



UNANTICIPATED DISCOVERY PLAN FOR CULTURAL RESOURCES

ORIANA SOLAR PROJECT VICTORIA COUNTY, TEXAS

INTRODUCTION

Oriana Solar, LLC is developing the Oriana Solar Project on approximately 1,100 acres of undeveloped land generally east of U.S. Highway 77 North, north of NE Zac Lentz Parkway, north of the city limits of Victoria, in Victoria County, Texas (site or project). The project is located within a larger 3,027-acre parcel; however, development has been sited to avoid identified constraints within the site. The location of the site can be seen on the vicinity map and the proposed project area can be seen on the attached buildable area exhibit. Oriana Solar, LLC has terminated a leased area of Garcitas Ranch LP located in the north central portion of the site, north of Willow Creek. The solar project does not propose construction within this area. The ALTA/NSPS Land Title Survey for the project that shows this Garcitas Ranch LP terminated lease area is attached.

Oriana Solar, LLC intends to develop a solar energy facility with associated interior roads, infrastructure, and necessary equipment within the site. A site layout for the project that shows blocks for solar arrays is attached. Although the project has no federal nexus which would trigger compliance with the National Historic Preservation Act (NHPA), a desktop cultural resources review was performed as due diligence to gather information on previously identified cultural resources in the vicinity of the project area. As further due diligence, this Unanticipated Discovery Plan has been prepared and will be followed if cultural resources, including human remains, are encountered during construction onsite.

CULTURAL RESOURCES INFORMATION

A desktop cultural resources review was performed by Stone Point Services, LLC for the project area. This scope included the review of the Texas Archeological Sites Atlas and the National Register of Historic Places (NRHP) database to identify previously recorded cultural resources located within the site, also referred to as the project's proposed Area of Potential Effect (APE). Stone Point Services, LLC performed a limited desktop analysis to evaluate the potential for the project to be considered a federal action, which would trigger NHPA requirements. Stone Point Services, LLC also evaluated the potential for Antiquities Code of Texas (ACT) requirements. The proposed project does not have a federal nexus and it is on private land. Therefore, NHPA and ACT do not apply to the project and additional study/survey and consultation with and/or concurrence from a lead federal agency (i.e. U.S. Army Corps of Engineers) or the Texas Historical Commission (THC) is not required.

Based on a review of the Texas Archeological Sites Atlas and the NRHP database, no archaeological sites have been recorded within one mile of the site. Two archaeological surveys have been conducted within one mile of the site. The site is located along Willow Creek and its tributaries to the south, which may increase the likelihood of unrecorded archaeological sites being present within the project area. A

review of previously recorded archaeological sites within similar environmental settings indicates that chances of encountering an unrecorded prehistoric archaeological site(s) within the northern portion of the site are high. A copy of the cultural resources desktop review letter is attached.

ACTIONS FOR IMPLEMENTATION

Construction work has the potential to uncover previously unidentified Native American or Euro-American artifacts. If an artifact or material is discovered that is not of a clearly modern manufacture date (i.e. most of the artifacts being made of plastic, or having UPC bar codes), work will be halted until a qualified historic archaeologist can be consulted. It will be stressed that consistent identification of archaeological artifacts and features, especially historic archaeological material, requires considerable training and experience, and if there is any doubt about the age of any material uncovered, a professional archaeologist will be consulted. Work will be halted upon the discovery of any artifacts or features, and a qualified archaeologist will be consulted.

Native American artifacts may include (but are not limited to):

- Flaked stone tools or the chipping debris from stone tool production
- Ground stone tools such as mortars, bowl, and pestles
- Remains of fire hearths generally observed as discolored (often black, red, or mottled) earth
- Charcoal staining; broken discolored rocks or shell
- Structural remains such as wooden beams, post holes, or fishing weirs

Historical artifacts may include (but are not limited to):

- Glass artifacts (bottles, vessels, windows)
- Ceramics (tableware, storage vessels, etc.)
- Metal (cans or tins, industrial parts, nails)
- Building materials (brick, mortar, beams, shingles, etc.)
- Industrial or agricultural equipment or parts
- Refuse piles may contain important archaeological evidence
- Some plastics have manufacture dates before the 50-year threshold
- Structural features such as foundations or basements, when found in areas where no buildings are known to have been present, will be investigated before further disturbance occurs.

Protocol for coordination in the event of inadvertent discovery:

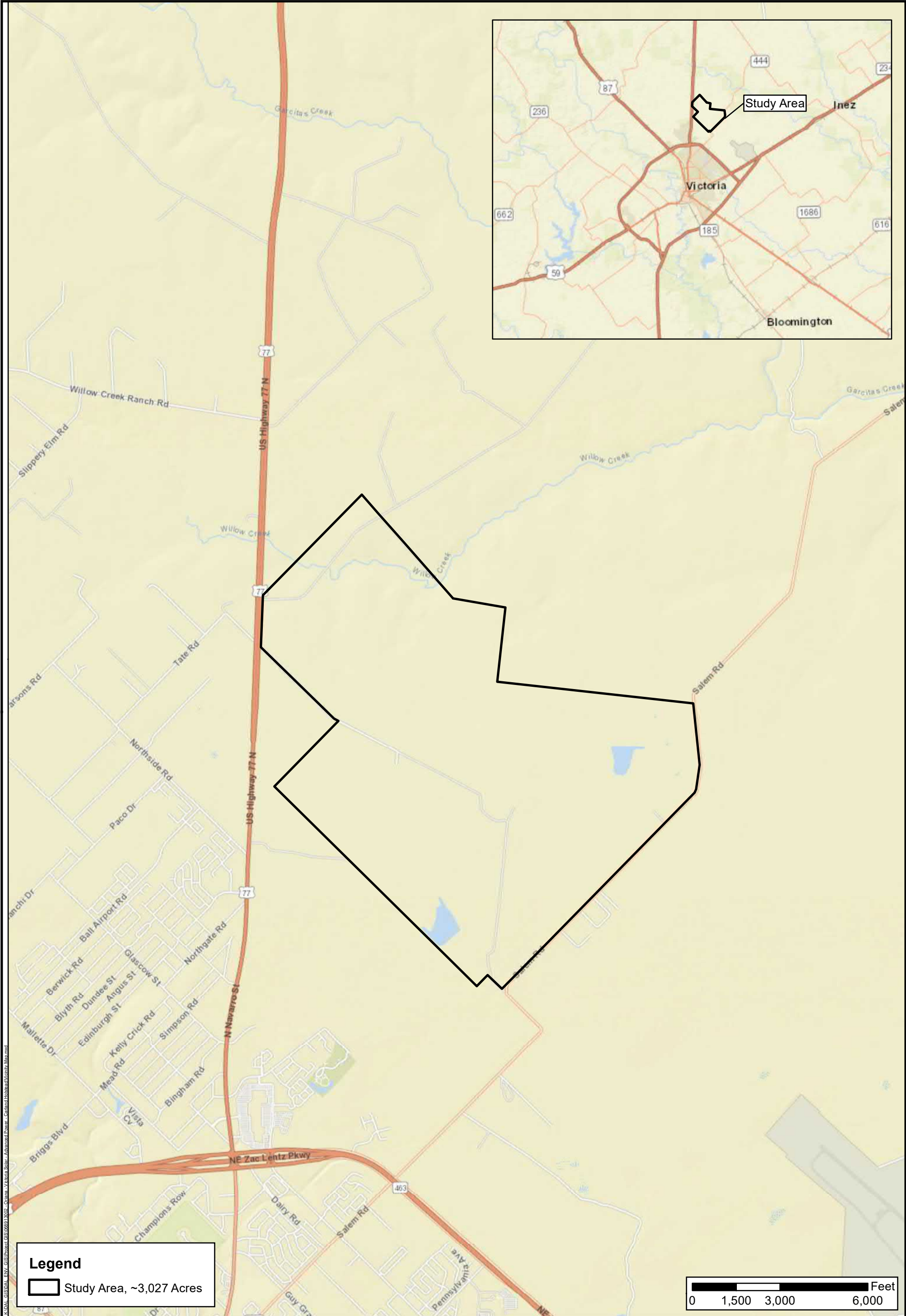
- In the event of an inadvertent discovery of possible cultural materials, including human remains, all work will stop immediately in the vicinity of the find. A 100-foot buffer will be placed around the discovery with work being able to proceed outside of this buffered area unless additional cultural materials are encountered.
- The area will be secured and protected.
- The project manager/land manager will be notified. The project/land manager will notify the State Historic Preservation Office (SHPO) – Texas Historical Commission (THC)
 - THC Main Contact Information:
 - Main Phone: (512) 463-6100

- Main Email: thc@thc.texas.gov
- THC Archeology Division:
 - Program Coordinator, Review and Compliance: Emily Dylla
 - (512) 463-5915
 - emily.dylla@thc.texas.gov
 - Victoria County Reviewer: Jeff Durst
 - (512) 463-8884
 - jeff.durst@thc.texas.gov
- THC Architecture Division:
 - Program Coordinator, Federal and State Review: Alexander Shane
 - (512) 463-8952
 - alexander.shane@thc.texas.gov
 - Victoria County Reviewer: Sheena Cox
 - (512) 463-6083
 - sheena.cox@thc.texas.gov
- If possible human remains are encountered, the Victoria County Sheriff's Office, SHPO, and appropriate Tribes will also be notified.
 - Victoria County Sheriff's Office: (361) 575-0651
 - SHPO: Emily Dylla: (512) 463-5915; emily.dylla@thc.texas.gov
 - Appropriate Tribes: As designated by SHPO
- No work may resume until consultation with the SHPO has occurred and a professional archaeologist is able to assess the discovery.
- If human remains are encountered, do not disturb them in any way. Do not call 911. Do not speak with the media. Secure the location. Do not take Photos. The location shall be secured, and work will not resume in the area of discovery until all parties involved agree upon a course of action.

Proceeding with Construction:

- Construction can only proceed after consultation has been concluded
- Some areas may be specified for close monitoring or as "no-work zones" within the larger project area
- For any inadvertent discovery, A professional archaeologist may be needed to assess the discovery and they will consult with SHPO and appropriate Tribal Governments to determine an appropriate course of action.

ATTACHMENTS



\\CGH\GIS\DATA\ENV\GIS\Projects\068913002_Oriana_Victoria_Solar\Approved\Draw - Client\101816_Victoria_Memo.dwg

Legend

Study Area, ~3,027 Acres

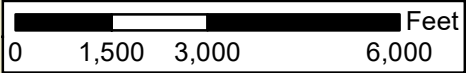
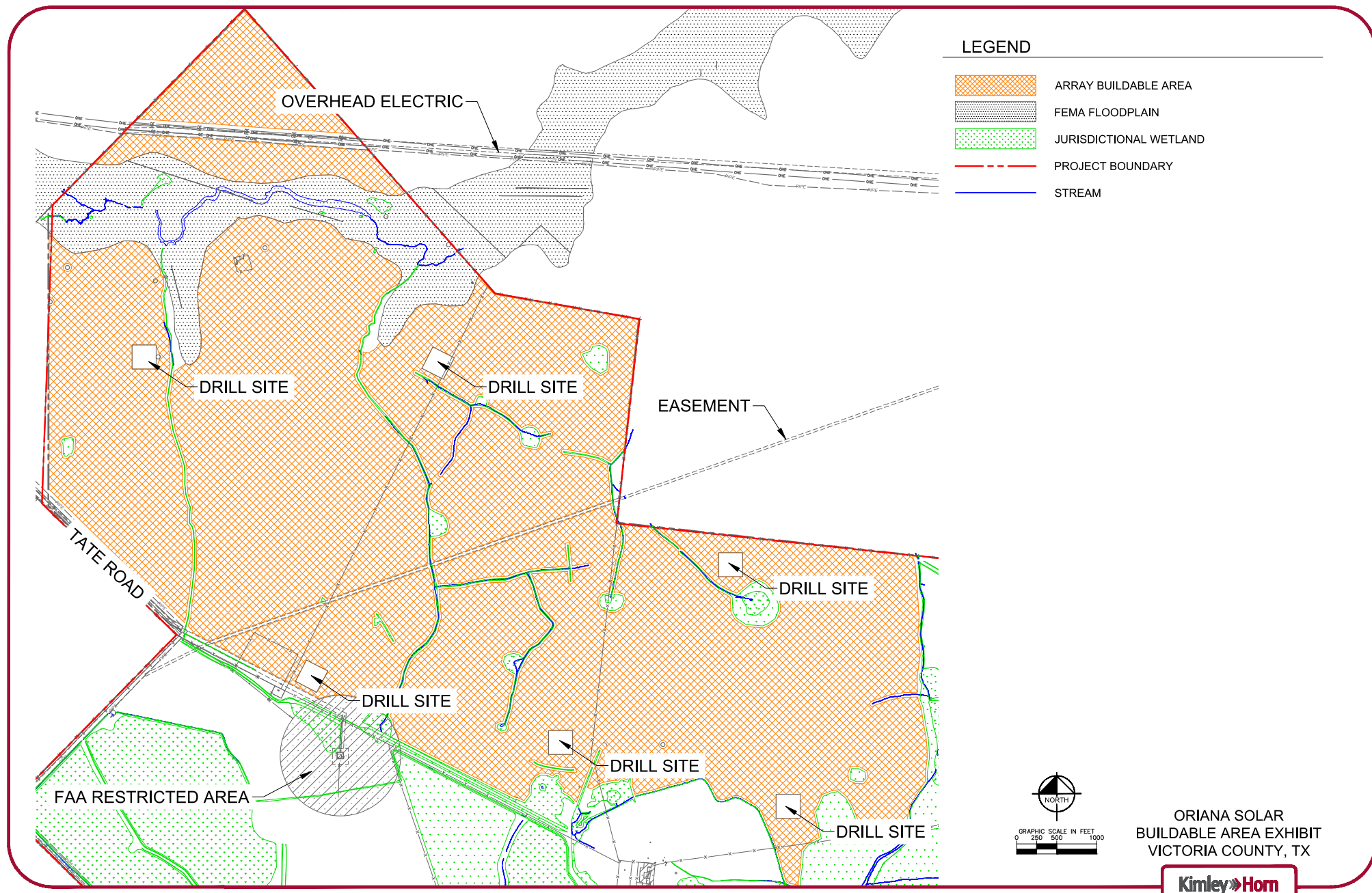
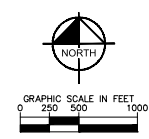


FIGURE 1	DATE: 08/12/2021	VICINITY MAP Source: ESRI Basemap	ORIANA SOLAR Victoria County, Texas		Kimley»Horn This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.
	DRAWN: MREA				
	CHECKED: CGH				
	KHA NO.: 068913002				



LEGEND

- ARRAY BUILDABLE AREA
- FEMA FLOODPLAIN
- JURISDICTIONAL WETLAND
- PROJECT BOUNDARY
- STREAM



ORIANA SOLAR
 BUILDABLE AREA EXHIBIT
 VICTORIA COUNTY, TX





SURVEY NOTES:

- BEARINGS SHOWN HEREON ARE BASED ON NAD83 (2011), TEXAS STATE PLANE, "SOUTH CENTRAL ZONE", COORDINATE SYSTEM AND ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES IN US SURVEY FEET WITH A COMBINED SCALE FACTOR OF GRID: 0.9999454294, SURFACE: 1.00005457357811.
- THIS SURVEY WAS PREPARED USING THE PROFORMA OWNER'S POLICY OF INSURANCE, FILE NUMBER NCS-FA552-NRG, DATED MARCH 26, 2024, (THE "PROFORMA"), ISSUED BY FIRST AMERICAN TITLE INSURANCE COMPANY (THE "TITLE COMPANY"), AND ASSOCIATED VESTING DEEDS, EASEMENTS, RIGHTS OF WAY AND OTHER TITLE EXCEPTION DOCUMENTS REFERENCED THEREIN. ALL EASEMENTS, RIGHTS OF WAY AND OTHER ENCUMBRANCES AFFECTING THE PROPERTY, AS REFERENCED IN THE PROFORMA, HAVE BEEN CORRECTLY PLOTTED HEREON OR INDICATED AS BEING "NOT PLOTTABLE" OR "BLANKET IN NATURE" AND, EXCEPT AS SHOWN, THERE ARE NO VISIBLE OR RECORDED EASEMENTS OR RIGHTS OF WAY ACROSS THE PROPERTY, NOR ARE THERE OTHER EASEMENTS OR RIGHTS OF WAY OF WHICH THE UNDERSIGNED HAS BEEN ADVISED. ALL ABSTRACT WORK WAS PERFORMED BY FIRST AMERICAN TITLE INSURANCE COMPANY AND WAS PROVIDED TO SURVEYING AND MAPPING, LLC (SAM).
- PIPELINE MARKERS LOCATED DURING THE TIME OF THE SURVEY ARE SHOWN HEREON. PIPELINES SHOWN HEREON ARE BASED ON INFORMATION SHOWN BY THE RAILROAD COMMISSION, FOUND VISIBLE EVIDENCE OR RECORD EASEMENT INFORMATION PROVIDED BY TBD. THE PRESENCE, LOCATION AND DEPTH OF PIPELINES SHOULD BE FIELD VERIFIED BEFORE CONSTRUCTION.
- BASED ON INFORMATION PROVIDED TO THE SURVEYOR BY PROJECT COMPANY, THERE ARE "WETLAND" WITHIN THE PROJECT AREA, BASED ON THE "AQUATIC RESOURCES DELINEATION REPORT" DATED MARCH 11, 2022 PREPARED BY KIMLEY HORN.
- THE SUBJECT PROPERTY HAS ACCESS TO PUBLIC AND COUNTY ROADS: TATE ROAD, SALEM ROAD AND U.S. HIGHWAY 77.
- THE WELL LOCATIONS SHOWN HEREON WERE PROVIDED BY THE CLIENT. SURVEYING AND MAPPING, LLC (SAM) ASSUMES NO LIABILITY TO THE ACTUAL LOCATION OF ANY DRILLED AND/OR PERMITTED WELL LOCATIONS.
- EXCEPT AS OTHERWISE NOTED AND/OR SHOWN ON THE SURVEY, THE PROJECT SITE IS INTERNALLY CONTIGUOUS WITHOUT BREAK, GAP, OR INTERRUPTION, EXCEPT AS OTHERWISE NOTED AND/OR SHOWN ON THE SURVEY, FOR LEASED OR OPTIONED PARCELS, ADJACENT TO HIGHWAYS AND COUNTY ROADS.
- THE PROJECT SITE DEPICTED AND DESCRIBED HEREIN IS COMPRISED OF THE SAME PROPERTY OR LAND DESCRIBED IN SCHEDULE A, OF THE PROFORMA OWNER'S POLICY, FILE NO. NCS-FA552-NRG FOR TITLE INSURANCE, DATED MARCH 06, 2024 PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY.
- BASED ON INFORMATION PROVIDED TO THE SURVEYOR BY THE PROJECT COMPANY, CAD FILE NO. 26511-000-C2-0000-00002, THIS SURVEY SHOWS, AS AN OVERLAY, THE LOCATION OF THE PROPOSED ABOVE GROUND AND UNDERGROUND SOLAR FACILITY IMPROVEMENT OF THE PROJECT (COLLECTIVELY, THE "SOLAR FACILITIES"), WHICH SOLAR FACILITIES INCLUDE THE FOLLOWING PROPOSED FACILITIES:
 - A. SOLAR PHOTOVOLTAIC GENERATING FACILITIES (THE "ARRAYS").
 - B. THE COMMUNICATION LINES, COLLECTION LINES AND TRANSMISSION LINES.
 - C. THE ACCESS ROADS AND PATHS.
 - D. THE SUBSTATION, THE INTERCONNECT SWITCHING STATION, AND THE OPERATION AND MAINTENANCE BUILDING.
 - E. THE MAINTENANCE YARD, LAY DOWN AREAS, AND ANY OTHER IMPROVEMENTS OF THE PROJECT.

ALTA/NSPS (2021) NOTES (OPTIONAL TABLE "A" ITEMS)

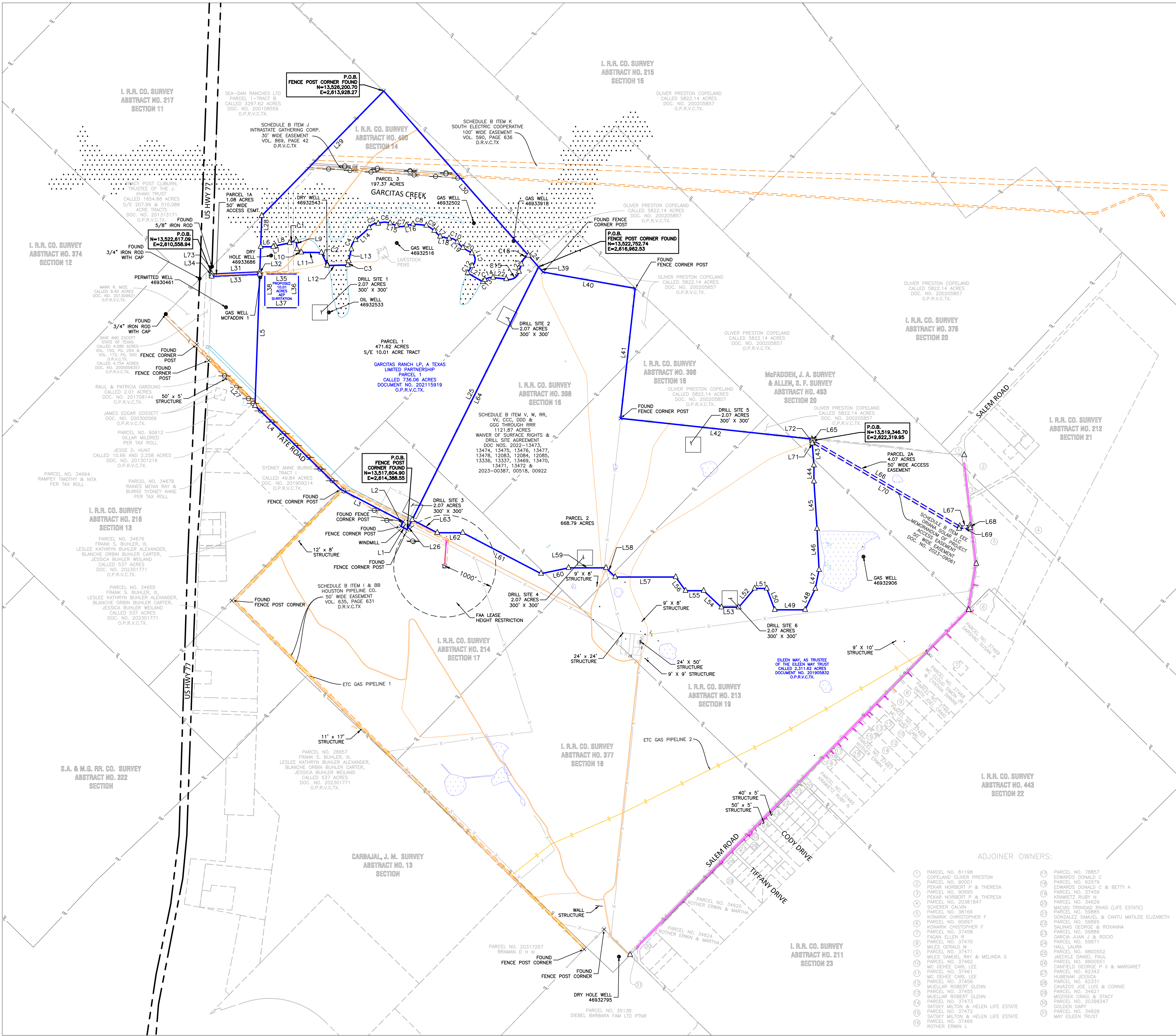
- SUFFICIENT SURVEY MONUMENTS AS SHOWN ON THIS SURVEY WERE FOUND TO ESTABLISH SECTION, TRACT AND PROJECT BOUNDARIES. ADDITIONAL MONUMENTS WERE SET AND ARE SHOWN HEREON.
- VICINITY MAP SHOWN HEREON.
- ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANELS NO. 4806370150B, DATED SEPTEMBER 18, 1987, AND 4806370125D, DATED NOVEMBER 20, 1998, VICTORIA COUNTY, TEXAS, THE PROPERTY DESCRIBED HEREON LIES IN FLOOD ZONE "X" EXCEPT WHERE SHOWN AS FLOOD ZONE "A" WHICH IS WITHIN THE 100 YEAR FLOOD PLAIN.
- THE APPROXIMATE TOTAL LAND AREA OF THIS SURVEY IS 1,332.92 ACRES +/-.
- VERTICAL RELIEF IS SHOWN IN CONTOUR FILE DELIVERED SEPARATELY AND NOT PART OF THIS SURVEY.
- THERE ARE NO APPLICABLE GOVERNMENTAL SETBACK REQUIREMENT ACCORDING TO INFORMATION SUPPLIED BY THE DEVELOPER (THE "PROJECT COMPANY") AND PER LETTER FROM VICTORIA COUNTY JUDGE BEN ZELLER DATED JUNE 20, 2023.
- THERE ARE NO ZONING SETBACK REQUIREMENTS ACCORDING TO THE INFORMATION SUPPLIED BY PROJECT COMPANY AND PER LETTER FROM VICTORIA COUNTY JUDGE BEN ZELLER DATED JUNE 20, 2023.
- EXTERIOR DIMENSIONS OF EXISTING BUILDINGS ARE NOT SHOWN. EXISTING FARM/RANCH HOUSES, FARM/RANCH BUILDINGS, STORAGE BUILDINGS, LIVESTOCK PENS, AND SIMILAR IMPROVEMENTS HAVE NOT BEEN SPECIFICALLY LOCATED. ONLY AN OUTSIDE PERIMETER SURROUNDING THESE SITES HAS BEEN LOCATED AND IS SHOWN HEREON.
- VISIBLE ABOVE-GROUND IMPROVEMENTS ARE SHOWN WITHIN THE PROJECT AREA BASED ON FIELD SURVEY INFORMATION.
- NO SPECIFIC UTILITY COMPANIES SERVING THE SITE ARE SHOWN HEREON. THE GAS, ELECTRIC, AND COMMUNICATION SERVICE LINES WERE THE ONLY VISIBLE UTILITIES OBSERVED ON THE SITE AND ARE SHOWN HEREON. PETROLEUM AND NATURAL GAS PIPELINES HAVE ALSO BEEN SHOWN HEREON. OBSERVED EVIDENCE WERE UTILIZED TO LOCATE EXISTING PIPELINES SHOWN HEREON. THE SURVEYOR DOES NOT HAVE KNOWLEDGE AS TO THE AVAILABILITY OF SERVICES TO, OR STATUS OF, THE UTILITIES OF THIS SITE.
- NAMES OF ADJOINING OWNERS OF ALL ADJOINING LANDS ARE SHOWN SHOWN HEREON.
- DISTANCE TO THE NEAREST INTERSECTING HIGHWAYS AND COUNTY ROADS ARE SHOWN HEREON.
- RECTIFIED ORTHOPHOTOGRAPHY, PHOTOGRAMMETRIC MAPPING AND LIDAR WERE USED AS THE BASIS FOR THE LOCATION OF A PORTION OF THE SURFACE IMPROVEMENTS SHOWN ON THE SURVEY AND WERE PROVIDED BY SAM, LLC. AERIAL PHOTOGRAPHY FLOWN 11/02/21.
- THERE WAS NO OBSERVED EVIDENCE OF CURRENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS DURING SURVEY.
- NO INFORMATION REGARDING PROPOSED CHANGES TO RIGHT OF WAY LINES WAS MADE AVAILABLE TO THE SURVEYOR, AND THERE WAS NO OBSERVED EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS DURING SURVEY.
- THERE ARE NO OFF-SITE EASEMENTS BENEFITING THE PROJECT SITE PER INFORMATION PROVIDED BY THE DEVELOPER.
- PROFESSIONAL LIABILITY INSURANCE POLICY OBTAINED BY SURVEYING AND MAPPING, LLC (SAM) IS IN EFFECT THROUGH OUR CONTRACT TERM. CERTIFICATE OF INSURANCE TO BE FURNISHED UPON REQUEST.

SURVEYOR'S CERTIFICATION:

- ORIANA SOLAR LLC
- FIRST AMERICAN TITLE INSURANCE COMPANY
- BANK OF NEW YORK MELLON, as Collateral Agent for the Secured Parties
- MUFG BANK, LTD., and each of their successors and assigns as their interests may appear

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6(A), 6(B), 7(A), 8, 11, 13, 14, 15, 16, 17, 18, AND 19 OF TABLE A THEREOF. THE FIELD WORK WAS PERFORMED IN SEPTEMBER 2023.

Christopher R. Garza
CHRISTOPHER R. GARZA
TEXAS REGISTERED PROFESSIONAL
LAND SURVEYOR NO. 6554
TEXAS FIRM REGISTRATION 10064300



LEGEND

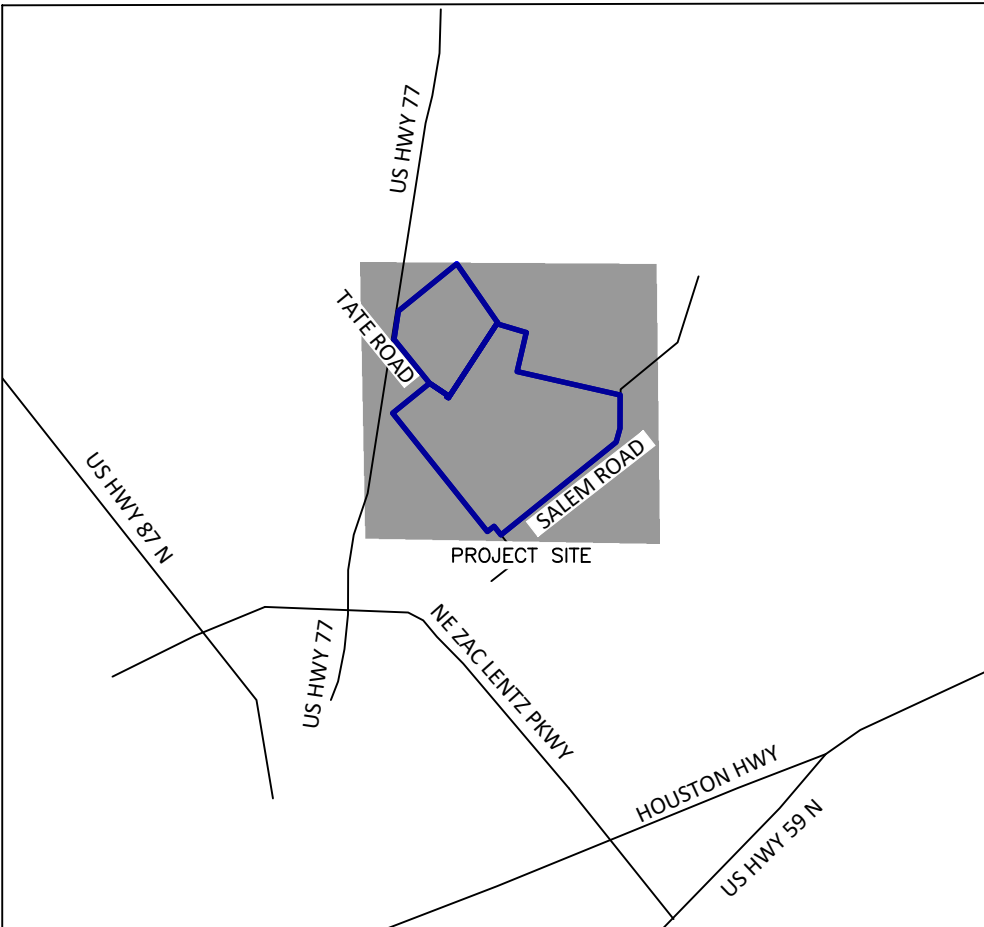
- FEMA FLOOD ZONE "A" (UNSHADED AREAS ZONE "X")
- ADJOINER LINE
- LEASE AREA
- ROW ROAD
- EXISTING FENCE
- DIRT ROAD
- BOUNDARY LINE
- APPROXIMATE SURVEY LINE
- EXISTING EASEMENT LINE
- EXISTING PIPELINE
- OVERHEAD ELECTRIC LINE
- MAJOR CONTOURS
- PROPOSED ACCESS CORRIDOR
- WAIVED SURFACE AREA LINE
- SILT FENCE
- SITE ROADS
- CALCULATED POINT
- FENCE POST
- IRON ROD SET
- IRON ROD FOUND
- IRON PIPE FOUND
- UTILITY POLE
- OIL/GAS WELL
- PANELS
- INVERTER
- NON-JURISDICTIONAL EMERGENT WETLAND
- JURISDICTIONAL EMERGENT WETLAND
- POND/STANDING WATER
- MARSHLAND
- VEGETATION
- DEED RECORDS, VICTORIA COUNTY, TEXAS

D.R.V.C.T.

- ADJOINER OWNERS:
- PARCEL NO. 81198 COPELAND OLIVER PRESTON
 - PARCEL NO. 92079 PEKAR NORBERT P & THERESA
 - PARCEL NO. 91609 PEKAR NORBERT P & THERESA
 - PARCEL NO. 20381847 SCHERER CALVIN
 - PARCEL NO. 38168 KONARK CHRISTOPHER F
 - PARCEL NO. 90697 KONARK CHRISTOPHER F
 - PARCEL NO. 37458 FAGAN ELLEN R
 - PARCEL NO. 37470 MILES CERALD W
 - PARCEL NO. 37471 MILES SAMUEL RAY & MELINDA G
 - PARCEL NO. 37462 MC GEEHE CARL LEE
 - PARCEL NO. 37461 MC GEEHE CARL LEE
 - PARCEL NO. 37456 MUELLER ROBERT GLENN
 - PARCEL NO. 37455 MUELLER ROBERT GLENN
 - PARCEL NO. 37473 SATSKY MILTON & HELEN LIFE ESTATE
 - PARCEL NO. 37472 SATSKY MILTON & HELEN LIFE ESTATE
 - PARCEL NO. 37468 ROTHER ERWIN L
 - PARCEL NO. 79857 EDWARDS DONALD C
 - PARCEL NO. 92079 EDWARDS DONALD C & BETTY A
 - PARCEL NO. 34628 MACIAS TRINIDAD RIVAS (LIFE ESTATE)
 - PARCEL NO. 59885 GONZALEZ SAMUEL & CANTU MATILDE ELIZABETH
 - PARCEL NO. 59899 KONARK CHRISTOPHER F
 - PARCEL NO. 59888 SALINAS GEORGE & ROSANNA
 - PARCEL NO. 59871 GARCIA JUAN J & ROJO
 - PARCEL NO. 980552 JACQUEL DANIEL PAUL
 - PARCEL NO. 980551 CAMPBELL GEORGE II & MARGARET
 - PARCEL NO. 62343 HUBERMAN JESSICA
 - PARCEL NO. 62331 DANZON JOE LUIS & CORNIE
 - PARCEL NO. 34621 MODDER CAROL & STACY
 - PARCEL NO. 20388347 GOLDER GARY
 - PARCEL NO. 34828 MAY EILEEN TRUST

PATH: \\SAMINC\US PROJECTS\1021066053\100\SURVEY\06\PLATS\66053 - ADVANCED POWER - ORIANA SOLAR - ALTA-BASE.DWG

ORIANA SOLAR PROJECT

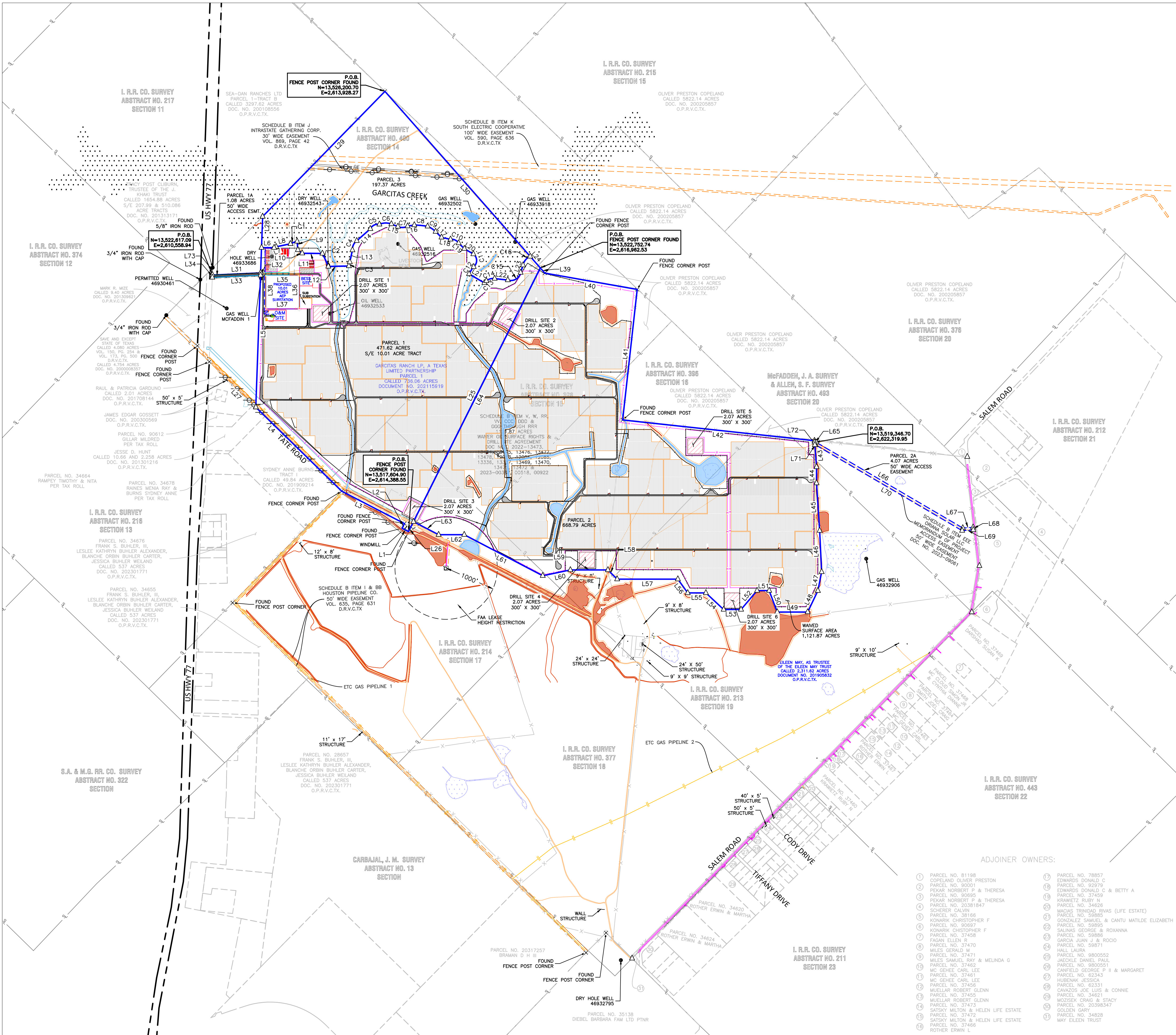


VICINITY MAP
NOT TO SCALE

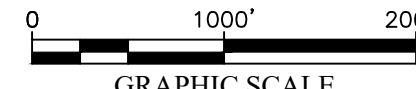
LINE TABLE		
NUMBER	DIRECTION	LENGTH
L1	N25°13'45"E	140.83
L2	N17°1'57"E	101.16
L3	N62°48'48"E	1381.00
L4	S45°39'04"W	234.22
L5	N02°02'41"E	318.71
L6	S89°03'32"E	216.78
L7	S86°50'04"W	43.25
L8	S78°05'50"E	28.14
L9	S04°45'45"E	170.32
L10	S51°55'26"E	107.34
L11	S89°1'58"E	394.66
L12	N83°26'11"E	402.36
L13	N12°36'59"E	338.24
L14	N43°1'08"E	25.91
L15	S84°37'50"E	135.97
L16	N80°43'50"E	131.43
L17	S49°31'34"E	161.63
L18	S77°30'33"E	180.85
L19	S45°40'10"E	156.22
L20	S59°05'45"E	204.99
L21	S89°1'05"E	246.57
L22	S83°44'51"E	357.89
L23	N16°26'43"E	191.93
L24	S41°20'05"E	259.47
L25	S26°30'31"E	565.58
L26	S27°22'10"E	1012.98
L27	S45°39'04"W	629.19
L28	N02°06'06"E	168.00
L29	N44°20'27"E	421.52
L30	N14°20'27"E	421.52
L31	N87°26'45"E	90.29
L32	N02°02'41"E	54.25
L33	S87°52'52"W	54.26
L34	N87°00'00"E	660.00
L35	N87°00'00"E	660.00
L36	N87°00'00"E	660.00
L37	N87°00'00"E	660.00
L38	N87°00'00"E	660.00
L39	N41°18'47"E	133.73
L40	S79°25'27"E	183.88

LINE TABLE		
NUMBER	DESCRIPTION	LENGTH
L41	56051228W	256.479
L42	58345958W	378.689
L43	58242035E	314.873
L44	50007000E	514.744
L45	50343547E	900.385
L46	50246176E	837.35
L47	51115477W	474.830
L48	52531394W	361.503
L49	58007000W	595.31
L50	50233947W	493.36
L51	58007000W	238.07
L52	50472448W	486.175
L53	58947207W	338.98
L54	58455067W	454.790
L55	58007000W	375.94
L56	58303827W	110.686
L57	58007000W	138.46
L58	58459247W	253.405
L59	57810435W	150.177
L60	58007000W	511.021
L61	58224010E	500.522
L62	58139232W	502.411
L63	58233010E	500.522
L64	58934022E	564.36
L65	58934022E	564.36
L66	58934022E	564.36
L67	58862021E	332.424
L68	58303399W	217.700
L69	58620211E	500.522
L70	58954022E	531.624
L71	58829529W	130.24
L72	58024037W	101.197
L73	50202244W	149.191

CURVE TABLE					
CURVE NO.	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD LENGTH
007522407	104.04	136.11	N68°30'55"E	136.00	
00824488	2084.48	278.21	S24°22'44"E	278.07	
00342744	101.55	79.25	N12°48'59"E	79.23	
00565022	210.38	208.73	N24°54'55"E	208.73	
05732735	166.98	211.66	N63°39'50"E	197.77	
05243109	213.23	240.03	N88°26'17"E	234.34	
05350747	212.44	197.92	N87°37'32"E	190.90	
00873548	173.39	261.26	S84°23'04"E	261.01	
09222530	180.06	180.09	S56°42'51"E	176.89	
06412427	163.91	183.70	S69°21'04"E	184.23	
110530707	156.56	288.32	S10°20'16"E	248.18	
00904447	117.40	165.76	S32°50'32"E	156.63	
00410298	244.69	55.99	N45°26'22"E	55.98	
04861831	204.09	172.07	N74°18'07"E	167.02	
05979642	193.81	238.03	N59°44'36"E	290.26	
06612738	326.01	238.63	S13°44'04"E	210.85	

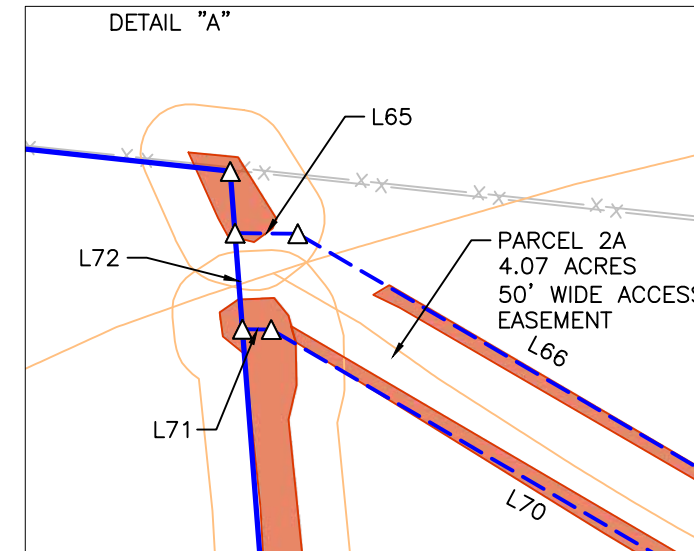


TEXAS STATE PLANE GRID
SOUTH CENTRAL ZONE



LEGEND

- | | |
|------------|--|
| | FEMA FLOOD ZONE "A" |
| | (UNSHADED) AREAS ZONE "X" |
| | ADJOINER LINE |
| | LEASE AREA |
| | ROW ROAD |
| | EXISTING FENCE |
| | PAVED ROAD |
| | DIRT ROAD |
| | BOUNDARY LINE |
| | APPROXIMATE SURVEY LINE |
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| | CALCULATED POINT |
| | FENCE POST |
| | IRON ROD SET |
| | IRON ROD FOUND |
| | IRON PIPE FOUND |
| | UTILITY POLE |
| | OIL/GAS WELL |
| | PANELS |
| | INVERTER |
| | NON-JURISDICTIONAL
EMERGENT WETLAND |
| | JURISDICTIONAL
EMERGENT WETLAND |
| | POND/STANDING WATER |
| | MARSHLAND |
| | VEGETATION |
| D.R.V.C.T. | DEED RECORDS,
COUNTY, TEXAS |



PARCEL NO. 81198	17	PARCEL NO. 78857
OPFORD DAVID PRESTON	18	EDWARDS DONALD C
PARCEL NO. 80905	19	PARCEL NO. 82979
EDGAR ROBERT P & THERESA	20	EDWARDS DONALD B & BETTY A
PARCEL NO. 80905	21	PARCEL NO. 34759
EDGAR ROBERT P & THERESA	22	EDWARDS RUBY B
PARCEL NO. 2038147	23	PARCEL NO. 34762
EDMOND ALVIN	24	HACHS THOMAS RUSSELL (LIFE ESTATE)
PARCEL NO. 38166	25	PARCEL NO. 39885
KONARSKY CHRISTOPHER F	26	GONZALEZ SAMUEL
PARCEL NO. 80697	27	PARCEL NO. 59850
KONARSKY CHRISTOPHER F	28	HALIMAS GEORGE A & ROSANNA
PARCEL NO. 37458	29	PARCEL NO. 59886
FOADAN EILEEN J	30	PARCEL NO. 34758
PARCEL NO. 37470	31	PARCEL NO. 59887
MILES DONALD W	32	HALL LARRY
PARCEL NO. 37471	33	PARCEL NO. 8080552
MILES DONALD W & MELINDA G	34	HANCOCK DANIEL
PARCEL NO. 37462	35	PARCEL NO. 8080051
MILES DONALD W & MELINDA G	36	HANCOCK GEORGE P JR & MARGARET
PARCEL NO. 37461	37	PARCEL NO. 82333
MILES DONALD W & MELINDA G	38	HANCOCK JESSICA
PARCEL NO. 37467	39	PARCEL NO. 62241
MILES DONALD W & MELINDA G	40	HAUSTOYS JOE L JR & CONNIE
PARCEL NO. 37455	41	PARCEL NO. 34621
MILKIN ROBERT GLENN	42	HAYES CRAIG A & KATHA
PARCEL NO. 37473	43	PARCEL NO. 2038584
MILTON & HELEN LIFE ESTATE	44	GOLDEN CARY
PARCEL NO. 37472	45	PARCEL NO. 34628
SATSKY MILTON & HELEN LIFE ESTATE	46	PARCEL NO. 34628
PARCEL NO. 37466	47	PARCEL NO. 34628

**ALTA/NSPS (2021) LAND TITLE SURVEY
ORIANA SOLAR PROJECT
SITUATED IN VICTORIA COUNTY, TEXAS**

PROJECT: ORIANA SOLAR LLC
ORIANA SOLAR PROJECT

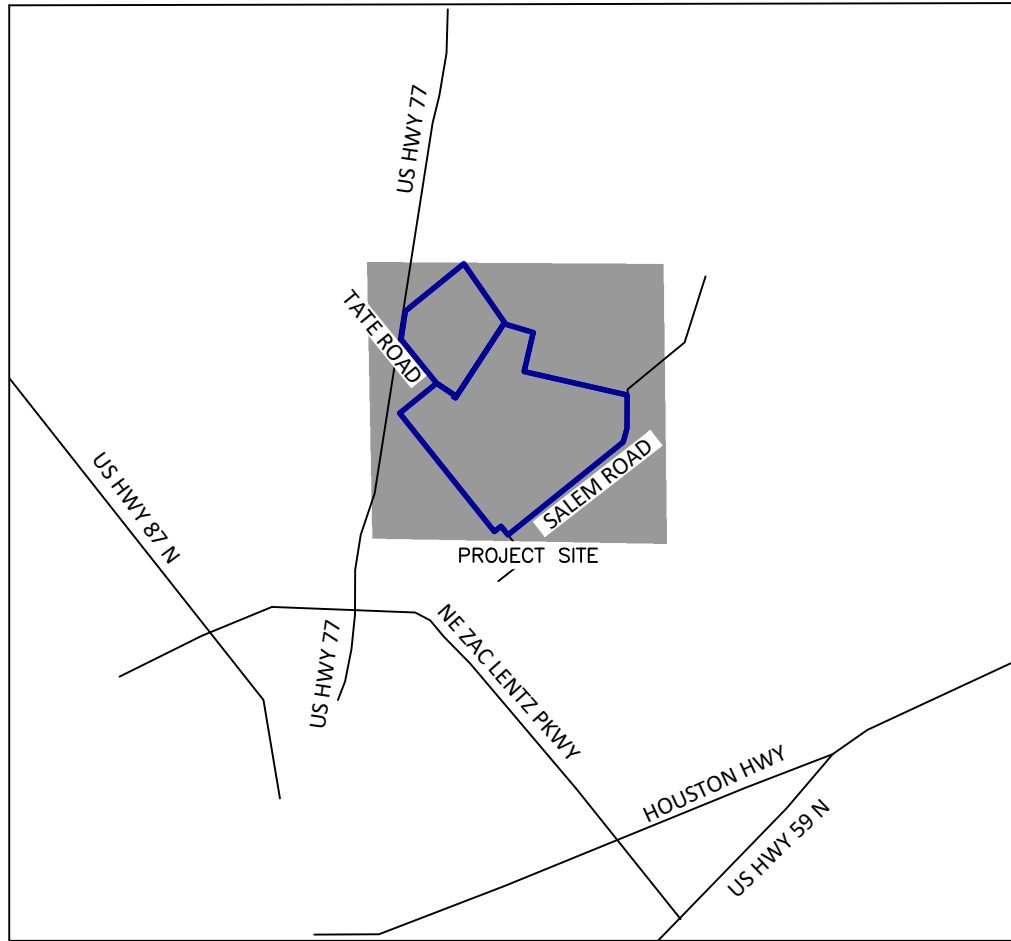
SHEET 2 OF 5

JOB NUMBER:	66053
DATE:	MARCH 2024
SCALE:	1"=1000'
SURVEYOR:	C. GARZA
TECHNICIAN:	A. ADAMS
DRAWING:	ORIANA SOLAR
TRACT ID:	ORIANA SOLAR PROJECT
PARTY CHIEF:	M. NIEMIETZ
FIFTEEN DROPS:	42566



4801 SOUTHWEST PARKWAY
BUILDING TWO, SUITE 100
AUSTIN, TEXAS 78735
(512) 447-0575
FAX: (512) 326-3029
EMAIL: INFO@SAM.BIZ
TEXAS FIRM REGISTRATION
NO. 10064300
WWW.SAM.BIZ

ORIANA SOLAR PROJECT

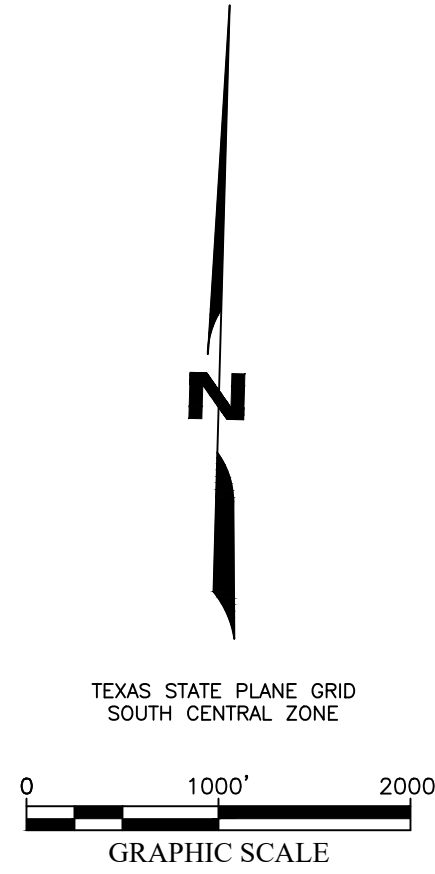
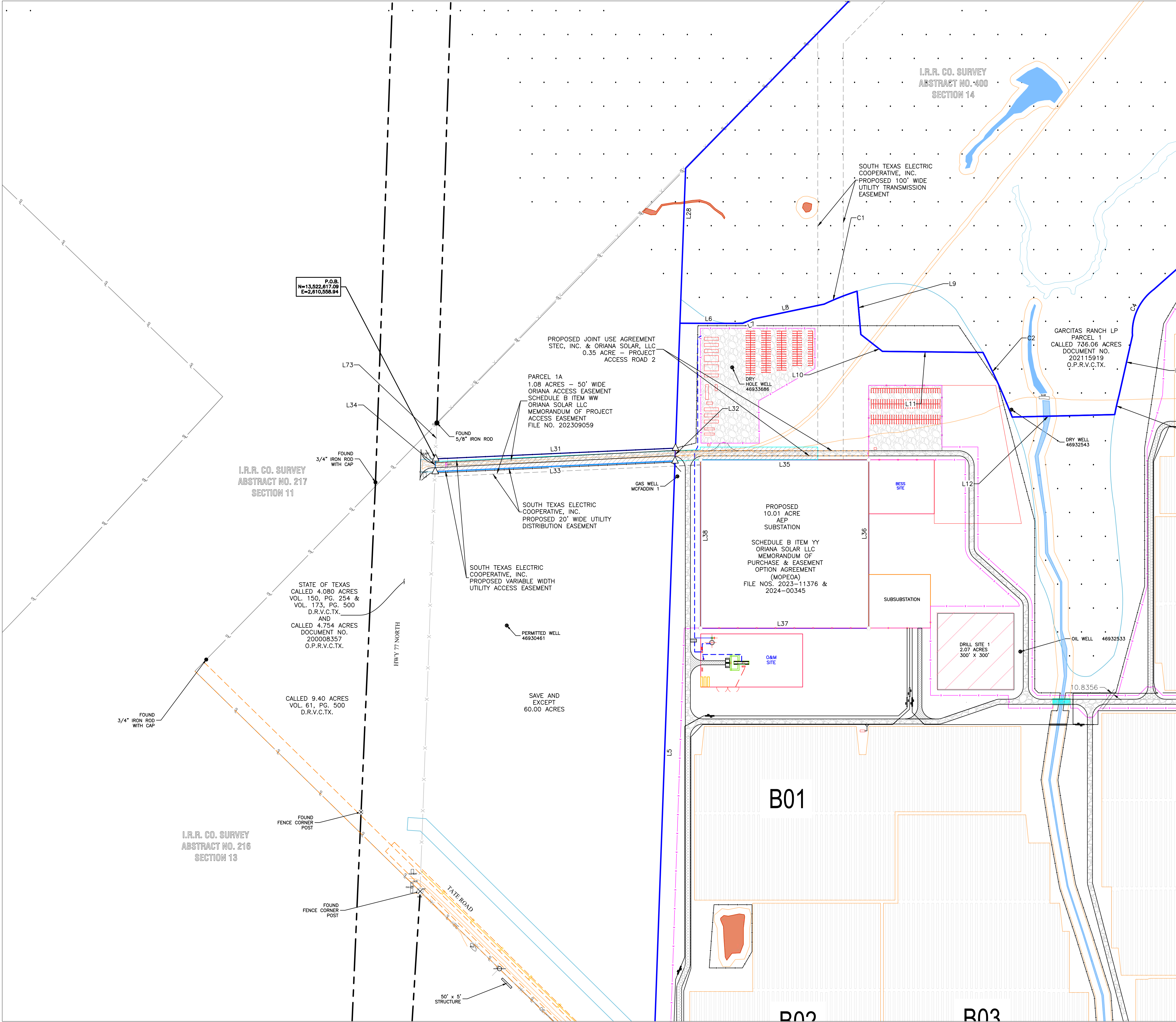


VICINITY MAP
NOT TO SCALE

LINE TABLE		
NUMBER	DIRECTION	LENGTH
L1	N62°51'43"W	140.83'
L2	N27°11'58"E	101.16'
L3	N62°38'48"W	1381.00'
L4	N45°39'04"W	2344.22'
L5	N02°02'41"E	3118.71'
L6	S89°50'33"E	246.00'
L7	S66°53'04"W	43.15'
L8	N78°09'50"E	287.24'
L9	S04°56'45"E	170.32'
L10	S31°58'26"E	107.54'
L11	S89°21'58"E	394.69'
L12	N88°18'21"E	402.36'
L13	N12°36'59"E	236.24'
L14	N48°31'08"E	353.91'
L15	S68°47'50"E	135.97'
L16	N80°43'05"E	131.43'
L17	S45°31'34"E	161.15'
L18	S77°38'03"E	180.83'
L19	S45°40'10"E	156.22'
L20	S59°00'45"E	204.99'
L21	S59°41'05"E	346.57'
L22	S83°39'46"E	257.89'
L23	N18°26'43"E	151.97'
L24	S41°20'54"E	299.43'
L25	S26°33'01"W	5653.58'
L26	S27°25'10"W	101.92'
L27	N45°39'04"W	1269.99'
L28	N02°06'08"E	607.10'
L29	N44°20'27"E	3417.81'
L30	S41°20'54"E	4293.52'
L31	N87°26'54"E	942.29'
L32	S02°02'41"W	50.15'
L33	S87°26'52"W	942.29'
L34	N02°02'41"E	50.16'
L35	N90°00'00"E	660.00'
L36	S00°00'00"E	660.70'
L37	N90°00'00"W	660.00'
L38	N00°00'00"E	660.70'
L39	S41°18'47"E	133.73'
L40	S79°57'25"E	1831.88'

LINE TABLE		
NUMBER	DIRECTION	LENGTH
L41	S06°21'28"W	2564.79'
L42	S83°49'58"E	3788.69'
L43	S04°25'03"E	514.74'
L44	S02°00'00"E	314.83'
L45	S03°45'37"E	930.35'
L46	S02°46'16"E	807.48'
L47	S11°15'47"W	374.80'
L48	S25°33'19"W	461.53'
L49	N90°00'00"W	595.31'
L50	N20°33'04"W	447.36'
L51	N80°00'00"W	236.07'
L52	S40°20'48"W	484.15'
L53	S89°49'20"W	338.88'
L54	N45°55'06"W	475.90'
L55	N90°00'00"W	354.74'
L56	N35°38'27"W	330.48'
L57	N90°00'00"W	1185.68'
L58	N45°00'00"W	254.40'
L59	S89°59'24"W	733.95'
L60	S78°10'43"W	551.17'
L61	N62°24'00"W	1730.27'
L62	N90°00'00"W	500.11'
L63	N62°39'22"W	552.42'
L64	N26°33'01"E	5540.38'
L65	S89°25'29"E	32.66'
L66	S59°40'42"E	3314.24'
L67	N86°20'21"E	202.46'
L68	S03°39'39"E	50.00'
L69	S86°20'21"W	217.74'
L70	N59°40'42"W	3316.24'
L71	N59°25'29"W	15.02'
L72	N04°25'03"W	50.19'
L73	S02°02'41"W	141.10'

CURVE TABLE					
CURVE NO.	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD LENGTH
C1	00°52'40"	1004.47'	138.11'	N68°30'55"E	138.00'
C2	006°24'58"	2484.48'	278.21'	S24°22'44"E	278.07'
C3	004°27'44"	1017.55'	79.25'	N12°48'59"E	79.23'
C4	056°50'52"	210.38'	208.73'	N24°54'55"E	200.27'
C5	072°37'35"	166.98'	211.66'	N63°39'50"E	197.77'
C6	043°21'09"	317.23'	240.03'	N86°26'17"E	234.34'
C7	053°07'47"	213.44'	197.92'	N87°37'32"E	190.90'
C8	008°35'28"	1742.39'	261.26'	S84°23'40"E	261.01'
C9	022°25'30"	480.57'	188.09'	S56°42'51"E	186.89'
C10	064°12'47"	163.91'	183.70'	S65°21'04"E	174.23'
C11	105°39'07"	156.36'	288.32'	S01°20'18"E	249.18'
C12	008°04'49"	1175.40'	165.76'	S32°50'32"W	165.63'
C13	004°18'29"	744.69'	55.99'	N45°26'22"E	55.98'
C14	048°18'31"	204.09'	172.07'	N74°18'07"E	167.02'
C15	096°58'42"	193.81'	328.03'	N59°44'36"E	290.26'
C16	059°17'38"	236.91'	228.63'	N39°00'42"E	219.86'



- LEGEND
- FEMA FLOOD ZONE "A" (UNSHADED AREAS ZONE "X")
 - ADJOINER LINE
 - LEASE AREA
 - ROW ROAD
 - EXISTING FENCE
 - PAVED ROAD
 - DIRT ROAD
 - BOUNDARY LINE
 - APPROXIMATE SURVEY LINE
 - EXISTING EASEMENT LINE
 - EXISTING PIPELINE
 - OVERHEAD ELECTRIC LINE
 - MAJOR CONTOURS
 - PROPOSED ACCESS CORRIDOR
 - WAIVED SURFACE AREA LINE
 - SITE FENCE
 - SILT FENCE
 - SITE ROADS
 - △ CALCULATED POINT
 - × FENCE POST
 - IRON ROD SET
 - IRON ROD FOUND
 - IRON PIPE FOUND
 - UTILITY POLE
 - OIL/GAS WELL
 - PANELS
 - INVERTER
 - NON-JURISDICTIONAL EMERGENT WETLAND
 - JURISDICTIONAL EMERGENT WETLAND
 - POND/STANDING WATER
 - MARSHLAND
 - VEGETATION
 - DEED RECORDS, VICTORIA COUNTY, TEXAS

PATH: \\SAMINC\US\PROJECTS\1021066053\100\SURVEY\06\PLATS\66053 - ADVANCED POWER - ORIANA SOLAR - ALTA-BASE.DWG

REVISIONS			
NO.	REVISIONS	BY	DATE
5	FINAL	KC	03/26/24
4	UPDATE PROFORMA-ADDRESS COMMENTS	KC	03/26/24
3	UPDATE PROFORMA-ADDRESS COMMENTS	KC	03/21/24
2	UPDATE PROFORMA-ADDRESS COMMENTS	KC	03/08/24
1	UPDATE PROFORMA-STEC ADDITIONS	KC	02/21/24
JOB NUMBER: 66053			
DATE: MARCH 2024			
SCALE: 1"=1000'			
SURVEYOR: C. GARZA			
TECHNICIAN: A. ADAMS			
DRAWING: ORIANA SOLAR			
TRACT ID: ORIANA SOLAR PROJECT			
PARTYCHIEF: M. NIEMIETZ			
FIELDBOOKS: 42566			



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ALTA/NSPS (2021) LAND TITLE SURVEY
ORIANA SOLAR PROJECT
SITUATED IN VICTORIA COUNTY, TEXAS

PROJECT: ORIANA SOLAR LLC
ORIANA SOLAR PROJECT

PATH: \\SAMCIN\GIS\PROJECTS\102106053\100\SURVEY\06\PLATS\66053 - ADVANCED POWER - ORIANA SOLAR - ALTA-BASE.DWG

COMMITMENT FOR TITLE INSURANCE

SCHEDULE A

FILE NO. NCS-FA552-NRG

DATE OF POLICY: DATE AND AT TIME OF RECORDING

ADDRESS FOR REFERENCE ONLY:

AMOUNT OF INSURANCE: \$TBD

PREMIUM: \$

1.Name of Insured:

Oriana Solar LLC, a Delaware limited liability company

2.The estate or interest in the Land that is insured by this policy is:

Leasehold Estate, created by that unrecorded Amended and Restated Solar Energy Lease and Easement Agreement dated September 30, 2023, to be effective as of May 27, 2021, by and between Garcitas Ranch LP, a Texas limited partnership, as Owner, and Oriana Solar LLC, a Delaware limited liability company, as Grantee, as evidenced by that certain Amended and Restated Memorandum of Solar Energy Lease and Easement Agreement dated September 30, 2023, to be effective as of May 27, 2021, by and between Garcitas Ranch LP, a Texas limited partnership, and Oriana Solar LLC, a Delaware limited liability company recorded October 2, 2023 under Clerk's File No. 202309144 of the Official Records of Victoria County, Texas (the "Official Records"), as to Parcel 1.

Leasehold Estate, created by that unrecorded Amended and Restated Solar Energy Lease and Easement Agreement dated September 26, 2023, to be effective as of April 19, 2021, by and between Eileen May Trust and Eileen L. May Trust, as Owner, and Oriana Solar LLC, a Delaware limited liability company, as Grantee, as evidenced by that certain Amended and Restated Memorandum of Solar Energy Lease and Easement Agreement dated September 26, 2023, to be effective as of April 19, 2021, by and between Eileen May Trust and Eileen L. May Trust, and Oriana Solar LLC, a Delaware limited liability company, recorded September 28, 2023, under Clerk's File No. 202309060 of the Official Records, as to Parcel 2.

Easement Estate, created by that certain Amended and Restated Project Access Easement, dated effective as of September 30, 2023, by and between Garcitas Ranch LP, a Texas limited liability company, as Grantor, and Oriana Solar LLC, a Delaware limited liability company, as Grantee, as evidenced by that certain Amended and Restated Memorandum of Project Access Easement dated September 30, 2023, by and between Garcitas Ranch LP, a Texas limited partnership, and Oriana Solar LLC, a Delaware limited liability company, recorded October 2, 2023, under Clerk's File No. 202309143 of the Official Records, as to Parcel 1A.

Easement Estate, created by that certain Project Access Easement, by and between Eileen May Trust and Eileen L. May Trust, as Grantor, and Oriana Solar LLC, a Delaware limited liability company, as Grantee, as evidenced by that certain Memorandum of Project Access Easement, dated September 28, 2023, by and between Eileen May Trust and Eileen L. May Trust, as Grantor, and Oriana Solar LLC, a Delaware limited liability company, as Grantee, recorded September 28, 2023, under Clerk's File No. 202309061 in the Official Records, as to Parcel 2A.

Leasehold Estate, created by that unrecorded Solar Energy Lease and Easement Agreement, dated September 30, 2023, by and between Garcitas Ranch LP, a Texas limited partnership, as Owner, and Oriana Solar LLC, a Delaware limited liability company, as Grantee, as evidenced by that certain Memorandum of Solar Energy Lease and Easement Agreement, dated September 30, 2023, to be effective as of May 27, 2021, by and between Garcitas Ranch LP, a Texas limited partnership, and Oriana Solar LLC, a Delaware limited liability company, recorded October 2, 2023, under Clerk's File No. 202309145 of the Official Records, as to Parcel 3.

3.Title is insured as vested in:

Oriana Solar LLC, a Delaware limited liability company

4.The land referred to in this policy is described as follows:

NOTE: ANY REFERENCE TO THE SURVEY SHEET NUMBER IN SCHEDULE A IS FOR INFORMATIONAL PURPOSES ONLY. THE INCLUSION OF THE VESTING OF THE FEE SIMPLE ESTATE IN THE HEADINGS SHOWN IN SCHEDULE A IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT INTENDED TO BRING THE FEE SIMPLE ESTATE WITHIN THE DEFINITION OF TITLE UNDER THIS POLICY.

PARCEL 1 (FA552TX1) For Information only Fee Owner is: Garcitas Ranch LP

BEING A TRACT OF LAND LOCATED IN SECTION 14, ABSTRACT NO. 400, SECTION 16, ABSTRACT NO. 398, AND SECTION 17, ABSTRACT NO. 214, ALL IN THE I. R.R. CO. SURVEY, VICTORIA COUNTY, TEXAS, AND BEING PART OF A CALLED 733.80 ACRES (PARCEL 1), TO GARCIAS RANCH LP, A TEXAS LIMITED PARTNERSHIP, DESCRIBED IN DOCUMENT NO. 202115919, OFFICIAL PUBLIC RECORDS, VICTORIA COUNTY, TEXAS (O.P.R.V.C.TX.); SAID TRACT BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at a fence corner post found at the most southerly south corner of said Parcel 1, same being a west interior ell corner of a called 2,311.62 acre tract, described in Document No. 201905832, O.P.R.V.C.TX, for the POINT OF BEGINNING of the lease agreement described herein, having grid coordinates of N=13,517,604.90, E=2,614,388.55;

THENCE, with a south line of said Parcel 1, the following four (4) courses and distances:

1) North 62°51'43" West, a distance of 140.83 feet to a fence corner post found at a south exterior ell corner of said Parcel 1, same being a west interior ell corner of said 2,311.62 acre tract,

2) North 27°11'58" East, a distance of 101.16 feet to a fence corner post found at a south interior ell corner of said Parcel 1, same being a west exterior ell corner of said 2,311.62 acre tract,

3) North 62°38'48" West, a distance of 1,381.00 feet to a calculated point on the southwest line of said Parcel 1, same being a north corner of said 2,311.62 acre tract, and

4) North 45°39'04" West, a distance of 2,344.22 feet to a calculated point at the southwest corner of said Parcel 1, from which a fence corner post found in the east margin of US Highway 77 N, bears North 45°39'04" West, a distance of 1,269.99 feet;

THENCE, over and across said Parcel 1, the following thirty-four (34) courses and distances:

1) North 02°02'41" East, a distance of 3,118.71 feet to a calculated point,

2) South 89°50'33" East, a distance of 246.00 feet to a calculated point,

3) North 66°53'04" East, a distance of 43.15 feet to a calculated point,

4) North 78°09'50" East, a distance of 287.24 feet to a calculated point,

5) With a curve to the right, having a central angle of 07°52'40", a length of 138.11 feet, a radius of 1,004.47 feet, and whose chord bears South 68°30'55" East, a distance of 138.00 feet to a calculated point,

6) South 04°56'45" East, a distance of 170.32 feet to a calculated point,

7) South 51°55'28" East, a distance of 107.54 feet to a calculated point,

8) South 89°21'58" East, a distance of 349.69 feet to a calculated point,

9) With a curve to the right, having a central angle of 06°24'58", a length of 278.21 feet, a radius of 2,484.48 feet, and whose chord bears South 24°22'44" East, a distance of 278.07 feet to a calculated point,

10) North 88°38'21" East, a distance of 402.36 feet to a calculated point,

11) With a curve to the right, having a central angle of 04°27'44", a length of 79.25 feet, a radius of 1,017.55 feet, and whose chord bears North 12°45'55" East, a distance of 79.23 feet to a calculated point,

12) North 12°36'59" East, a distance of 238.24 feet to a calculated point,

13) With a curve to the right, having a central angle of 56°50'52", a length of 208.73 feet, a radius of 210.38 feet, and whose chord bears North 24°54'55" East, a distance of 200.27 feet to a calculated point,

14) North 48°31'08" East, a distance of 353.91 feet to a calculated point,

15) With a curve to the right, having a central angle of 72°37'35", a length of 211.66 feet, a radius of 166.98 feet, and whose chord bears North 63°39'50" East, a distance of 197.77 feet to a calculated point,

16) With a curve to the right, having a central angle of 43°21'09", a length of 240.03 feet, a radius of 317.23 feet, and whose chord bears North 88°28'17" East, a distance of 234.34 feet to a calculated point,

17) South 68°47'50" East, a distance of 135.97 feet to a calculated point,

18) With a curve to the left, having a central angle of 53°07'47", a length of 197.92 feet, a radius of 213.44 feet, and whose chord bears North 87°37'32" East, a distance of 190.90 feet to a calculated point,

19) North 80°43'05" East, a distance of 131.43 feet to a calculated point,

20) With a curve to the right, having a central angle of 08°35'28", a length of 261.26 feet, a radius of 1,742.39 feet, and whose chord bears South 84°23'40" East, a distance of 261.01 feet to a calculated point,

21) With a curve to the right, having a central angle of 22°25'30", a length of 188.09 feet, a radius of 480.57 feet, and whose chord bears South 56°42'51" East, a distance of 186.89 feet to a calculated point,

22) South 45°31'34" East, a distance of 161.15 feet to a calculated point,

23) South 77°38'03" East, a distance of 180.83 feet to a calculated point,

24) With a curve to the right, having a central angle of 64°12'47", a length of 183.70 feet, a radius of 163.91 feet, and whose chord bears South 68°21'04" East, a distance of 174.23 feet to a calculated point,

25) South 45°40'10" East, a distance of 156.22 feet to a calculated point,

26) South 59°00'45" East, a distance of 204.99 feet to a calculated point,

27) With a curve to the right, having a central angle of 105°39'07", a length of 288.32 feet, a radius of 156.36 feet, and whose chord bears South 01°20'16" East, a distance of 249.18 feet to a calculated point,

28) With a curve to the left, having a central angle of 08°04'49", a length of 165.76 feet, a radius of 1,175.40 feet, and whose chord bears South 32°50'32" West, a distance of 165.63 feet to a calculated point,

				JOB NUMBER: 6605	
				DATE: MAR	
				SCALE: 1"=	
5	FINAL	KC	03/26/24	SURVEYOR: C. C	
4	UPDATE PROFORMA-ADDRESS COMMENTS	KC	03/26/24	TECHNICIAN: A. A	
3	UPDATE PROFORMA-ADDRESS COMMENTS	KC	03/21/24	DRAWING: ORIAN	
2	UPDATE PROFORMA-ADDRESS COMMENTS	KC	03/08/24	TRACT ID: ORIAN	
1	UPDATE PROFORMA-STEC ADDITIONS	KC	02/21/24	PARTYCHIEF: M. N	
NO.	REVISIONS	BY	DATE	FIELDBOOKS: 42.5	

PATH: \\SAMINC\US\PROJECTS\102106053\100\SURVEY\06PLATS\66053 - ALTA-BASE.DWG
- ORIANA SOLAR - ADVANCED POWER -

COMMITMENT FOR TITLE INSURANCE

SCHEDULE B
EXCEPTIONS FROM COVERAGE

K. EASEMENT AND/OR RIGHT OF WAY TO SOUTH TEXAS ELECTRIC COOPERATIVE, RECORDED IN VOLUME 590 PAGE 636, OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1 AND PARCEL 3) (APPLIES – PLOTTED AS SHOWN)

L. THIS ITEM HAS BEEN INTENTIONALLY DELETED– DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO STATE OF TEXAS RECORDED IN VOLUME 150, PAGE 254, OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1 AND PARCEL 3) (HIGHWAY RIGHT-OF-WAY DEED, DOES NOT APPLY)

M. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO VICTORIA COUNTY RECORDED IN VOLUME 178, PAGE 267 OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1 AND PARCEL 3) (DOES NOT APPLY)

N. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO TENNESSEE GAS PIPELINE CO., RECORDED IN VOLUME 1072, PAGE 705, OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1 AND PARCEL 3) (DOES NOT APPLY)

O. THIS ITEM HAS BEEN INTENTIONALLY DELETED –DOES NOT AFFECT PER SURVEY.

P. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO SETEX OIL & GAS CO. RECORDED UNDER CLERK’S FILE #200912644 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1 AND PARCEL 3) (DOES NOT APPLY)

Q. THIS ITEM HAS BEEN INTENTIONALLY DELETED.

R. THIS ITEM HAS BEEN INTENTIONALLY DELETED.

S. THIS ITEM HAS BEEN INTENTIONALLY DELETED.

T. THIS ITEM HAS BEEN INTENTIONALLY DELETED.

U. THE TERMS AND CONDITIONS OF THE INSTRUMENTS DESCRIBED IN SCHEDULE A.

V. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 27, 2022, RECORDED UNDER CLERK’S FILE NO. 202213475 OF THE OFFICIAL PUBLIC RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1, PARCEL 1A AND PARCEL 3) (APPLIES – PLOTTED AS SHOWN)

W. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 27, 2022, RECORDED UNDER CLERK’S FILE NO. 202213476 OF THE OFFICIAL PUBLIC RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1, PARCEL 1A AND PARCEL 3) (APPLIES – PLOTTED AS SHOWN)

X. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DUPLICATE OF EXCEPTION 6E ABOVE.

Y. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DUPLICATE OF EXCEPTION 6G ABOVE.

Z. THIS ITEM HAS BEEN INTENTIONALLY DELETED – MOVED TO SCHEDULE A.

AA. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO TRUNKLINE GAS CO., RECORDED IN VOLUME 283, PAGE 225, OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (DOES NOT AFFECT EILEEN MAY LEASE)

BB. EASEMENT AND/OR RIGHT OF WAY TO HOUSTON PIPELINE CO. RECORDED IN VOLUME 635, PAGE 631 OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (APPLIES – PLOTTED AS SHOWN)

CC. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO INTRASTATE GATHERING CORP., RECORDED IN VOLUME 869, PAGE 42, OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (DOES NOT APPLY)

DD. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO SOUTH TEXAS ELECTRIC COOPERATIVE, RECORDED IN VOLUME 590, PAGE 636, OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (DOES NOT APPLY)

EE. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY.

FF. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO TENNESSEE GAS PIPELINE CO., RECORDED IN VOLUME 1072, PAGE 705, OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (DOES NOT APPLY)

GG. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO TRUNKLINE GAS PIPELINE CO., RECORDED IN VOLUME 1072, PAGE 721, OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (DOES NOT AFFECT EILEEN MAY LEASE)

HH. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO DAN A. HUGHES, RECORDED IN VOLUME 032, PAGE 813, OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (DOES NOT AFFECT EILEEN MAY LEASE)

II. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. EASEMENT AND/OR RIGHT OF WAY TO DAN A. HUGHES, RECORDED IN VOLUME 036 PAGE 355, OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (DOES NOT AFFECT EILEEN MAY LEASE)

JJ. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY.

KK. EASEMENT AND/OR RIGHT OF WAY TO TALON DEVELOPMENT CO., RECORDED IN VOLUME 094, PAGE 866, OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (APPLIES – UNPLOTTABLE)

LL. THIS ITEM HAS BEEN INTENTIONALLY DELETED.

MM. THIS ITEM HAS BEEN INTENTIONALLY DELETED.

NN. THIS ITEM HAS BEEN INTENTIONALLY DELETED.

OO. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DUPLICATE OF EXCEPTION 6U ABOVE.

PP. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY.

QQ. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DUPLICATE OF EXCEPTION 6F ABOVE.

RR. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 27, 2022 RECORDED UNDER CLERK’S FILE NO. 202113474 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2) (APPLIES – PLOTTED AS SHOWN)

SS. ANY AND ALL LIENS ARISING BY REASON OF UNPAID BILLS OR CLAIMS FOR WORK PERFORMED OR MATERIALS FURNISHED IN CONNECTION WITH IMPROVEMENTS PLACED, OR TO BE PLACED, UPON THE SUBJECT LAND; HOWEVER, THE COMPANY DOES INSURE THE INSURED AGAINST LOSS, IF ANY, SUSTAINED BY THE INSURED UNDER THIS POLICY IF SUCH LIENS HAVE BEEN FILED WITH THE COUNTY CLERK OF VICTORIA COUNTY, TEXAS, PRIOR TO THE DATE HEREOF.

TT. LIABILITY HEREUNDER AT THE DATE HEREOF IS LIMITED TO \$_____. LIABILITY SHALL INCREASE AS CONTEMPLATED IMPROVEMENTS ARE MADE, SO THAT ANY LOSS PAYABLE HEREUNDER SHALL BE LIMITED TO SAID SUM PLUS THE AMOUNT ACTUALLY EXPENDED BY THE INSURED IN IMPROVEMENTS AT THE TIME THE LOSS OCCURS. ANY EXPENDITURES MADE FOR IMPROVEMENTS, SUBSEQUENT TO THE DATE OF THIS POLICY, WILL BE DEEMED MADE AS OF THE DATE OF THIS POLICY. IN NO EVENT SHALL THE LIABILITY OF THE COMPANY HEREUNDER EXCEED THE FACE AMOUNT OF THIS POLICY. NOTHING CONTAINED IN THIS PARAGRAPH SHALL BE CONSTRUED AS LIMITING ANY EXCEPTION OR ANY PRINTED PROVISION OF THIS POLICY.

UU. EXCEPTION IS HEREBY TAKEN TO TITLE TO ALL OIL, GAS AND MINERALS AND OTHER ELEMENTS NOT CONSTITUTING PART OF THE SURFACE ESTATE, TOGETHER WITH ALL RIGHTS, PRIVILEGES AND IMMUNITIES RELATING THERETO NOT CONVEYED IN INSTRUMENT RECORDED UNDER COUNTY CLERK’S FILE NUMBER 202115919, OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1 AND PARCEL 1A) (APPLIES–BLANKET IN NATURE)

VV. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 27, 2022, RECORDED UNDER CLERK’S FILE NO. 202213477, OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1, PARCEL 1A AND PARCEL 3) (APPLIES – PLOTTED AS SHOWN)

WW. TERMS AND PROVISIONS IN DOCUMENT ENTITLED AMENDED AND RESTATED MEMORANDUM OF PROJECT ACCESS EASEMENT DATED SEPTEMBER 30, 2023, BY AND BETWEEN GARCITAS RANCH LP, AND ORIANA SOLAR LLC, A DELAWARE LIMITED LIABILITY COMPANY, RECORDED OCTOBER 2, 2023 UNDER CLERK’S FILE NO. 202309143, OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1A) (APPLIES – PLOTTED AS SHOWN)

XX. THIS ITEM HAS BEEN INTENTIONALLY DELETED –MOVED TO SCHEDULE A.

YY. MEMORANDUM OF PURCHASE AND EASEMENT OPTION AGREEMENT DATED DECEMBER 18, 2023, BY AND BETWEEN GARCITAS RANCH LP, A TEXAS LIMITED PARTNERSHIP, AND ORIANA SOLAR LLC, A DELAWARE LIMITED LIABILITY COMPANY, RECORDED DECEMBER 21, 2023 UNDER CLERK’S FILE NO. 202311376, AS AMENDED BY THAT CERTAIN AMENDMENT TO PURCHASE AND EASEMENT OPTION AGREEMENT AND MEMORANDUM OF PURCHASE AND EASEMENT OPTION AGREEMENT DATED JANUARY 12, 2024, BY AND BETWEEN GARCITAS RANCH LP, A TEXAS LIMITED PARTNERSHIP, AND ORIANA SOLAR LLC, A DELAWARE LIMITED LIABILITY COMPANY, RECORDED JANUARY 16, 2024 UNDER CLERK’S FILE NO. 202400345, OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 1 – 10.01 ACRES SUBSTATION) (APPLIES – PLOTTED AS SHOWN)

ZZ. THIS ITEM HAS BEEN INTENTIONALLY DELETED

AAA. THIS ITEM HAS BEEN INTENTIONALLY DELETED

BBB. THIS ITEM HAS BEEN INTENTIONALLY DELETED – DOES NOT AFFECT PER SURVEY. SURFACE USE AGREEMENT BETWEEN CPX PETROLEUM INC. AND EILEEN CRAIN SULLIVAN ET AL, RECORDED IN VOLUME 1608, PAGE 180 OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS PARCEL 2) (SAME AS EXCEPTION LL – DOES NOT APPLY)

CCC. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 27, 2022 RECORDED UNDER CLERK’S FILE NO. 202213473 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS PARCEL 2) (APPLIES – PLOTTED AS SHOWN)

DDD. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 27, 2022 RECORDED UNDER CLERK’S FILE NO. 202213478 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS PARCEL 2) (APPLIES – PLOTTED AS SHOWN)

EEE. TERMS AND PROVISIONS IN DOCUMENT ENTITLED MEMORANDUM OF PROJECT ACCESS EASEMENT DATED SEPTEMBER 26, 2023, BETWEEN EILEEN MAY TRUST AND AILEEN L. MAY TRUST, AND ORIANA SOLAR LLC, A DELAWARE LIMITED LIABILITY COMPANY, RECORDED SEPTEMBER 28, 2023 UNDER CLERK’S FILE NO. 202309061 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

FFF. EASEMENT AND/OR RIGHT OF WAY TO SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T RECORDED OCTOBER 16, 2023 UNDER CLERK’S FILE NO. 202309509 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS PARCEL 2) (APPLIES – UNPLOTTABLE DUE TO NO DESCRIPTION)

GGG. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED NOVEMBER 1, 2022, RECORDED NOVEMBER 7, 2022 UNDER CLERK’S FILE NO. 202212083 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

HHH. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED NOVEMBER 1, 2022, RECORDED NOVEMBER 7, 2022 UNDER CLERK’S FILE NO.

202212084 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

III. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED NOVEMBER 1, 2022, RECORDED NOVEMBER 7, 2022 UNDER CLERK’S FILE NO. 202212085 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

JJJ. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 19, 2022, RECORDED DECEMBER 19, 2022 UNDER CLERK’S FILE NO. 202213337 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

KKK. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 19, 2022, RECORDED DECEMBER 19, 2022 UNDER CLERK’S FILE NO. 202213337 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

LLL. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 13, 2022, RECORDED DECEMBER 27, 2022 UNDER CLERK’S FILE NO. 202213469 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

MMM. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 27, 2022, RECORDED DECEMBER 27, 2022 UNDER CLERK’S FILE NO. 202213470 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

NNN. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 14, 2022, RECORDED DECEMBER 28, 2022 UNDER CLERK’S FILE NO. 202213471 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

OOO. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 14, 2022, RECORDED DECEMBER 27, 2022 UNDER CLERK’S FILE NO. 202213472 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

PPP. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED JANUARY 9, 2023, RECORDED JANUARY 11, 2023 UNDER CLERK’S FILE NO. 202300387 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

QQQ. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED DECEMBER 19, 2022, RECORDED JANUARY 13, 2023 UNDER CLERK’S FILE NO. 202300518 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

RRR. WAIVER OF SURFACE RIGHTS AND DRILL SITE AGREEMENT DATED JANUARY 14, 2023, RECORDED JANUARY 30, 2023 UNDER CLERK’S FILE NO. 202300922 OF THE OFFICIAL RECORDS OF VICTORIA COUNTY, TEXAS. (AFFECTS: PARCEL 2 AND PARCEL 2A) (APPLIES – PLOTTED AS SHOWN)

SSS. RIGHTS OF THE PUBLIC IN AND TO THAT PORTION OF THE LAND LYING WITHIN TATE ROAD.

TTT. THIS ITEM HAS BEEN INTENTIONALLY DELETED.

UUU. CONSTRUCTION DEED OF TRUST WITH POWER OF SALE, ASSIGNMENT OF LEASES AND RENTS, SECURITY AGREEMENT AND FUTURE FILING DATED _____, 2024, MADE BY ORIANA SOLAR LLC, A DELAWARE LIMITED LIABILITY COMPANY, UNTO _____, AS TRUSTEE, FOR THE BENEFIT OF THE BANK OF NEW YORK MELLON, AS COLLATERAL AGENT FOR THE SECURED PARTIES, AS BENEFICIARY, SECURING THE PRINCIPAL SUM OF \$_____, RECORDED _____, 2024 UNDER CLERK’S FILE NO. _____, OFFICIAL PUBLIC RECORDS, VICTORIA COUNTY, TEXAS.

				JOB NUMBER: 66053
				DATE: MARCH 2024
				SCALE: 1"=1000'
5	FINAL	KC	03/26/24	SURVEYOR: C. GARZA
4	UPDATE PROFORMA–ADDRESS COMMENTS	KC	03/26/24	TECHNICIAN: A. ADAMS
3	UPDATE PROFORMA–ADDRESS COMMENTS	KC	03/21/24	DRAWING: ORIANA SOLAR
2	UPDATE PROFORMA–ADDRESS COMMENTS	KC	03/08/24	TRACT ID: ORIANA SOLAR PROJECT
1	UPDATE PROFORMA–STEC ADDITIONS	KC	02/21/24	PARTYCHIEF: M. NIEMIETZ
NO.	REVISIONS	BY	DATE	FIELDBOOKS: 42566

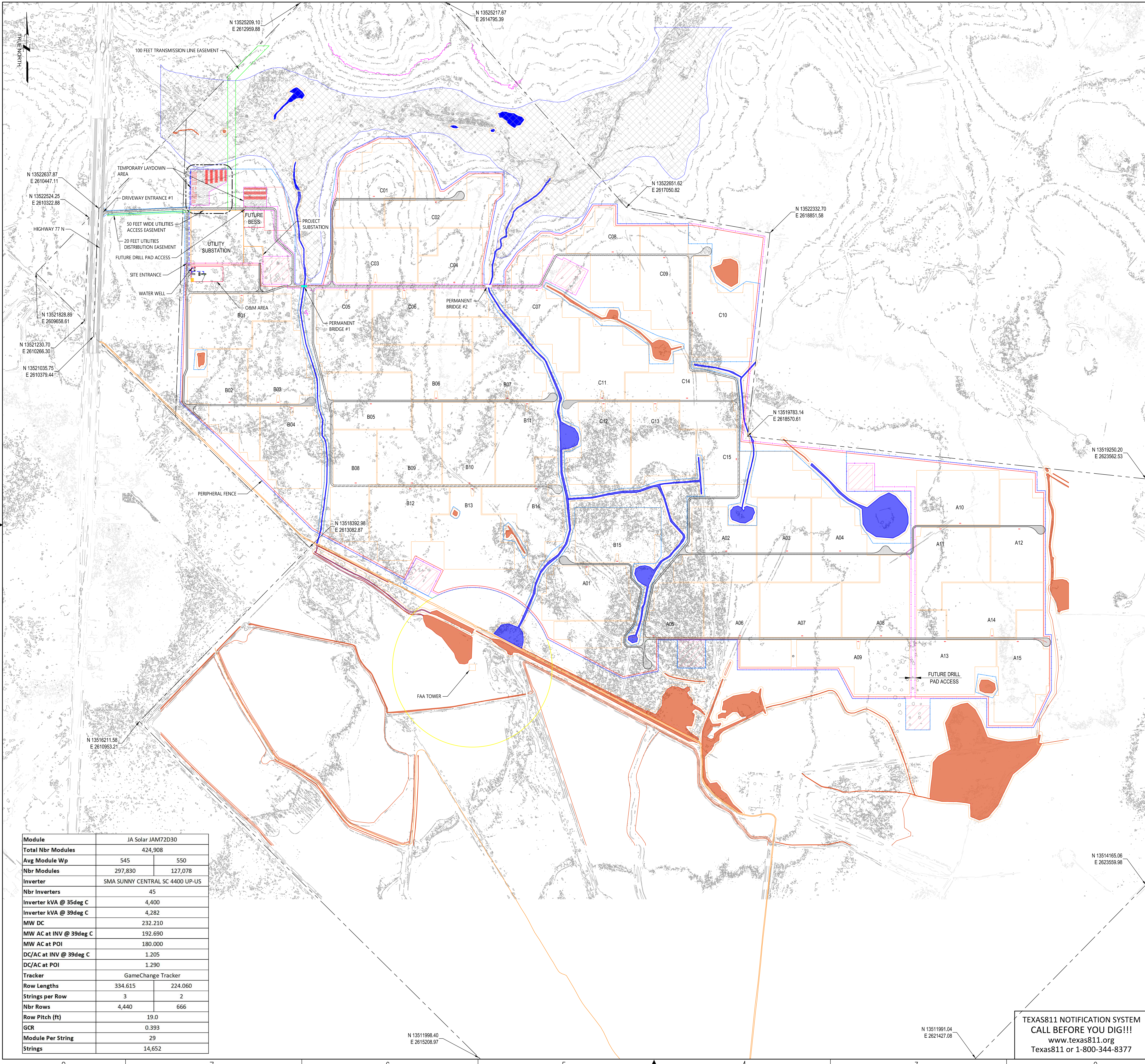


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Fax: (512) 326-3029
EMAIL: INFO@SAM.BIZ
TEXAS FIRM REGISTRATION
NO. 10064300
WWW.SAM.BIZ

ALTA/NSPS (2021) LAND TITLE SURVEY
ORIANA SOLAR PROJECT
SITUATED IN VICTORIA COUNTY, TEXAS

PROJECT:ORIANA SOLAR LLC
ORIANA SOLAR PROJECT

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KEYPLAN

NOTES :

1. ALL COORDINATES ARE IN FEET UNLESS NOTED OTHERWISE.
2. INFORMATION CONTAINED ON THIS DRAWING IS IN THE SURFACE COORDINATE SYSTEM, TEXAS STATE PLANES, SOUTH CENTRAL ZONE US FOOT.
3. COORDINATES SHOWN ON DRAWINGS IS OF LEASE BOUNDARY.
4. FOR FENCE AND GATES COORDINATES, REFER DRAWING 26611-000-C2-0000-00002.
5. FOR FINISHED GRADING PLANS, REFER DRAWINGS 26611-000-CS-0000-00001 THRU 00010.

REFERENCE DRAWINGS:

26611-000-C2-0000-00002 SITE FENCE LAYOUT

26611-000-E4-0000-00001 OVERALL ELECTRICAL EQUIPMENT LAYOUT

ABBREVIATIONS :

N NORTHING
S SOUTH
E EASTING
W WEST
EG EL EXISTING GRADE ELEVATION
FG EL FINISHED GRADE ELEVATION
INV EL INVERT ELEVATION

LEGEND

- 2' CONTOUR
- 10' CONTOUR
- LEASE BOUNDARY
- SITE FENCE
- SILT FENCE
- 20' OFFSET FROM FENCE
- FEMA FLOOD ZONE AE
- JURISDICTIONAL EMERGENT WETLANDS
- NON-JURISDICTIONAL EMERGENT WETLANDS
- 25' WETLAND OFFSET
- FUTURE DRILLING PAD
- WAIVED SURFACE
- ARRAY BLOCK
- 16' WIDE AND 6" THICK CRUSHED GRAVEL ROAD
- 20' WIDE AND 8" THICK CRUSHED GRAVEL ROAD (HEAVY HAUL)
- 20' WIDE AND 12" THICK CRUSHED GRAVEL ROAD (HEAVY HAUL)
- 1000 FT FAA EASEMENT
- DIRT ROAD

CIVIL SUMMARY	
TOTAL LEASE AREA	1121.00 ACRES
TOTAL USABLE AREA	972.00 ACRES

0 400' 800'
SCALE: 1" = 400'

REVISIONS	
NO.	DATE
1	12/07/23
2	11/10/23

GENERALLY REVISED AND REISSUED FOR REVIEW

ISSUED FOR REVIEW

BY: CMC DES: SUPV: ENGR: PROJ: ENGR: APPR: CHIEF ENGR:

BECHTEL
DEDICATED TO SAFETY EXCELLENCE - ZERO ACCIDENTS
RESTON, VIRGINIA

ORIANA SOLAR PROJECT

CIVIL SITE LAYOUT

JOB NO.	DRAWING NO.	REV.
26611-000	C2-0000-00001	00B

TEXAS811 NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!!
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Texas811 or 1-800-344-8377

Module	JA Solar JAM72D30	
Total Nbr Modules	424,908	
Avg Module Wp	545	550
Nbr Modules	297,830	127,078
Inverter	SMA SUNNY CENTRAL SC 4400 UP-US	
Nbr Inverters	45	
Inverter kVA @ 35deg C	4,400	
Inverter kVA @ 39deg C	4,282	
MW DC	232.210	
MW AC at INV @ 39deg C	192.690	
MW AC at POI	180.000	
DC/AC at INV @ 39deg C	1.205	
DC/AC at POI	1.290	
Tracker	GameChange Tracker	
Row Lengths	334.615	224.060
Strings per Row	3	2
Nbr Rows	4,440	666
Row Pitch (ft)	19.0	
GCR	0.393	
Module Per String	29	
Strings	14,652	



Stone Point Services, LLC

11827 County Road 41
Tyler, TX 75706
(903) 881-3103
Todd@StonePointServices.com

March 11, 2022

Mr. Tommy Browder
Director, Development
Advanced Power Services, Inc.
155 Federal Street, 17th Floor
Boston, MA 02110

Re: Desktop Archeological and Historic Resources Review for the Oriana Solar Project, Victoria County, Texas

Dear Mr. Browder:

Stone Point Services conducted an initial desktop review of the Texas Archeological Sites Atlas and the National Register of Historic Places (NRHP) database to identify previously recorded cultural resources located within the above referenced project's proposed Area of Potential Effect (APE). The study area consists of an approximately 3,028.59-acre (1,225.63-hectare) tract in Victoria County, Texas. Stone Point Services performed a limited desktop analysis to evaluate the potential for the project to be considered a federal action, which would trigger National Historic Preservation Act (NHPA) requirements. Stone Point Services also evaluated the potential for Antiquities Code of Texas (ACT) requirements. It is our understanding that the proposed project does not have a federal nexus and it is on private land. Therefore, NHPA and ACT do not apply to the project and additional study/survey and consultation with and/or concurrence from a lead federal agency (i.e. U.S. Army Corps of Engineers) or the Texas Historical Commission (THC) is not required.

Based on a review of the Texas Archeological Sites Atlas and the NRHP database, no archaeological sites have been recorded within one mile of the study area. Two archaeological surveys have been conducted within one mile of the study area. The study area is located along Willow Creek and its tributaries to the south, which may increase the likelihood of unrecorded archaeological sites being present within the study area. A review of previously recorded archaeological sites within similar environmental settings indicates that chances of encountering an unrecorded prehistoric archaeological site(s) within the northern portion of the study area are high (reference Figure 4). Historic aerial photography available through the various online sources, and other historic maps sources were used to evaluate if the study area was previously used for habitation. Specific maps reviewed include historic aerial photographs taken in 1970, 1981, 1983, 1996, 2004, 2008, 2012; Historic topographic maps from 1953, 1976, 1995, 2013, 2013 of the Beeville quad were reviewed. There are two structures depicted in the 1953 topographic map.

One structure is located in the southern tip of the survey area and appears to be an outbuilding. The second structure appears toward the middle on the west side of the survey area, immediately north of Tate Road. It is depicted as a potential dwelling. The dwelling is gone by the 1976 topographic map and 1981 aerial photograph. The outbuilding is no longer present on the 1996 aerial image. The 1981 aerial photograph indicated the potential presence of a structure in the northeast portion of the study area at the study area boundary just south of Willow Creek. This structure is no longer present on the 1996 aerial photograph. Structures appear at the east end of Tate Road in 1996 aerial photograph where Tate Road makes a half circle to the south around the radio tower location. A structure appears at the end of Tate Road to the east in 2008 near the location of a marked radio tower on the 1995 topographic map. Additionally, the 1953 topographic image depicts a windmill in the central portion of the study area as well as spoil banks all along the tributaries of Willow Creek throughout the study area. The 1995 topographic map indicated the presence of a radio tower east of the windmill. The study area appears to have served as agricultural property throughout its land use history. The agricultural land use history of the project area would indicate that surficial cultural resources (if present) would likely be disturbed.

Very deep soils of the Nada-Cieno frequently ponded complex soil series are present within the central, eastern and western portions of the study area. The Nada-Cieno complex series soils were formed by the gradual accumulation of flat coastal plains and could potentially contain deeply-buried cultural resources. Very deep soils of the Telferner soil series are present within the eastern, western, and northern portions of the study area. These soils, both Nada-Cieno and Telferner, were formed by the accumulation of loamy fluviomarine sediments of Pleistocene age from the Lissie Formation. The Degola soil series is also present in northern portion of the study area along Willow Creek. This soil series consists of very deep, well drained soils formed in stream sediments in recent alluvium. Quaternary deposits of Pleistocene age predate Holocene deposits. They also indicate a potential for buried archeological deposits in the area.

It is our understanding that the proposed project does not have a federal nexus and it is on private land. Therefore, NHPA and ACT do not apply to the project and additional study/survey and consultation with and/or concurrence from a lead federal agency (i.e. U.S. Army Corps of Engineers) or the THC is not required.

Sincerely,



Todd McMakin
Senior Archeologist

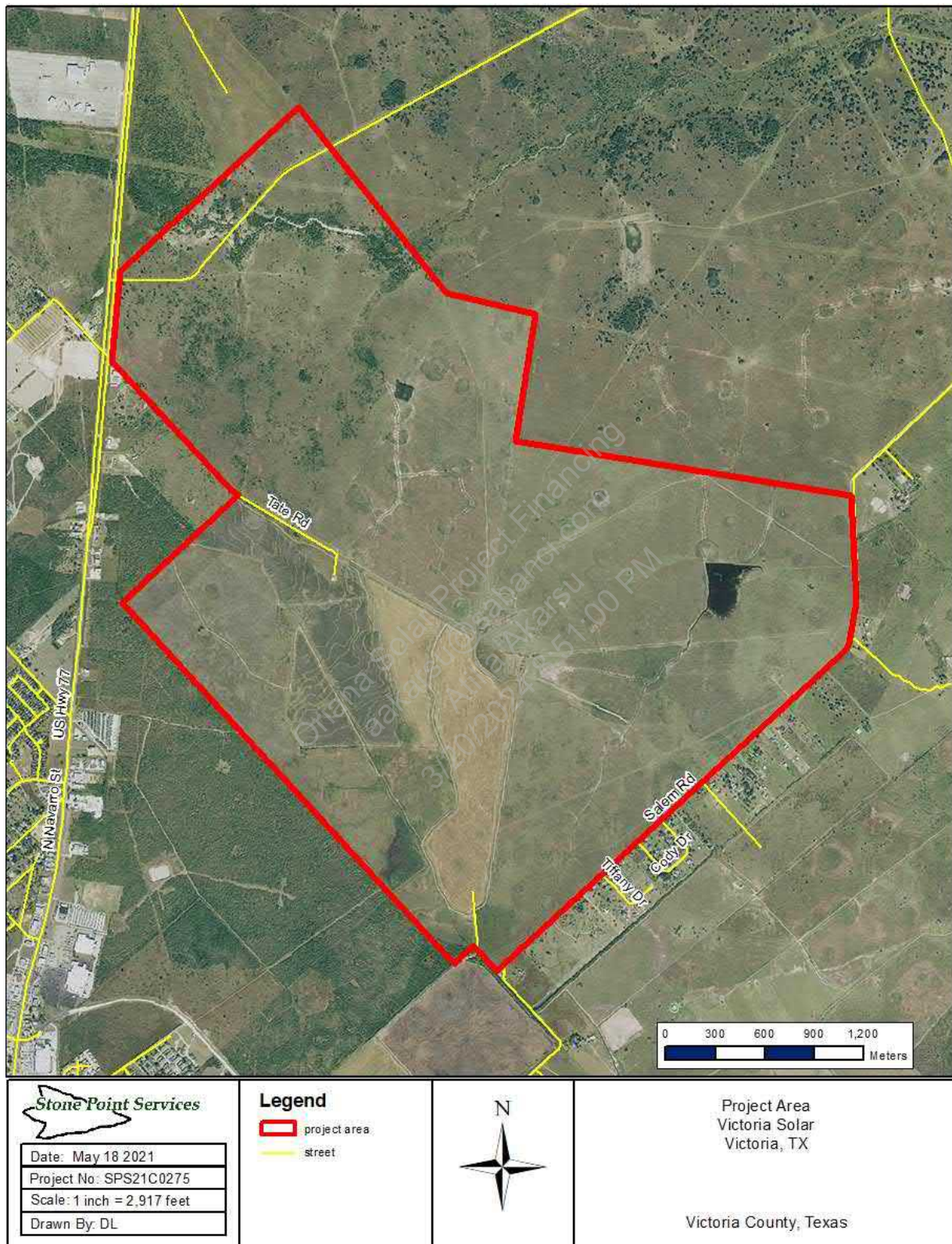


Figure 1: Oriana Solar Project Area Map

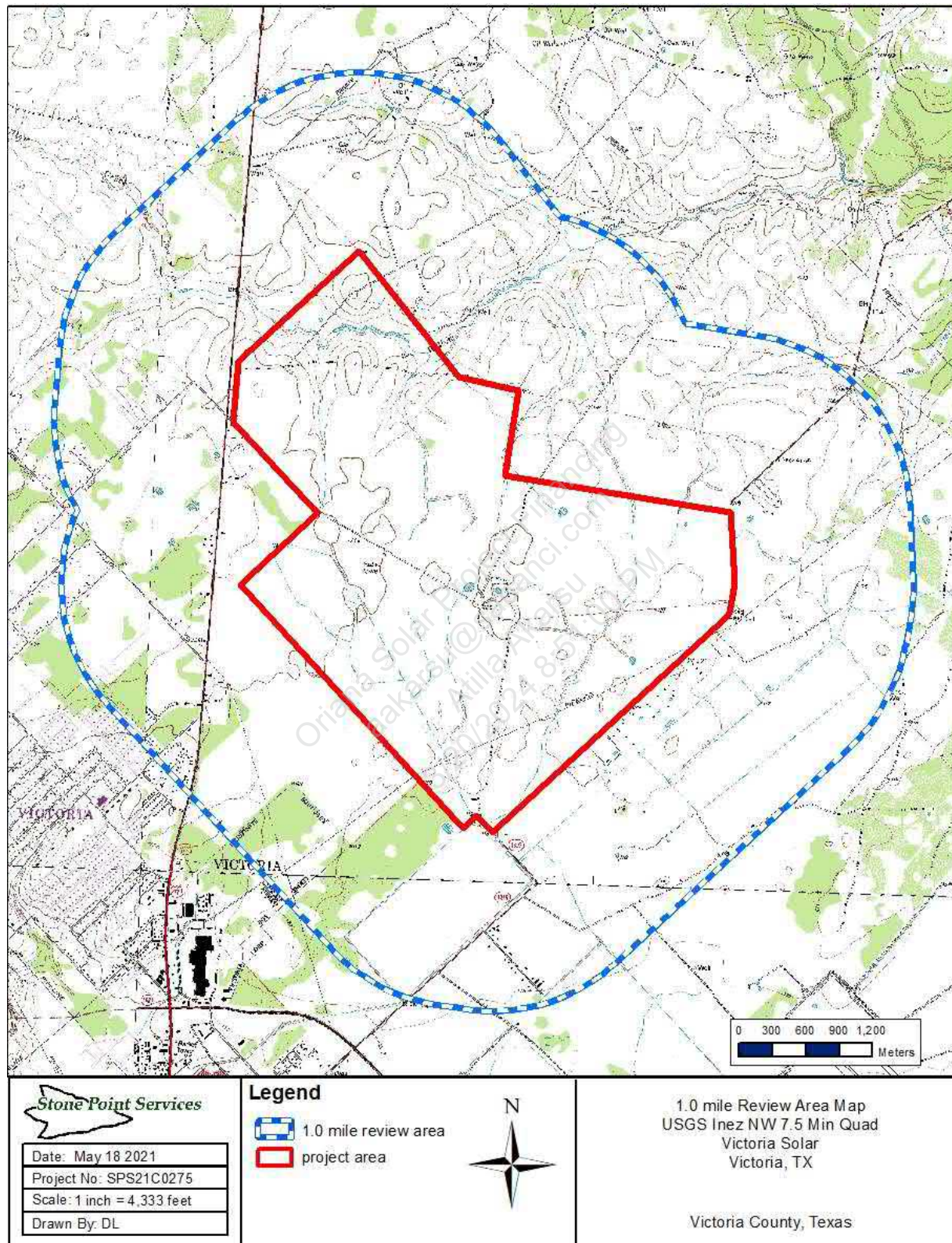


Figure 2: Victoria Solar Project USGS 7.5 min Topographic Quad Map

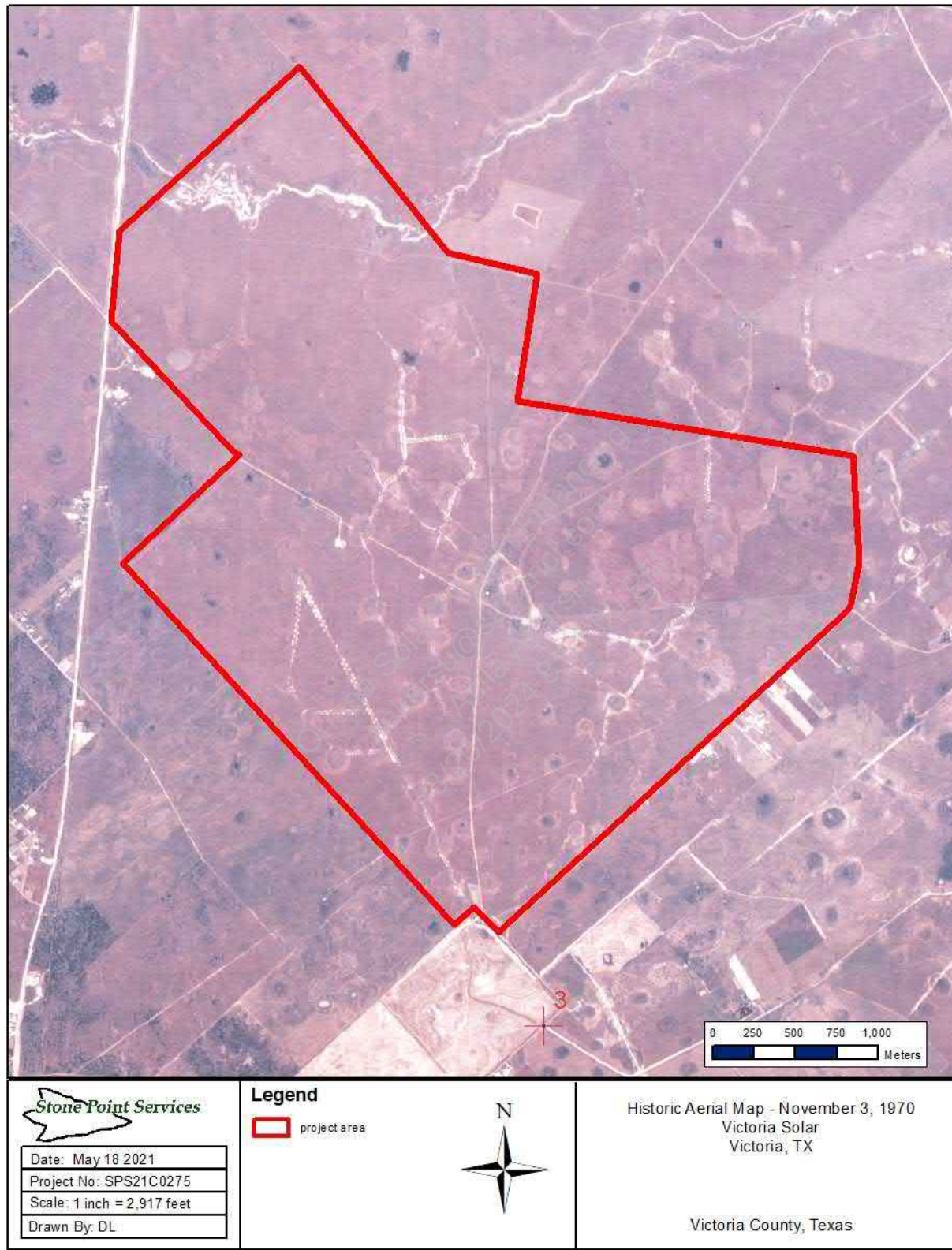


Figure 3: 1970 Historic aerial imagery with potential structures in central portions of the study area

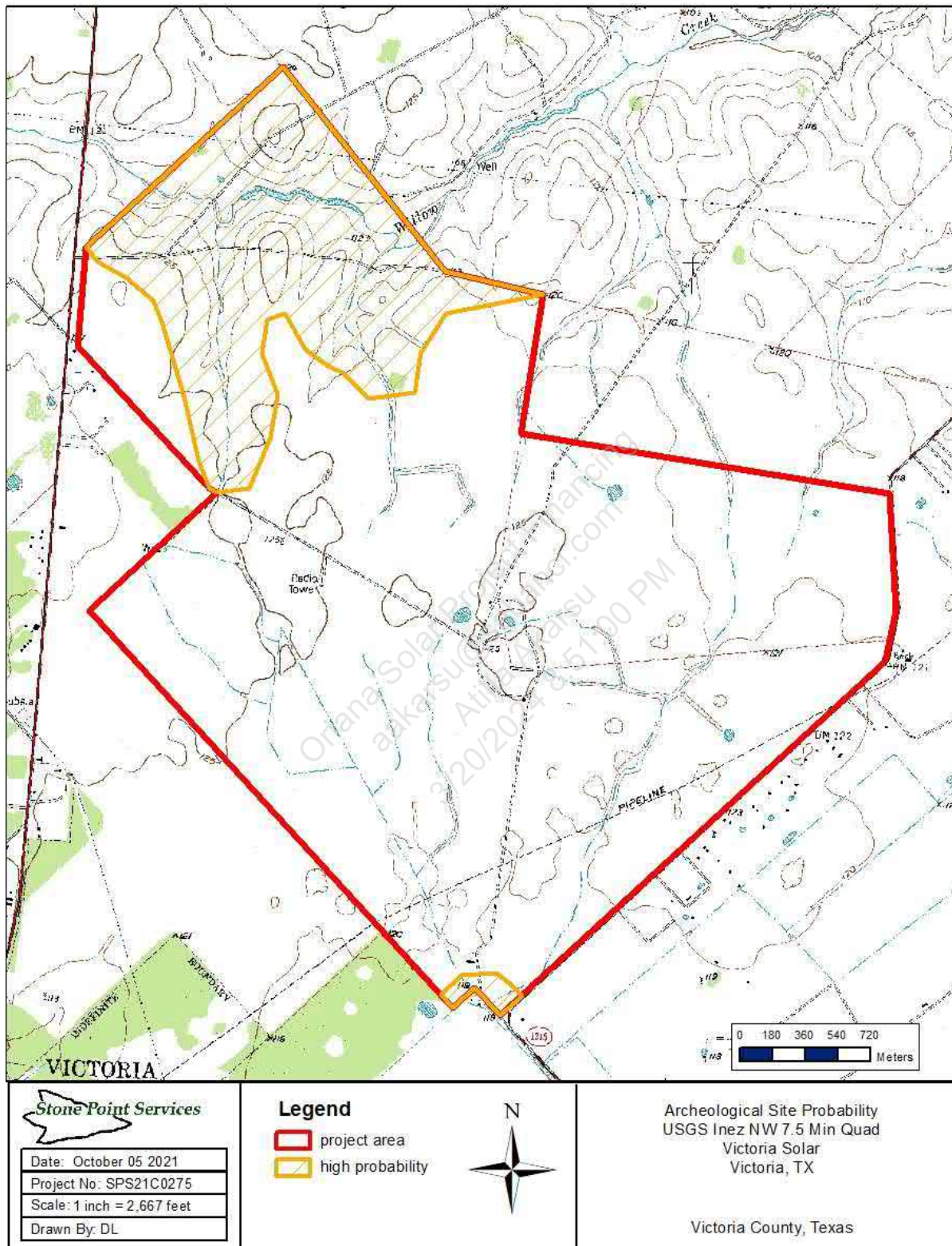


Figure 4: Initial probability assessment