CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



October 2, 2020

Matthew Staches Bohannan Huston, Inc. 7500 Jefferson St. NE Albuquerque, NM 87109

RE: Kairos Power

5201 Hawking Dr. SE

Grading and Drainage Plan Stamp Date: 9/9/20

Hydrology File: Q16DA5000A

Dear Mr. Satches:

Based on the re-submittal received on 9/9/20, the Grading and Drainage Plan is approved for Grading Permit and Foundation Permit.

PO Box 1293

Prior to Certificate of Occupancy (For Information):

Albuquerque

1. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision* is required.

NM 87103

If you have any questions, please contact me at 924-3986 or earmijo@cabq.gov.

www.cabq.gov

Sincerely,

Ernest Armijo, P.E.

Principal Engineer, Planning Dept.

Development Review Services



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title:	Building Per	mit #: Hydrology File #:
		Work Order#:
City Address:		
Applicant:		Contact:
Address:		
Phone#:	Fax#:	E-mail:
Other Contact:		Contact:
Address:		
		E-mail:
TYPE OF DEVELOPMENT:	_PLAT RESI	DENCE DRB SITE ADMIN SITE
Check all that Apply:		
DEPARTMENT:		TYPE OF APPROVAL/ACCEPTANCE SOUGHT:
HYDROLOGY/ DRAINAGE		BUILDING PERMIT APPROVAL
TRAFFIC/ TRANSPORTATION		CERTIFICATE OF OCCUPANCY
TYPE OF SUBMITTAL:		
ENGINEER/ARCHITECT CERTIFICATION		PRELIMINARY PLAT APPROVAL
PAD CERTIFICATION		SITE PLAN FOR SUB'D APPROVAL
CONCEPTUAL G & D PLAN		SITE PLAN FOR BLDG. PERMIT APPROVAL
GRADING PLAN		FINAL PLAT APPROVAL
DRAINAGE REPORT		
DRAINAGE MASTER PLAN		SIA/ RELEASE OF FINANCIAL GUARANTEE
FLOODPLAIN DEVELOPMENT PERMIT APPLIC		FOUNDATION PERMIT APPROVAL
ELEVATION CERTIFICATE		GRADING PERMIT APPROVAL
CLOMR/LOMR		SO-19 APPROVAL
TRAFFIC CIRCULATION LAYOUT (TCL)		PAVING PERMIT APPROVAL
TRAFFIC IMPACT STUDY (TIS)		GRADING/ PAD CERTIFICATION
STREET LIGHT LAYOUT		WORK ORDER APPROVAL
OTHER (SPECIFY)		CLOMR/LOMR
PRE-DESIGN MEETING?		FLOODPLAIN DEVELOPMENT PERMIT
		OTHER (SPECIFY)
IS THIS A RESUBMITTAL?: Yes	No	
DATE SUBMITTED:	By:	

FEE PAID:__



September 9, 2020

Mr. Ernest Armijo, P.E. City of Albuquerque Planning Department 600 2nd Street NW Albuquerque, NM 87103

Re: Kairos Power / Hydrology File Q16DA5000A

Dear Mr. Armijo:

Enclosed for your review and comment is a re-submittal of the Kairos Power Grading & Drainage Plan. Responses to your comments dated 09/04/20 can be found below:

 The Basin designations on your Grading Management Plan are confusing. Please consider renaming existing Basin B1 to just B so as to avoid confusion with new Basin B1, which is a sub-basin of the overall area being studied.

Response: Existing Basin Renamed "Basin A". Proposed Basins are now broken down as A1, A2, A3, etc.

2. Please examine existing and proposed flow through the existing 24" SD pipe to the retention pond. I did not see this on your submittal and we need to be sure this pipe will be able to handle the proposed flows.

Response: The existing 24" SD Pipe has a capacity of 14.77 CFS. Based on the previously approved DMP for the Schott Solar Site, approximately 8.73 CFS drains to this existing storm drain. Basins A2 and A4 contribute 5.11 CFS. The total flow of 13.84 CFS is less than the 14.77 CFS capacity based on the Manning's Equation.

3. On sheets C-101 and C-102 keyed note 4 refers to a SD inlet, but there is no inlet called out on the plan. Is this note just part of a typical package of notes used by BHI or are there any inlets planned for this site.

Response: This has been corrected. Keyed Note 4 now references existing inlets north of the facility.

The previous submittal, we requested Foundation and Grading Permit Approval. With this submittal we are requesting COA Hydrology Foundation Permit, Grading Permit, and Site Plan for Building Permit Approvals. Please feel free to contact me at 823-1000 with questions or comments.

Sincerely,

Matt Satches, PE Project Manager Community Development and Planning

MHS Enclosures

Engineering A

Courtyard I

7500 Jefferson St. NE Albuquerque, NM 87109-4335

www.bhinc.com

voice: 505.823.1000 facsimile: 505.798.7988

toll free: 800.877.5332







