

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

January 27, 2021

David Aube, P.E.
Hartman & Majewski Design Group
120 Vassar Dr SE, Suite 100
Albuquerque, NM 87106

RE: BioPark – Asia Exhibit
903 10th Street SW
Revised Grading and Drainage Plan
Engineer's Stamp Date: 01/04/21
Hydrology File: K13D034I

Dear Mr. Aube:

PO Box 1293

Based upon the information provided in your submittal received 01/04/2021, the Revised Grading & Drainage Plan is approved for Building Permit.

Albuquerque

Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter. Prior to approval in support of Permanent Release of Occupancy by Hydrology, Engineer Certification per the DPM checklist will be required.

NM 87103

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, 924-3420) 14 days prior to any earth disturbance.

www.cabq.gov

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

Project Title: _____ **Building Permit #:** _____ **Hydrology File #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Applicant: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

TYPE OF SUBMITTAL: _____ PLAT (____# OF LOTS) _____ RESIDENCE _____ DRB SITE _____ ADMIN SITE

IS THIS A RESUBMITTAL?: _____ Yes _____ No **Revision to approved plans**

DEPARTMENT: _____ TRAFFIC/ TRANSPORTATION _____ HYDROLOGY/ DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- _____ ENGINEER/ARCHITECT CERTIFICATION
- _____ PAD CERTIFICATION
- _____ CONCEPTUAL G & D PLAN
- _____ GRADING PLAN
- _____ DRAINAGE MASTER PLAN
- _____ DRAINAGE REPORT
- _____ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- _____ ELEVATION CERTIFICATE
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ TRAFFIC IMPACT STUDY (TIS)
- _____ OTHER (SPECIFY) _____
- _____ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

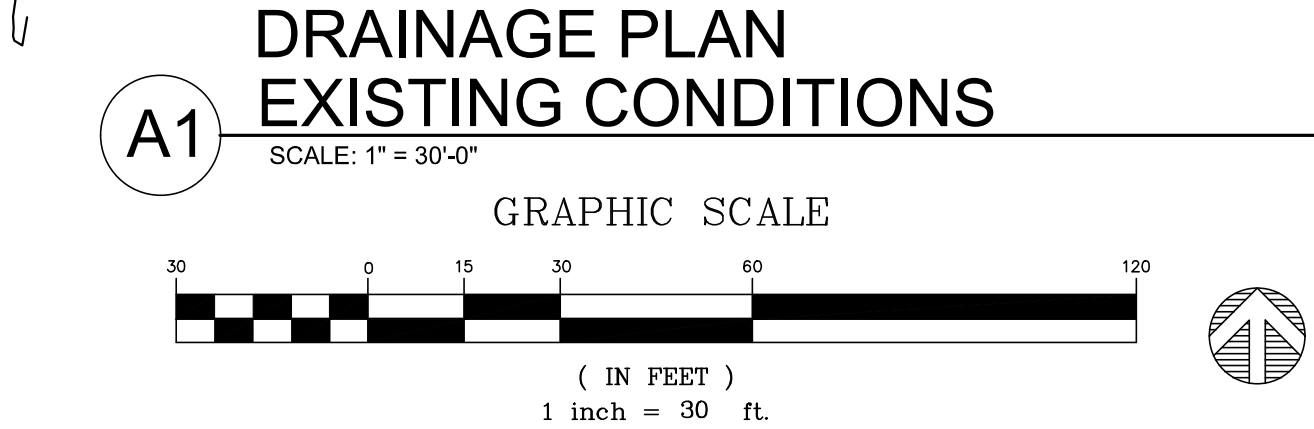
- _____ BUILDING PERMIT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY
- _____ PRELIMINARY PLAT APPROVAL
- _____ SITE PLAN FOR SUB'D APPROVAL
- _____ SITE PLAN FOR BLDG. PERMIT APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ SIA/ RELEASE OF FINANCIAL GUARANTEE
- _____ FOUNDATION PERMIT APPROVAL
- _____ GRADING PERMIT APPROVAL
- _____ SO-19 APPROVAL
- _____ PAVING PERMIT APPROVAL
- _____ GRADING/ PAD CERTIFICATION
- _____ WORK ORDER APPROVAL
- _____ CLOMR/LOMR
- _____ FLOODPLAIN DEVELOPMENT PERMIT
- _____ OTHER (SPECIFY) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

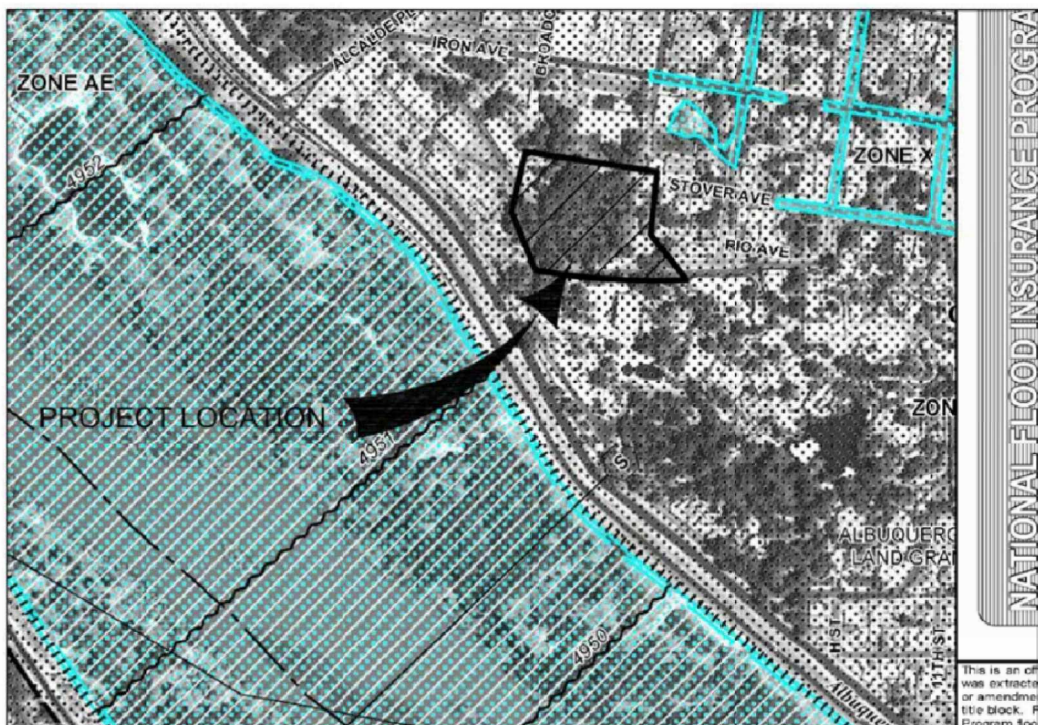
FEE PAID: _____



THE SITE IS CURRENTLY UNDEVELOPED WITH THE EXCEPTION OF THE RAILROAD TRACKS THAT PASS THROUGH THE SITE. THIS WAS THE TURNAROUND POINT FOR THE PASSENGER TRAIL THAT LINKS THE TWO SECTIONS OF THE BIOPARK TOGETHER. THE TRAIN TRACKS ARE TO BE REMOVED WITH THIS PROJECT.

THE STORM EVENT USED FOR THE FOLLOWING CALCULATIONS IS THE 100YR-6HR STORM. THE PROJECT SITE IS LOCATED IN ZONE 2.

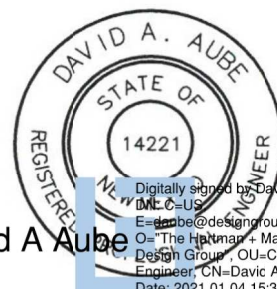
The surveyed area, as shown hereon, appears to lie within "ZONE X" (areas determined to be outside the 0.2% annual chance floodplain), shown on National Flood Insurance Program Flood Insurance Rate Map 35001C0333H
REVISED 08/16/2012.



A3 FEMA FLOOD ZONE
NOT TO SCALE

COMBINED THE PROJECT SITE GENERATES A PEAK DISCHARGE OF 10.19 CFS AND A STORM WATER RUN-OFF VOLUME OF 0.33 AC-FT DURING THE 100YR-6HR STORM EVENT.

Drainage Summary				
Project	BioPark Asia			
Project Number	2555			
Date	11/02/20			
By	Dave A			
Site Location				
Precipitation Zone				
2 Per COA DPM Chapter 6				
Existing summary				
Basin Name	Ex Basin 1	Ex Basin 2	Ex Basin 3	Ex Basin 4
Area (sf)	142218.68	42265.51	8427.38	23865.32
Area (acres)	3.26	0.97	0.19	0.55
%A Land treatment	0	0	0	0
%B Land treatment	95	75	60	60
%C Land treatment	5	25	40	20
%D Land treatment	0	0	0	0
Soil Treatment (acres)				
Area "A"	0.00	0.00	0.00	0.00
Area "B"	3.10	0.73	0.12	0.44
Area "C"	0.16	0.24	0.08	0.11
Area "D"	0.00	0.00	0.00	0.00
Excess Runoff (acre-feet)				
100yr. 6hr.	0.2208	0.0693	0.0144	0.0386
100yr. 6hr.	0.0841	0.0279	0.0060	0.0153
2yr. 6hr.	0.0073	0.0044	0.0012	0.0022
100yr. 24hr.	0.2208	0.0693	0.0144	0.0386
Peak Discharge (cfs)				
100 yr.	7.82	2.46	0.51	1.37
2yr.	3.21	1.06	0.23	0.59
24hr.	0.35	0.21	0.06	0.10



Design Review Committee	City Engineer Approval		Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
CONSTRUCTION DOCUMENTS	City Project No. 7303.95	Zone Map No. K-13-Z	DWG. CD-1	Sheet	

