

Special Use Permit Application North Valley Geothermal Solar Project

Submitted to Washoe County
November 8, 2022

ORIGINAL

Prepared for

ORNI 36, LLC
6140 Plumas Street
Reno, NV 89519

Prepared by



WOOD RODGERS

BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
1361 Corporate Blvd • Reno, NV 89502 • Tel: 775.823.4068 • www.woodrogers.com

Table of Contents

Section 1

- ❖ Washoe County Development Application
 - Owner Affidavit
 - Proof of Property Tax

Section 2

- ❖ Project Description
 - Executive Summary
 - Background
 - Project Location
 - Master Plan and Zoning
 - Project Request
 - Project Details
 - Traffic
 - Grading
 - Water, Sewer, Utilities
 - Landscaping & Screening
- ❖ Findings

Section 3

- ❖ Maps
 - Vicinity Map
 - Aerial Map
 - Master Plan Map
 - Zoning Map
 - Reduced Civil Site Plan

Map Pocket

- ❖ Site Plans (full size)

Section 1

Washoe County Development Application

Your entire application is a public record. If you have a concern about releasing personal information, please contact Planning and Building staff at 775.328.6100.

Project Information		Staff Assigned Case No.: _____	
Project Name: North Valley Geothermal Solar Project			
Project Description: Installation of a 5.5 MW photo voltaic solar field for energy production to support the adjacent geothermal facility previously approved by Washoe County.			
Project Address: 0 Unspecified Washoe County			
Project Area (acres or square feet): 323 acres			
Project Location (with point of reference to major cross streets AND area locator): Approximately 10 miles north of Pyramid Lake			
Assessor's Parcel No.(s):	Parcel Acreage:	Assessor's Parcel No.(s):	Parcel Acreage:
071-070-12	163	071-070-13	160
Indicate any previous Washoe County approvals associated with this application: Case No.(s). WSUP20-0013 (Ormat Geothermal)			
Applicant Information (attach additional sheets if necessary)			
Property Owner:		Professional Consultant:	
Name: Kosmos Company		Name: Wood Rodgers, Inc	
Address: 601 Union St. Ste 3900		Address: 1361 Corporate Blvd	
Seattle, WA	Zip: 98101	Reno, NV	Zip: 89502
Phone: 206-624-8111	Fax:	Phone: 775-823-5258	Fax:
Email: chris.kosmos@kosmosllc.com		Email: shuggins@woodrodgers.com	
Cell:	Other:	Cell:	Other:
Contact Person:		Contact Person: Stacie Huggins	
Applicant/Developer:		Other Persons to be Contacted:	
Name: Orni 36, LLC		Name:	
Address: 6140 Plumas Street		Address:	
Reno, NV	Zip: 89519		Zip:
Phone: 775-356-9029	Fax:	Phone:	Fax:
Email: efreese@ormat.com		Email:	
Cell:	Other:	Cell:	Other:
Contact Person: Erica Freese		Contact Person:	
For Office Use Only			
Date Received:	Initial:	Planning Area:	
County Commission District:		Master Plan Designation(s):	
CAB(s):		Regulatory Zoning(s):	

Special Use Permit Application Supplemental Information

(All required information may be separately attached)

1. What is the project being requested?

Installation of a 5.5 megawatt photo voltaic solar field for renewable energy production to support the adjacent geothermal facility. Specifically the project includes solar arrays, ancillary buildings, fencing, and roads (refer to Section 2 Project Description for more detailed information).

2. Provide a site plan with all existing and proposed structures (e.g. new structures, roadway improvements, utilities, sanitation, water supply, drainage, parking, signs, etc.)

Refer to Civil Plans in map pocket

3. What is the intended phasing schedule for the construction and completion of the project?

The project is anticipated to be constructed in a single phase and will take up to 6 months. The Applicant hopes to begin construction in March 2023.

4. What physical characteristics of your location and/or premises are especially suited to deal with the impacts and the intensity of your proposed use?

The project site is primarily undeveloped flat land immediately adjacent to a recently approved geothermal facility that is under construction. Based on the location and the area surrounding the site, impacts are anticipated to be minimal.

5. What are the anticipated beneficial aspects or affects your project will have on adjacent properties and the community?

The proposed solar project is immediately adjacent to a geothermal plant under construction and operated by the Applicant. As such, the proposed renewable energy production project (ie - solar) will provide a reliable source of power for the plant that requires minimal off-site infrastructure.

6. What are the anticipated negative impacts or affect your project will have on adjacent properties? How will you mitigate these impacts?

The proposed project is not anticipated to have negative impacts on adjacent properties given that the site is surrounded by vacant land or land under construction for the geothermal plant. Furthermore, the project has been designed to minimize impacts on the surrounding areas by limiting the footprint of the solar project and providing fencing around the project perimeter.

7. Provide specific information on landscaping, parking, type of signs and lighting, and all other code requirements pertinent to the type of use being purposed. Show and indicate these requirements on submitted drawings with the application.

Given the surrounding area and in keeping with the High Desert Area Plan, the applicant is seeking to vary from WC Code in terms of parking and landscaping. Refer to the Project Description for detailed discussion.

8. Are there any restrictive covenants, recorded conditions, or deed restrictions (CC&Rs) that apply to the area subject to the special use permit request? (If so, please attach a copy.)

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
------------------------------	--

9. Utilities:

a. Sewer Service	N/A
b. Electrical Service	Ormat
c. Telephone Service	AT&T
d. LPG or Natural Gas Service	N/A
e. Solid Waste Disposal Service	N/A
f. Cable Television Service	N/A
g. Water Service	Private Wells

For most uses, Washoe County Code, Chapter 110, Article 422, Water and Sewer Resource Requirements, requires the dedication of water rights to Washoe County. Please indicate the type and quantity of water rights you have available should dedication be required.

h. Permit #		acre-feet per year	
i. Certificate #		acre-feet per year	
j. Surface Claim #		acre-feet per year	
k. Other #		acre-feet per year	

Title of those rights (as filed with the State Engineer in the Division of Water Resources of the Department of Conservation and Natural Resources).

--

10. Community Services (provided and nearest facility):

a. Fire Station	Washoe County Fire Station 242; 8.5 miles north
b. Health Care Facility	Banner Health Center; 78 miles south (Fernley)
c. Elementary School	N/A
d. Middle School	N/A
e. High School	N/A
f. Parks	N/A
g. Library	N/A
h. Citifare Bus Stop	N/A

**Special Use Permit Application
for Grading
Supplemental Information**
(All required information may be separately attached)

1. What is the purpose of the grading?

Installation of access roads for equipment maintenance and emergency access.

2. How many cubic yards of material are you proposing to excavate on site?

Little to no excavation is proposed as part of this project.

3. How many square feet of surface of the property are you disturbing?

Approximately 202,500 square feet is proposed to be disturbed.

4. How many cubic yards of material are you exporting or importing? If none, how are you managing to balance the work on-site?

Earthwork associated with construction of the solar fields will not require import or export. However, an estimated 4,200 CY of Type II class B aggregate base will be imported to construct the IFC compliant access roads.

5. Is it possible to develop your property without surpassing the grading thresholds requiring a Special Use Permit? (Explain fully your answer.)

It is not possible to develop the property without surpassing the grading threshold due to the required roadways that are intended for equipment installation, equipment maintenance, and emergency access.

6. Has any portion of the grading shown on the plan been done previously? (If yes, explain the circumstances, the year the work was done, and who completed the work.)

No portion of the grading shown on the attached civil plans has been done.

7. Have you shown all areas on your site plan that are proposed to be disturbed by grading? (If no, explain your answer.)

Yes, all areas proposed to be disturbed are shown on the attached civil plans.

8. Can the disturbed area be seen from off-site? If yes, from which directions and which properties or roadways?

The site is very flat and can likely be seen from all directions; however, the site is planned to be screened by fencing and is also adjacent to property currently being leased by the Applicant for a geothermal plant.

9. Could neighboring properties also be served by the proposed access/grading requested (i.e. if you are creating a driveway, would it be used for access to additional neighboring properties)?

The proposed project will not serve anyone other than the Applicant.

10. What is the slope (horizontal/vertical) of the cut and fill areas proposed to be? What methods will be used to prevent erosion until the revegetation is established?

Slopes will not exceed 3:1. As shown on the plans, the only slopes planned are catch slopes on the sides of the roadway(s). Silt fencing, wind erosion and dust control (water trucks) and rock filter berms will be used if sufficient vegetation and surface rocky material is present (refer to sheet C0.2 for reference).

11. Are you planning any berms?

Yes	No <input checked="" type="checkbox"/>	If yes, how tall is the berm at its highest?
-----	--	--

12. If your property slopes and you are leveling a pad for a building, are retaining walls going to be required? If so, how high will the walls be and what is their construction (i.e. rockery, concrete, timber, manufactured block)?

N/A

13. What are you proposing for visual mitigation of the work?

The entire project site will be fenced with a 6 foot tall fence with 3 strand barb wire on top (refer to Civil Detail sheet).

14. Will the grading proposed require removal of any trees? If so, what species, how many and of what size?

N/A

15. What type of revegetation seed mix are you planning to use and how many pounds per acre do you intend to broadcast? Will you use mulch and, if so, what type?

Only incidental disturbance will require reseeding. Disturbance area shown on the plans consists of the roadway and a nominal area associated with the piles and neither are planned to be revegetated.

16. How are you providing temporary irrigation to the disturbed area?

Temporary irrigation will not be provided to the disturbed area; however, water trucks will be available to control dust during construction.

17. Have you reviewed the revegetation plan with the Washoe Storey Conservation District? If yes, have you incorporated their suggestions?

The revegetation plan has not been reviewed with the WSCD at this time.

18. Are there any restrictive covenants, recorded conditions, or deed restrictions (CC&Rs) that may prohibit the requested grading?

Yes	No <input checked="" type="checkbox"/>	If yes, please attach a copy.
-----	--	-------------------------------

Section 2

Project Description

Executive Summary

Applicant:	ORNI 36, LLC
APN Numbers:	071-070-12 and 071-070-13
Request:	A request has been made for a Special Use Permit for a Renewable Energy Production project that includes a 5.5-megawatt solar field.
Project Site:	The Project Site consists of two parcels (APNs 071-070-12 and 071-070-13) located west of State Route 447, approximately 10 miles north of Pyramid Lake, and approximately 19 miles south of Gerlach, NV.
Project Area:	The Project is proposed on 50.18 acres of the 323 acre Project Site.
Master Plan:	Rural (R)
Current Zoning:	General Rural (GR)

Background

Currently, the Project Site is primarily undeveloped, flat land immediately adjacent to a recently approved geothermal facility that is under construction. There are no buildings or structures on the subject property. Much of the landcover onsite is low-lying, native plants, which includes shrubs and grasses.

Project Location

The Washoe County Assessor's office identifies the Project Site as Assessor Parcel Numbers (APNs) 071-070-12 and 071-070-13. The parcels are located west of State Route 447, approximately 19 miles south of Gerlach, NV, and approximately 10 miles north of Pyramid Lake. The proposed Project is planned immediately adjacent to a geothermal plant that is under construction and operated by the Applicant. *(Refer to Vicinity Map and Site Aerial in Section 3 of this submittal packet)*

Master Plan and Zoning

The Project Site spans two parcels which total approximately 323 acres, however, the specific Project Area planned to be developed is limited to 50.18 acres. Both parcels have a Master Plan designation of Rural (R) and a Zoning designation of General Rural (GR) and are located within the High Desert Area Plan. *(Refer to Existing Master Plan Map and Existing Zoning Map in Section 3 of this submittal packet).*

Project Request

Included with this application is a Special Use Permit (SUP) to allow for development of a Renewable Energy Production project which is identified as Permitted with a SUP within the GR zoning designation.

It is worth noting that because the Project produces greater than 5 MW of power, it is considered a "Project of Regional Significance" which requires review by the Truckee Meadows Regional Planning Agency.

Project Details

The proposed project consists of a 5.5-megawatt (MW) solar photovoltaic (PV) generation facility on approximately 50.18± acres of private land that is relatively flat. The Project includes three solar fields, ancillary

buildings, and 20-foot wide all-weather access roads all of which will be enclosed by a 6-foot tall chain link fence with three strand barb wire on top for security purposes.

The proposed solar field will consist of 13,041 PV panels, installed in strings (27 panels per string). Based on the design and number of panels proposed, the total field output is estimated at 5.5MW. Generally, the panel height will be approximately 4.75 ft above ground, unless the panels are fully vertical, then they will be 8.5 ft above ground. The power will be used to supply the in-house loads of the adjacent geothermal plant.

In terms of access, the Project includes a new 20-foot wide private access road planned in the southeast corner of the Project Site, near the geothermal plant, which will serve as the main point of ingress/egress. The access road will include a 24-foot wide sliding access gate with a knock box for emergency fire access. A secondary access with two 12-foot wide swinging access gates is also provided in the northwest corner of the Project Area. Once inside the fenced area, on-site roads will be graded dirt roads or hardened roads up to 20 feet wide (*refer to Detail 3 on Sheet C3.0 of Civil Plans in Map Pocket*).

In terms of ancillary buildings, the Project includes an area in the southeast corner of the Project Site that will primarily serve as an area for vehicle, materials and/or equipment storage. While there may be some parking of vehicles in these areas, no formal parking areas are included. As a part of the SUP, the Applicant is requesting a waiver to eliminate requirements associated with parking and maneuvering areas being paved. The Applicant is requesting that this requirement be waived since paved parking is generally intended for the urban environment and the location of the solar field is remote and does not include services like storm water utilities including curb and gutter which are generally included with the installation of pavement.

The Project is expected to be constructed in a single phase over 5 months with construction anticipated to start in March 2023.

Traffic

Based on the type of use proposed, traffic is anticipated to be minimal once construction is complete. During construction, approximately 40 workers will be on site, six days a week for approximately 80 days. Following construction, traffic associated with the solar project will be limited to monthly (or weekly) visits by the Applicant. As noted previously, because these roads will only be used by authorized employees of the Applicant, traffic impacts on the surrounding area are anticipated to be minimal.

Grading

Grading activities include clearing of boulders and rocks for solar arrays, ancillary buildings and new roads. Total project disturbance is estimated to be approximately 202,550 square feet. Inside the fenced area, the site will be graded to create a level area for the solar arrays to be installed. Footings will be placed as singular poles with base stabilization. Where grading occurs, it will be revegetated in accordance with an Truckee Meadows Fire Protection District and/or BLM standards.

Water, Sewer, & Utilities

The proposed project does not require the use of water (except for dust control during construction), sewer, or other utility services.

Landscaping and Screening

The proposed Project does not include any formal landscaping in accordance with Washoe County Development Code Section 110.412.10 which states that uses classified under the Energy Production, Renewable use type are exempt from landscaping requirements, except for parking and loading areas associated with these uses, and when located at least one mile from a residential dwelling.

As designed, the Project does not include any formal parking or loading areas so no landscaping has been provided. It is worth mentioning that proposing any sort of landscaping on the site would have a negative visual impact on the area and take away from the character of the area since the native vegetation does not include plant types typically found in more formal landscaping, including the use of trees. While no formal landscaping is proposed, the Applicant will meet Washoe County (and BLM) standards for revegetation and stabilization of disturbed areas.

As noted previously, the Applicant is proposing to fence the Project Area with a six-foot tall chain-link fence with 3 strand barb wire on top as shown on the Civil Detail sheet (refer to Civil Plan Set in Map Pocket).

Neighborhood Meeting

The Applicant hosted a neighborhood meeting virtually on October 25, 2022. Notices were sent to 41 property owners within the vicinity. Two people participated in the meeting and asked questions about impacts to water in the area and whether the project would be visible to the public. All information was uploaded to the WC HUB site following the meeting.

Special Use Permit Findings

Below is a summary of the required findings for a special use permit, the Planning Commission, Board of Adjustment, or a hearing examiner shall find that all of the following are true:

Finding (a) Consistency. The proposed use is consistent with the action programs, policies, standards and maps of the Master Plan and the applicable area plan;

Response: The Project Site has a Master Plan designation of Rural (R) and General Rural (GR) base zoning. In accordance with Washoe County Development Code, the proposed use of Energy Production, Renewable is permitted in this zoning designation with approval of a Special Use Permit. The use is appropriate for the site and has been designed to meet all applicable goals and policies of the Washoe County Master Plan, the High Desert Area Plan and the High Desert Character Management Area.

Finding (b) Improvements. Adequate utilities, roadway improvements, sanitation, water supply, drainage, and other necessary facilities have been provided, the proposed improvements are properly related to existing and proposed roadways, and an adequate public facilities determination has been made in accordance with Division Seven;

Response: The proposed Project has been designed in accordance with all applicable codes and regulations. All necessary facilities will be provided on site, including a new 20-foot wide access road and on-site roads to serve the project. Given the type of use proposed, the Project is not anticipated to be a large traffic generator that will require additional offsite improvements.

Finding (c) Site Suitability. The site is physically suitable for the type of development and for the intensity of development;

Response: The Project Site is primarily surrounded by undeveloped land with the exception of a previously approved geothermal plant that is under construction. Given that the Project Site is surrounded by property currently being leased by the Applicant and relatively flat in terms of topography, the site is physically suitable for the proposed use.

Finding (d) Issuance Not Detrimental. Issuance of the permit will not be significantly detrimental to the public health, safety or welfare; injurious to the property or improvements of adjacent properties; or detrimental to the character of the surrounding area; and

Response: The proposed renewable energy production (ie – solar field) project will not be detrimental to the public health, safety, or welfare or to the character of the surrounding area. The Project is located on private property adjacent to a geothermal plant (operated by the Applicant) that is under construction. As noted previously, all aspects of the proposed Project will be screened by fencing and not visible to the general public.

Finding (e) Effect on a Military Installation. Issuance of the permit will not have a detrimental effect on the location, purpose or mission of the military installation.

Response: Not applicable to the Project.

Section 3



Vicinity Map
North Valley Geothermal Solar Site
 November 2022

WOOD RODGERS
 BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
 1361 Corporate Boulevard Tel: 775.823.4068
 Reno, NV 89502 Fax: 775.823.4066

071-070-10
KOSMOS
COMPANY

071-070-18
KOSMOS
COMPANY

071-070-19
US GEOTHERMAL
INC



071-070-12
KOSMOS
COMPANY

071-070-13
KOSMOS
COMPANY

071-030-06
UNITED STATES
OF AMERICA

Maxar, Microsoft, Esri Community Maps Contributors, California State Parks, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

Legend

-  Project Area
-  Parcels



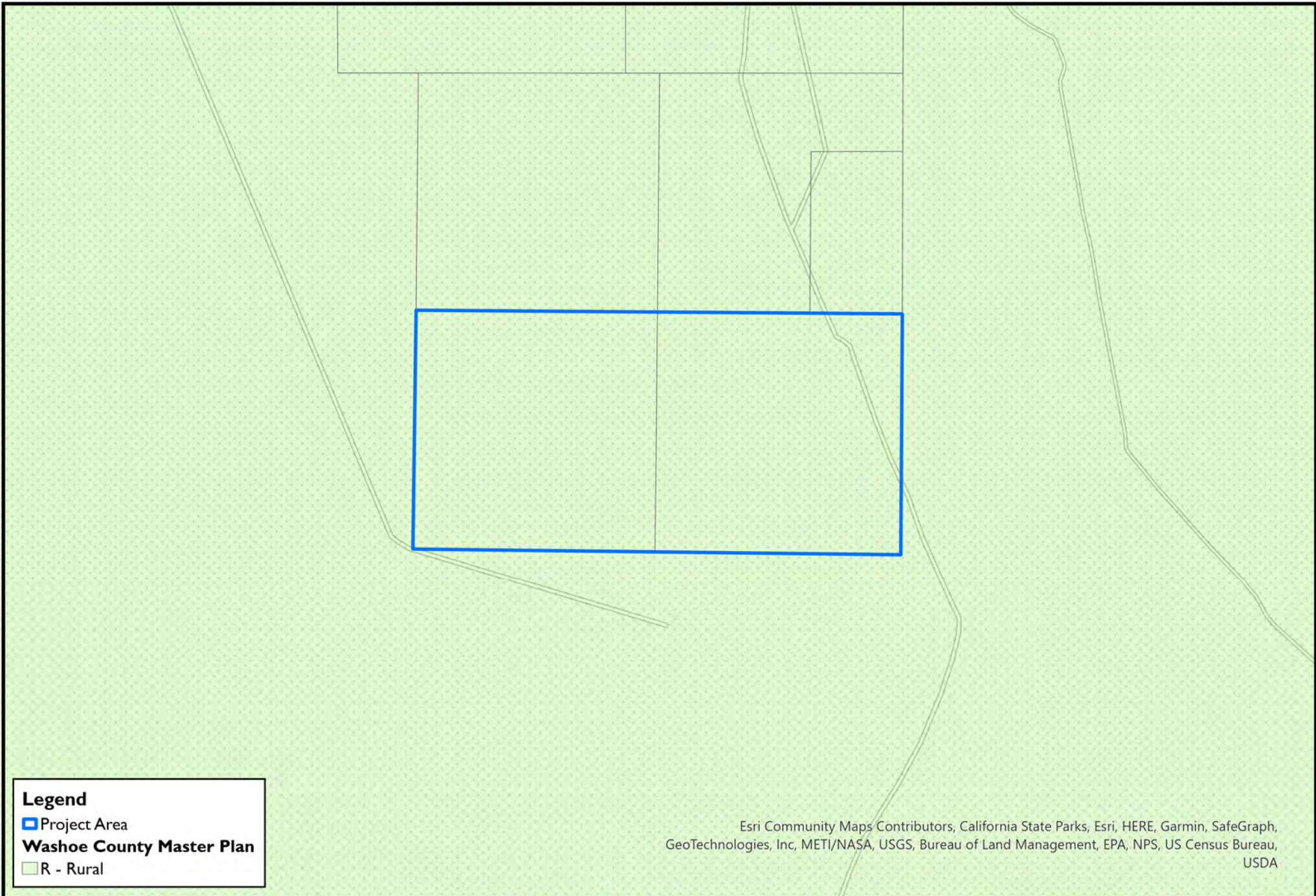
Aerial Map

North Valley Geothermal Solar Site

November 2022



WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
1361 Corporate Boulevard Tel: 775.823.4068
Reno, NV 89502 Fax: 775.823.4066



Legend
■ Project Area
Washoe County Master Plan
■ R - Rural

Esri Community Maps Contributors, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

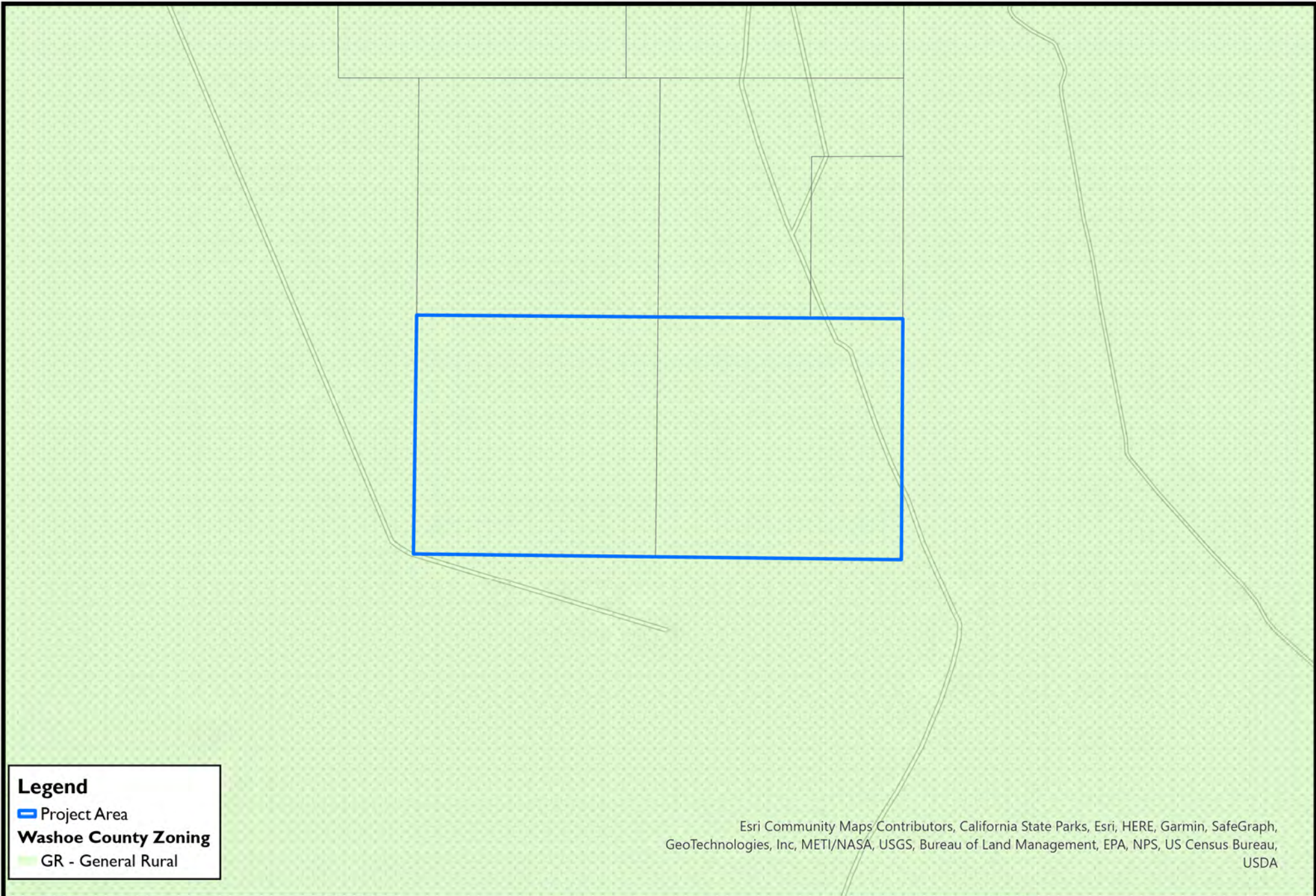
0 500 1,000
Feet

Master Plan



North Valley Geothermal Solar Site

November 2022

WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
1361 Corporate Boulevard Reno, NV 89502
Tel: 775.823.4068 Fax: 775.823.4066



Legend

-  Project Area
- Washoe County Zoning**
-  GR - General Rural

Esri Community Maps Contributors, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA



Zoning
North Valley Geothermal Solar Site
November 2022



WOOD RODGERS
 BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
 1361 Corporate Boulevard Tel: 775.823.4068
 Reno, NV 89502 Fax: 775.823.4066

NORTH VALLEY SOLAR PLAN CIVIL PLANS

LAND INFORMATION

COUNTY: WASHOE COUNTY, NEVADA
 ASSESSORS' PARCELS: 071-070-12, 071-070-13
 DESCRIPTION: PORTIONS OF SECTIONS 16 AND 21, T29N R23E MDM

PROJECT AUTHORITY

APPLICANT
 ORMAT NEVADA, INC
 WADE POSTEN, PROJECT MANAGER
 6140 PLUMAS STREET, STE 200
 RENO, NV 89519
 (775) 846-8937
 wposten@ormat.com

CIVIL ENGINEER
 ROBISON ENGINEERING COMPANY, INC
 NATHAN EARL ROBISON, PE
 846 VICTORIAN AVE. SUITE 20
 SPARKS, NV 89436
 (775) 852-2251
 (775) 852-9736 FAX
 nathan@robisoneng.com

SHEET INDEX

C0.0 TITLE PAGE
 C0.1 EXISTING CONDITIONS AND TOPOGRAPHY
 C0.2 EROSION AND SEDIMENT CONTROL PLAN
 C1.0 SITE PLAN
 C1.1 HORIZONTAL CONTROL PLAN
 C2.0 GRADING PLAN
 C3.0 CIVIL DETAILS AND SPECIFICATIONS

PROJECT NOTES AND SPECIFICATIONS:

- GENERAL**
- ALL WORK, PERSONNEL, MATERIALS & EQUIPMENT SHALL CONFORM TO LOCAL GOVERNING CODES, OSHA REQUIREMENTS, AND PROFESSIONAL STANDARDS OF WORKMANSHIP, AND THE STANDARD AND SITE-SPECIFIC SPECIFICATIONS OF ORMAT NEVADA, INC OR ITS REPRESENTATIVE.
 - NO MAJOR PHASE OF CONSTRUCTION (GROUNDBREAKING, CONCRETE POUR, BURIAL OF UNDERGROUND COMPONENTS, ETC) MAY BE PERFORMED WITHOUT WRITTEN APPROVAL OF ORMAT PROJECT MANAGER WADE POSTEN OR OTHER DESIGNATED RESPONSIBLE INDIVIDUAL WITHIN ORMAT NEVADA, INC. (EMAIL OR TEXT APPROVAL WITH CLEAR SCOPE MAY BE ACCEPTABLE)
 - SUBMITTALS: THE FOLLOWING SHALL BE PROVIDED TO ORMAT NEVADA AND ROBISON ENGINEERING FOR APPROVAL PRIOR TO THEIR USE IN THIS PROJECT.
 - IMPORT FILL MATERIALS, INCLUDING BACKFILL AND FINAL GRADE SURFACE AGGREGATES
 - PORTLAND CEMENT CONCRETE
 - INSPECTION AND TESTING: ORMAT SHALL PROVIDE CONSTRUCTION OBSERVATION AND CONTRACTOR SHALL PROVIDE OPPORTUNITY FOR INSPECTION, AS-BUILT SURVEY, ETC AT ALL TIMES DURING THE PROJECT.

- DESIGN CRITERIA**
- SEE ORMAT PROJECT MANUAL, INCLUDING BUT NOT LIMITED TO THE FOLLOWING SPECIFICATIONS:
 - 7,000.SP.001.2 - SITE PREP AND GRADING
 - 7,000.SP.002.2 - TRENCHING BACKFILL AND COMPACTION
 - 7,000.SP.004.2 - SEEDING AND SITE RESTORATION
 - NATIVE SITE SOIL AFTER GRUBBING AND MASS GRADING IS EXPECTED TO BE APPROPRIATE FOR THE FINAL SUBGRADE OF PLANT AND ROADS. SURFACE COURSE (4" MINIMUM) SHALL CONSIST OF CLEAN-SOURCED GRAVEL CONFORMING TO THE FOLLOWING GRADATION:
 - MAX SIZE: 1.5"
 - 50% PASSING 1" SCREEN
 - <15% PASSING #200 SCREEN
 - IF CUT/FILL PLANT SITE MATERIAL IS NOT GRANULAR SAND AND GRAVEL, CONTACT ENGINEER
 - SEE ADDITIONAL NOTES AND SPECIFICATIONS SHEET CD1.

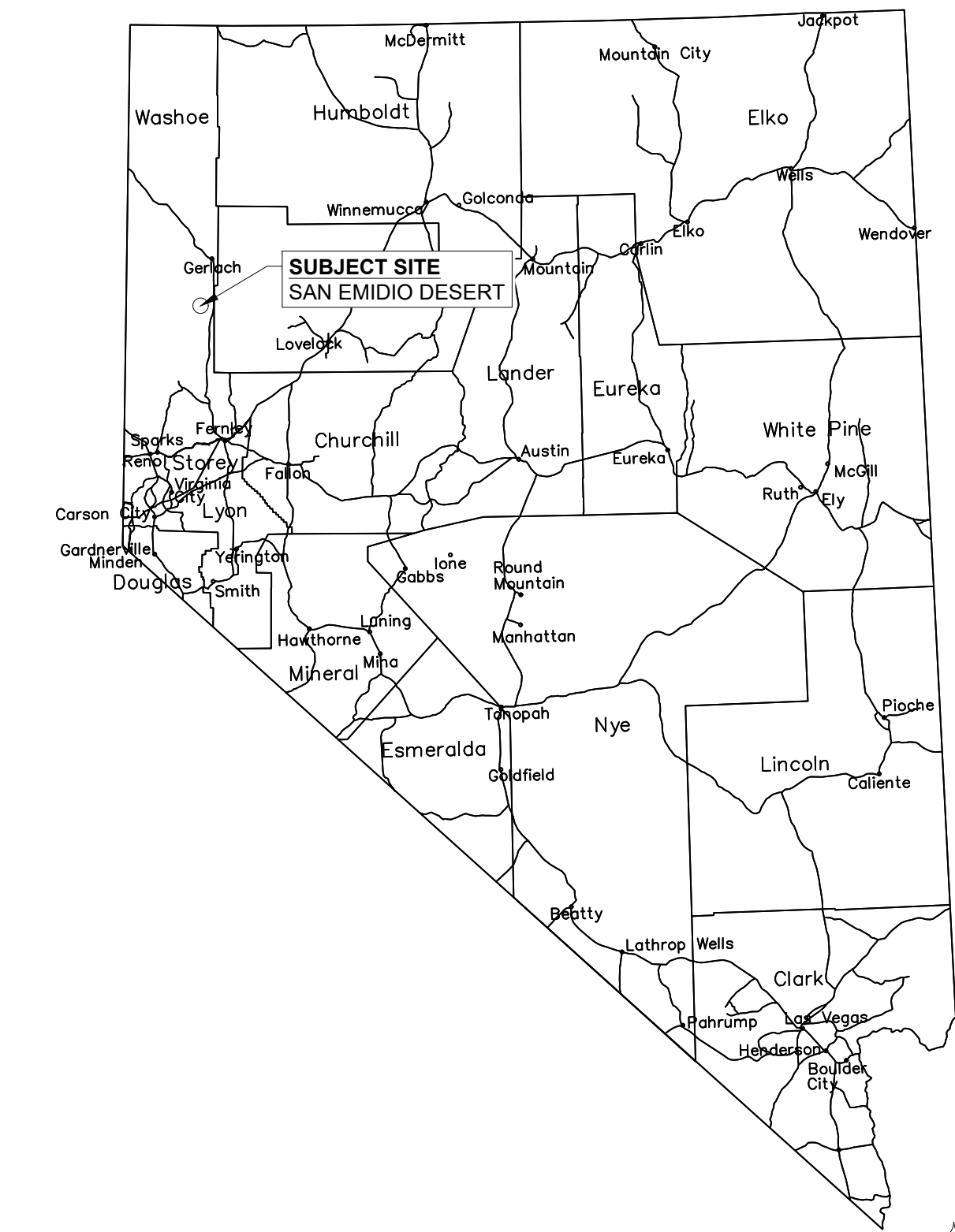
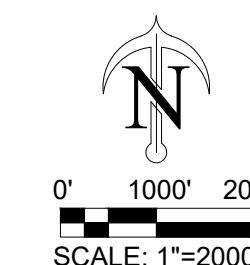
- GENERAL NOTES**
- THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH ACCEPTED ENGINEERING PROCEDURES AND GUIDELINES, AND ARE BELIEVED TO BE IN SUBSTANTIAL COMPLIANCE WITH APPLICABLE STATUTES, AND ORDINANCES OR STANDARDS SPECIFIED BY THE PERMITTING JURISDICTION. IN THE EVENT OF A CONFLICT BETWEEN ANY PORTION OF THESE PLANS AND PERMITTING STANDARDS, PROMPTLY NOTIFY ENGINEER, OR ADOPT THE MORE CONSERVATIVE STANDARD CONSISTENT WITH THE INTENT OF THE PLANS. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR BEARS SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY.
 - IF THE CONTRACTOR(S) OBSERVES ANY CONDITION ON THE SITE WHICH CONFLICTS WITH THE INFORMATION SHOWN HEREON, THEY SHALL CONTACT ROBISON ENGINEERING AT 775-852-2251 FOR RESOLUTION.
 - THE ENGINEER SHALL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE ENGINEER.
 - IN THE EVENT ELECTRONIC FILES (CAD, ETC) ARE PROVIDED BY ROBISON ENGINEERING, AN INDEMNIFICATION AGREEMENT IS IMPLIED BY THAT USE, AND IF THERE IS ANY CONFLICT BETWEEN ELECTRONIC DATA AND THE STAMPED/PERMIT PLAN SET, THE STAMPED DRAWINGS SHALL GOVERN AND DIRECT THE WORK. IT IS THE SOLE RESPONSIBILITY OF THE CLIENT TO ACQUIRE APPROVED PLANS FROM THE GOVERNING JURISDICTION.
 - THE CONTRACTOR SHALL VERIFY IN FIELD, ALL ELEVATIONS, DIMENSIONS, FLOW LINES EXISTING CONDITIONS, AND POINTS OF CONNECTIONS WITH ADJOINING PROPERTY (PUBLIC OR PRIVATE). ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
 - CONTRACTOR SHALL CONTACT "USA NORTH 811" BY CALLING THAT NUMBER (8-1-1) NO LESS THAN 2 WORKING DAYS BEFORE EXCAVATION IS PROPOSED TO BEGIN, SHALL COMPLY WITH AREA MARKING, ETC.
 - ALL NATURAL VEGETATION OUTSIDE OF DISTURBANCE LIMITS TO BE PRESERVED. DISTURBED EARTH ALONG TRENCH LINES SHALL RECEIVE GRUBBED VEGETATION MULCH TO REDUCE EROSION AND VISUAL IMPACT. AT BLM'S DIRECTION, SELECTED DISTURBED AREAS MAY REQUIRE BROADCAST-SEEDING AND RAKING DURING OCTOBER-NOVEMBER, OR HYDROSEEDING IN COORDINATION WITH, AND SUBJECT TO APPROVAL BY US BLM.
 - SHOULD ANY PREHISTORIC OR HISTORIC REMAINS/ARTIFACTS BE DISCOVERED DURING SITE DEVELOPMENT, WORK SHALL TEMPORARILY BE HALTED AT THE SPECIFIC SITE AND THE STATE HISTORIC PRESERVATION DEPARTMENT OF THE DEPARTMENT OF MUSEUMS, LIBRARY AND ARTS SHALL BE NOTIFIED TO RECORD AND PHOTOGRAPH THE SITE. THE PERIOD OF TEMPORARY DELAY SHALL BE LIMITED TO A MAXIMUM OF TWO (2) WORKING DAYS FROM THE DATE OF NOTIFICATION.

- EROSION CONTROL NOTES**
- TOTAL DISTURBANCE AREA WILL EXCEED 1 ACRE, THEREFORE A SITE-SPECIFIC STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED. THE CONTRACTOR SHALL BE AWARE OF AND EXERCISE DUE EFFORT TO CONFORM TO AT LEAST:
 - THE STATE OF NEVADA GENERAL PERMIT NVR100000
 - US BLM WEED AND EROSION CONTROL STANDARDS
 - WASHOE COUNTY STORMWATER PROTECTION ORDINANCES AND STANDARDS.
 - ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR AS MANDATED BY BLM CONSTRUCTION STANDARDS.

- SURVEY NOTES**
- THIS PLAN IS PREPARED TO ILLUSTRATE TOPOGRAPHY AND FEATURES FOR ENGINEERING PLANNING AND DESIGN ONLY. NO INFORMATION SHALL BE CONSTRUED TO REPRESENT A FORMAL SURVEY OF THE SUBJECT PROPERTY.
 - BASIS OF BEARINGS IS THE NEVADA STATE PLANE, WEST ZONE, NAD83 BASED ON REF.1 - SEE POINTS LIST SHEET C0.1.
 - BASIS OF ELEVATIONS IS NAVD88 BASED ON REF.1 - SEE POINTS LIST SHEET C0.1.



SITE OVERVIEW



NEVADA STATE MAP

ABBREVIATIONS

Δ	DELTA	NDOT	NV DEPT. OF TRANSPORTATION
AC	ASPHALT CONCRETE	OHE	OVERHEAD ELECTRICAL
APN	ASSESSOR'S PARCEL NO.	(P)	PROPOSED
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	PC	POINT OF CURVATURE
BLM	BUREAU OF LAND MANAGEMENT	PCC	PORTLAND CEMENT CONCRETE
BMP	BEST MANAGEMENT PRACTICES	PL	PROPERTY LINE
BSW/BOW	BACK OF WALK	PIV	PRESSURE INDICATOR VALVE
CMP	CORRUGATED METAL PIPE	POC	POINT OF CONNECTION
COTG	CLEAN OUT TO GRADE	PT	POINT OF TANGENCY
CL	CENTER LINE	PUE	PUBLIC UTILITY EASEMENT
CY	CUBIC YARDS	PVC	POLYVINYL CHLORIDE
(E)	EXISTING	RB	REBAR
EG	EXISTING GRADE	RENG	ROBISON ENGINEERING CO., INC
FDC	FIRE DEPT. CONNECTION	ROW	RIGHT-OF-WAY
FFC	FRONT FACE OF CURB	SEC	SECTION
FFE	FINISH FLOOR ELEVATION	SD	STORM DRAIN
FG	FINISH GRADE	SDR	STD. DIMENSION RATIO
FH	FIRE HYDRANT	SF	SQUARE FEET
FL	FLOW LINE	SS	SANITARY SEWER
GA	GAUGE	STA	STATION
GCP	GROUND CONTROL POINT	SWPPP	STORMWATER POLLUTION PREVENTION PLAN
H	HORIZONTAL	TC	TOP OF CURB
HDPE	HIGH DENSITY POLYETHYLENE	TW	TOP OF WALL
IAR	INTERNAL ACCESS ROAD	TYP	TYPICAL
IE	INVERT ELEVATION	UAS	UNMANNED AERIAL SURVEY
LF	LINEAR FEET	UNO	UNLESS NOTED OTHERWISE
MAR	MAIN ACCESS ROAD	US	UNITED STATES
MAX	MAXIMUM	V	VERTICAL
MDD	MAXIMUM DRY DENSITY	WACO	WASHOE COUNTY
MW	MEGA WATT	YH	YARD HYDRANT

NORTH VALLEY SOLAR PLAN
CIVIL PLANS
 SHEET C0.0
 TITLE SHEET

THE UNSTAMPED AND UNREVIEWED COPY OF THIS PLAN IS NOT VALID. THE USER OF THIS PLAN SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND ELECTRONIC COPIES AND CONTRACT NOTES AND CONTRACT AGREEMENT.
 0" 1/2" 1" INCH=FULL SCALE
 WASHOE COUNTY PROJECT NO. 1-0184-31.007 NEVADA

PREPARED FOR:
ORMAT NEVADA, INC.
 6140 PLUMAS ST. ST. 200
 RENO, NV 89519
 (775) 356-9029

Robison Engineering
 846 VICTORIAN AVENUE
 SPARKS, NV 89436
 WWW.ROBISONENG.COM
 (775) 852-2251
 DRAWN: SSJ DATE: PENDING

PRELIMINARY NOT FOR CONSTRUCTION

NO	DATE	BY	CHK'D	DESCRIPTION
1	2022-03-02	SSJ	NER	RENG UAS TOPO - 2022-03-02
2	2022-03-22	SSJ	NER	WASHOE COUNTY OPEN DATA
3	2022-07-28	SSJ	NER	ORMAT LAYOUT - 2021-11-21
4	2022-08-09	SSJ	NER	US BLM SURVEY #4323
5	2022-10-25	SSJ	NER	SOLARGIK - ARRAY LAYOUT REV1
6				
7				
8				

REFERENCES

NO	DATE	BY	CHK'D	DESCRIPTION
P1	2022-03-22	SSJ	NER	FOR CLIENT REVIEW
P2	2022-07-28	SSJ	NER	FOR CLIENT REVIEW
P3	2022-08-09	SSJ	NER	FOR CLIENT REVIEW
P4	2022-10-25	SSJ	NER	REVISED ACCESS ROAD
P5				FOR CLIENT REVIEW

REVISIONS

NO	DATE	BY	CHK'D	DESCRIPTION

APPROVALS

C0.0
 SHEET 1 OF 7

C:\Users\robison\OneDrive\Documents\Projects\NorthValleySolar\Drawings\Civil\Sheet.dwg 10/27/2022 9:32:21 PM S. JOHNSON



LEGEND:

	PROPERTY BOUNDARY
	PLSS BOUNDARY
	(E) MAJOR CONTOUR
	(E) MINOR CONTOUR
	(E) CL
	(E) ACCESS ROAD
	(E) PIPELINE
	(E) FLOW LINE
	(E) STRUCTURE
	(E) WELL
	(E) CONTROL POINT
	(E) PLSS CORNER

**NORTH VALLEY SOLAR PLAN
CIVIL PLANS**

SHEET CO. 1
EXISTING CONDITIONS AND TOPOGRAPHY

WASHOE COUNTY
PROJECT NO. 1-184-31.007

THE WET STAMPED AND
PROFESSIONAL SEAL
COPY OF THIS PLAN
SHALL BE KEPT ON THE
PROJECT AND SHALL BE
MAINTAINED IN ACCORDANCE
WITH THE REQUIREMENTS OF
THE ENGINEERING BOARD OF
NEVADA.

PREPARED FOR:
**ORMAT
NV, INC.**
6140 PLUMAS ST. ST. 200
RENO, NV 89519
(775) 356-9029

**Robison
Engineering**
846 VICTORIAN AVENUE
SPARKS, NV 89431
WWW.ROBISONENG.COM
(775) 852-2251

DATE: PENDING
DRAWN: SSJ

**PRELIMINARY
NOT FOR
CONSTRUCTION**

1	RENG UAS TOPO - 2022-03-02
2	WASHOE COUNTY OPEN DATA
3	ORMAT LAYOUT - 2021-11-21
4	US BLM SURVEY #4323
5	SOLARGIS - ARRAY LAYOUT REV1
6	
7	
8	

REFERENCES	
NO	DESCRIPTION
P1	FOR CLIENT REVIEW
P2	FOR CLIENT REVIEW
P3	FOR CLIENT REVIEW
P4	REVISED ACCESS ROAD
P5	FOR CLIENT REVIEW

REVISIONS	
NO	DESCRIPTION

**Robison
-UAS-**

846 VICTORIAN AVENUE
SPARKS, NV 89431
(775) 852-2251
WWW.ROBISONENG.COM

CLIENT: ORMAT NEVADA INC
PROJECT NAME: NORTH VALLEYS UAS
RENG PROJECT #: 1-184-31.007

PHOTO DATE: MARCH 2ND 2022
GROUND SAMPLE DISTANCE: 7 INCH
GROUND SURVEY: C. BAXTER
COMPILED BY: R. SIGLER

BASIS OF BEARINGS: NV WEST, NAD83
VERTICAL DATUM: NAVD 88
BENCHMARK: OPUS STATIC
SCT: 16 TWIN29N RING23E MDM

NOTE: GROUND SAMPLING DISTANCE (GSD) IS AVERAGE PIXEL SIZE OF DATA CAPTURE. HORIZONTAL ACCURACY ~±0.50M AND VERTICAL ACCURACY ~±0.50M. MAP ACCURACY IS 1/2" CONTOUR INTERVAL EXCEPT IN OBSCURED AREAS.

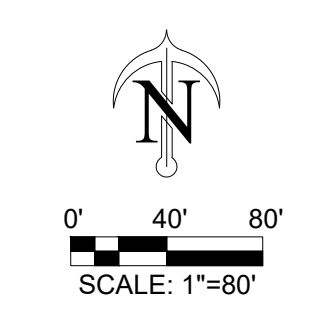
WASHOE COUNTY
NEVADA

SITE CONTROL:

POINT NO.	NORTHING	EASTING	POINT ELEV	DESCRIPTION
1007	15172415.7531'	2398537.5040'	4118.78'	find 3" blm brass sec
2003	15172442.2532'	2398589.9308'	4055.38'	find 3.25" bra blm 1/4 sec 16/23
101	15173075.0720'	2397072.3873'	4073.03'	gcp 1 1/2 rb
22101	15173008.1408'	2398518.8949'	4082.05'	gcp 1 1/2 rb
22102	15172516.9189'	2396271.2679'	4057.20'	gcp 2 60d
22103	15172578.6375'	2394738.2048'	4050.25'	gcp 3 1/2 rb
22104	15173800.9529'	2394755.8399'	4049.76'	gcp 4 1/2 rb
22105	15173781.5186'	2395782.8721'	4056.34'	gcp 5 1/2 rb
22106	15173156.9576'	2395230.9887'	4052.57'	gcp 6 60d

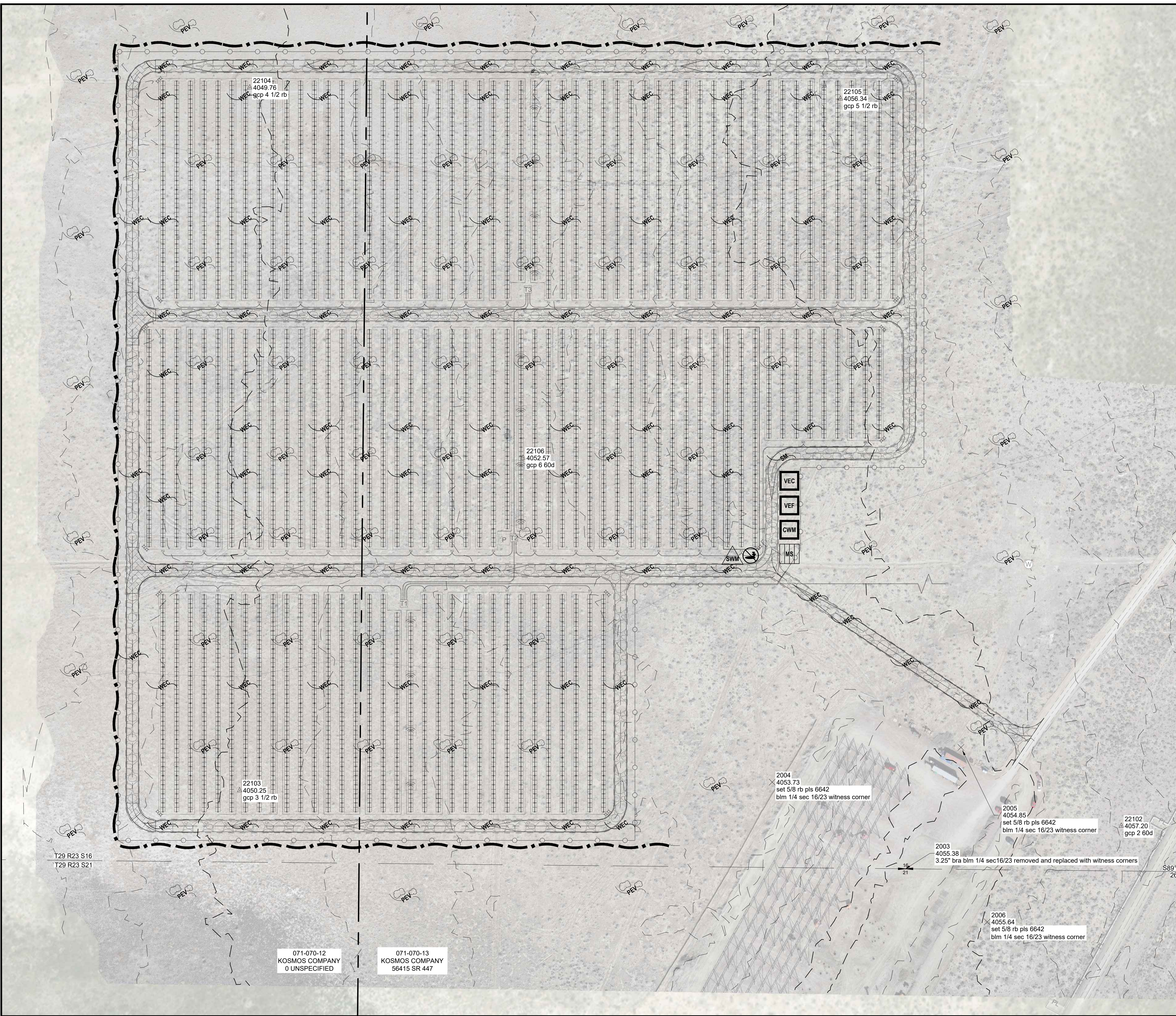
MERGED IMAGERY NOTE:
BACKGROUND IMAGE FROM PUBLIC SOURCE: MAY NOT MEET MAP ACCURACY STANDARDS OUTSIDE OF SURVEY AREA

PROPERTY NOTES
THIS MAP SHALL NOT BE CONSTRUED TO REPRESENT A FORMAL SURVEY OR TO RENDER ANY OPINION THEREON.



APPROVALS
C0.1
SHEET 2 OF 7

C:\Comm\Nevada, Inc. 016431.007_NorthValleySolar\Drawings\Site\071-070-12\071-070-12.dwg 10/27/2022 8:38:25 PM S.JOHNSON



EROSION CONTROL/BMP LEGEND:

BMP NAME	BMP NUMBER	MAP SYMBOL	USE
TEMPORARY DIVERSION DIKES AND DITCHES	RC-2	TDD	
CHECK DAMS	RC-3		
TEMPORARY SLOPE DRAINS	RC-4	TSD	
PRESERVING EXISTING VEGETATION	EC-1	PEV	USE
SLOPE TERRACING AND TRACKING	EC-2	STT	
MULCHING	EC-3	M	
SOIL BINDERS	EC-4	SB	
WIND EROSION AND DUST CONTROL	EC-5	WEC	USE
ROLLED EROSION CONTROL PRODUCTS	EC-6	RECP	
RIP RAP	EC-7	RR	
REVEGETATION	EC-8	RVG	USE
FIBER ROLLS	SC-1	FR	
BRUSH AND ROCK FILTERS	SC-2		
SAND BAG BARRIERS	SC-3	SB	
GRAVEL FILTER BERM	SC-4	GB	
SILT FENCES	SC-5	SF	USE
TEMPORARY SEDIMENT TRAPS	SC-6		
SEDIMENT RETENTION BASINS	SC-7		
CONSTRUCTION SITE ENTRANCES AND EXITS	SC-8		
CONSTRUCTION EXIT TIRE WASH	SC-9		
STABILIZED CONSTRUCTION ROADWAY	SC-10		
TEMPORARY STREAM CROSSING	DP-1		
STORMDRAIN OUTLET PROTECTION	DP-2		
STORMDRAIN INLET PROTECTION	DP-3		
STOCKPILE MANAGEMENT	GM-2	SM	USE
SOLID AND DEMOLITION WASTE MANAGEMENT	GM-3	SWM	USE
DEWATERING OPERATIONS	GM-4	DW	
STREET SWEEPING	GM-5		
SPILL PREVENTION AND CONTROL	GM-6		USE
VEHICLE AND EQUIPMENT	GM-7	VEC	USE
VEHICLE AND EQUIPMENT MAINTENANCE AND FUELING	GM-8	VEF	USE
HANDLING AND DISPOSAL OF CONCRETE AND CEMENT	GM-9	CWM	USE
MATERIAL DELIVERY, HANDLING, STORAGE AND USE	GM-10	MS	USE

SHEET NOTES:

- LEGEND, SYMBOLS, AND BMP NUMBERS INHERENTLY INCLUDE THE CORRESPONDING DETAILS AND SECTIONS OF THE TRUCKEE MEADOWS CONSTRUCTION SITE BMP HANDBOOK, CURRENT EDITION.
- WHERE SUFFICIENT VEGETATION AND SURFACE ROCKY MATERIAL IS PRESENT, BRUSH AND ROCK FILTER BERMS MAY BE USED TO REPLACE THE FUNCTION OF SILT FENCE MATERIAL SUBJECT TO INSPECTION BY ORMAT, ENGINEER, AND NDEP FOR CONTROL OF SEDIMENT DISCHARGE FROM SITE.

NORTH VALLEY SOLAR PLAN CIVIL PLANS

SHEET C0.2
EROSION AND SEDIMENT CONTROL PLAN AND BMP PLAN

NEVADA

WASHOE COUNTY
PROJECT NO: 1-0164-31.007

INCH@FULL SCALE

0" 1/2" 1"

PREPARED FOR:
ORMAT NV, INC.
6140 PLUMAS ST, ST 200
RENO, NV 89519
(775) 356-9029

Robinson Engineering
846 VICTORIAN AVENUE
RENO, NV 89505
(775) 852-2551
www.robinsone.com

DATE: PENDING
DRAWN: SSJ

PRELIMINARY NOT FOR CONSTRUCTION

NO	DESCRIPTION	CHKD	BY	DATE
1	RENG UAS TOPO - 2022-03-02			
2	WASHOE COUNTY OPEN DATA			
3	ORMAT LAYOUT - 2021-11-21			
4	US BLM SURVEY #4323			
5	SOLARGIK - ARRAY LAYOUT REV1			
6				
7				
8				

REFERENCES

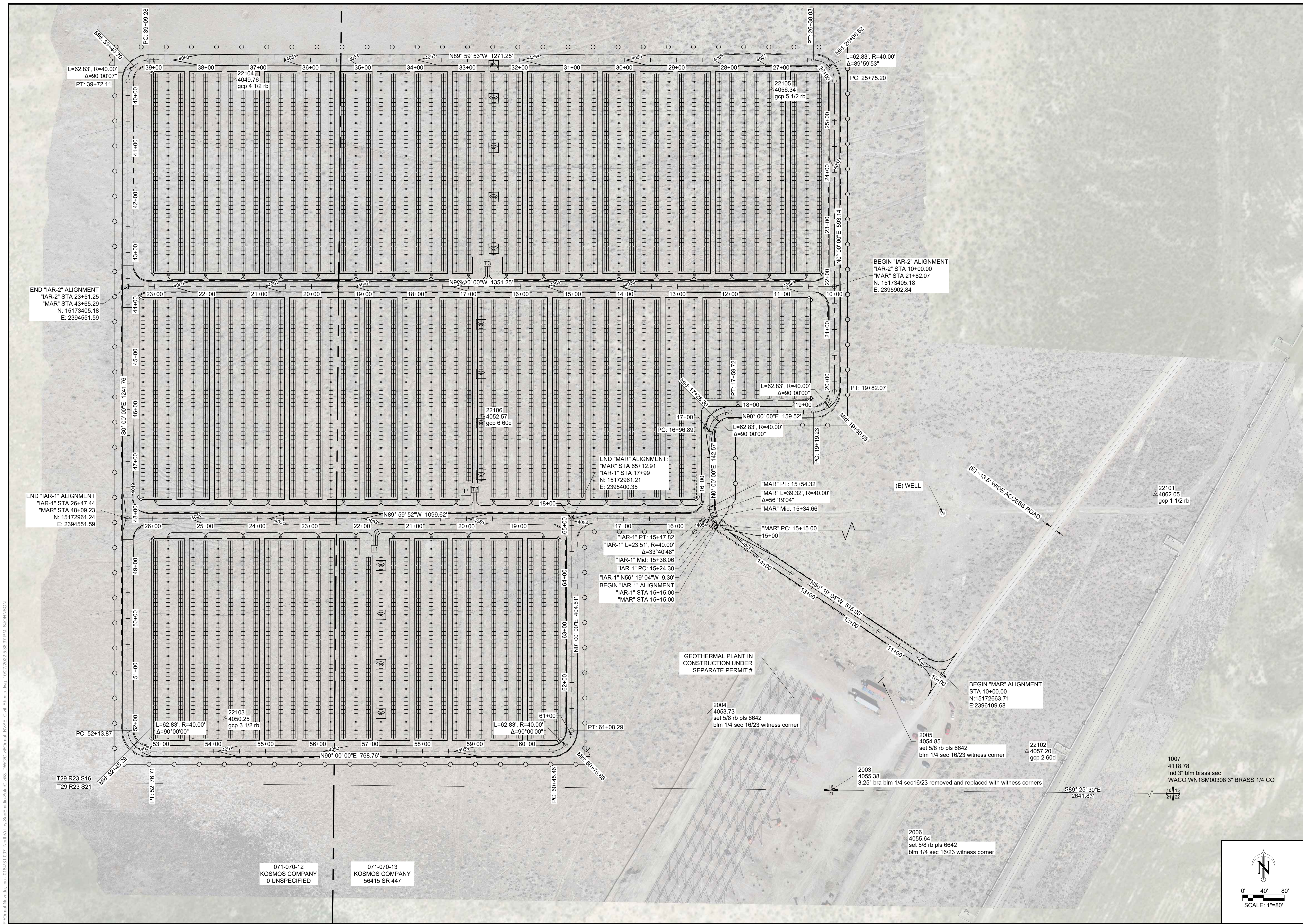
NO	DESCRIPTION	CHKD	BY	DATE
P1	FOR CLIENT REVIEW	NER	SSJ	PENDING
P2	FOR CLIENT REVIEW	NER	SSJ	2022-03-22
P3	FOR CLIENT REVIEW	NER	SSJ	2022-07-28
P4	REVISED ACCESS ROAD	NER	SSJ	2022-09-09
P5	FOR CLIENT REVIEW	NER	SSJ	2022-10-25

REVISIONS

APPROVALS

C0.2

SHEET 3 OF 7



THE WET STAMPED AND SIGNED COPY OF THIS PLAN IS THE ONLY VALID COPY. ANY OTHER COPIES OR REPRODUCTIONS ARE UNLAWFUL. THIS PLAN IS THE PROPERTY OF ORMAT NV, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. ANY VIOLATION OF THESE TERMS SHALL BE SUBJECT TO LEGAL ACTION.

PREPARED FOR:
ORMAT NV, INC.
 6140 PLUMAS ST, ST. 200
 RENO, NV 89519
 (775) 356-9029

Robinson Engineering
 846 VICTORIAN AVENUE
 RENO, NV 89519
 (775) 852-2251
 www.robinsoneg.com

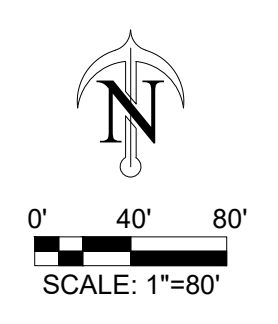
DRAWN: SSSJ
 DATE: PENDING

PRELIMINARY
NOT FOR
CONSTRUCTION

NO	DESCRIPTION	DATE	BY	CHKD
1	RENG UAS TOPO - 2022-03-02			
2	WASHOE COUNTY OPEN DATA			
3	ORMAT LAYOUT - 2021-11-21			
4	US BLM SURVEY #4323			
5	SOLARGIK - ARRAY LAYOUT REV1			
6				
7				
8				

NO	DESCRIPTION	DATE	BY	CHKD
P1	FOR CLIENT REVIEW	PENDING	SSJ	NER
P2	FOR CLIENT REVIEW	2022-03-22	SSJ	NER
P3	FOR CLIENT REVIEW	2022-07-28	SSJ	NER
P4	REVISED ACCESS ROAD	2022-09-09	SSJ	NER
P5	FOR CLIENT REVIEW	2022-10-25	SSJ	NER

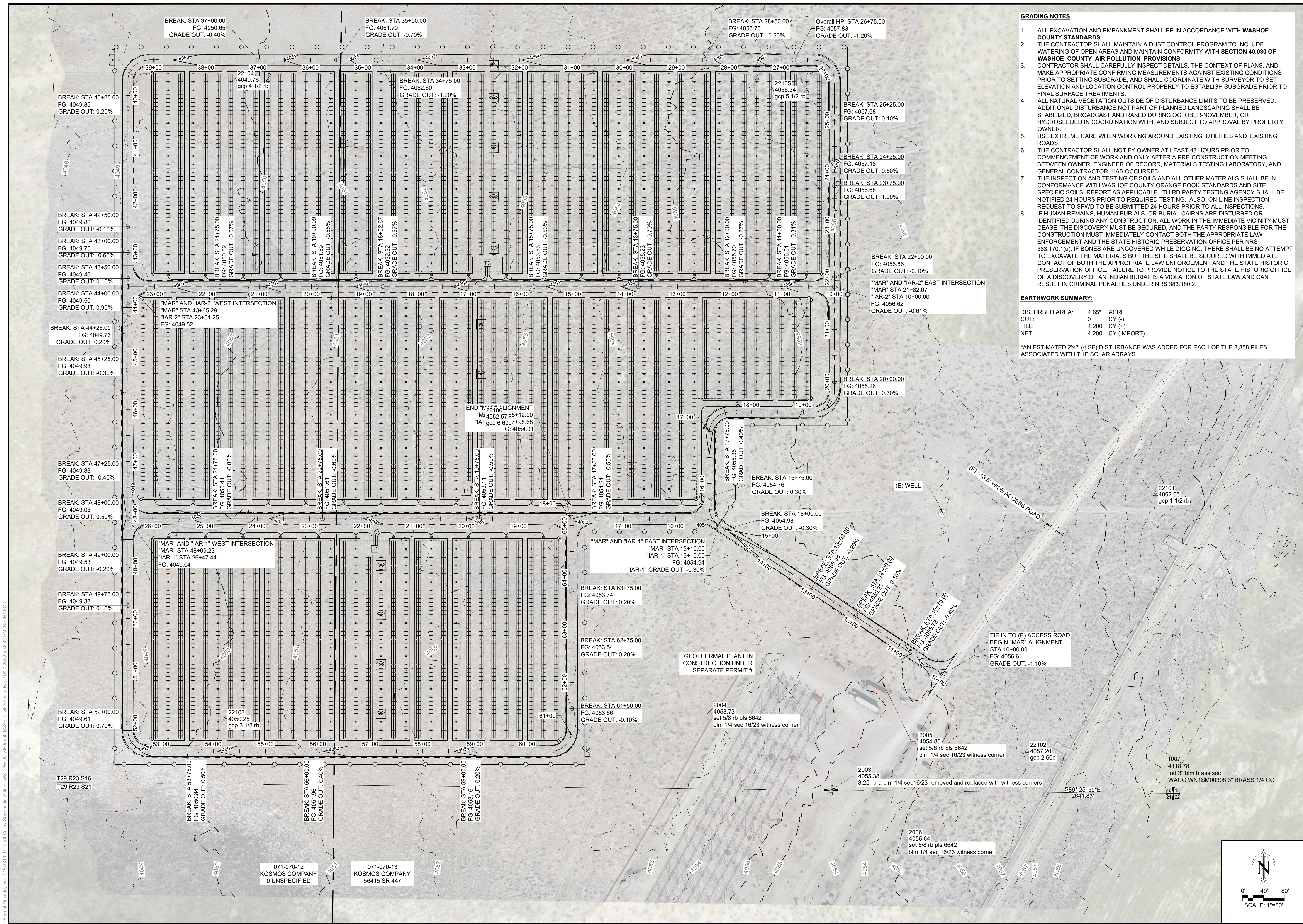
NO	DESCRIPTION	DATE	BY	CHKD



071-070-12
 KOSMOS COMPANY
 0 UNSPECIFIED

071-070-13
 KOSMOS COMPANY
 56415 SR 447

P:\C:\Users\mnewada\OneDrive\Documents\Projects\North Valley Solar\Drawings\Civil\Sheet.dwg 10/27/2022 8:38:37 PM S. JOHNSON



- GRADING NOTES:**
- ALL EXCAVATION AND EMBANKMENT SHALL BE IN ACCORDANCE WITH **WASHOE COUNTY STANDARDS**.
 - THE CONTRACTOR SHALL MAINTAIN A DUST CONTROL PROGRAM TO INCLUDE WATERING OF OPEN AREAS AND MAINTAIN CONFORMITY WITH **SECTION 40.030 OF WASHOE COUNTY AIR POLLUTION PROVISIONS**.
 - CONTRACTOR SHALL CAREFULLY INSPECT DETAILS, THE CONTEXT OF PLANS, AND MAKE APPROPRIATE CONFIRMING MEASUREMENTS AGAINST EXISTING CONDITIONS PRIOR TO SETTING SUBGRADE, AND SHALL COORDINATE WITH SURVEYOR TO SET ELEVATION AND LOCATION CONTROL PROPERLY TO ESTABLISH SUBGRADE PRIOR TO FINAL SURFACE TREATMENTS.
 - ALL NATURAL VEGETATION OUTSIDE OF DISTURBANCE LIMITS TO BE PRESERVED; ADDITIONAL DISTURBANCE NOT PART OF PLANNED LANDSCAPING SHALL BE STABILIZED, BROADCAST AND RAKED DURING OCTOBER-NOVEMBER, OR HYDROSEDED IN COORDINATION WITH, AND SUBJECT TO APPROVAL BY PROPERTY OWNER.
 - USE EXTREME CARE WHEN WORKING AROUND EXISTING UTILITIES AND EXISTING ROADS.
 - THE CONTRACTOR SHALL NOTIFY OWNER AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK AND ONLY AFTER A PRE-CONSTRUCTION MEETING BETWEEN OWNER, ENGINEER OF RECORD, MATERIALS TESTING LABORATORY, AND GENERAL CONTRACTOR HAS OCCURRED.
 - THE INSPECTION AND TESTING OF SOILS AND ALL OTHER MATERIALS SHALL BE IN CONFORMANCE WITH WASHOE COUNTY ORANGE BOOK STANDARDS AND SITE SPECIFIC SOILS REPORT AS APPLICABLE. THIRD PARTY TESTING AGENCY SHALL BE NOTIFIED 24 HOURS PRIOR TO REQUIRED TESTING. ALSO, ON-LINE INSPECTION REQUEST TO SPWD TO BE SUBMITTED 24 HOURS PRIOR TO ALL INSPECTIONS.
 - IF HUMAN REMAINS, HUMAN BURIALS, OR BURIAL CAIRNS ARE DISTURBED OR IDENTIFIED DURING ANY CONSTRUCTION, ALL WORK IN THE IMMEDIATE VICINITY MUST CEASE, THE DISCOVERY MUST BE SECURED, AND THE PARTY RESPONSIBLE FOR THE CONSTRUCTION MUST IMMEDIATELY CONTACT BOTH THE APPROPRIATE LAW ENFORCEMENT AND THE STATE HISTORIC PRESERVATION OFFICE PER NRS 383.170.1(a). IF BONES ARE UNCOVERED WHILE DIGGING, THERE SHALL BE NO ATTEMPT TO EXCAVATE THE MATERIALS BUT THE SITE SHALL BE SECURED WITH IMMEDIATE CONTACT OF BOTH THE APPROPRIATE LAW ENFORCEMENT AND THE STATE HISTORIC PRESERVATION OFFICE. FAILURE TO PROVIDE NOTICE TO THE STATE HISTORIC OFFICE OF A DISCOVERY OF AN INDIAN BURIAL IS A VIOLATION OF STATE LAW AND CAN RESULT IN CRIMINAL PENALTIES UNDER NRS 383.180.2.

EARTHWORK SUMMARY:

DISTURBED AREA: 4.65' ACRE
 CUT: 0.200 CY (-)
 FILL: 4.200 CY (+)
 NET: 4.200 CY (IMPORT)

*AN ESTIMATED 2'x2' (4 SF) DISTURBANCE WAS ADDED FOR EACH OF THE 3,858 PILES ASSOCIATED WITH THE SOLAR ARRAYS.

PREPARED FOR:
ORMAT NV, INC.
 6140 PLUMAS ST. ST. 200
 RENO, NV 89519
 (775) 356-9029

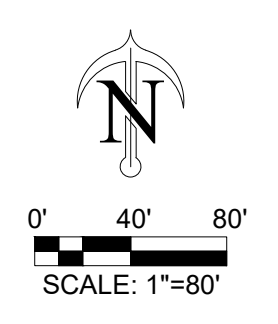
Robinson Engineering
 846 VICTORIAN AVENUE
 RENO, NV 89521
 (775) 852-2251
 DRAWN: SSJ
 DATE: PENDING

PRELIMINARY
NOT FOR
CONSTRUCTION

NO	DATE	BY	CHKD	DESCRIPTION
1	RENG US TOPO - 2022-03-02			WASHOE COUNTY OPEN DATA
2	PENDING	SSJ	NER	FOR CLIENT REVIEW
3	2022-03-22	SSJ	NER	FOR CLIENT REVIEW
4	2022-07-28	SSJ	NER	FOR CLIENT REVIEW
5	2022-09-09	SSJ	NER	REVISED ACCESS ROAD
6	2022-10-25	SSJ	NER	FOR CLIENT REVIEW

NO	DATE	DESCRIPTION
1	2022-03-02	WASHOE COUNTY OPEN DATA
2	2022-03-22	FOR CLIENT REVIEW
3	2022-07-28	FOR CLIENT REVIEW
4	2022-09-09	REVISED ACCESS ROAD
5	2022-10-25	FOR CLIENT REVIEW

NO	DATE	DESCRIPTION
1	2022-03-02	WASHOE COUNTY OPEN DATA
2	2022-03-22	FOR CLIENT REVIEW
3	2022-07-28	FOR CLIENT REVIEW
4	2022-09-09	REVISED ACCESS ROAD
5	2022-10-25	FOR CLIENT REVIEW



C:\Ormat Nevada Inc - 016451.007 - North Valley Solar Plan - DIV\GIS\Civil\Main\NVE - Civil - Sheets.dwg 10/27/2022 8:38:42 PM S. JOHNSON

071-070-12
 KOSMOS COMPANY
 0 UNSPECIFIED

071-070-13
 KOSMOS COMPANY
 56415 SR 447

Map Pocket