



# GRAZING YAK SOLAR PROJECT

## WIND/SOLAR ENERGY GENERATION OVERLAY (WSE-O) PLAN EL PASO COUNTY, COLORADO

A PARCEL OF LAND LYING WITHIN SECTIONS 20, 29 AND 30, TOWNSHIP 12 SOUTH, RANGE 61 WEST OF THE SIXTH PRINCIPAL MERIDIAN,  
 EL PASO COUNTY, STATE OF COLORADO

**GRAZING YAK WSE-O**

**GENERAL PROVISIONS:**  
 THE PURPOSE OF THE GRAZING YAK SOLAR, LLC IN EL PASO COUNTY IS TO:

- REGULATE AND SITE THE GRAZING YAK SOLAR PROJECT WHERE IT IS MOST APPROPRIATE, CONSIDERING SOLAR ASPECT, IMPACTS TO THE ENVIRONMENT, VISUAL CORRIDORS, EXISTING INFRASTRUCTURE, AND THE ESTABLISHED DEVELOPMENT PATTERNS.
- ENSURE THE PRESERVATION OF PUBLIC HEALTH, SAFETY AND WELFARE.
- IDENTIFY APPROPRIATE SITING ENVELOPES THAT COMPLY WITH SETBACKS, HEIGHT RESTRICTIONS, AND OTHER REQUIREMENTS OF SOLAR ENERGY GENERATION FACILITIES DEFINED IN CHAPTER 4 OF THE EL PASO COUNTY LAND DEVELOPMENT CODE (LDC).
- PROVIDE MITIGATING MEASURES FOR IMPACTS ASSOCIATED WITH GRAZING YAK SOLAR PROJECT.

**AUTHORITY**  
 THIS WSE-O IS AUTHORIZED BY CHAPTER 4 OF THE EL PASO COUNTY LAND DEVELOPMENT CODE.

**APPLICABILITY**  
 THE PROVISIONS OF THE WSE-O SHALL RUN WITH THE LAND, THE LANDOWNERS, THEIR SUCCESSORS, HEIRS, OR ASSIGNS SHALL BE BOUND BY THIS WSE-O PLAN, AS AMENDED AND APPROVED BY THE EL PASO COUNTY DEVELOPMENT SERVICES DEPARTMENT DIRECTOR OR BOARD OF COUNTY COMMISSIONERS.

**ADOPTION**  
 THE ADOPTION OF THIS WSE-O PLAN SHALL EVIDENCE THE FINDINGS AND DECISIONS OF THE EL PASO COUNTY BOARD OF COUNTY COMMISSIONERS THAT THIS WSE-O PLAN FOR GRAZING YAK SOLAR PROJECT IS IN GENERAL CONFORMITY WITH THE EL PASO COUNTY MASTER PLAN, EL PASO COUNTY POLICY PLAN AND APPLICABLE SMALL AREA PLAN(S); IS AUTHORIZED UNDER THE PROVISION OF THE EL PASO COUNTY LAND DEVELOPMENT CODE; AND THAT THE EL PASO COUNTY LAND DEVELOPMENT CODE AND THIS WSE-O PLAN COMPLIES WITH STATE STATUTE.

**RELATIONSHIP TO COUNTY REGULATIONS**  
 THE PROVISIONS OF THE WSE-O PLAN SHALL PREVAIL AND GOVERN THE DEVELOPMENT OF GRAZING YAK SOLAR PROJECT, PROVIDED, HOWEVER, THAT WHERE THE PROVISIONS OF THIS WSE-O PLAN DO NOT ADDRESS A PARTICULAR SUBJECT, THE RELEVANT PROVISIONS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, AS AMENDED AND IN EFFECT AT THE TIME OF THE WSE-O PLAN APPROVAL, OR ANY OTHER APPLICABLE RESOLUTIONS OR REGULATIONS OF EL PASO COUNTY, SHALL BE APPLICABLE.

**RELATIONSHIP TO BASE ZONING DISTRICT**  
 APPROVAL OF THIS PLAN DOES NOT IN ANY WAY REDUCE OR ALTER THE REGULATIONS AND PROVISIONS OF THE UNDERLYING BASE ZONING DISTRICT(S). INSTEAD, THIS PLAN PROVIDES THE PROPERTY WITHIN THE SPECIFIC WSE-O ZONING DISTRICT WITH ADDITIONAL ALLOWED USES, REGULATED BY SPECIFIC DEVELOPMENT STANDARDS.

**ENFORCEMENT**  
 TO FURTHER THE MUTUAL INTEREST OF THE RESIDENTS, OCCUPANTS, AND OWNERS OF THE WSE-O AND OF THE PUBLIC IN THE PRESERVATION OF THE INTEGRITY OF THIS WSE-O PLAN, THE PROVISIONS OF THIS PLAN RELATING TO THE USE OF LAND SHALL RUN IN FAVOR OF EL PASO COUNTY AND SHALL BE ENFORCEABLE AT LAW OR IN EQUITY BY THE COUNTY WITHOUT LIMITATION ON ANY POWER OR REGULATION OTHERWISE GRANTED BY LAW.

**CONFLICT**  
 WHERE THERE IS MORE THAN ONE PROVISION WITHIN THE WSE-O PLAN THAT COVERS THE SAME SUBJECT MATTER, THE PROVISION WHICH IS MOST RESTRICTIVE OR IMPOSES HIGHER STANDARDS OR REQUIREMENTS SHALL GOVERN.

**MAXIMUM LEVEL OF DEVELOPMENT**  
 THE ALLOWED USES AND STRUCTURE SITING ENVELOPES SHOWN ON THE WSE-O PLAN IS THE MAXIMUM DEVELOPMENT AUTHORIZED FOR CONSTRUCTION.

**APPLICANT AND LEGAL AUTHORIZATION**

KNOWN ALL BY THESE PRESENTS: GRAZING YAK SOLAR, LLC IS THE LEGALLY AUTHORIZED REPRESENTATIVE OF THE PROPERTY INCLUDED WITHIN THIS WSE-O PLAN, AS DESCRIBED IN THE ACCOMPANYING LEGAL DESCRIPTION LOCATED ON SHEET 3 FOR THE PURPOSES OF THIS OVERLAY REZONING APPLICATION.

IN WITNESS WHEREOF:  
 THE AFOREMENTIONED HAVE EXECUTED THESE PRESENTS THIS 25 DAY OF February, 20 19.

*Alsey Davidson*  
 MS. ALSEY DAVIDSON, DEVELOPMENT MANAGER

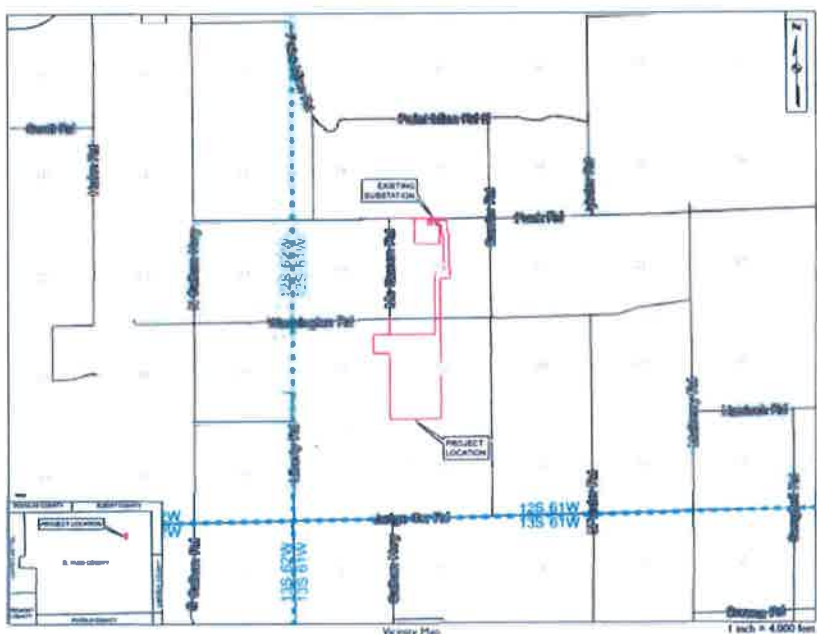
STATE OF Colorado  
 COUNTY OF El Paso

THE ABOVE AND FOREGOING STATEMENT WAS ACKNOWLEDGED BEFORE ME THIS 25 DAY OF February, 20 19 BY Alsey Davidson

WITNESS MY HAND AND OFFICIAL SEAL *Krista*  
 (NOTARY PUBLIC)



MY COMMISSION EXPIRES 3-28-2020  
 NOTARY I.D. NUMBER JP 928440



**COUNTY CERTIFICATION**  
 THIS OVERLAY REQUEST TO THE WSE-O HAS BEEN REVIEWED AND FOUND TO BE COMPLETE IN ACCORDANCE WITH BOARD OF COUNTY COMMISSIONER RESOLUTION NO. \_\_\_\_\_ DATED THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_ APPROVING THIS WSE-O AND IN ACCORDANCE WITH ALL APPLICABLE EL PASO COUNTY REGULATIONS.

*Alsey Davidson* 5/6/19  
 DATE  
 DIRECTOR, PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT

**TITLE VERIFICATION**  
 I, Thomas Girard, DO HEREBY VERIFY THAT I HAVE EXAMINED THE TITLE OF ALL LANDS DEPICTED AS WITHIN THE WSE-O BOUNDARY AS DESCRIBED HEREON AND THAT TITLE TO THE SOLAR ARRAY PARCEL IS OWNED IN FEE SIMPLE, AND THAT THE REMAINDER OF THE WSE-O BOUNDARY IS LOCATED ON PARCELS A PORTION OF WHICH ARE UNDER LEASE, EASEMENT OR OPTION AGREEMENT WITH THE APPLICANT OR AN AFFILIATE, AT THE TIME OF THE APPLICATION.

*Thomas Girard*  
 SURVEYOR  
 STATE OF COLORADO  
 COUNTY OF EL PASO



THE ABOVE AND FOREGOING STATEMENT WAS ACKNOWLEDGED BEFORE ME THIS 22nd DAY OF April, 20 19 BY Thomas Girard

WITNESS MY HAND AND OFFICIAL SEAL *Michelle*  
 (NOTARY PUBLIC)



MY COMMISSION EXPIRES 3-4-2023  
 NOTARY I.D. NUMBER 20194008788

**SHEET INDEX**

- COVER SHEET
- GENERAL NOTES
- LEGAL DESCRIPTION
- WSE-O BOUNDARY WITH ZONING OVERLAY
- PROPOSED SOLAR GENERATION MAP
- ADJACENT PARCEL OVERLAY MAP
- SITE LAYOUT
- SITE LAYOUT
- SITE DETAILS
- SITE DETAILS

**SITE DATA**

**APPLICANT:** GRAZING YAK SOLAR, LLC  
 C/O NEXTERA ENERGY RESOURCES  
 700 UNIVERSE BOULEVARD  
 JUNO BEACH, FLORIDA 33408  
 CONTACT: ALSEY DAVIDSON

**DEVELOPER:** GRAZING YAK SOLAR, LLC  
 C/O NEXTERA ENERGY RESOURCES  
 700 UNIVERSE BOULEVARD  
 JUNO BEACH, FLORIDA 33408  
 CONTACT: ALSEY DAVIDSON

**OWNER:** GRAZING YAK SOLAR, LLC  
 C/O NEXTERA ENERGY RESOURCES  
 700 UNIVERSE BOULEVARD  
 JUNO BEACH, FLORIDA 33408  
 CONTACT: ALSEY DAVIDSON

**TAX SCHEDULE NUMBERS AND ZONING:** 1200000040, 1200000388, 1200000387, 1200000276, 1200000056, 1200000339

**SITE ADDRESS:** 31275 WASHINGTON ROAD  
 CALHAN, COLORADO 80808

**TOTAL AREA OF WSE-O:** 377 ACRES

**PROPOSED USE:** PRINCIPAL USES - SOLAR PANELS, ACCESSORY USES - COLLECTION LINES AND OTHER USES NECESSARY TO CARRY OUT THE INTENT OF THE OVERLAY ZONING, INCLUDING BUT NOT LIMITED TO DC TO AC INVERTERS, MEDIUM VOLTAGE TRANSFORMERS, CIRCUIT BREAKERS AND DISCONNECT SWITCHES.

**DEVELOPMENT SCHEDULE:** CONSTRUCTION ANTICIPATED TO BEGIN 2019  
**GENERATING CAPACITY:** 35 MWAC

**SURVEYOR'S CERTIFICATE**  
 I, Thomas Girard, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THIS LEGAL FOR GRAZING YAK SOLAR PROJECT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, BASED ON RECORD INFORMATION. THE DESCRIPTION DOES NOT REPRESENT A MONUMENTED FIELD SURVEY PERFORMED BY CORECONSULTANTS.

*Thomas Girard*  
 THOMAS M. GIRARD  
 COLORADO L.S. 38151  
 FOR AND ON BEHALF OF  
 CORE CONSULTANTS, INC.  
 1950 W. LITTLETON BLVD., SUITE 109  
 LITTLETON, CO 80120



CIVIL ENGINEERING  
 DEVELOPMENT CONSULTING  
 1950 W. LITTLETON BLVD., SUITE 109  
 LITTLETON, CO 80120



ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE.  
 DATE OF DECLASSIFICATION: N/A  
 AUTHORITY: 5 U.S.C. 552

REVISION DESCRIPTION	DATE	BY
1. SITE SUBMITTAL	5/16/19	MS
2. 2ND SUBMITTAL	5/16/19	MS
3. 3RD SUBMITTAL	5/16/19	MS

**GRAZING YAK SOLAR**  
 EL PASO COUNTY, COLORADO  
 WIND/SOLAR ENERGY OVERLAY PLAN  
 COVER SHEET

DESIGNED BY: *MS*  
 DRAWN BY: *MS*  
 CHECKED BY: *MS*  
 JOB NO. 18-082  
 SHEET 1 OF 10

NOTES:

1. THE GRAZING YAK SOLAR PROJECT WILL HAVE A NAME PLATE RATING OF 35 MWAC THAT WILL BE INTERCONNECTED BY A 34 KV UNDERGROUND COLLECTION LINE THAT WILL TIE INTO THE EXISTING GOLDEN WEST WIND SUBSTAION.
2. THIS WSE-O PLAN DEPICTS SOLAR ENERGY SITED ON APPROXIMATELY 1,224 ACRES OF LAND. THE MAXIMUM ANTICIPATED GENERATION CAPACITY IS APPROXIMATELY 35 MWAC.
3. THE INFORMATION AND FEATURES IN THIS WSE-O PLAN WERE DEVELOPED BY RELYING ON EL PASO COUNTY GIS SPATIAL DATA; LAND SURVEY PLATS (PREPARED BY CORE CONSULTANTS, INC. DATED 09/07/2018), COLORADO SPRINGS AERIAL IMAGERY, AND FEMA FLOODPLAIN DATA.
4. THE WSE-O PLAN DEVELOPMENT STANDARDS WERE DEVELOPED IN ACCORDANCE WITH SECTION 4.3.5 OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, APPENDIX B AND PROCEDURES MANUAL SECTION S-PL-023-11.
5. FACILITIES CONSTRUCTED AS PART OF GRAZING YAK SOLAR PROJECT WILL BE CONSTRUCTED WITHIN HORIZONTAL AND VERTICAL SITING ENVELOPES AS DEFINED BY THIS WSE-O PLAN.
6. VERTICAL HEIGHTS OF FACILITIES CONSTRUCTED AS PART OF GRAZING YAK SOLAR PROJECT SHALL COMPLY WITH THE DENSITY AND DIMENSIONAL STANDARDS FOR GRAZING YAK SOLAR PROJECT .
7. SPECIFIC ALIGNMENT OF THE PROJECT ROADS AND THE ELECTRICAL SYSTEM WILL BE PROVIDED AT THE SITE DEVELOPMENT STAGE.
8. GRAZING YAK SOLAR PROJECT MAY POST SIGNS ON THE FOLLOWING FACILITIES, INCLUDING BUT NOT LIMITED, TO:
  - 8.1 PROJECT ROADS
  - 8.2 FENCES
  - 8.3 SIGNS WILL COMPLY WITH SECTION 6.2.10 OF THE EL PASO COUNTY LDC. DETAILS FOR ALL SIGNS WILL BE PROVIDED WITH THE RESPECTIVE SITE DEVELOPMENT PLANS AND MAY REQUIRE SEPARATE SIGN PERMITS.
9. ALL PROJECT ROADS AND FACILITIES WILL BE MAINTAINED BY SOLAR FACILITY OWNER.
10. SITE DEVELOPMENT PLANS WILL BE REQUIRED SHOWING THE DETAILED DESIGN OF ALL FACILITIES RELATED TO THE PROJECT PRIOR TO CONSTRUCTION.
12. BASED ON A PENDING JURISDICTIONAL DETERMINATION TO BE MADE BY THE U.S. ARMY CORPS OF ENGINEERS THERE ARE NO WATERS OF THE U.S. LOCATED WITHIN THE PROPOSED PROJECT. THERE WILL BE NO NATIONWIDE PERMITS REQUIRED FOR PROJECT ACTIVITIES. IF FUTURE PROJECTS ENCROACH ON ANY WATERS OF THE U.S., CONSTRUCTION MAY REQUIRE A NATIONWIDE PERMIT UNDER SECTION 404 OF THE CLEAN WATER ACT.
13. "BASIS OF BEARINGS": BEARINGS FOR THIS DESCRIPTION ARE BASED UPON THE SOUTH LINE OF OF THE SOUTHWEST QUARTER OF SECTION 29, TOWNSHIP 12 SOUTH, RANGE 61 WEST OF THE 6TH P.M., BEING ASSUMED TO BEAR S 89°05'21" W, FROM THE SOUTH QUARTER CORNER OF SAID SECTION 29, BEING MONUMENTED BY A REBAR WITH A 2" ALUMINUM CAP, STAMPED "PLS 38222", TO THE SOUTHWEST CORNER OF SAID SECTION 29, BEING MONUMENTED BY A REBAR WITH A 2" ALUMINUM CAP, STAMPED "PLS 38222", WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

Overlay District	Underlying Zoning District	Minimum Setbacks for structures <sup>1</sup> (ft.) (Principal and Accessory Uses)	Maximum Height of Solar Panels (ft.)	Maximum Height of Inverter-Transformer Pairs (ft.)	Maximum Height of existing Substation Facilities <sup>2</sup> (ft.)
		Perimeter			
Grazing Yak WSE-O	A-35	25	14	18	35

<sup>1</sup> Setbacks are not applicable to fences or walls seven feet in height or less, retaining walls less than four feet in height, poles, lines, cables, distribution and transmission lines. All setbacks shall be measured from the WSE-O District boundary.  
<sup>2</sup> Transmission line poles are exempt from the maximum height restrictions for the substation.

CIVIL ENGINEERING  
 DEVELOPMENT CONSULTING  
 NATIONAL RESOURCES CONSULTING  
 LAND SURVEYING  
 303.793.4444  
 1950 W. Littleton Blvd., Ste. 109  
 Littleton, CO 80120



CALL ALL SUBMITTALS IN ADVANCE BEFORE YOU  
 SUBMIT TO THE CITY OF EL PASO. THE CITY OF  
 EL PASO IS AN EQUAL OPPORTUNITY EMPLOYER.  
 CORE CONSULTANTS IS NOT RESPONSIBLE FOR EXISTING UTILITY  
 LOCATIONS, HORIZONTAL AND VERTICAL. THE EXISTING  
 UTILITY LOCATIONS ARE SHOWN FOR INFORMATION. IT IS ADVISED  
 THAT THE LOCATION OF ALL UTILITIES ARE TO BE  
 CONFIRMED BY AN UTILITY CONTRACTOR.

#	REVISION DESCRIPTION	DATE BY
1	1ST SUBMITTAL	10/21/18 DB
2	2ND SUBMITTAL	07/02/19 DB
3	3RD SUBMITTAL	07/17/19 DB

**GRAZING YAK SOLAR**  
 EL PASO COUNTY, COLORADO  
 WIND/SOLAR ENERGY OVERLAY PLAN  
 GENERAL NOTES

DESIGNED BY: DB  
 DRAWN BY: DB  
 CHECKED BY: DB  
 JOB NO.  
 18-082  
 SHEET  
 2 OF 10

5/6/2019  
 219047803

**LEGAL DESCRIPTION:**

**PARCEL CONTAINING THE SOLAR ARRAY:**

TAX ASSESSOR SCHEDULE NO. 1200000040

A PARCEL OF LAND BEING THE WEST HALF OF SECTION 29, TOWNSHIP 12 SOUTH, RANGE 61 WEST OF THE 6<sup>TH</sup> PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO, LESS AND EXCEPT ANY EXISTING RIGHTS OF WAY AND ALSO EXCLUDING THE FOLLOWING PARCEL OF LAND:

THE NORTH 820 FEET OF THE WEST 2450 FEET OF THE WEST HALF OF SAID SECTION 29.

CONTAINING 271.850 ACRES, MORE OR LESS

**PARCELS CONTAINING UNDERGROUND COLLECTION LINE:**

TAX ASSESSOR SCHEDULE NO. 1200000040, 1200000388, 1200000387, 1200000276, 1200000056

A PARCEL OF LAND LYING WITHIN SECTION 20 AND THE NORTHWEST QUARTER OF SECTION 29, TOWNSHIP 12 SOUTH, RANGE 61 WEST OF THE 6<sup>TH</sup> PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO, LESS AND EXCEPT ANY EXISTING RIGHTS OF WAY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARINGS FOR THIS DESCRIPTION ARE BASED UPON THE EAST LINE OF THE SOUTHWEST QUARTER OF SECTION 20, TOWNSHIP 12 SOUTH, RANGE 61 WEST, OF THE 6<sup>TH</sup> PRINCIPAL MERIDIAN, BEING ASSUMED TO BEAR N 00°29'26" W, FROM THE SOUTH QUARTER CORNER OF SAID SECTION 20, BEING MONUMENTED BY A REBAR WITH A 2 INCH ALUMINUM CAP STAMPED PLS 38222, TO THE CENTER QUARTER CORNER OF SAID SECTION 20, BEING MONUMENTED BY A REBAR WITH A 2 INCH ALUMINUM CAP STAMPED PLS 38222, WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

BEGINNING AT THE SOUTH QUARTER CORNER OF SAID SECTION 20, THENCE S 00°30'49" E, ALONG THE EAST LINE OF THE NORTHWEST QUARTER OF SECTION 29, TOWNSHIP 12 SOUTH, RANGE 61 WEST, A DISTANCE OF 820.28 FEET;

THENCE S 89°27'20" W, A DISTANCE OF 300.00 FEET;

THENCE N 00°30'49" W, ALONG A LINE BEING 300.00 FEET WEST OF AND PARALLEL TO THE EAST LINE OF THE NORTHWEST QUARTER OF SAID SECTION 29, A DISTANCE OF 820.00 FEET TO A POINT ON THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 20;

THENCE N 00°29'26" W, ALONG A LINE BEING 300.00 FEET WEST OF AND PARALLEL TO THE EAST LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 20, A DISTANCE OF 2,300.49 FEET;

THENCE N 67°10'11" E, A DISTANCE OF 324.12 FEET;

THENCE S 00°29'19" E, A DISTANCE OF 31.13 FEET;

THENCE N 89°34'13" E, A DISTANCE OF 225.00 FEET;

THENCE N 00°29'19" W, A DISTANCE OF 225.00 FEET;

THENCE S 89°34'13" W, A DISTANCE OF 40.41 FEET TO A POINT OF NON-TANGENT CURVATURE;

THENCE ALONG THE ARC OF A NON-TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 215.00 FEET, A CENTRAL ANGLE OF 07°34'33" AND AN ARC LENGTH OF 28.43 FEET, THE CHORD OF WHICH BEARS N 02°55'53"E, A DISTANCE OF 28.41 FEET;

THENCE N 00°51'23" W, A DISTANCE OF 1,640.33 FEET TO A POINT OF CURVATURE;

THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 215.00 FEET, A CENTRAL ANGLE OF 54°24'57" AND AN ARC LENGTH OF 204.19 FEET;

THENCE N 00°41'08" W, A DISTANCE OF 429.86 FEET;

THENCE S 89°18'52" W, A DISTANCE OF 150.74 FEET;

THENCE N 00°21'17" W, A DISTANCE OF 246.93 FEET;

THENCE N 90°00'00" E, A DISTANCE OF 449.34 FEET;

THENCE S 00°41'08"E, A DISTANCE OF 546.38 FEET;

THENCE S 28°46'27"E, A DISTANCE OF 191.20 FEET;

THENCE S 00°51'23"E, A DISTANCE OF 1,770.37 FEET;

THENCE S 52°25'08"E, A DISTANCE OF 49.18 FEET;

THENCE S 00°29'19"E, A DISTANCE OF 525.31 FEET;

THENCE S 89°34'13"W, A DISTANCE OF 524.78 FEET TO A POINT ON THE EAST LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 20;

THENCE S 00°29'26"E, ALONG SAID EAST LINE, A DISTANCE OF 2,091.99 FEET TO THE POINT OF BEGINNING.

CONTAINING 1,980,529 SQUARE FEET OR 45.467 ACRES, MORE OR LESS.

**PARCEL CONTAINING LAYDOWN YARD 1:**

TAX ASSESSOR SCHEDULE NO. 1200000339

A PARCEL OF LAND BEING APPROXIMATELY 40 ACRES LYING WITHIN THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 12 SOUTH, RANGE 61 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO, LESS AND EXCEPT THE FOLLOWING PARCELS OF LAND:

- GOLDEN WEST SUBSTATION

THE GOLDEN WEST SUBSTATION BEING 270.00 FEET BY 170.00 FEET, LOCATED 77 FEET SOUTH OF AND 50 FEET WEST OF THE NORTH QUARTER CORNER OF SAID SECTION 20 (CONTAINING APPROXIMATELY 1.054 ACRES)

- OPERATIONS AND MAINTENANCE BUILDING

THE OPERATIONS AND MAINTENANCE BUILDING (O & M BUILDING) BEING 100.00 FEET BY 50.00 FEET, LOCATED 150 FEET SOUTH OF AND 506 FEET WEST OF THE NORTH QUARTER CORNER OF SAID SECTION 20 (CONTAINING APPROXIMATELY 0.115 ACRES).

THE NET AREA OF LAYDOWN YARD 1 IS APPROXIMATELY 38.831 ACRES, MORE OR LESS.

**PARCEL CONTAINING LAYDOWN YARD 2:**

TAX ASSESSOR SCHEDULE NO. 1200000387

A PARCEL OF LAND LOCATED WITHIN THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 30, TOWNSHIP 12 SOUTH RANGE 61 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARINGS FOR THIS DESCRIPTION ARE BASED UPON THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 30, BEING ASSUMED TO BEAR S 00°22'13" E, FROM THE NORTHEAST CORNER OF SAID SECTION 30 BEING MONUMENTED BY A NO. 6 REBAR WITH NO CAP, TO THE EAST QUARTER CORNER OF SAID SECTION 30, BEING MONUMENTED BY A 2 INCH ALUMINUM CAP STAMPED PLS 38222, WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 30, THENCE S 00°22'13" E, ALONG THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 30, A DISTANCE OF 30.00 FEET TO A POINT ON THE SOUTH LINE OF WASHINGTON ROAD RIGHT OF WAY AND THE POINT OF BEGINNING;

THENCE S 00°22'13" E, ALONG SAID EAST LINE, A DISTANCE OF 1625.01 FEET;

THENCE S 89°37'47" W, A DISTANCE OF 1044.00 FEET;

THENCE N 00°22'13" W, ALONG A LINE BEING 1044.00 FEET WEST OF AND PARALLEL TO THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 30, A DISTANCE OF 830.98 FEET;

THENCE N 89°37'47" E, A DISTANCE OF 1024.00 FEET;

THENCE N 00°22'13" W, ALONG A LINE BEING 20.00 FEET WEST OF AND PARALLEL TO THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 30, A DISTANCE OF 794.17 FEET TO A POINT ON THE SOUTH LINE OF SAID WASHINGTON ROAD RIGHT OF WAY;

THENCE N 90°00'00" E, ALONG SAID SOUTH LINE, A DISTANCE OF 20.00 FEET TO THE POINT OF BEGINNING.

CONTAINING AN AREA OF 883,425 SQUARE FEET OR 20.281 ACRES, MORE OR LESS

**PARCEL CONTAINING GOLDEN WEST SUBSTATION:**

TAX ASSESSOR SCHEDULE NO. 1200000339

A PARCEL OF LAND BEING THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 12 SOUTH, RANGE 61 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARINGS FOR THIS DESCRIPTION ARE BASED UPON THE EAST LINE OF THE NORTHWEST QUARTER OF SAID SECTION 20, BEING ASSUMED TO BEAR S 00°53'03" E, FROM THE NORTH QUARTER CORNER OF SAID SECTION 20, BEING MONUMENTED BY A REBAR WITH A 2 INCH ALUMINUM CAP STAMPED PLS 38222, TO THE CENTER QUARTER CORNER OF SAID SECTION 20, BEING MONUMENTED BY A REBAR WITH A 2 INCH ALUMINUM CAP STAMPED PLS 38222, WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 20, THENCE S 32°03'35" W TO THE NORTHEAST CORNER OF THE SUBSTATION AND THE POINT OF BEGINNING;

THENCE S 00°21'17" E, A DISTANCE OF 270.00 FEET;

THENCE S 89°38'43" W, A DISTANCE OF 170.00 FEET;

THENCE N 00°21'17" W, A DISTANCE OF 270.00 FEET;

THENCE N 89°38'43" E, A DISTANCE OF 170.00 FEET TO THE POINT OF BEGINNING.

CONTAINING AN AREA OF 45,900 SQUARE FEET OR 1.054 ACRES, MORE OR LESS.

CIVIL ENGINEERING  
DEVELOPMENT CONSULTING  
NATURAL RESOURCES CONSULTING  
LAND SURVEYING  
303.703.4444  
1950 W. Littleton Blvd., Ste. 109  
Littleton, CO 80120

**CORE**  
CONSULTANTS



CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITIES.  
CALL 811 BEFORE YOU DIG.  
FOR A LIST OF PARTICIPATING UTILITIES, VISIT US ONLINE AT WWW.CALL811.CO.  
UTILITIES SHOWN ON THIS DRAWING HAVE BEEN LOCATED BY A PROFESSIONAL UTILITY LOCATOR. THE LOCATION INFORMATION AND DEPTH DATA THIS SERVICE PROVIDES IS FOR INFORMATIONAL PURPOSES ONLY. THE RESPONSIBILITY OF THE CONTRACTOR TO RE-VERIFY THE LOCATION OF ANY UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY.

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	07/26/19	DB
2	2ND SUBMITTAL	07/26/19	DB
3	3RD SUBMITTAL	02/11/19	DB

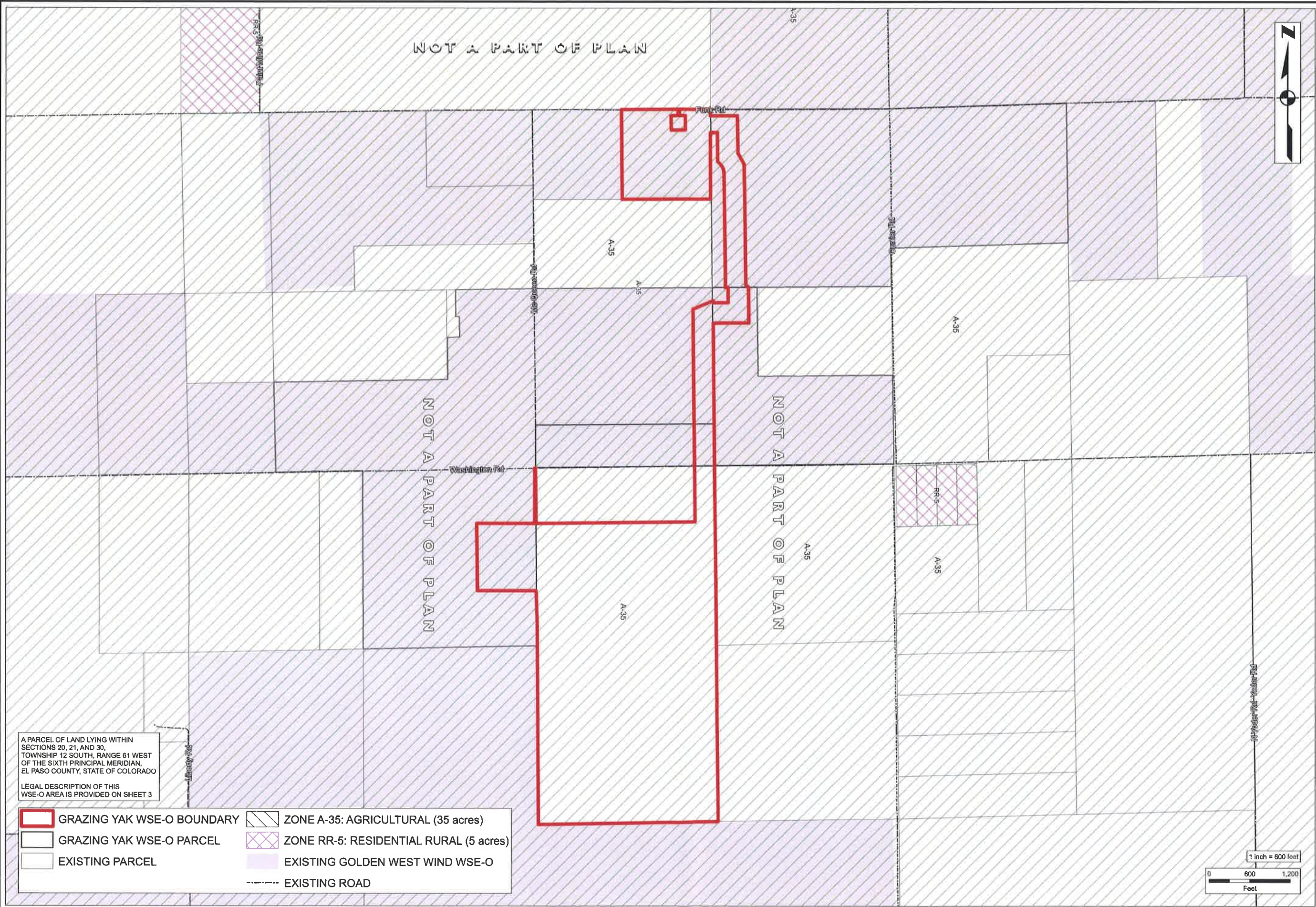
**GRAZING YAK SOLAR**  
EL PASO COUNTY, COLORADO  
WIND/SOLAR ENERGY OVERLAY PLAN  
LEGAL DESCRIPTION

DESIGNED BY: DB  
DRAWN BY: DB  
CHECKED BY: DB

JOB NO.  
18-082  
SHEET  
3 OF 10

5/6/2019  
219047803

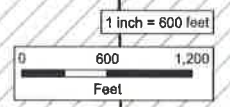
2/11/2019 8:11 AM X:\3\002\02\2\NG\YAK SOLAR\ENGINEERING\WSE-O\LEGAL DESCRIPTION.DWG



A PARCEL OF LAND LYING WITHIN SECTIONS 20, 21, AND 30, TOWNSHIP 12 SOUTH, RANGE 81 WEST OF THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO

LEGAL DESCRIPTION OF THIS WSE-O AREA IS PROVIDED ON SHEET 3

- GRAZING YAK WSE-O BOUNDARY
- GRAZING YAK WSE-O PARCEL
- EXISTING PARCEL
- ZONE A-35: AGRICULTURAL (35 acres)
- ZONE RR-5: RESIDENTIAL RURAL (5 acres)
- EXISTING GOLDEN WEST WIND WSE-O
- EXISTING ROAD



NOT A PART OF PLAN

NOT A PART OF PLAN


NOT A PART OF PLAN

**GRAZING YAK SOLAR**  
EL PASO COUNTY, COLORADO  
WIND/SOLAR ENERGY OVERLAY PLAN  
WSE-O BOUNDARY ZONING OVERLAY

#	REVISION DESCRIPTION	DATE BY
1	1ST SUBMITTAL	11/20/18 DB
2	2ND SUBMITTAL	01/16/19 DB
3	3RD SUBMITTAL	02/14/19 DB

DESIGNED BY: DB  
DRAWN BY: DB  
CHECKED BY: DB

JOB NO. 18-082  
SHEET 4 OF 10

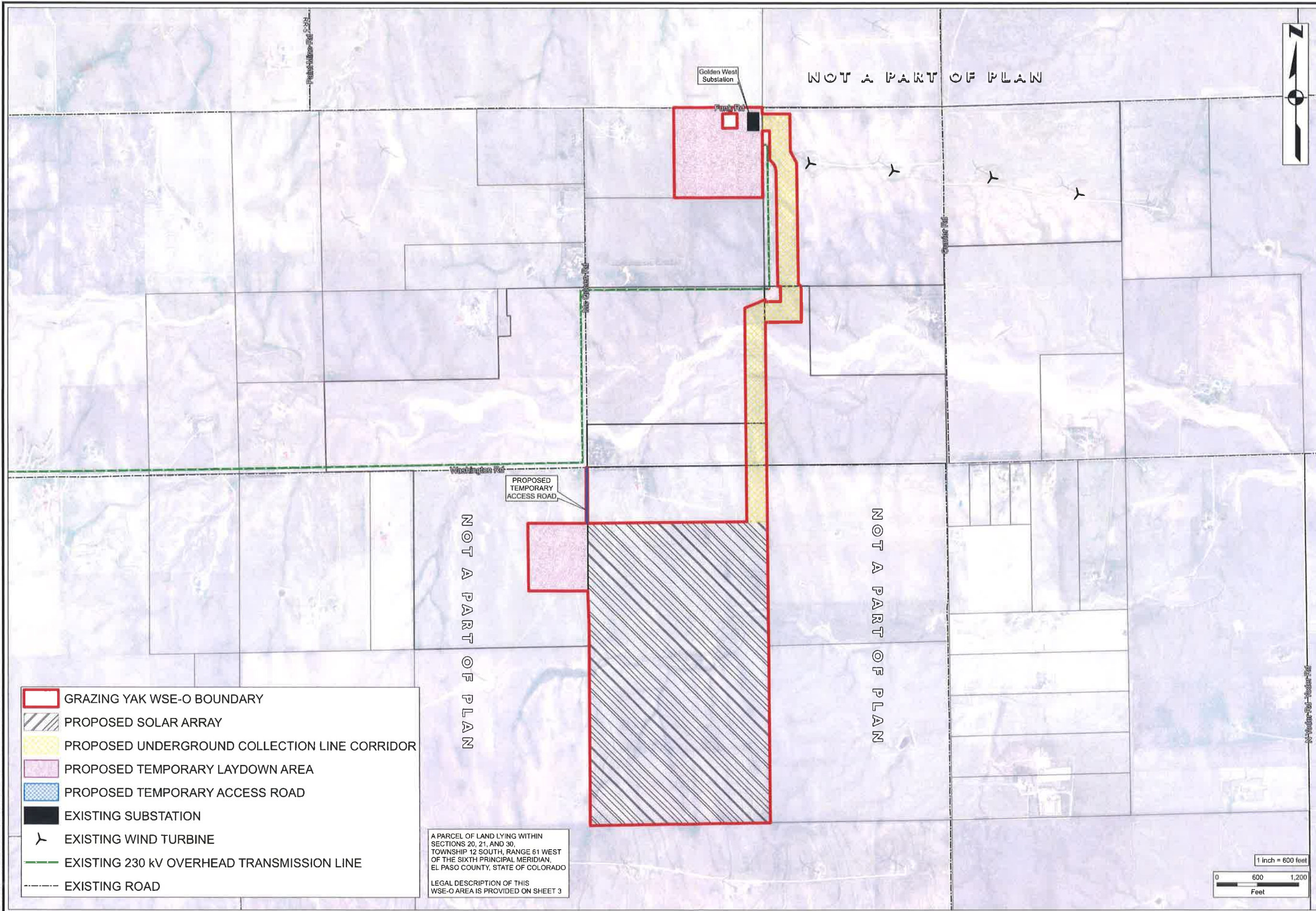


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NATURAL RESOURCES CONSULTING  
LAND SURVEYING  
303.703.4444  
1950 W. Littleton Blvd., Ste. 109  
Littleton, CO 80120

CALL SURVEYORS TO ADVISE YOU OF ANY EXISTING UTILITIES OR UNDERGROUND UTILITIES. CORE ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS HORIZONTAL AND VERTICAL. THE PORTING RIGHT IS THE BEST AVAILABLE INFORMATION. IT IS ADVISED THAT THE LOCATION OF ALL UTILITIES DEPENDS UPON THE COMPLETION OF ANY CONSTRUCTION ACTIVITIES.

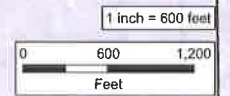
219047803 5/6/2019

PCD FILE NO. WSEO-18-002



- GRAZING YAK WSE-O BOUNDARY
- PROPOSED SOLAR ARRAY
- PROPOSED UNDERGROUND COLLECTION LINE CORRIDOR
- PROPOSED TEMPORARY LAYDOWN AREA
- PROPOSED TEMPORARY ACCESS ROAD
- EXISTING SUBSTATION
- ⤴ EXISTING WIND TURBINE
- EXISTING 230 kV OVERHEAD TRANSMISSION LINE
- EXISTING ROAD

A PARCEL OF LAND LYING WITHIN SECTIONS 20, 21, AND 30, TOWNSHIP 12 SOUTH, RANGE 61 WEST OF THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO  
 LEGAL DESCRIPTION OF THIS WSE-O AREA IS PROVIDED ON SHEET 3



NOT A PART OF PLAN

NOT A PART OF PLAN

NOT A PART OF PLAN

Golden West Substation

PROPOSED TEMPORARY ACCESS ROAD

Washington Rd

Punk Rd

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CALL: ALWAYS ADVANCE BEFORE YOU DIG. CALL 811 TO LOCATE UTILITIES OR UNDEGROUND MEMBER UTILITIES.  
 COME ASSESS NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL AND VERTICAL), THE EXISTING FROM THE BEST AVAILABLE INFORMATION. IT IS FURTHER THE LOCATION OF ALL UTILITIES NEAR TO THE CONSTRUCTION OF ANY CONSTRUCTION ACTIVITIES.

#	REVISION DESCRIPTION	DATE BY
1	1ST SUBMITTAL	10/01/18 DB
2	2ND SUBMITTAL	07/05/19 DB
3	3RD SUBMITTAL	02/11/19 DB

**GRAZING YAK SOLAR**  
 EL PASO COUNTY, COLORADO  
 WIND/SOLAR ENERGY OVERLAY PLAN  
 PROPOSED SOLAR GENERATION MAP

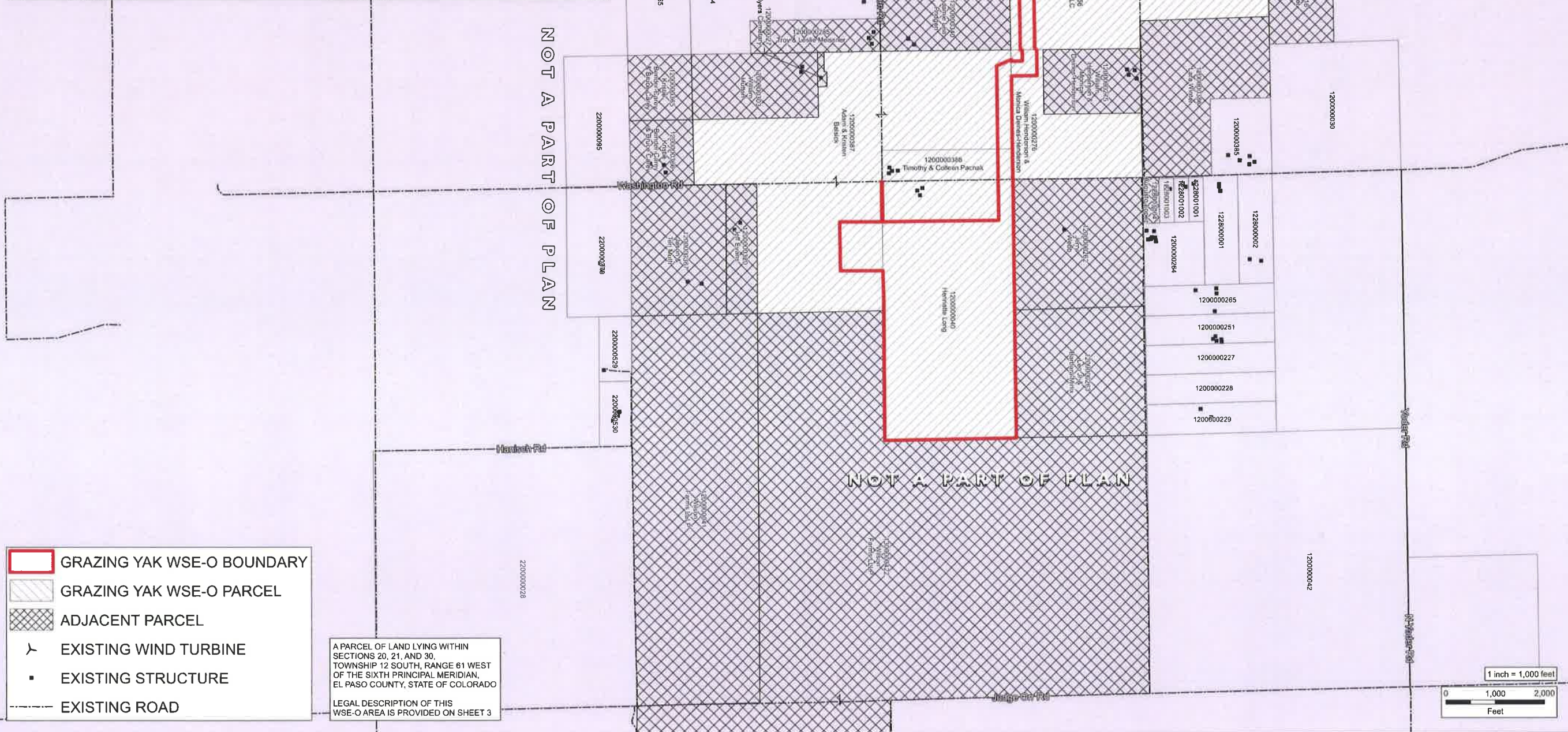
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 DRAWN BY: DB  
 CHECKED BY: DB

JOB NO.  
 18-082  
 SHEET  
 5 OF 10

219047803 5/6/2019

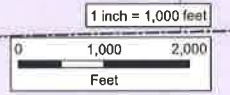
PCD FILE NO. WSEO-18-002

Facility	Parcel ID	Owner	Address	City	State	Zip	Acreage
Solar Array	1200000040	Henriette Long	27960 HATFIELD PT	CALHAN	CO	80808-9058	318.00
Collection Line	1200000387	Adam & Kristen Balsick	15640 N CALHAN HWY	CALHAN	CO	80808-9622	442.89
Collection Line	1200000056	BS Wind LLC	9391 ELBERT RD	PEYTON	CO	80831-8309	286.06
Collection Line	1200000276	William Henderson & Monica Deines-Henderson	10894 CURRIER RD	CALHAN	CO	80808-8962	100.00
Collection Line	1200000388	Timothy & Colleen Pachak	30836 WASHINGTON RD	CALHAN	CO	80808	35.11
Substation	1200000339	Golden West Power Partners LLC	700 UNIVERSE BLVD-PSX/JB	NORTH PALM BEACH	FL	33408	40.00
Adjacent	1200000262	Jerry Webb	3194 W NINE MILE RD	PENSACOLA	FL	32534-9476	160.00
Adjacent	1200000021	State of Colorado C/O Division of Purchasing	633 17TH ST STE 1520	DENVER	CO	80202-3609	640.00
Adjacent	1200000116	Gary Baker	5838 WISTERIA DR	COLORADO SPRINGS	CO	80919-4410	80.00
Adjacent	1200000263	Leo Jr & Barbara Minix	9555 CURRIER RD	CALHAN	CO	80808-8934	160.00
Adjacent	1200000275	William Henderson & Monica Deines-Henderson	10894 CURRIER RD	CALHAN	CO	80808-8962	60.00
Adjacent	1200000305	Robert J Haver C/O Robert D Haver	11899 PAINT MINE RD	CALHAN	CO	80808-9437	618.54
Adjacent	1200000328	Martha & Kenneth Antons	11425 MCQUEEN RD	CALHAN	CO	80808-8920	40.00
Adjacent	1200000330	Ronald & Richard Bremer & Debra Kneip	PO BOX 9172	COLORADO SPRINGS	CO	80932-0172	156.79
Adjacent	1200000340	Jamie Lea Pridgen	432 7TH ST	CALHAN	CO	80808-8661	80.00
Adjacent	1300000422	Wilson Farms LLLP	6350 LUTHER RD	COLORADO SPRINGS	CO	80927-9626	1,760.00
Adjacent	1228001004	Augusto Lopez	10021 SW 42ND ST	MIAMI	FL	33165-5040	6.12
Adjacent	1200000027	Myers Cemetery C/O Town Clerk	PO BOX 236	CALHAN	CO	80808-0236	2.00
Adjacent	1200000041	Wilson Farms LLLP	6350 LUTHER RD	COLORADO SPRINGS	CO	80927-9626	452.90
Adjacent	1200000303	William Hutton	10960 MCQUEEN RD	CALHAN	CO	80808-8920	77.43
Adjacent	1200000320	Jeff Evans	30225 WASHINGTON RD	CALHAN	CO	80808-8923	40.53
Adjacent	1200000365	Kristie Bender-Carey & Bruce Carey	19315 SHERWOOD TRL	MONUMENT	CO	80132-2859	35.46
Adjacent	1200000366	Kristie Bender-Carey & Bruce Carey	19315 SHERWOOD TRL	MONUMENT	CO	80132-2859	35.55
Adjacent	1200000367	Jason & Teri Muth	30103 WASHINGTON RD	CALHAN	CO	80808-8923	111.79
Adjacent	1200000285	Troy & Leslie Meissner	PO BOX 215	CALHAN	CO	80808-0215	40.00
Adjacent	1200000386	Lara Winter	30920 WASHINGTON RD	CALHAN	CO	80808-8919	149.86



- GRAZING YAK WSE-O BOUNDARY
- GRAZING YAK WSE-O PARCEL
- ADJACENT PARCEL
- EXISTING WIND TURBINE
- EXISTING STRUCTURE
- EXISTING ROAD

A PARCEL OF LAND LYING WITHIN SECTIONS 20, 21, AND 30, TOWNSHIP 12 SOUTH, RANGE 61 WEST OF THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO  
 LEGAL DESCRIPTION OF THIS WSE-O AREA IS PROVIDED ON SHEET 3



219047803 5/6/2019

PCD FILE NO. WSEO-18-002

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**CORE**  
 CONSULTANTS

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	05/06/19	DB
2	2ND SUBMITTAL	07/16/19	DB
3	3RD SUBMITTAL	07/16/19	DB

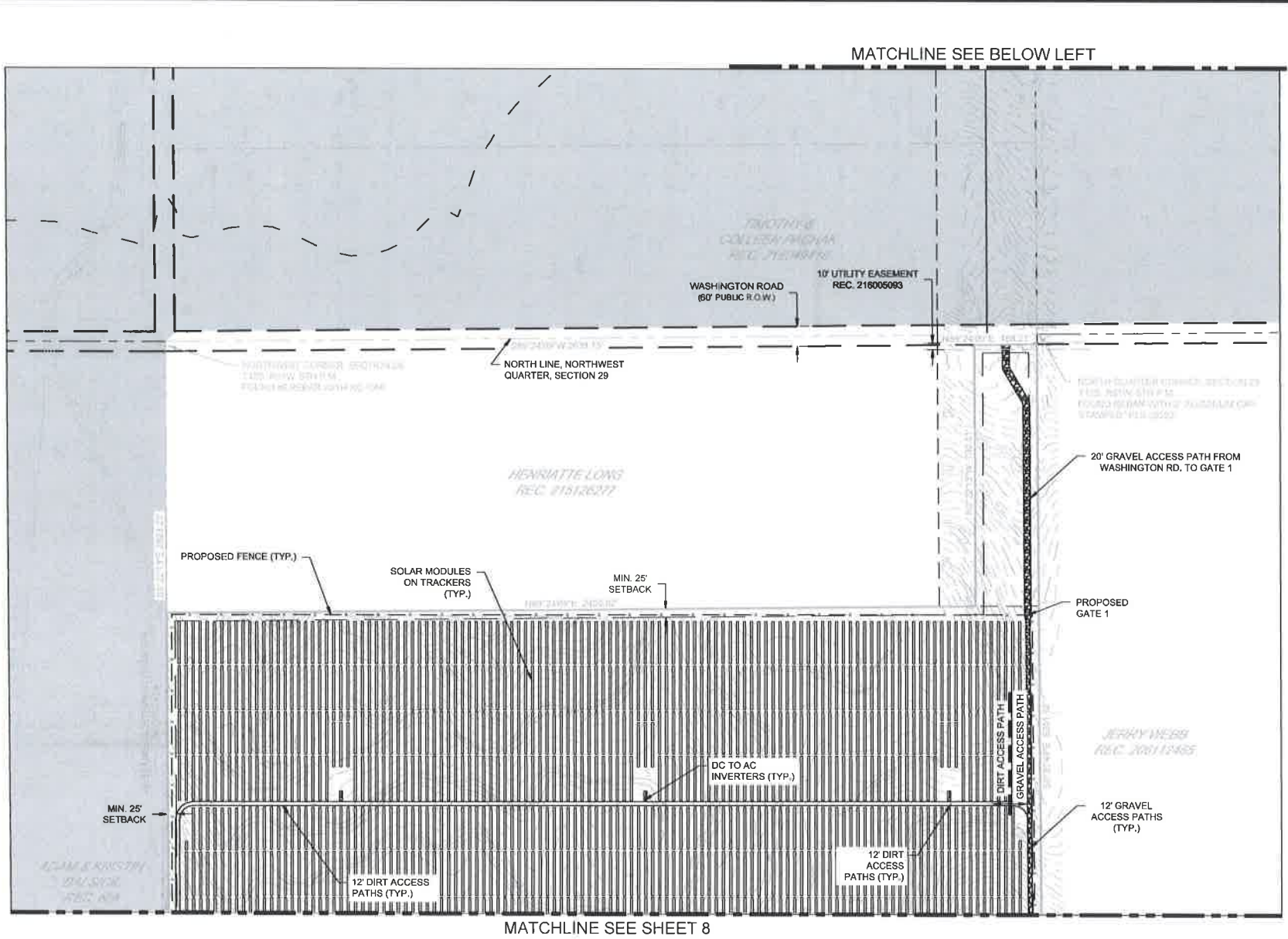
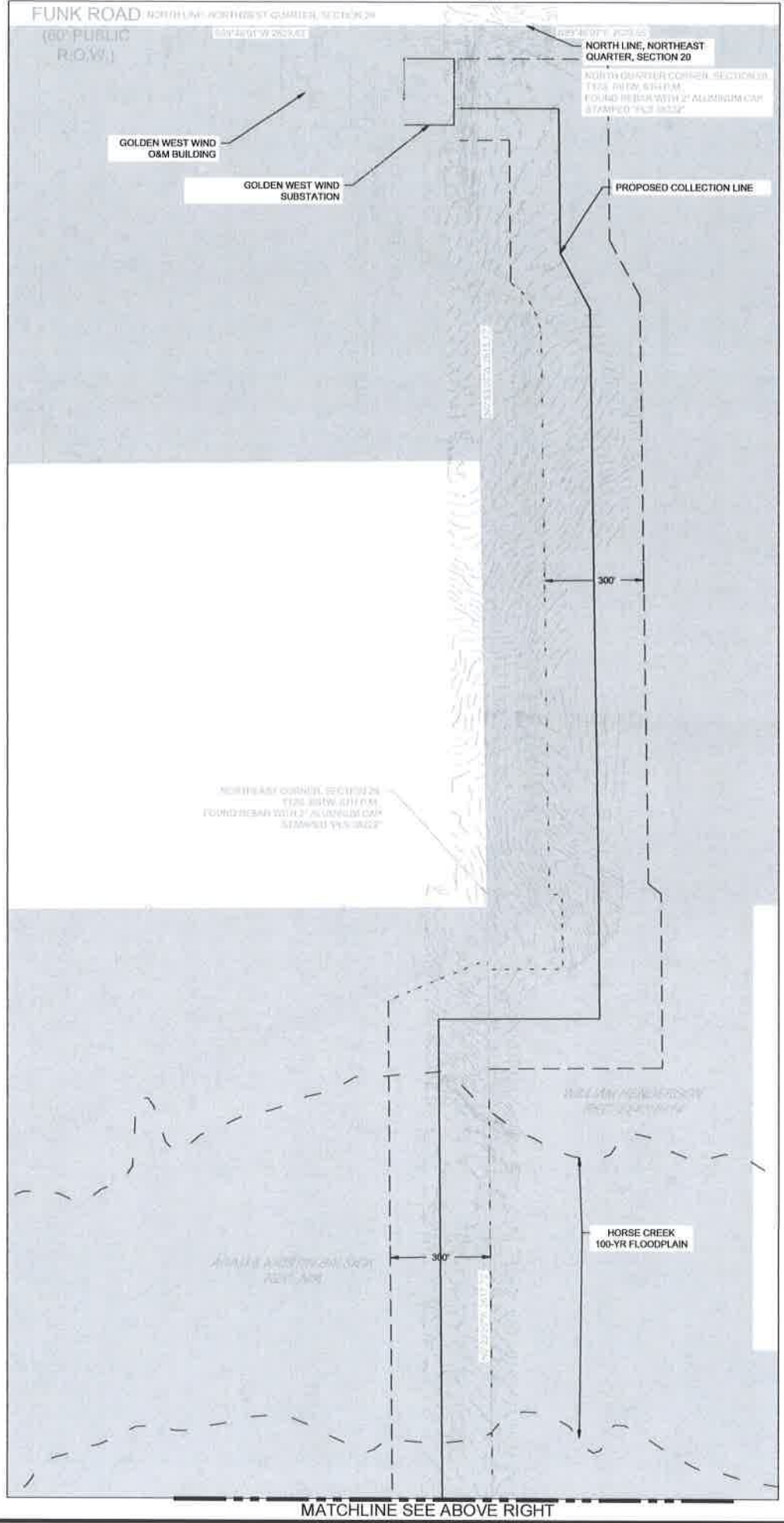
**DESIGNED BY: DB**  
**DRAWN BY: DB**  
**CHECKED BY: DB**

**JOB NO. 18-082**  
**SHEET 6 OF 10**

**GRAZING YAK SOLAR**  
 EL PASO COUNTY, COLORADO  
 WIND/SOLAR ENERGY OVERLAY PLAN  
 ADJACENT PARCEL MAP

CALL FOR THE LATEST REVISIONS TO THIS PLAN. THE INFORMATION ON THIS PLAN IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR ANY OTHER PURPOSE. THE INFORMATION ON THIS PLAN IS NOT TO BE USED FOR ANY OTHER PURPOSE. THE INFORMATION ON THIS PLAN IS NOT TO BE USED FOR ANY OTHER PURPOSE.





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**CORE CONSULTANTS**

CALL SUBMITTALS IN ADVANCE BEFORE YOU DO ANY CONSTRUCTION. THE LOCATION OF UTILITIES IS BASED ON THE RECORD DRAWINGS AND FIELD SURVEY. THE LOCATION OF ALL UTILITIES SHALL BE THE RESPONSIBILITY OF ANY CONTRACTOR ACTIVELY ENGAGED IN CONSTRUCTION.

DATE BY  
10/2/18 DB  
07/6/19 DB  
07/1/19 DB

#	REVISION DESCRIPTION
1	1ST SUBMITTAL
2	2ND SUBMITTAL
3	3RD SUBMITTAL

**GRAZING YAK SOLAR**  
EL PASO COUNTY, COLORADO  
WIND/SOLAR ENERGY OVERLAY PLAN  
SITE LAYOUT

DESIGNED BY: DB  
DRAWN BY: DB  
CHECKED BY: DB

JOB NO. 18-082  
SHEET 7 OF 10

PCD FILE NO. WSEO-18-002

NOTE:  
DIRT ACCESS PATHS SHALL BE CONSTRUCTED OF RECOMPACTED EARTH.

**LEGEND**

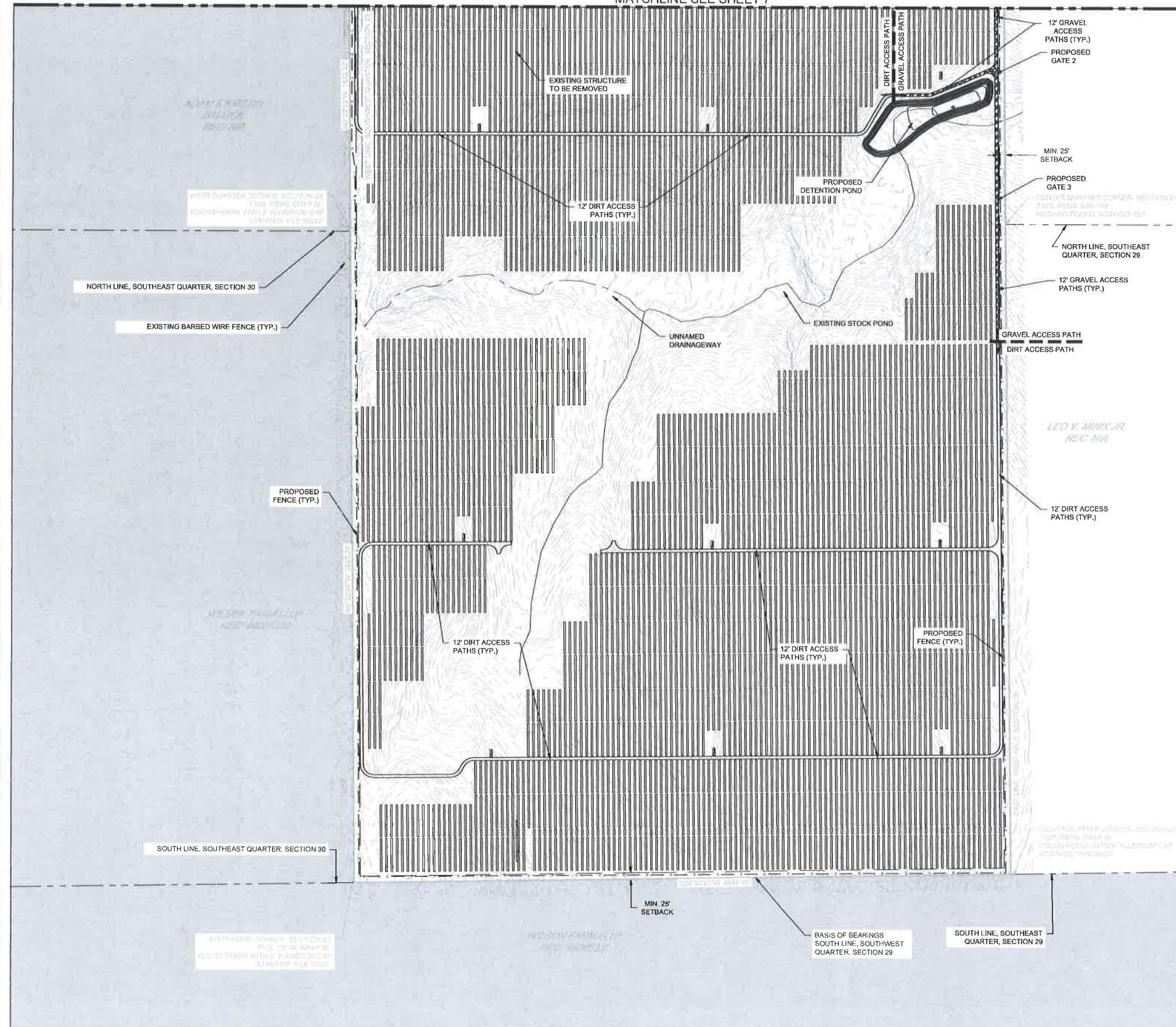
- EXISTING FENCE
- PROPOSED FENCE
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- SECTION LINE
- GRAVEL ACCESS ROAD
- DIRT ACCESS PATH
- SECTION CORNER
- INVERTER
- TRACK ARRAY
- 100 YR FLOODPLAIN
- GOLDEN WEST WSE-O

1 inch = 200 ft

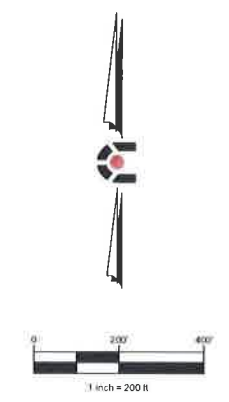
5/6/2019  
219047803

PROFESSIONAL ENGINEER  
43204  
02-19-19

MATCHLINE SEE SHEET 7



5/16/2019  
219047803



NOTE:  
DIRT ACCESS PATHS SHALL BE  
CONSTRUCTED OF RECOMPACTED EARTH

LEGEND

	EXISTING FENCE
	PROPOSED FENCE
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	SECTION LINE
	GRAVEL ACCESS ROAD
	DIRT ACCESS PATH
	SECTION CORNER
	INVERTER
	TRACK ARRAY
	100 YR FLOODPLAIN
	GOLDEN WEST WSE-O

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**CORE**  
CONSULTANTS

ALL SURVEY DATA IN ADVANCE BEFORE YOU  
USE IT FOR ANY OTHER PURPOSES IS THE  
PROPERTY OF CORE CONSULTANTS. CORE  
CONSULTANTS IS NOT RESPONSIBLE FOR ANY  
MISTAKES OR OMISSIONS IN THIS PLAN.  
THE LOCATION OF ALL UTILITIES SHALL BE  
DETERMINED BY ANOTHER METHOD.

DATE BY  
10/2/18 DB  
07/18/18 DB  
02/17/18 DB

#	REVISION DESCRIPTION
1	1ST SUBMITTAL
2	2ND SUBMITTAL
3	3RD SUBMITTAL

**GRAZING YAK SOLAR**  
EL PASO COUNTY, COLORADO  
WIND/SOLAR ENERGY OVERLAY PLAN  
SITE LAYOUT

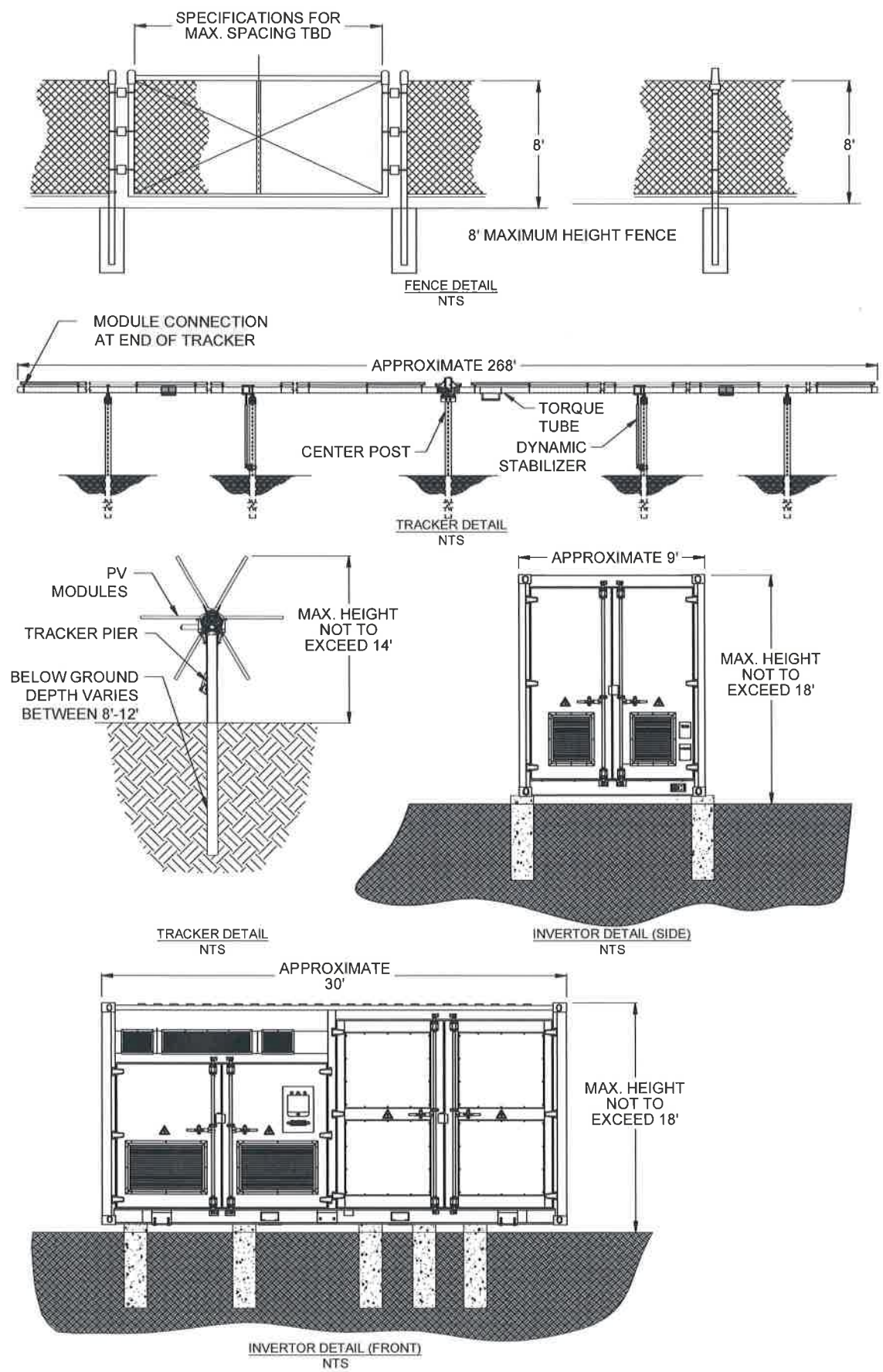
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CHECKED BY: DB

JOB NO.  
18-082

SHEET  
8 OF 10

PCD FILE NO. WSEO-18-002





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Bring Your Best To Us

**Eagle HC 72-V**  
385-405 Watt  
MONO CRYSTALLINE MODULE  
Positive power tolerance of 0~+3%

**PERC**

**KEY FEATURES**

- Innovative Solar Cells**  
First-innovative PERC next-cell technology
- High Efficiency**  
High efficiency conversion efficiency that is 20.5% due to lower resistance characteristic
- High Voltage**  
Cell-level REC 150V cell, to help reduce installation cost
- PID-Free**  
Warranty-free PID-free module
- Low-Light Performance**  
Advanced optical technology improves light absorption and reduces
- Strength and Durability**  
Certified for high snow (4500 kg) and wind (2400 km/h)

**LINEAR PERFORMANCE WARRANTY**  
10 Year Product Warranty • 25 Year Linear Power Warranty

JKM40SM-PERC-72H-V

UL LISTED, IEC, CE

**Engineering Drawings**

**Electrical Performance & Temperature Dependence**

**Mechanical Characteristics**

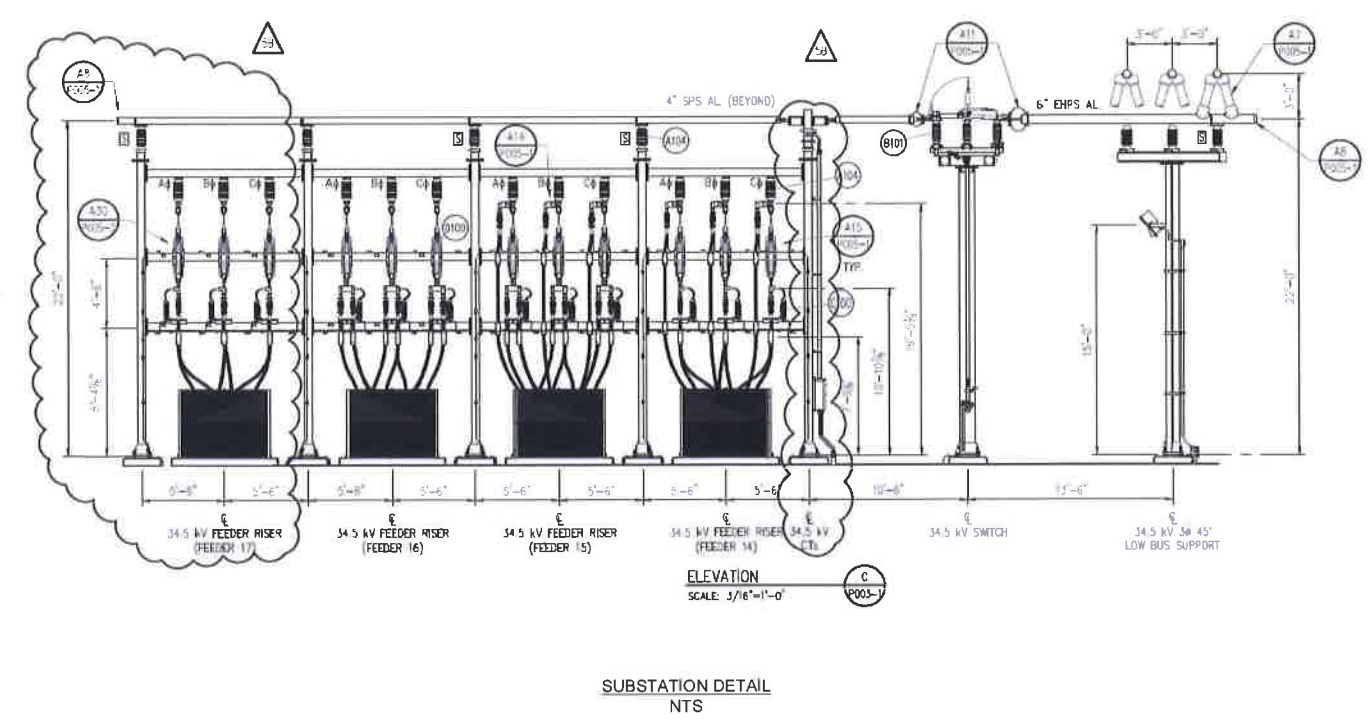
**Packaging Configuration**

**SPECIFICATIONS**

Module Type	JKM40SM-72H-V	JKM40SM-72H-V	JKM40SM-72H-V	JKM40SM-72H-V	JKM40SM-72H-V
	PERC	PERC	PERC	PERC	PERC
Maximum Power (P <sub>max</sub> )	385W	395W	395W	395W	395W
Maximum Power (Voltage) (V <sub>mp</sub> )	43.8V	43.8V	43.8V	43.8V	43.8V
Maximum Power (Current) (I <sub>mp</sub> )	8.8A	9.0A	9.0A	9.0A	9.0A
Open-circuit Voltage (V <sub>oc</sub> )	49.2V	49.2V	49.2V	49.2V	49.2V
Short-circuit Current (I <sub>sc</sub> )	9.45A	9.45A	9.45A	9.45A	9.45A
Module Efficiency (%)	19.5%	19.5%	19.5%	19.5%	19.5%
Operating Temperature (T <sub>op</sub> )	-40°C ~ +85°C				
Maximum System Voltage	1500VDC/1500VAC				
Maximum system type rating	PV				
Power coefficient	-0.45%				
Temperature coefficient of P <sub>max</sub>	-0.37%/°C				
Temperature coefficient of V <sub>oc</sub>	-0.34%/°C				
Temperature coefficient of I <sub>sc</sub>	0.04%/°C				
Maximum operating cell temperature (MOCIT)	85°C				

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM 1.5

NOCT: Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s



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**CORE CONSULTANTS**

**GRAZING YAK SAKAR**  
EL PASO COUNTY, COLORADO  
WIND/SOLAR ENERGY OVERLAY PLAN  
SITE DETAILS

DESIGNED BY: DB  
DRAWN BY: DB  
CHECKED BY: DB

JOB NO. 18-082  
SHEET 9 OF 10

5/16/2019  
219047803

PCD FILE NO. WSEO-18-002

CALL 24 HOURS IN ADVANCE BEFORE YOU  
DIG. OPERATE UNDER ANY OF THE  
CALL NUMBERS LISTED BELOW.  
CALL 811 BEFORE YOU DIG.  
CORE HAS NO RESPONSIBILITY FOR EXISTING UTILITY  
LOCATIONS, DEPTHS AND VERTICAL ALTIMETERS  
FROM THE BEST AVAILABLE INFORMATION. IT IS RECOMMENDED  
THAT YOU CONTACT ALL UTILITIES TO VERIFY  
THE LOCATION OF ALL UTILITIES BEFORE YOU  
COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

DATE BY	REVISION DESCRIPTION
10/21/18	1 1ST SUBMITTAL
07/17/19	2 2ND SUBMITTAL
02/17/19	3 3RD SUBMITTAL

**GRAZING YAK SOLAR**  
EL PASO COUNTY, COLORADO  
WIND/SOLAR ENERGY OVERLAY PLAN  
SITE DETAILS

DESIGNED BY:	DB
DRAWN BY:	DB
CHECKED BY:	DB
JOB NO.	18-082
SHEET	10 OF 10

**ISSUED FOR REVIEW**

**LEGEND**

- BASELINE MARKER
- BASELINE
- SUBSTATION FENCE
- ▼ MOD SWITCH OPERATOR
- ▽ MANUAL SWITCH OPERATOR
- ☐ STRUCTURE MOUNTED YARD LIGHTING
- ▲ INDICATES ELEVATION A
- INDICATES DRAWING ON WHICH ELEVATION APPEARS \*GWS-D-P004-1\*

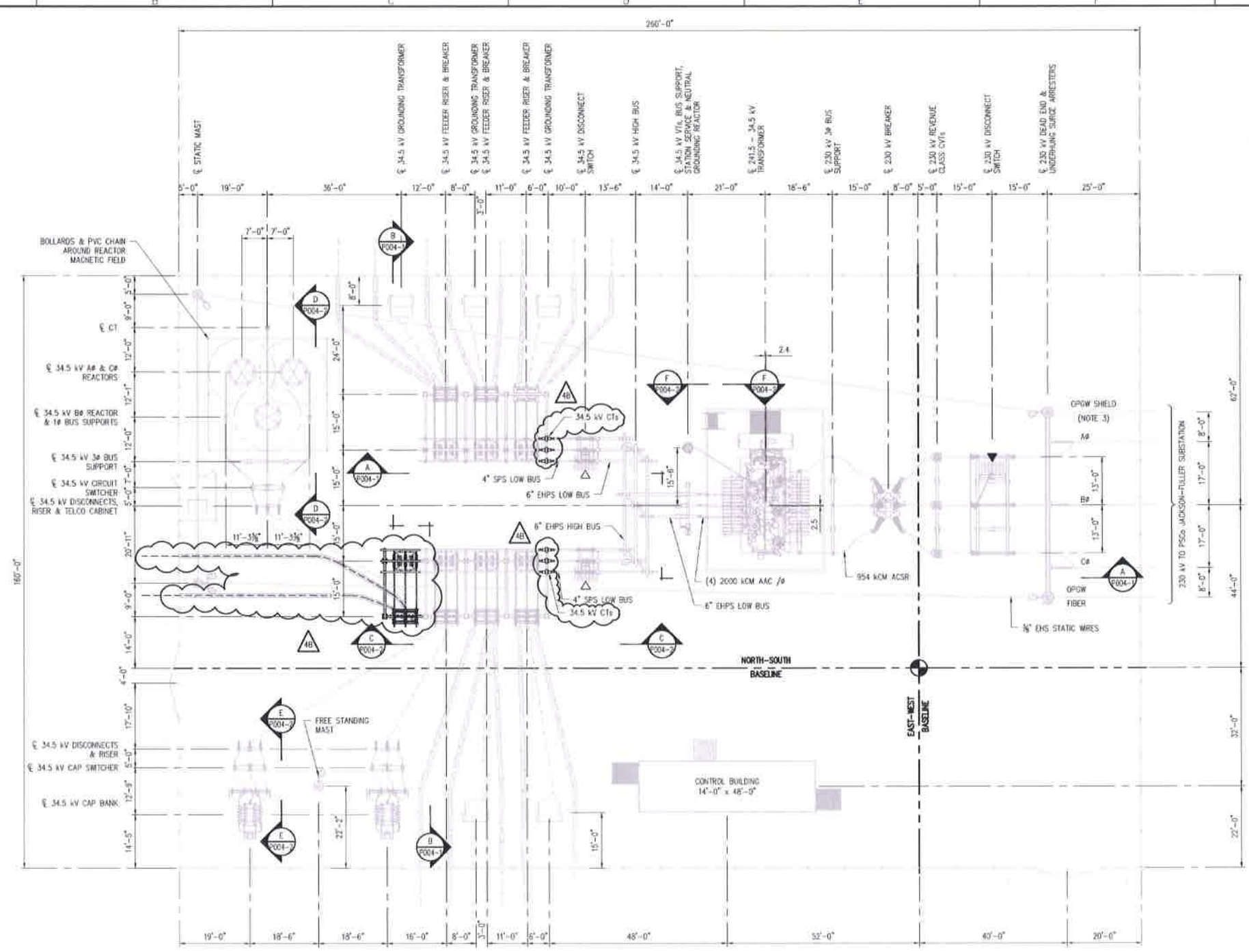
**STRUCTURE DESIGN CRITERIA**

230 kV CLEARANCE: (1050 kV BL)  
LIVE PARTS: MIN #=0-83"  
MIN #=100"  
TO GRADE: 16'-0" (BUS)  
28'-0" (DRIVEWAY)

34.5 kV CLEARANCE: (200 kV BL)  
LIVE PARTS: MIN #=0-13"  
MIN #=18"  
TO GRADE: 10'-0" (BUS)  
22'-0" (DRIVEWAY)

**NOTES**

- SEE DRAWING GWS-D-P001-1 FOR DRAWING LIST.
- SEE DRAWING GWS-B-2001 FOR BILL OF MATERIALS.
- OPOW ON EAST DEAD END LEG IS USED FOR SHIELDING PURPOSES ONLY.



FILE LOCATION: L:\NEXTERA\NEX-143 GRAZING YAK SOLAR ADDITION\00 CAED\110 WORKING\111 PHYSICAL\GWS-D-P003-1.DWG LAST SAVED BY: swancke 12/11/2018 9:51 AM PLOTTED BY: Steve M. Swanke 12/14/2018 3:52 PM Tab:GWS-D-P003-1

**ECI** ELECTRICAL CONSULTANTS, INC.  
Engineering with distinction

NO	REVISION	DATE	BY	APR
4B	SOLAR ADDITION - ISSUED FOR REVIEW	12/14/18	BSH	DLW
4A	CONCEPTUAL ADDITION	09/14/18	SMS	DLW
3	AS BUILT	11/09/15	RRR	RLM
2	GENERAL UPDATES	4/7/15	RRR	RLM
1	ADDED TELCO CABINET	3/8/15	RRR	RLM

**NEXTERA ENERGY**  
RESOURCES

ENGINEERING SECOND	DATE
DRAWN	SWANKE 7/24/14
DESIGNED	SHERWIN 7/24/14
CHECKED	RODACKER 2/13/15
APPROVED	MCCOMISH 2/26/15

**GOLDEN WEST POWER PARTNERS, LLC**  
230-34.5 kV SUBSTATION  
GENERAL ARRANGEMENT PLAN  
DWG. NAME: GWS-D-P003-1 REVISION NO.: 4B

SUBSTATION DETAIL  
NTS

5/6/2019  
219047803

PCD FILE NO. WSEO-18-002