

CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

May 18, 2017

Jeffery Mulbery
Bohannon Huston, Inc.
7500 Jefferson St NE
Albuquerque, NM 87109

RE: **Shawn McWethy Park – Phase I
Grading Plan
Engineer's Stamp Date 5/17/17
Hydrology File: J09D023A**

Dear Mr. Mulbery:

Based upon the information provided in the submittal received on 5/18/17 the above-referenced Grading Plan is approved for Grading and Paving Permit.

PO Box 1293

If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

Albuquerque

Sincerely,

New Mexico 87103

Dana Peterson, P.E.
Senior Engineer, Planning Dept.
Development Review Services

www.cabq.gov

May 17, 2017

Mr. Dana Peterson, P.E.
Senior Engineer
Planning Department
City of Albuquerque
600 2nd St NW
Albuquerque, NM 87102

Re: Shawn McWethy Park – Phase 1, J09D023A Hydrology Resubmittal

Dear Mr. Peterson:

Enclosed for your review is a copy of the Revised Grading Plan for the above referenced project. The revisions are based on comments that you provided in your letter dated April 27, 2017. Below is a brief description of how the comments were addressed:

1. The western swale was incorrectly called out as Keynote 8 rather than Keynote 6, this has since been corrected and should clarify differences between the swales. Additional details have been added to Swale Section A-A for clarity as well.
2. The pond volume is now more accurately shown. The 5250 contour has now been fixed as well to provide positive drainage to the south of the proposed sidewalk.
3. The swale has been extended north to divert offsite flows as suggested.
4. The North Pond volume is now provided. This pond is used to retain a portion of the first flush volume and to help prevent nuisance flows from causing erosion.
5. The flowline is now accurately shown on the plans and no longer flows along the sidewalk.
6. Volume and runoff calculations for the offsite basin have been provided in Exhibit "A".
7. The entire site has a Required First Flush Volume of approximately 177 CF. The First Flush Volume will be retained in the playground fibar mulch as described in the Approved Drainage Management Plan for the entire park. The fibar mulch within the playground is depressed approximately 14" throughout. The North Pond also retains a portion of the First Flush Volume as well.

With this submittal, we are requesting Hydrology Grading and Paving Permit Approval. If you have any questions or require further information, please feel free to contact me.

Sincerely,



Matthew Satches, E.I.
Engineer Intern
Community Development & Planning

Engineering ▲

Spatial Data ▲

Advanced Technologies ▲



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: _____ Building Permit #: _____ City Drainage #: _____

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

Legal Description: _____

City Address: _____

Engineering Firm: _____ Contact: _____

Address: _____

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

Owner: _____ Contact: _____

Address: _____

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

Architect: _____ Contact: _____

Address: _____

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

Surveyor: _____ Contact: _____

Address: _____

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

Contractor: _____ Contact: _____

Address: _____

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

TYPE OF SUBMITTAL:

- _____ DRAINAGE REPORT
- _____ DRAINAGE PLAN 1st SUBMITTAL
- _____ DRAINAGE PLAN RESUBMITTAL
- _____ CONCEPTUAL G & D PLAN
- _____ GRADING PLAN
- _____ EROSION & SEDIMENT CONTROL PLAN (ESC)
- _____ ENGINEER'S CERT (HYDROLOGY)
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ ENGINEER'S CERT (TCL)
- _____ ENGINEER'S CERT (DRB SITE PLAN)
- _____ ENGINEER'S CERT (ESC)
- _____ SO-19
- _____ OTHER (SPECIFY)

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- _____ SIA/FINANCIAL GUARANTEE RELEASE
- _____ PRELIMINARY PLAT APPROVAL
- _____ S. DEV. PLAN FOR SUB'D APPROVAL
- _____ S. DEV. FOR BLDG. PERMIT APPROVAL
- _____ SECTOR PLAN APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY (PERM)
- _____ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- _____ FOUNDATION PERMIT APPROVAL
- _____ BUILDING PERMIT APPROVAL
- _____ GRADING PERMIT APPROVAL
- _____ PAVING PERMIT APPROVAL
- _____ WORK ORDER APPROVAL
- _____ GRADING CERTIFICATION
- _____ SO-19 APPROVAL
- _____ ESC PERMIT APPROVAL
- _____ ESC CERT. ACCEPTANCE
- _____ OTHER (SPECIFY)

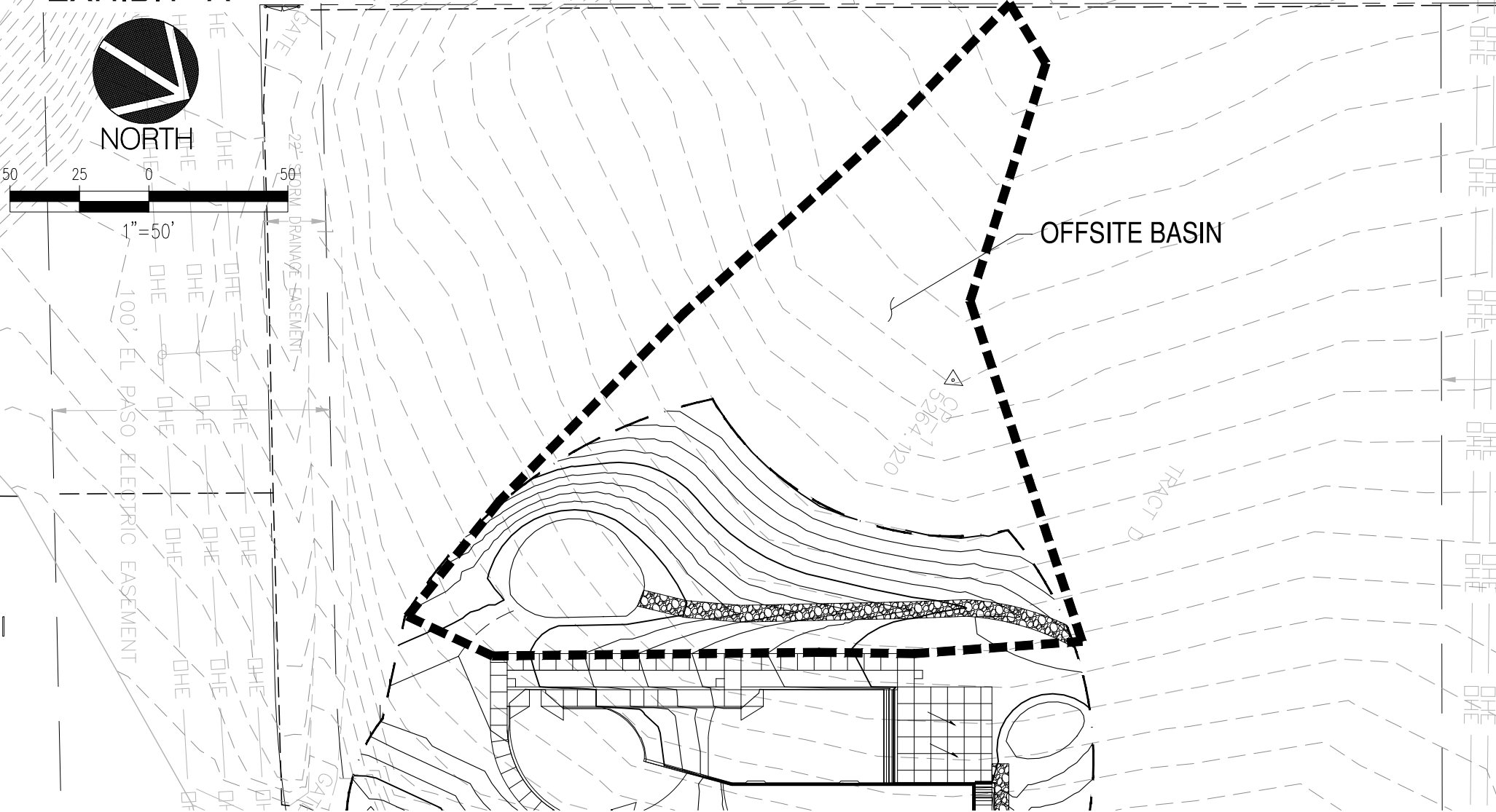
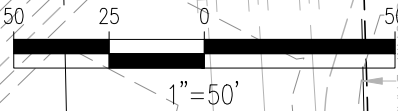
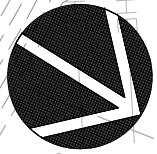
WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes _____ No _____ Copy Provided

DATE SUBMITTED: _____ By: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

EXHIBIT "A"



SHAWN MCWETHY PARK

Proposed Developed Conditions Basin Data Table

This table is based on the DPM Section 22.2, Zone: 1

Basin ID	Area	Area	Land Treatment Percentages				Q(100yr)	Q(100yr)	V(100yr)	V _(100yr-6hr)	V _(100yr-24hr)	V _(FIRST FLUSH)
	(SQ. FT)	(AC.)	A	B	C	D	(cfs/ac.)	(CFS)	(inches)	(CF)	(CF)	(CF)*
OFFSITE	28320	0.65	0.0%	0.0%	100.0%	0.0%	2.87	1.87	0.99	2336	2336	N/A
ONSITE	43001	0.99	0.0%	0.0%	85.5%	14.5%	3.09	3.05	1.13	4056	4295	177

* - REQUIRED VOLUME DETERMINED USING 0.44" (AFTER REMOVING 0.1" INITIAL ABSTRACTION, USED 0.34") OF RAINFALL ON ALL IMPERVIOUS AREA

