

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

February 5, 2026

Robert Fierro, P.E.  
Fierro & Company  
3201 4<sup>th</sup> Street NW, Suite C  
Albuquerque, NM 87107

**RE: Lindo Mexico Restaurant  
3937 Coors Blvd NW  
Grading and Drainage Plan  
Engineer's Stamp Date: 1/26/26  
Hydrology File: G11D067H  
Case # HYDR-2025-00436**

Dear Mr. Fierro:

Based upon the information provided in your submittal received 01/26/2026, the Grading & Drainage Plan is approved for Grading Permit and Building Permit.

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.
2. Please provide the Drainage Covenant with Exhibit A for the stormwater quality ponds per Article 6-15(C) of the DPM prior to Permanent Release of Occupancy. Please submit the original copies along with the **\$ 25.00** recording fee check made payable to Bernalillo County to the Hydrology Section of Development Review Services on the Ground floor of Plaza de Sol. An application for a Covenant through ABQ-PLAN is also required for submission.

NM 87103

[www.cabq.gov](http://www.cabq.gov)

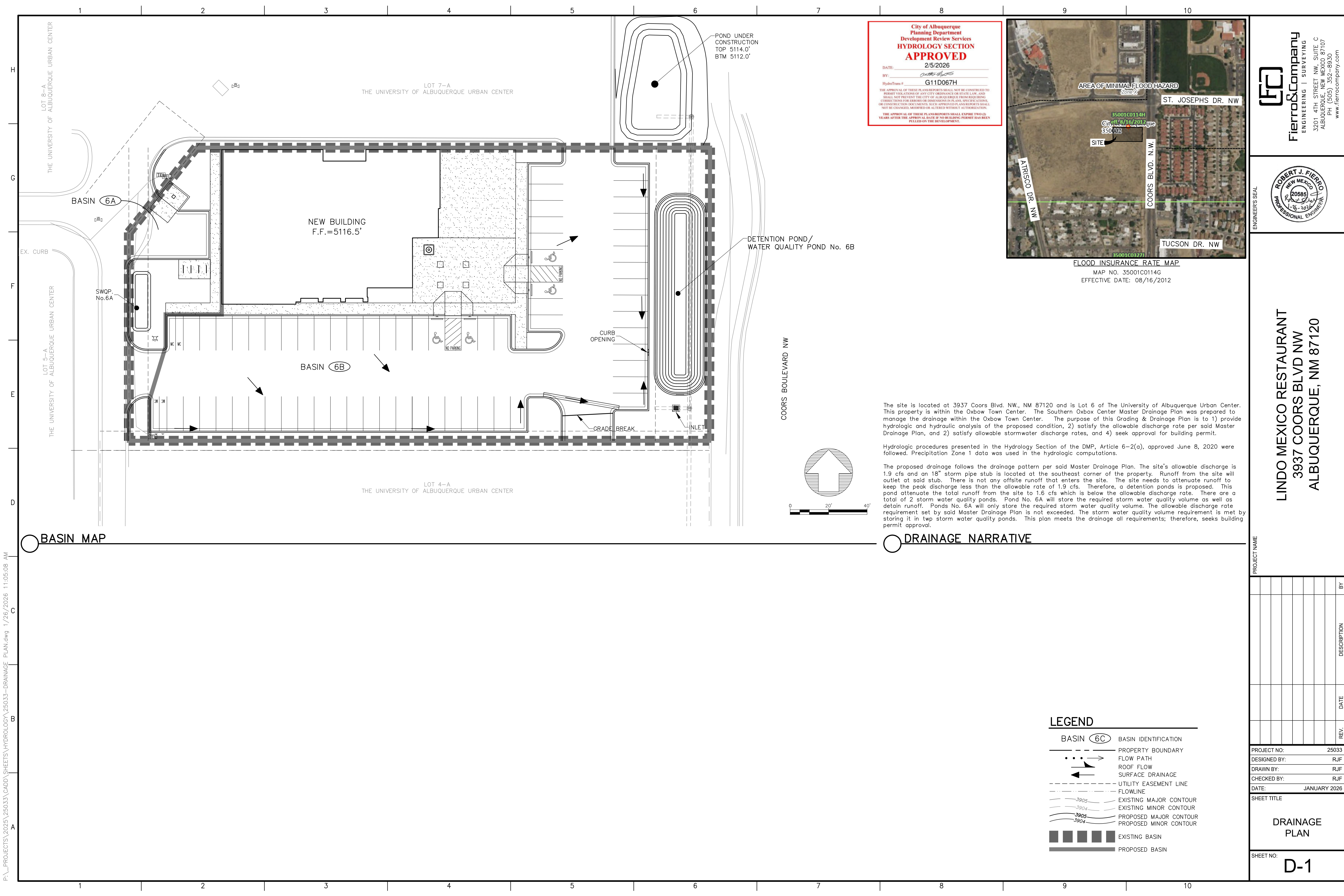
As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, [jhughes@cabq.gov](mailto: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](mailto:amontoya@cabq.gov).

Sincerely,

Anthony Montoya, Jr., P.E., CFM  
Senior Engineer, Hydrology  
Planning Department, Development Review Services





City of Albuquerque  
 Planning Department  
 Development Review Services  
**HYDROLOGY SECTION**  
**APPROVED**  
 DATE: 2/5/2026  
 BY: [Signature]  
 HydroTrans # G11D067H

THE APPROVAL OF THESE PLANS/REPORTS SHALL NOT BE CONSIDERED TO PERMIT VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT THE CITY OF ALBUQUERQUE FROM REQUESTING CORRECTIONS FOR ERRORS OR OMISSIONS IN PLANS, SPECIFICATIONS, OR CONSTRUCTION DOCUMENTS, SUCH AS 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 FILED ON THE DEVELOPMENT.



**Fierro & Company**  
 ENGINEERING | SURVEYING  
 3201 4TH STREET NW, SUITE C  
 ALBUQUERQUE, NEW MEXICO 87107  
 PH (505) 352-8930  
 www.fierrocompany.com



**LINDO MEXICO RESTAURANT**  
 3937 COORS BLVD NW  
 ALBUQUERQUE, NM 87120

The site is located at 3937 Coors Blvd. NW, NM 87120 and is Lot 6 of The University of Albuquerque Urban Center. This property is within the Oxbow Town Center. The Southern Oxbow Center Master Drainage Plan was prepared to manage the drainage within the Oxbow Town Center. The purpose of this Grading & Drainage Plan is to 1) provide hydrologic and hydraulic analysis of the proposed condition, 2) satisfy the allowable discharge rate per said Master Drainage Plan, and 3) satisfy allowable stormwater discharge rates, and 4) seek approval for building permit.

Hydrologic procedures presented in the Hydrology Section of the DMP, Article 6-2(a), approved June 8, 2020 were followed. Precipitation Zone 1 data was used in the hydrologic computations.

The proposed drainage follows the drainage pattern per said Master Drainage Plan. The site's allowable discharge is 1.9 cfs and an 18" storm pipe stub is located at the southeast corner of the property. Runoff from the site will outlet at said stub. There is not any offsite runoff that enters the site. The site needs to attenuate runoff to keep the peak discharge less than the allowable rate of 1.9 cfs. Therefore, a detention pond is proposed. This pond attenuate the total runoff from the site to 1.6 cfs which is below the allowable discharge rate. There are a total of 2 storm water quality ponds. Pond No. 6A will store the required storm water quality volume as well as detain runoff. Ponds No. 6A will only store the required storm water quality volume. The allowable discharge rate requirement set by said Master Drainage Plan is not exceeded. The storm water quality volume requirement is met by storing it in two storm water quality ponds. This plan meets the drainage all requirements; therefore, seeks building permit approval.

**BASIN MAP**

**DRAINAGE NARRATIVE**

**LEGEND**

	BASIN IDENTIFICATION
	PROPERTY BOUNDARY
	FLOW PATH
	ROOF FLOW
	SURFACE DRAINAGE
	UTILITY EASEMENT LINE
	FLOWLINE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING BASIN
	PROPOSED BASIN

PROJECT NAME	REV.	DATE	DESCRIPTION	BY

PROJECT NO: 25033  
 DESIGNED BY: R/JF  
 DRAWN BY: R/JF  
 CHECKED BY: R/JF  
 DATE: JANUARY 2026  
 SHEET TITLE  
**DRAINAGE PLAN**  
 SHEET NO:  
**D-1**

P:\PROJECTS\2025\25033\CADD\HYDROLOGY\25033--DRAINAGE\_PLAN.dwg 1/26/2026 11:05:08 AM

City of Albuquerque  
 Planning Department  
 Development Review Services  
**HYDROLOGY SECTION**  
**APPROVED**  
 DATE: 2/5/2026  
 BY: [Signature]  
 HydroTeam # G11D067H

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ENGINEER'S SEAL

**LINDO MEXICO RESTAURANT**  
 3937 COORS BLVD NW  
 ALBUQUERQUE, NM 87120

PROJECT NAME	DESCRIPTION	DATE	REV.	BY

PROJECT NO: 25033  
 DESIGNED BY: RJF  
 DRAWN BY: RJF  
 CHECKED BY: RJF  
 DATE: JANUARY 2026  
 SHEET TITLE  
**DRAINAGE CALCULATIONS**  
 SHEET NO:  
**D-2**

HYDROLOGY SUMMARY						
LAND TREATMENT PERCENTAGES						
BASIN	Total Area		Land Treatment (%)			
	(sq.ft.)	(acres)	A	B	C	D
P6(a) PROPOSED	4377	0.100	0.0	44.0	0.0	75.0
P6(b) PROPOSED	40850	0.938	0.0	17.0	5.0	78.0

**LAND TREATMENT PERCENTAGES**

```

*S LINDO MEXICO RESTAURANT
*S 3937 COORS BLVD NW Albuquerque, NM
*S Drainage Basin Analysis
*S COMBINED BASIN ANALYSIS
*
START TIME=0.0 PUNCH CODE=0 PRINT CODE=0
LOCATION City of Albuquerque
*
*S RAINFALL DATA FROM COA DMP
*S*****
*S 100 YEAR 6HR STORM PROPOSED CONDITION
RAINFALL TYPE=1
          QUARTER=1.02 IN
          HOUR= 1.69 IN
          SIX HR= 2.17 IN
          DAY= 2.49 IN DT=0.01
*
****Adding Sediment Bulk Factor to all Basins
SEDIMENT BULK CODE=1 BULK FACTOR=1.00
*
*** BASIN 6A ****
COMPUTE LT TP LCODE=1 UPLAND/LAG TIME METHOD
              NK=1 ISLOPE=1
              LENGTH=100 FT SLOPE=0.010 K=0.7
              KN=0.05 CENTROID DIST=.5
COMPUTE NM HYD ID=1 HYD NO=6A DA=0.0001570 SQ MI
              PER A=0 PER B=44 PER C=0 PER D=75
              TP=0.0 MASSRAIN=-1
*
PRINT HYD ID=1 CODE=1
*
*** BASIN 6b ****
COMPUTE LT TP LCODE=1 UPLAND/LAG TIME METHOD
              NK=1 ISLOPE=1
              LENGTH=150 FT SLOPE=0.010 K=0.7
              KN=0.05 CENTROID DIST=.5
COMPUTE NM HYD ID=2 HYD NO=6B DA=0.0014653 SQ MI
              PER A=0 PER B=17 PER C=5 PER D=78
              TP=0.0 MASSRAIN=-1
*
PRINT HYD ID=2 CODE=1
*
* Total Flow from Basin (6A + 6B)
ADD HYD ID=1 HYD NO=AP1 ID I=1 ID II=2
PRINT HYD ID=1 CODE=1
*
****Route AP1 through Pond 1
*
ROUTE RESERVOIR ID=10 HYD NO=Pond1 INFLOW ID=1 CODE=1
                OUTFLOW (CFS) STORAGE (AC FT) ELEV
                0.0 0.0 5112.0
                0.01 0.01753 5112.5
                0.015 0.03879 5113.0
                0.020 0.06392 5113.5
                1.00 0.07798 5113.75
                1.00 0.09309 5114.0
*
FINISH
  
```

AHYMO PROGRAM SUMMARY TABLE (AHYMO-S4) - Ver. S4.02a, Rel: 02a RUN DATE (MON/DAY/YR) =01/25/2026  
 INPUT FILE = P:\\_PROJECTS\2025\25033\ENGINEER\AHYMO\25033P.txt USER NO. = AHYMO-S4TempUser05901704

COMMAND	IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE	NOTATION
COMPUTE NM HYD	6A	-	1	0.00016	0.36	0.012	1.47763	1.530	3.562	PER IMP=	63.03
COMPUTE NM HYD	6B	-	2	0.00147	3.50	0.130	1.66625	1.530	3.731	PER IMP=	78.00
ADD HYD	AP1	1&	2	0.00162	3.86	0.143	1.64774	1.530	3.715		
ROUTE RESERVOIR	Pond1	1	10	0.00162	1.60	0.121	1.39906	1.640	1.541	AC-FT=	NaN
FINISH											

SITE DISCHARGE =1.60 CFS,  
 WHICH IS LOWER THAN THE ALLOWABLE  
 DISCHARGE OF 1.9 CFS.

POND No. 6a STORM WATER QUALITY						
Stage Storage Rating Curve						
ELEV. (ft)	Area (sq ft)	Volume (ac-ft)	Cumulative Vol. (ac-ft)	Cumulative Vol. (cu.ft.)	Q <sub>RELEASE</sub> (cu.ft.)	Q <sub>RELEASE</sub> (cfs)
5112.5	1686	0.039	0.018	0.01753	764	0.00
5113.5	181	0.004	0	0.00000	0	0.0
5114	289	0.007	0.003	0.00270	118	0.0

POND No. 6b DETENTION POND						
Stage Storage Rating Curve						
ELEV. (ft)	Area (sq ft)	Volume (ac-ft)	Cumulative Vol. (ac-ft)	Cumulative Vol. (cu.ft.)	Q <sub>RELEASE</sub> (cu.ft.)	Q <sub>RELEASE</sub> (cfs)
5112	1369	0.031	0	0.00000	0	0.00
5112.5	1686	0.039	0.018	0.01753	764	0.00
5113	2017	0.046	0.021	0.03879	1690	0.00
5113.5	2362	0.054	0.025	0.06392	2784	0.00
5113.75	2540	0.058	0.014	0.07798	3397	1.60
5114	2721	0.062	0.029	0.09309	4055	1.90

STORMWATER QUALITY VOLUME:  
 $SWQV = \frac{1}{2}(R_p * Area_p)$   
 WHERE,  $RD = 0.42"$

BASIN 6A  
 AREA<sub>D</sub> = 3,283 SQ.FT.  
 SWQV = 115 CU.FT.

BASIN 6B  
 AREA<sub>D</sub> = 31,863 SQ.FT.  
 SWQV = 1,115 CU.FT.

**AHYMO INPUT**

**AHYMO RESULTS**

**STAGE-STORAGE TABLE**

**S.W.Q.V. CALCULATIONS**

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