

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

August 1, 2023

David Thompson, PE
Thompson Engineering Consultants, Inc.
PO Box 65760
Albuquerque, NM 87193

**RE: 101 Pipe & Casing
5609 Alameda Place NE
Grading and Drainage Plan
Engineer's Stamp Date: 06/07/22
Hydrology File: C18D015**

Dear Mr. Thompson:

PO Box 1293

Based upon the information provided in your submittal received 07/24/2023, the Grading & Drainage Plan **is not** approved for Building Permit, Grading Permit and Work Order. The following comments need to be addressed for approval of the above referenced project:

Albuquerque

NM 87103

www.cabq.gov

1. Per the IDO § 6-4(Q), the property owner of the property is responsible for constructing the adjacent half of Alameda Place NE and the adjacent half of San Pedro Dr. NE to include curb & gutter, and sidewalk. The project will have to go to the Development Facilitation Team (DFT) for approval of the Infrastructure List which will have to be financially guaranteed.
2. Since Alameda Place NE will have curb & gutter per Item #1 above, please show that the spillway for the Stormwater Quality Pond goes into a sidewalk culvert per COA Standard Detail 2236.
3. Please show all the proposed work within the City's R.O.W. per Item #1.
4. Please provide the weir calculations, per DPM Article 6-16(A), for the sidewalk culvert. A coefficient of 2.7 is typically used for the weir equation $Q = CLH^{2/3}$.

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 (Dough Hughes, PE, jhughes@cabq.gov, 924-3420) 14 days prior to any earth disturbance.

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

Sincerely,

Renée C. Brissette

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

PO Box 1293

Albuquerque

NM 87103

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City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

Project Title: 101 PIPE AND CASING Building Permit # 10025 Hydrology File # _____

DRB# _____ EPC# _____

Legal Description: _____ City Address OR Parcel 5609 ALAMEDA PL. NE

Applicant/Agent: BOB MAC ARCHITECTURE Contact: BOB MCELHENY

Address: 9232 HILTON AVE. NE Phone: 505-262-0193

Email: BOB

Applicant/Owner: FIDEL NABOR Contact: FIDEL NABOR

Address: 5609 ALAMEDA PL. NE Phone: 1818-606-5592

Email: FNABABOR@101PIPE.COM

TYPE OF DEVELOPMENT: 1 PLAT (#of lots) RESIDENCE DRB SITE ADMIN SITE

RE-SUBMITTAL: YES X NO

DEPARTMENT: TRANSPORTATION X HYDROLOGY/DRAINAGE

Check all that apply:

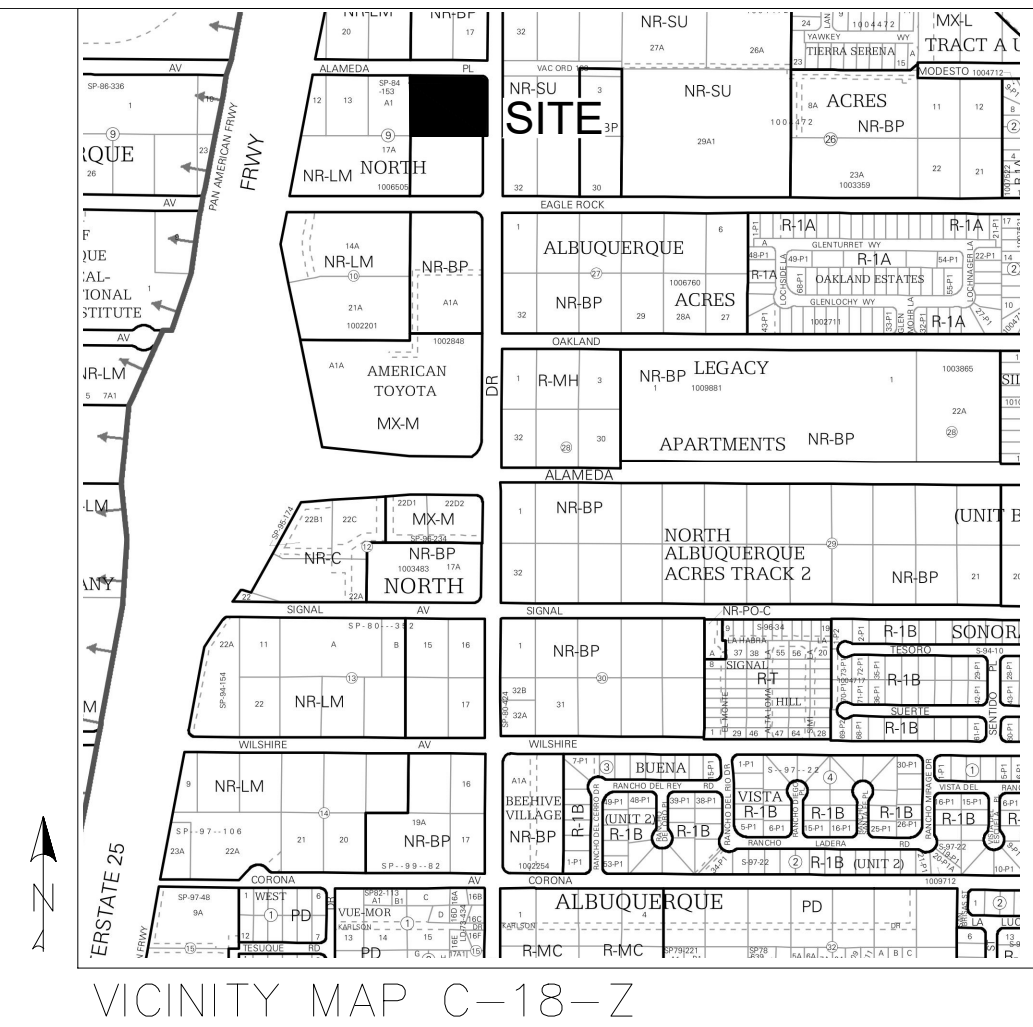
TYPE OF SUBMITTAL:

- ☐ ENGINEER/ARCHITECT CERTIFICATION
- ☐ PAD CERTIFICATION
- ☐ CONCEPTUAL G&D PLAN
- ☐ GRADING PLAN
- ☐ DRAINAGE REPORT
- ☒ DRAINAGE MASTER PLAN
- ☐ FLOOD PLAN DEVELOPMENT PERMIT APP.
- ☐ ELEVATION CERTIFICATE
- ☐ CLOMR/LOMR
- ☒ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ADMINISTRATIVE
- ☐ TRAFFIC CIRCULATION LAYOUT FOR DRB APPROVAL
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ STREET LIGHT LAYOUT
- ☐ OTHER (SPECIFY)
- ☐ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ CONCEPTUAL TCL/DRB APPROVAL
- ☐ 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
- ☐ FLOOD PLAN DEVELOPMENT PERMIT
- ☐ OTHER (SPECIFY) _____


DATE SUBMITTED: JUNE 29/2023



BASIN #	AREA (acre)	LAND TREATMENT				WEIGHTED E (in)	100-YEAR PRECIPITATION				
		A (%)	B (%)	C (%)	D (%)		V (6-hr) (acre-ft)	V (24-hr) (cu-ft)	V (24-hr) (acre-ft)	V (24-hr) (cu-ft)	Q (cfs)
EXISTING CONDITIONS											
SITE	1.6079	0.00	0.00	81.90	18.10	1.36	0.18	7,936	0.19	8,369	5.48
TOTAL RUNOFF	1.6079						0.18	7,936	0.19	8,369	5.48
FULL DEVELOPMENT CONDITIONS											
SITE	1.6079	0.00	15.00	57.00	28.00	1.47	0.20	8,596	0.21	9,266	5.53
TOTAL RUNOFF	1.6079						0.20	8,596	0.21	9,266	5.53
EXCESS PRECIP.		0.67	0.86	1.09	2.58	E (in)					
PEAK DISCHARGE		1.84	2.49	3.17	4.49	Q _{in} (cfs)					

ZONE = 3
 $P_{6HR} \text{ (in.)} = 2.43$
 $P_{24HR} \text{ (in.)} = 2.84$
 $P_{10DAY} \text{ (in.)} = 4.10$

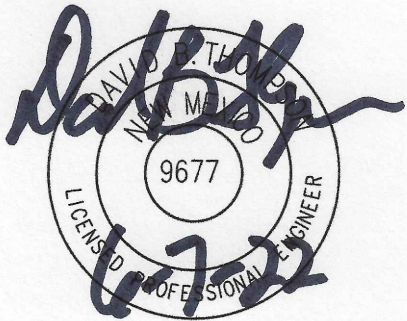
$WEIGHTED\ E\ (in) = (E_A)(\%)A + (E_B)(\%)B + (E_C)(\%)C + (E_D)(\%)D$
 $V_{6HR} \text{ (acre-ft)} = (WEIGHTED\ E)(AREA)/12$
 $V_{10DAY} \text{ (acre-ft)} = V_{6HR} + (A_0)/(P_{10DAY} - P_{6HR})/12$
 $Q \text{ (cfs)} = (Q_{PA})(A_A) + (Q_{PB})(A_B) + (Q_{PC})(A_C) + (Q_{PD})(A_D)$



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FAX: (505) 830-9248
tcnm@yahoo.com

	NO.	REVISION	BY	DATE
PROJECT:			DRAWN BY:	DEM
DATE:			CHECKED BY:	
HORIZ. SCALE:			APPROVED BY:	
VERT. SCALE:			FILE:	



101 PIPE & CASING SITE
5609 ALAMEDA PLACE NE

GRADING AND DRAINAGE PLAN

CITY/COUNTY REVIEW		
DEPARTMENT	SIGN-OFF	DATE
WASTE/WATER MGMT. DIV.		
WATER SERVICES		
SUBDIVISION ENG.		
STREETS		
TRAFFIC		
FOR CITY/COUNTY USE ONLY		

SHEET No.