

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

February 21, 2025

Derek Metson
Greenbox Architecture
502 7th Street, Suite 203
Oregon City, OR 97045

**RE: Kairos Power Expansion SP
5201 Hawking Drive SE
Grading and Drainage Plans
Engineer's Stamp Date: 02/14/2025
Hydrology File: Q16DA5000A
Case # HYDR-2025-00047**

Dear Mr. Metson:

PO Box 1293

Based upon the information provided in your submittal received 02/19/2025, the Conceptual Grading & Drainage Plan is approved for action by the Development Facilitation Team (DFT) on Site Plan for Building Permit.

Albuquerque

PRIOR TO BUILDING PERMIT:

NM 87103

1. Please submit a more detailed Grading & Drainage Plan to Hydrology for review and approval.

www.cabq.gov

As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 505-924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,

Anthony Montoya, Jr., P.E., CFM
Senior Engineer, Hydrology
Planning Department, Development Review Services



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title: _____ Hydrology File # _____

Legal Description: _____

City Address, UPC, OR Parcel: _____

Applicant/Agent: _____ Contact: _____

Address: _____ Phone: _____

Email: _____

Applicant/Owner: _____ Contact: _____

Address: _____ Phone: _____

Email: _____

TYPE OF DEVELOPMENT: Plat (# of lots) _____ Single Family Home
All other Developments

RE-SUBMITTAL: YES NO

DEPARTMENT: TRANSPORTATION HYDROLOGY/DRAINAGE

Check all that apply under Both the Type of Submittal and the Type of Approval Sought:

TYPE OF SUBMITTAL:

Engineering / Architect Certification
Conceptual Grading & Drainage Plan
Grading & Drainage Plan, and/or Drainage Report
Drainage Report (Work Order)
Drainage Master Plan
Conditional Letter of Map Revision (CLOMR)
Letter of Map Revision (LOMR)
Floodplain Development Permit
Traffic Circulation Layout (TCL) – Administrative
Traffic Circulation Layout (TCL) – DFT Approval
Traffic Impact Study (TIS)
Street Light Layout
OTHER (SPECIFY) _____

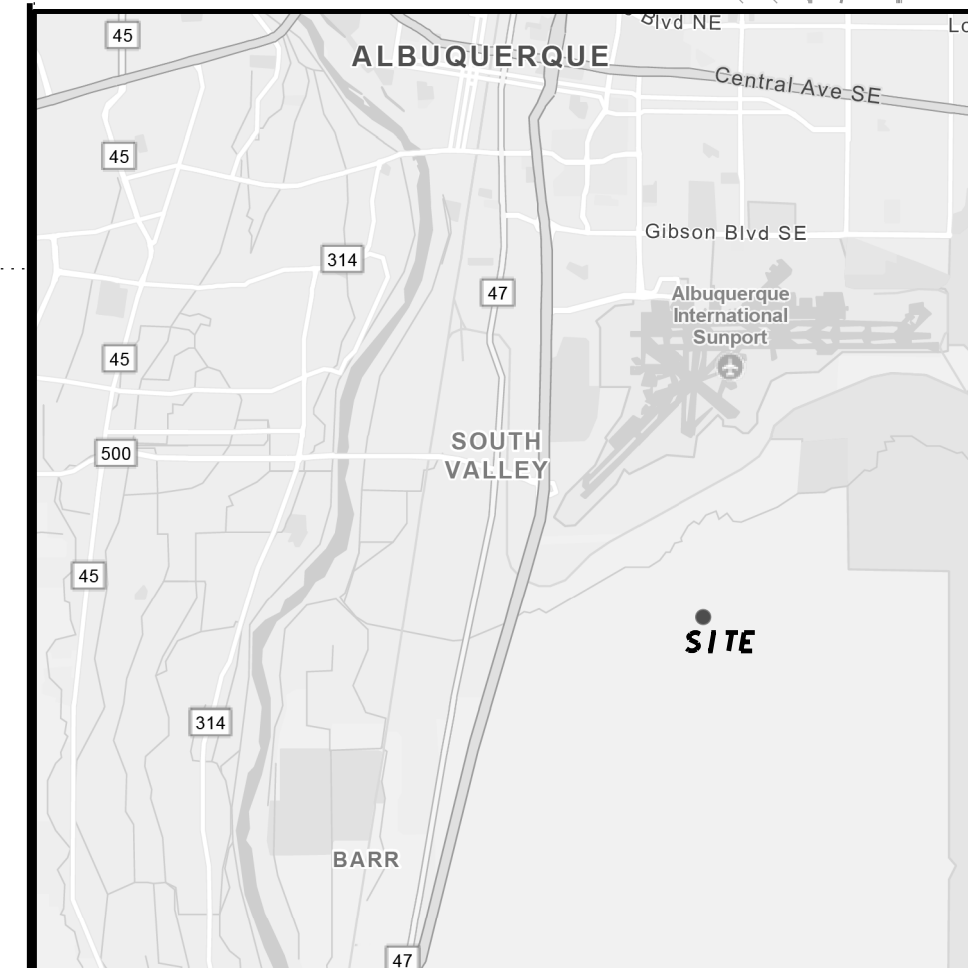
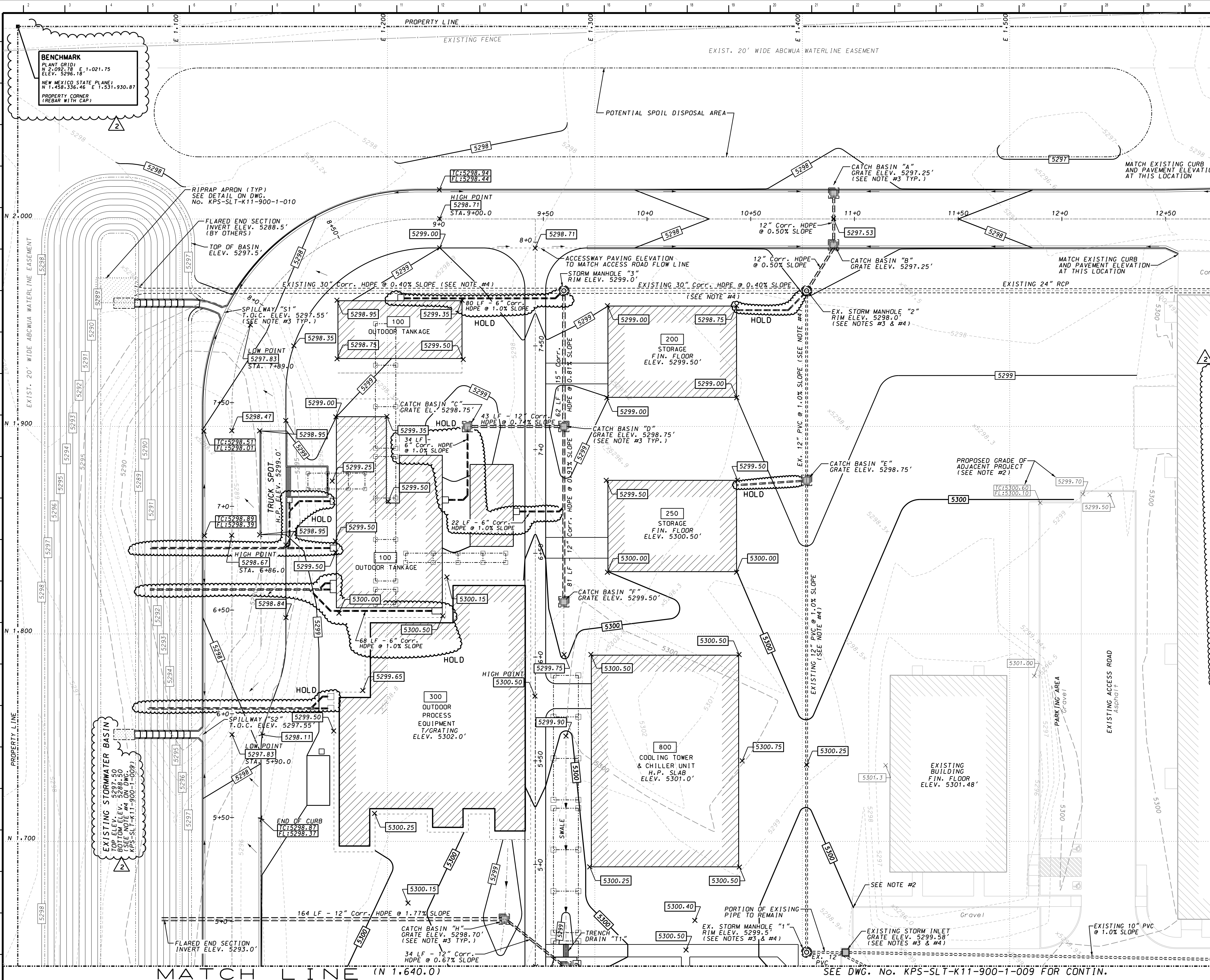
TYPE OF APPROVAL SOUGHT:

Pad Certification
Building Permit
Grading Permit
Paving Permit
SO-19 Permit
Foundation Permit
Certificate of Occupancy - Temp Perm
Preliminary / Final Plat
Site Plan for Building Permit - DFT
Work Order (DRC)
Release of Financial Guarantee (ROFG)
CLOMR / LOMR
Conceptual TCL - DFT
OTHER (SPECIFY) _____

DATE SUBMITTED: _____

Legal Description:

A certain tract of land located within Section 15, Township 9 North, Range 3 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico. Being and Comprised of Tract D-1 and Tract D-3 of the Bulk Land Plat for Mesa Del Sol Innovation Park II, as the same is shown and designated on the plat thereof recorded in the real property records of Bernalillo County, New Mexico on December 29, 2017, as Document Number 2017124120, in Book: 2017C, Page: 159.



LOCATION MAP: SCALE: 1"= 500'

FOR NOTES REFER TO DWG. KPS-SLT-K11-900-1-009

KBR ENGINEERING COMPANY
601 JEFFERSON STREET
HOUSTON, TX 77002
NM SCC NUMBER 1570407

ZAHEDRUDDIN A. MOHAMMEND
PROFESSIONAL ENGINEER - NEW MEXICO
LICENSE NO. 28009
EXPIRES 12/31/2025

NEW MEXICO
26909
PROFESSIONAL ENGINEER

LEGAL DESCRIPTION
TR D-1 PLAT OF TRACTS D-1 THRU D-7 MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II) CONT 16.4161 AC & TR D-3 PLAT OF TRACTS D-1 THRU D-7 MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II) CONT 12.0217 AC.

REVISION HISTORY					
REV	DATE	DESCRIPTION	BY	CHK	APP
2	02-12-25	REV. PER CITY COMMENTS DATED 02-06-25	EJO	AS	ZM
1	11-15-24	REV. GRADING/DRAINAGE AT UNIT 100 & 300	EJO	AS	ZM
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM

KBR **Kairos Power**

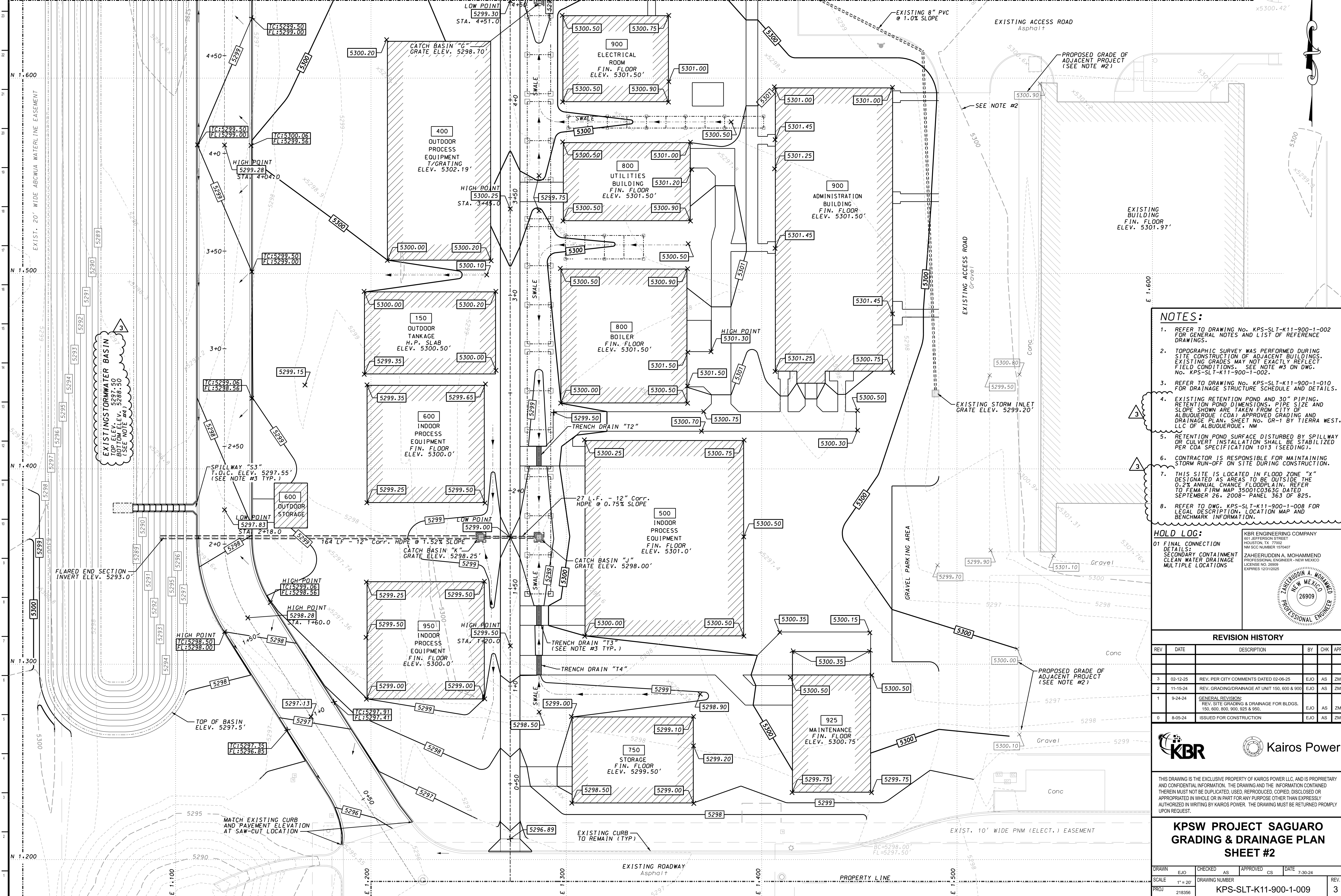
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**KPSW PROJECT SAGUARO
GRADING & DRAINAGE PLAN
SHEET #1**

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1"= 20'	DRAWING NUMBER	218356	PROJECT	KPS-SLT-K11-900-1-008	REV.	2

MATCH LINE (N 1,640.0)

SEE DWG. No. KPS-SLT-K11-900-1-008 FOR CONTIN.



NOTES:

- REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
- TOPOGRAPHIC SURVEY WAS PERFORMED DURING SITE CONSTRUCTION OF ADJACENT BUILDINGS. EXISTING GRADES MAY NOT EXACTLY REFLECT FIELD CONDITIONS. SEE NOTE #3 ON DWG. No. KPS-SLT-K11-900-1-002.
- REFER TO DRAWING No. KPS-SLT-K11-900-1-010 FOR DRAINAGE STRUCTURE SCHEDULE AND DETAILS.
- EXISTING RETENTION POND AND 30" PIPING. RETENTION POND DIMENSIONS, PIPE SIZE AND SLOPE SHOWN ARE TAKEN FROM CITY OF ALBUQUERQUE (COA) APPROVED GRADING AND DRAINAGE PLAN, SHEET NO. GR-1 BY TIERRA WEST, LLC OF ALBUQUERQUE, NM.
- RETENTION POND SURFACE DISTURBED BY SPILLWAY OR CULVERT INSTALLATION SHALL BE STABILIZED PER COA SPECIFICATION 1013 (SEEDING).
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STORM RUN-OFF ON SITE DURING CONSTRUCTION.
- THIS SITE IS LOCATED IN FLOOD ZONE "X" DESIGNATED AS AREAS TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. REFER TO FEMA FIRM MAP 35001C0363G DATED SEPTEMBER 26, 2008- PANEL 363 OF 825.
- REFER TO DWG. KPS-SLT-K11-900-1-008 FOR LEGAL DESCRIPTION, LOCATION MAP AND BENCHMARK INFORMATION.

HOLD LOG:

01 FINAL CONNECTION
DETAILS:
SECONDARY CONTAINMENT
CLEAN WATER DRAINAGE
MULTIPLE LOCATIONS

KBR ENGINEERING COMPANY
601 JEFFERSON STREET
HOUSTON, TX 77002
NM SCC NUMBER 1570407
ZAHAEERUDDIN A. MOHAMMEND
PROFESSIONAL ENGINEER - NEW MEXICO
LICENSE NO. 28009
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REVISION HISTORY

REV	DATE	DESCRIPTION	BY	CHK	APP
3	02-12-25	REV. PER CITY COMMENTS DATED 02-06-25	EJO	AS	ZM
2	11-15-24	REV. GRADING/DRAINAGE AT UNIT 150, 600 & 900	EJO	AS	ZM
1	9-24-24	GENERAL REVISION: REV. SITE GRADING & DRAINAGE FOR BLDGS. 150, 600, 800, 900, 925 & 950.	EJO	AS	ZM
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



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KPSW PROJECT SAGUARIO GRADING & DRAINAGE PLAN SHEET #2

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 20'	DRAWING NUMBER	218356	PROJECT	KPS-SLT-K11-900-1-009	REV.	3

