PLOT DATE: 9/17/2013 5:01:13 PM

DETAILS



CLIENT

Soitec

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

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

PROPERTY OWNER INFORMATION

NAME: SEE SHEETS C-202 THROUGH C-205

ADDRESS: _____

TELEPHONE NUMBER: _____
(24 HOUR CONTACT NUMBER)

SITE A.P.N. NUMBER: _____

SITE ADDRESS: _____

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:

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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 WDID#: _____

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: Robert William Alexander Salom DATE: 07/10

RCE NO: C_76419 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-206 REV: 1 SHEET: 7 OF SHEETS: 7

APPROVED DIRECTOR OF PLANNING AND LAND USE: _____ GRADING PERMIT NUMBER: _____

PRELIMINARY