

CITY OF ALBUQUERQUE



Timothy M. Keller, Mayor

February 22, 2018

Tyler J. Ashton, P.E.
Wilson & Company
4401 Masthead St. NE
Albuquerque, NM, 87113

**RE: Gruet Winery Phase 2
8400 Pan American Fwy NE
Grading and Drainage Plan
Engineer's Stamp Date: 02/15/18
Hydrology File: C18D002**

Dear Mr. Ashton:

PO Box 1293

Based upon the information provided in your submittal received 02/08/2018 and additional information received on 02/22/18, the Grading and Drainage Plan is approved Site Plan for Administrative Amendment..

Albuquerque

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

NM 87103

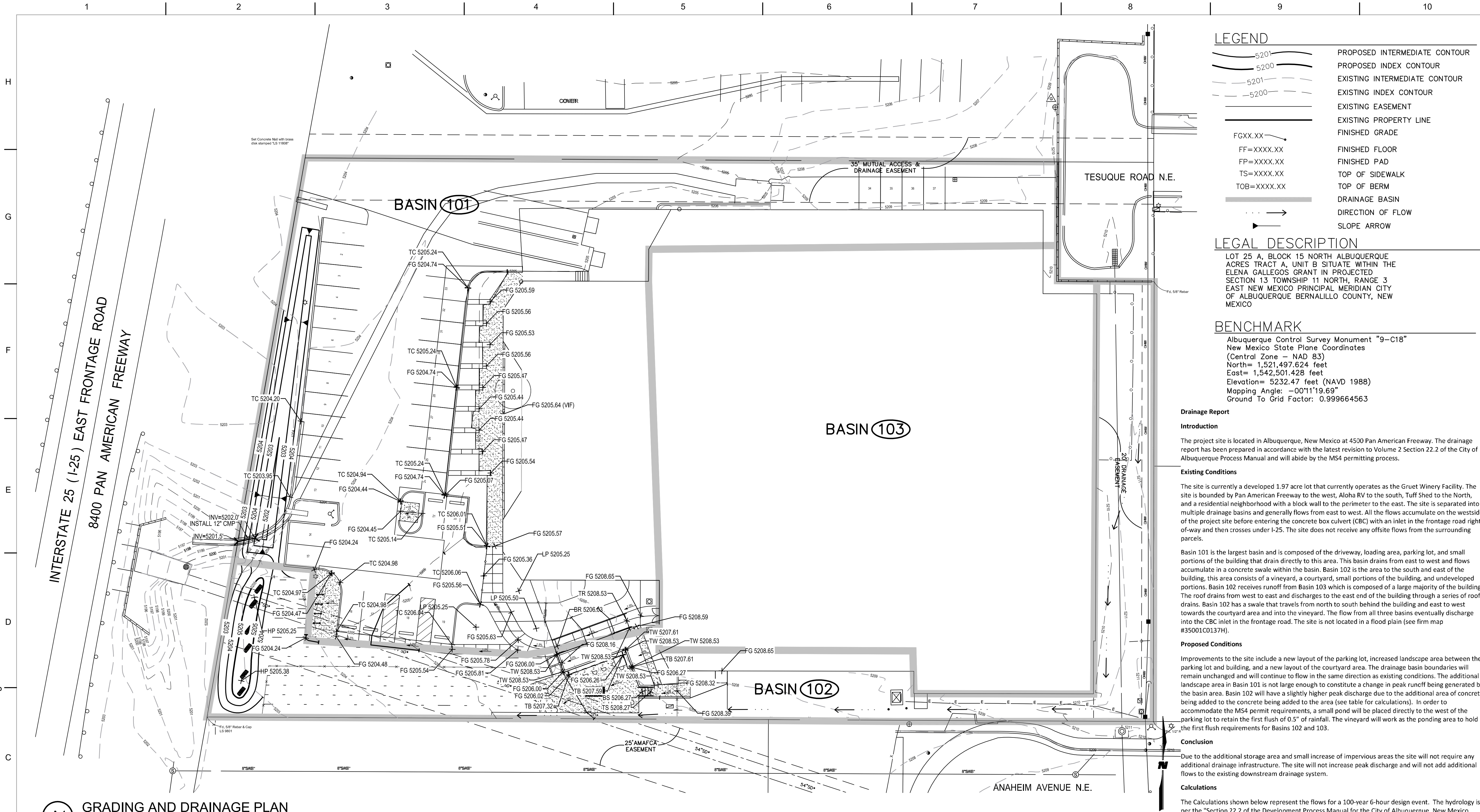
Sincerely,

www.cabq.gov

Renée C. Brissette

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

M:\MSD\17-600-084-002_Disciplines\REFERENCES\1315 L201-GRDG PLAN.dwg



A1 GRADING AND DRAINAGE PLAN

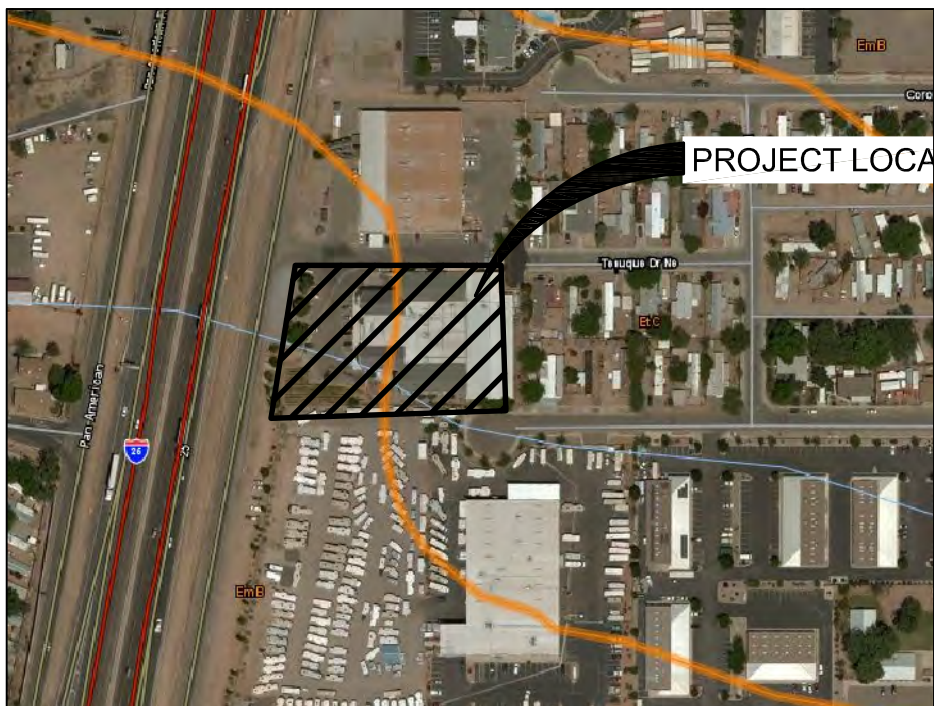
SCALE: 1" = 20'



VICINITY MAP

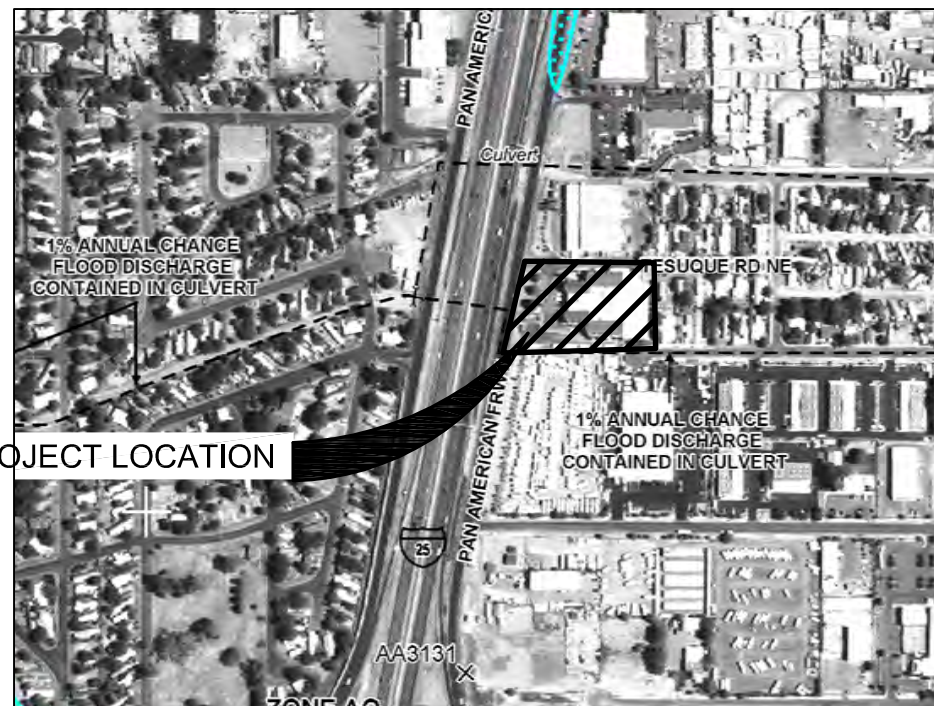
ZONE ATLAS PAGE C18
8400 PAN AMERICAN FREEWAY NE,
ALBUQUERQUE, NM 87113

LEGAL DESCRIPTION: LOT 25A BLK 15
NORTH ALBUQUERQUE ACRES TR A UNIT B CONT 1.9696
AC M/L OR 85,796 SQ. FT M/L



SOILS MAP

REFERENCE: USDA SOILS MAP SURVEY



FLOOD MAP

REFERENCE: FEMA FIRM MAP 35001C0137H
8/16/2012

Basin Data: COA Zone: 2
Precip. in: 2.2

Existing Conditions

Basin	Total	Total	A		B		C		D		Peak	Excess Precip.	Volume	Volume	Volume
	Area (sq ft)	Area (Ac)	%	Ac	%	Ac	%	Ac	%	Ac	Discharge, Q	(Weighted)	(6 _{hr} , acre-ft)	(24 _{hr} , acre-ft)	(10 _{day} , acre-ft)
101	38269.1	0.879	0	0	0	0	7	0.06	93	0.82	4.0	2.05	0.1501	0.1815	0.2502
102	15356.9	0.353	0	0	0	0	85	0.30	15	0.05	1.2	1.28	0.0376	0.0396	0.0440
103	37191.9	0.854	0	0	0	0	0	0.00	100	0.85	2.1	2.12	0.1508	0.1836	0.2554

Proposed Conditions

Basin		Total	A		B		C		D		Peak	Excess Precip.	Volume	Volume	Volume
		Area	%	Ac	%	Ac	%	Ac	%	Ac	Discharge, Q	(Weighted d)	(6 _{hr} , acre-ft)	(24 _{hr} , acre-ft)	(10 _{day} , acre-ft)
101	38269.1	0.879	0	0.00	0	0.00	10	0.09	90	0.79	4.0	2.02	0.1480	0.1783	0.2448
102	15356.9	0.353	0	0.00	0	0.00	73	0.26	27	0.10	1.3	1.40	0.0411	0.0447	0.0527
103	37191.9	0.854	0	0.00	0	0.00	0	0.00	100	0.85	4.0	2.12	0.1508	0.1836	0.2554

Pond 1

Stage	Area	Storage	Cum. Storage	Cum. Storage
(MSL)	ft ²	ft ³	ft ³	Ac-ft
5204	42	0.000	0	
5203	672	357,000	357	
5202	1528	1100,000	1457	0.0416

Vineyard Pond

Stage	Area	Storage	Cum. Storage	Cum. Storage
(MSL)	ft ²	ft ³	ft ³	Ac-ft
5393	2630	0.000	0	
5394	3301	2965,500	2966	0.0681

MS4 Calculations

Basin	Area	Volume	Volume
	ft ²	ft ³	Ac-ft
101	38269.1	1594.55	0.04
102	15356.9	639.87	0.01
103	37191.9	1549.66	0.04
Total			0.080

PERMIT DOCUMENTS

REVISIONS:

NO	DATE	NOTE



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GRUET WINERY ABQ, PHASE 2

8400 PAN AMERICAN FWY NE
ALBUQUERQUE, NM 87113

SCALE: AS NOTED
DATE: 5 FEBRUARY 2018
PROJECT: 1315
DRAWN BY:

GRADING AND DRAINAGE PLAN

C102