

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

May 2, 2025

Bryan Bobrick, P.E.
Isaacson & Arfman, Inc.
128 Monroe St. N.E
Albuquerque, NM 87108

RE: Hilddale Residence
14700 Hilddale Rd. NE
Grading and Drainage Plans
Engineer's Stamp Date: 04/22/2025
Hydrology File: K23D052

Dear Mr. Bobrick:

Based upon the information provided in your submittal received 04/22/2025, the Grading & Drainage Plan is approved for Grading Permit and Building Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PO Box 1293

PRIOR TO CERTIFICATE OF OCCUPANCY:

Albuquerque

1. Engineer's Certification, per the DPM Part 6-14 (F): *Engineer's Certification Checklist For Non-Subdivision* is required.

NM 87103

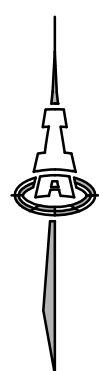
www.cabq.gov

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.
Senior Engineer, Hydrology
Planning Department, Development Review Services



THE APPROVAL OF THESE PLANS/REPORTS SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT THE CITY OF ALBUQUERQUE FROM REQUIRING CORRECTIONS FOR ERRORS OR DIMENSIONS IN PLANS, SPECIFICATIONS, OR CONSTRUCTION DOCUMENTS. SUCH APPROVED PLANS/REPORTS SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT AUTHORIZATION.

THE APPROVAL OF THESE PLANS/REPORTS SHALL EXPIRE TWO (2) YEARS AFTER THE APPROVAL DATE IF NO BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT.

TOPOGRAPHY:
ONSITE TOPOGRAPHY BY RUSS HUGG (1-FOOT INTERVAL).
OFFSITE TOPOGRAPHY IS BERNALILLO COUNTY 2-FOOT INTERVAL
CONTOURS.

EXISTING CONDITIONS:
THE 0.58-ACRE LOT BASED ON PREVIOUS COMPACTION AND HISTORIC SLOPES EXCEEDING 20% DRAINS FROM THE SOUTHEAST TO THE NORTHWEST AND DISCHARGES TO HILLDALE ROAD. THE LOT GENERATES A TOTAL OF 2.0 CFS.

OFFSITE FLOW:
AN UNDEVELOPED OPEN SPACE AREA TO THE SOUTHEAST DRAINS 6.8 CFS ACROSS THE SITE (BASINS OFF-1 - OFF-3).

DEVELOPED CONDITIONS:
THE LOT SHALL BE DEVELOPED WITH A SINGLE-DETACHED RESIDENTIAL HOME WITH DRIVEWAY AND LANDSCAPING. THE TOTAL FLOW GENERATED IN THE DEVELOPED CONDITION IS 2.2 CFS--THE 0.2 CFS EXCEEDING EXISTING DISCHARGE IS CONSIDERED NEGLIGIBLE.

OFFSITE FLOW FROM BASIN OFF-1 SHALL DRAIN VIA A SWALE TO A NEW SIDEWALK CULVERT IN HILLDALE ROAD. OFFSITE FLOW FROM BASINS OFF-2 AND OFF-3 SHALL BE ROUTED VIA A SWALE TO A SEDIMENT BASIN AND THEN OVERFLOW TO HILLDALE ROAD.

THE TOTAL DISCHARGE TO HILLDALE ROAD IS 6.9 CFS--5.9 CFS VIA THE DRIVEWAY AT THE NORTHWEST CORNER OF THE LOT AND 1.0 CFS VIA A NEW SIDEWALK CULVERT.

BASIN SUMMARY TABLE - PROPOSED CONDITIONS					LAND TREATMENTS			
BASIN ID	AREA (SF)	AREA (AC)	AREA (SQ. MI.)	Q100 (CFS)	%A	%B	%C	%D
1	6,660	0.1575	0.000246	0.6	0	18	54	28
2	8,383	0.1924	0.000301	0.7	0	20	59	21
3	6,440	0.1478	0.000231	0.6	0	15	45	40
4	3,596	0.0826	0.000129	0.3	0	0	100	0
			TOTAL	2.2				

IMPERV. AREA (SF)
1,916
1,739
2,553
-

For Zone 4			
EA =	0.76	QpA =	2.09
EB =	0.95	QpB =	2.73
EC =	1.20	QpC =	3.41
ED =	3.34	QpD =	4.78

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HILLDALE RESIDENCE
14700 HILLDALE RD

DESIGN	
ISSUE: DEVELOPMENT	
PROJECT NUMBER: IA 2411	
FILE:	-
DRAWN BY:	ANW
CHECKED BY:	GLD
DATE:	APRIL 14, 2025

[illegible]

SHEET TITLE

DRAINAGE BASIN MAP & CALCULATIONS

SHEET NUMBER

CG-102