## CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



February 1, 2024

Ronald Bohannan, P.E. Tierra West, LLC 5571 Midway Park Place NE Albuquerque, NM, 87109

RE: Love's – Broadway / Sunport 3200 Broadway Blvd SE Conceptual Grading and Drainage Plan Engineer's Stamp Date: 01/26/24 Hydrology File: M14D038A

Dear Mr. Bohannan:

PO Box 1293

Based upon the information provided in your submittal received 01/26/2024, the Conceptual Grading & Drainage Plan is preliminary approved for action by the Development Facilitation Team (DFT) on Site Plan for Building Permit.

Albuquerque

#### PRIOR TO BUILDING PERMIT:

NM 87103

1. Please submit a more detailed Grading & Drainage Plan to Hydrology for review and approval. This digital (.pdf) is emailed to <a href="PLNDRS@cabq.gov">PLNDRS@cabq.gov</a> along with the Drainage Transportation Information Sheet.

www.cabq.gov

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.

If you have any questions, please contact me at 924-3995 or <a href="mailto:rbrissette@cabq.gov">rbrissette@cabq.gov</a>.

Sincerely,

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

Renée C. Brissette

Planning Department

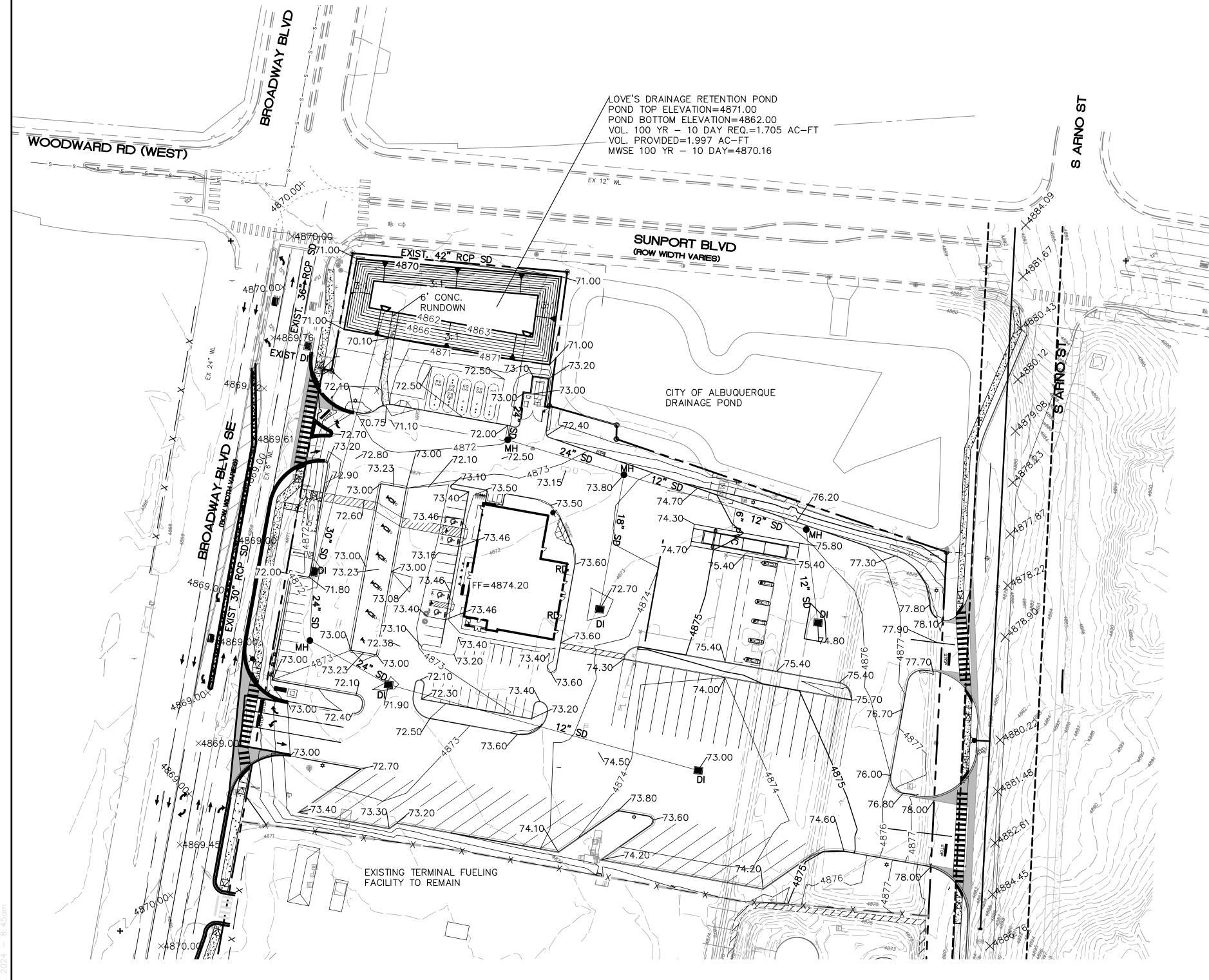


# **City of Albuquerque**

Planning Department
Development & Building Services Division

### DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title:		Hydrology File #	
Legal Description:			
City Address, UPC, OR Parcel	:		
Applicant/Agent:		Contact:	
		Phone:	
Email:			
Applicant/Owner:		Contact:	
		Phone:	
Email:			
(Please note that a DFT SITE is or	ne that needs Site Plan A	pproval & ADMIN SITE is one that does not need it.)	
TYPE OF DEVELOPMENT:	PLAT (#of lots)	RESIDENCE	
	DFT SITE	ADMIN SITE	
RE-SUBMITTAL: YES	NO		
DEPARTMENT: TRANS	SPORTATION	HYDROLOGY/DRAINAGE	
Cheek all that apply under Dath	the Type of Submittel	and the Type of Approval Sought:	
TYPE OF SUBMITTAL:	the Type of Submittal	TYPE OF APPROVAL SOUGHT:	
ENGINEER/ARCHITECT CERTIFICATION		BUILDING PERMIT APPROVAL	
PAD CERTIFICATION		CERTIFICATE OF OCCUPANCY	
CONCEPTUAL G&D PLAN		CONCEPTUAL TCL DFT APPROVAL	
GRADING & DRAINAGE PLAN		PRELIMINARY PLAT APPROVAL	
DRAINAGE REPORT		FINAL PLAT APPROVAL	
DRAINAGE MASTER PLAN		SITE PLAN FOR BLDG PERMIT DFT	
CLOMR/LOMR		APPROVAL	
TRAFFIC CIRCULATION LAYOUT (TCL) ADMINISTRATIVE		SIA/RELEASE OF FINANCIAL GUARANTEE	
		FOUNDATION PERMIT APPROVAL	
TRAFFIC CIRCULATION LAYOUT FOR DFT APPROVAL		GRADING PERMIT APPROVAL	
TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT		SO-19 APPROVAL	
		PAVING PERMIT APPROVAL	
OTHER (SPECIFY)		GRADING PAD CERTIFICATION	
		WORK ORDER APPROVAL	
		CLOMR/LOMR	
		OTHER (SPECIFY)	
DATE SUBMITTED:			



Weighted E Method

292,169.0 6.71 0.010 0% 0.00 25% 1.68 0% 0.00

Area Area Treatment A Treatment B Treatment C Treatment D Weighted E Volume Flow (acres) (sq miles) % (acres) % (acres) % (acres) % (acres) (ac-ft) cfs

1.677

Zone 2

**Equations:** 

 $P_{10DAYS} = 3.67 IN$  $P_{6HR} = 2.20 IN$ 

Total 292,169.0 6.707 0.01048

Volume = Weighted D \* Total Area

 $V_{10-DAY} = V_{6HR} + A_D(P_{10DAYS} - P_{6HR})/12$  IN/FT

Flow = Qa \* Aa + Qb \* Ab + Qc \* Ac + Qd \* Ad

Weighted E = Ea\*Aa + Eb\*Ab + Ec\*Ac + Ed\*Ad / (Total Area)

#### NOTICE TO CONTRACTORS

- 1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- 2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HERON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
- 3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- 4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONNECTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
- 6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- 7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

#### **EROSION CONTROL NOTES**

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- 2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- 3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.
- 6. ALL SLOPES NOT STABILIZED AT THE END OF THE PROJECT SHALL BE STABILIZED IN ACCORDANCE WITH COA SPECS OR ₹" GRAVEL

Development Review Services HYDROLOGY SECTION PRELIMINARY APPROVED DATE: 02/01/24
BY: William M14D038A THESE PLANS AND/OR REPORT ARE HYDROLOGY FOR BUILDING PERMIT APPROVAL





### LEGEND

	CURB & GUTTER
	BOUNDARY LINE
	RIGHT-OF-WAY
	BUILDING
	SIDEWALK
5010	CONTOUR MAJOR
5011	CONTOUR MINOR
x 5048.25	SPOT ELEVATION
	FLOW ARROW
	EXISTING CURB & GUTTER
	EXISTING BOUNDARY LINE
5010	EXISTING CONTOUR MAJOR
	EXISTING CONTOUR MINOR

ENGINEER'S SEAL	LOVE'S SUNPORT STATION, NEW MEXICO	<i>DRAWN BY</i> sb
	STATISH, NEW MEXICO	DATE
CENT P. CAD	CONCEPTUAL	01-24-24
16212 0 %	GRADING PLAN	
		SHEET #
01-26-24	TIERRA WEST, LLC  5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109	GR-1
VINCENT P. CARRICA P.E. #16212	(505) 858-3100 www.tierrawestllc.com	<i>JOB #</i> 2022031

THE PROPOSED LOVE'S TRAVEL CENTER IS TO BE CONSTRUCTED ON THE NORTHERN 6.71 ACRES OF THE EXISTING TERMINAL FUELING FACILITY. THE SITE IS CURRENTLY DEVELOPED WITH EXISTING BUILDINGS, PAVING AND ABOVE GROUND FUEL STORAGE TANKS. THE SITE CURRENTLY GENERALLY DRAINS FROM EAST TO WEST WITH SOME ONSITE PONDING AND SOME RUNOFF ENTERING THE BROADWAY BOULEVARD RIGHT OF WAY. THE EXISTING FACILITIES WITHIN THE NORTHERN 6.71 ACRES WILL BE REMOVED AND THE NEW LOVE'S CONSTRUCTED WITH AUTO AND TRUCK FUELING AREAS, A C-STORE, A CAT SCALE, AND ASSOCIATED PARKING FIELDS. DRAINAGE FROM THE PROPOSED DEVELOPMENT WILL BE CONVEYED TO A PROPOSED RETENTION POND LOCATED IN THE NORTHWEST CORNER OF THE SITE. THE POND WILL HAVE THE CAPACITY TO RETAIN THE 100-YEAR, 10-DAY

DRAINAGE ON THE EXISTING TERMINAL FUELING FACILITY SOUTH OF THE LOVE'S TRAVEL CENTER DEVELOPMENT WILL REMAIN AS IT CURRENTLY EXISTS.

DRAINAGE NARRATIVE:

STORM VOLUME.

1.089 25.79

47,417 CU.FT. 74,260 CU.FT.

LOVE'S POND 100YR,24HR

100YR, 10DAY



