CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director

Mayor Timothy M. Keller

July 26, 2023

Scott Eddings, PE
Huitt-Zollers Inc.
333 Rio Rancho Dr NE, Suite 101
Rio Rancho, NM 87124

RE: Mesquite Production
Grading & Drainage Plans
Engineer's Stamp Date: 07/25/23
Hydrology File: D08D001

Dear Mr. Eddings:

Based upon the information provided in your submittal received 07/26/2023, the Grading & Drainage Plans are 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

Albuquerque

NM 87103

www.cabq.gov

PRIOR TO WORK ORDER (DRC PLANS):

1. Please submit the Grading & Drainage Plan for the off-site gravel road with bar ditches to Hydrology for review and approval. This digital (.pdf) is emailed to PLNDRS@cabq.gov along with the Drainage Transportation Information Sheet. This approved G&D will then be used in the DRC Plans.

PRIOR TO CERTIFICATE OF OCCUPANCY:

1. Engineer's Certification, per the DPM Part 6-14 (F): *Engineer's Certification Checklist For Non-Subdivision* is required.
2. Please provide the executed paper Drainage Covenant (latest revision) printed on one-side only with Exhibit A and a check for **$25.00** made out to "**Bernalillo County**" for the temporary retention ponds per Article 6-15(C) of the DPM to Hydrology for review at Plaza de Sol.

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, 924-3420) 14 days prior to any earth disturbance.

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: Mesquite Productions, Inc. **Building Permit #**_____ **Hydrology File #**_____
DRB#_____ **EPC#**_____
Legal Description: Lots 1, 11A (portion), 12 Volcano Cliffs Unit 9 City Address OR Parcel 9999 Via Real

Applicant/Agent: Huitt-Zollars, Inc **Contact:** Scott Eddings
Address: 333 Rio Rancho Blvd, Rio Rancho, NM **Phone:** 505-235-7211
Email: seddings@huitt-zollars.com

Applicant/Owner: Mesquite Productions, Inc **Contact:** Julie Hartley
Address: 1601 Commercial Street NE **Phone:** 612-940-0954
Email: juliehartely@gmail.com

TYPE OF DEVELOPMENT: ___PLAT (#of lots) __RESIDENCE __DRB SITE ___ ADMIN SITE: X___
RE-SUBMITTAL: __X___YES_____ NO

DEPARTMENT: _____TRANSPORTATION __X__ HYDROLOGY/DRAINAGE
Check all that apply:

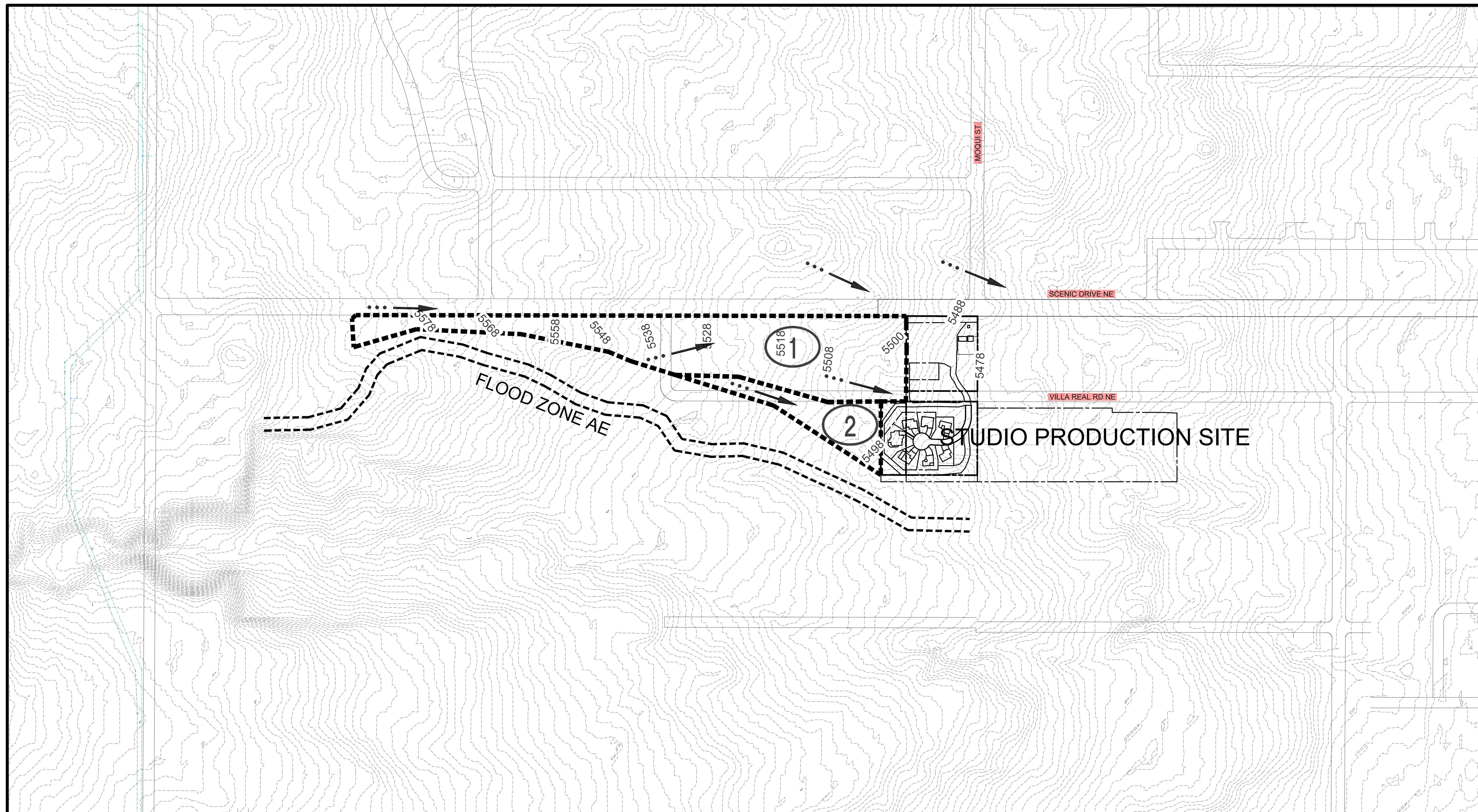
TYPE OF SUBMITTAL:

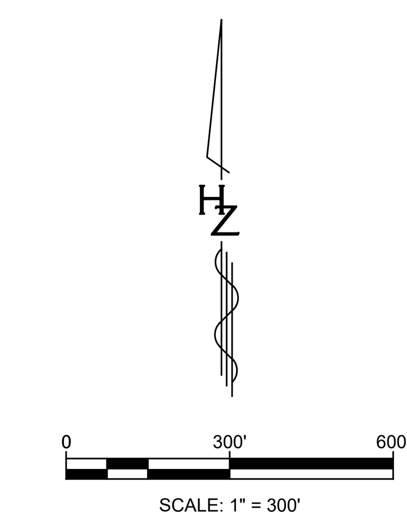
___ENGINEER/ARCHITECT CERTIFICATION
___PAD CERTIFICATION
___CONCEPTUAL G&D PLAN
X_GRADING PLAN
___DRAINAGE REPORT
___DRAINAGE MASTER PLAN
___FLOOD PLAN DEVELOPMENT PERMIT APP.
___ELEVATION CERTIFICATE
___CLOMR/LOMR
___TRAFFIC CIRCULATION LAYOUT (TCL) ADMINISTRATIVE
___TRAFFIC CIRCULATION LAYOUT FOR DRB APPROVAL
___TRAFFIC IMPACT STUDY (TIS)
___STREET LIGHT LAYOUT
___OTHER (SPECIFY)
___PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

_X 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
_X_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: July 25,2023





BASIN MAP

LEGEND

FLOW PATH

100 BASIN ID

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 07/26/23
BY: Renée C. Brissette
HydroTrans # D08D001
THE APPROVAL OF THESE PLANS/REPORT SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT THE CITY OF ALBUQUERQUE FROM REQUIRING CORRECTION, OR ERROR OR DIMENSIONS IN PLANS, SPECIFICATIONS, OR CONSTRUCTIONS. SUCH APPROVED PLANS SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT AUTHORIZATION.

SURVEY GENERAL NOTES:

1. CONTOUR DATA SHOWN ON THIS SHEET IF FROM BERNALILLO COUNTY PUBLIC DATA

HYDROLOGY

BASIN 1

BASIN 1 AREA = 13.5 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

	EXISTING CONDITIONS:	AREA	PROPOSED CONDITIONS: AREA		ALLOWED CONDITIONS: AREA	
TREATMENT A	100%	13.5 ac.	100%	13.5 ac.	100%	13.5 ac.
TREATMENT B	0%	0 ac.	0%	0.00 ac.	0%	0 ac.
TREATMENT C	0%	0 ac.	0%	0 ac.	0%	0 ac.
TREATMENT D	0%	0 ac.	0%	0.00 ac.	0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(13.50)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 13.50 ac.
= 0.55 in.
V100-360 = (0.55)x(13.50)/ 12 = 0.618750 ac-ft = 26953 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(13.50)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 20.79 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(13.50)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 13.50 ac.
= 0.55 in.
V100-360 = (0.55)x(13.50)/ 12.0 = 0.618750 ac-ft = 26953 cf

BASIN 2

BASIN 2 AREA = 3 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

	EXISTING CONDITIONS:	AREA	PROPOSED CONDITIONS: AREA		ALLOWED CONDITIONS: AREA	
TREATMENT A	100%	3 ac.	100%	3.002 ac.	100%	3 ac.
TREATMENT B	0%	0 ac.	0%	0.00 ac.	0%	0 ac.
TREATMENT C	0%	0 ac.	0%	0 ac.	0%	0 ac.
TREATMENT D	0%	0 ac.	0%	0.00 ac.	0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(3.00)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 3.00 ac.
= 0.55 in.
V100-360 = (0.55)x(3.00)/ 12 = 0.137571 ac-ft = 5993 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(3.00)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 4.62 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(3.00)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 3.00 ac.
= 0.55 in.
V100-360 = (0.55)x(3.00)/ 12.0 = 0.137571 ac-ft = 5993 cf

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
FOUND MONUMENT "5-R15 2006"
STANDARD 3 1/4" ALUMINUM DISC
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE-N.A.D. 1983)
N= 1,452,149.458
E= 1,529,053.738
ELEV=5306.674 (NAVD 1988)
GROUND TO GRID FACTOR=0.999664300
MAPPING ANGLE=-0°12'47.60"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
SCOTT A. EDDINGS
NEW MEXICO
12856
REGISTERED PROFESSIONAL ENGINEER
7/25/23

NO. DATE REMARKS BY
REVISIONS
DESIGN
DESIGNED BY: SAE DATE: JUNE 20, 2023
DRAWN BY: CAT DATE: JUNE 20, 2023
DWG NAME: Studio_Production_Drainage_Report.dwg PROJ #:
CHECKED BY: SAE DATE: JUNE 20, 2023

nm811 Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG CALL 811 OR 260-1990

Designed By: HZ HUITT ZOLLARS

FILM TEAM

TITLE:

OFF-SITE BASIN

Design Review Committee	City Engineer	Last Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
	D-8-Z	C100	

JULY 14, 2023

Plotted: 7/25/2023 1:50:29 PM, By: Eddings, Scott
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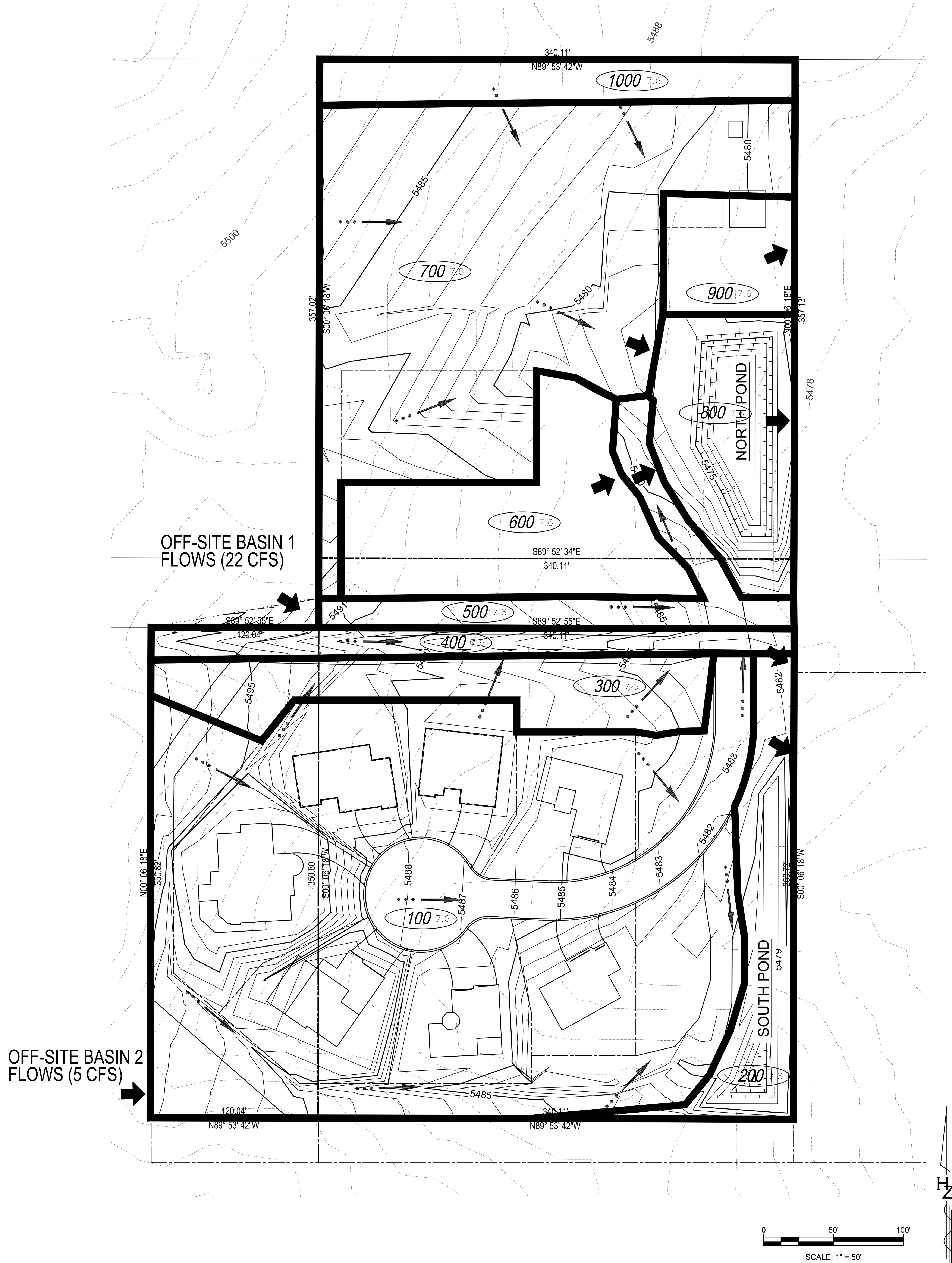
Last Saved:7/25/2023 1:49:37 PM, seddings



DRAINAGE PLAN:

LOCATION: SUBJECT PROPERTY IS LOCATED WITHIN SECTIONS 201 & 21, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN (N.M.P.M.), ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

SITE AREA: APPROX. 6.9 ACRES

FLOOD HAZARD STATEMENT: THE SITE IS NOT LOCATED IN A HAZARD AREA ACCORDING TO F.E.M.A FIRM MAP DATED SEPTEMBER 26, 2008 (MAP NUMBER 35001C0111G).

EXISTING DRAINAGE CONDITIONS:
THE PROJECT SITE IS UNDEVELOPED AND GENERALLY SLOPES FROM WEST TO EAST. THE UNDEVELOPED LAND PRODUCES 8.84 CFS. OFF SITE RUNOFF THAT CURRENTLY TRAVELS THROUGH THE PROJECT SITE CONTRIBUTES A PEAK DISCHARGE OF APPROX. 48 CFS.

THE DRAINAGE ANALYSIS FOR THIS SITE IS IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL. THE DESIGN STORM USED FOR DEVELOPED CONDITIONS IS THE 100–YEAR, 6–HOUR STORM EVENT FOR RUNOFF COMPUTATIONS.

DEVELOPED DRAINAGE CONDITIONS:
THE SITE IS PROPOSED FOR A TEMPORARY STUDIO PRODUCTION SITE.

THE STUDIO, BASIN 100 DISCHARGES INTO THE RETENTION POND (SOUTH POND) BASIN 200.

BASIN 400 IS A DITCH CONVEYING OFF–SITE BASIN 1 AND BASIN 300 THRU THE SITE.

BASIN 500 AN ACCESS ROAD AND SLOPE AND DICHARGES INTO THE RETENTION POND BASIN 800.

BASIN 700 IS TEMPORARY PARKING AND DISCHARGES INTO THE RETENTION POND BASIN 800.

BASIN 800 IS THE NORTH POND.

BASIN 900 IS UNDISTURBED.

BASIN 1000 IS UNDISTURBED.

THE SITE DISCHARGES BELOW HISTORIC FLOW RATES.

SOUTH POND CAPACITY IS 17,322 CF AND REQUIRES 12,757 CF. EXCEEDS REQUIREMENT.

NORTH POND CAPACITY IS 30,666 CF AND REQUIRES 5,692 CF. EXCEEDS REQUIREMENT.

THE SITE IS CURRENTLY NOT LOCATED IN A FLOOD HAZARD ZONE ACCORDING TO THE NATIONAL FLOOD HAZARD FIRMETTE SECTION 35001C0111G.

LEGEND

- FLOW PATH
- BASIN ID
- WATER BLOCK
- NEW CURB & GUTTER

LEGEND

- BASIN BOUNDARY
- DISCHARGE LOCATION
- FLOW DIRECTION
- GRADE BREAK
- LIMITS OF DISTURBANCE
- BASIN ID
- AREA (SF)

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 07/26/23
BY: Renée C. Brissette
HydroTrans # D08D001

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NORTH POND

North Pond - Rating Curve

Elevation	Area	Average Area	Volume	Volum	Accumulative Volum	Accumulative Volume
	sf	sf	Cu-Ft	Acre-Ft	Cu-Ft	Acre-Ft
0.0	1415					
		1759	1759	0.04	1759	0.04
1.0	2102					
		2501	2501	0.06	4260	0.10
2.0	2900					
		3335	3335	0.08	7595	0.17
3.0	3769					
		4239	4239	0.10	11833	0.27
4.0	4708					
		5212	5212	0.12	17045	0.39
5.0	5716					
		6255	6255	0.14	23300	0.53
6.0	6793					
		7366	7366	0.17	30666	0.70
7.0	7939					

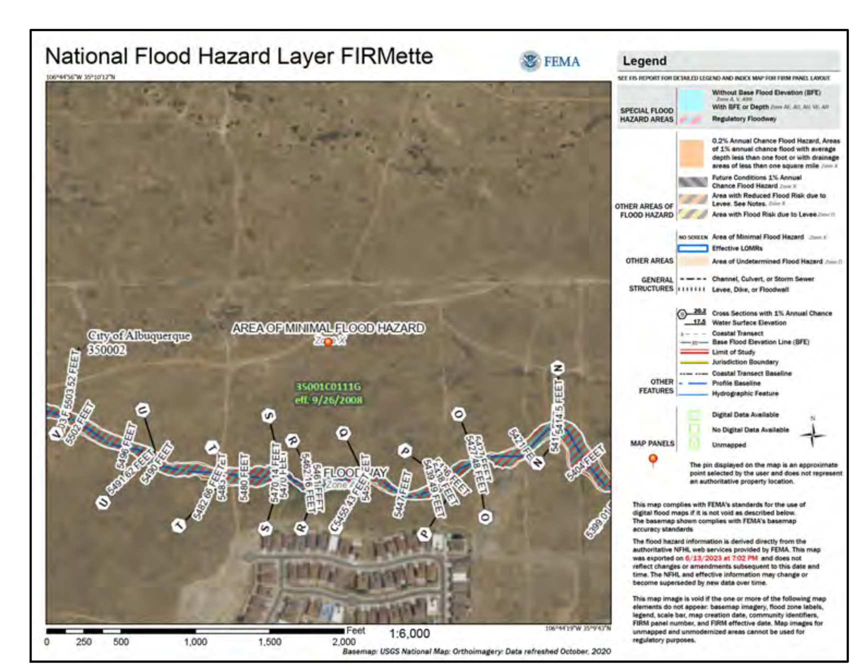
SOUTH POND

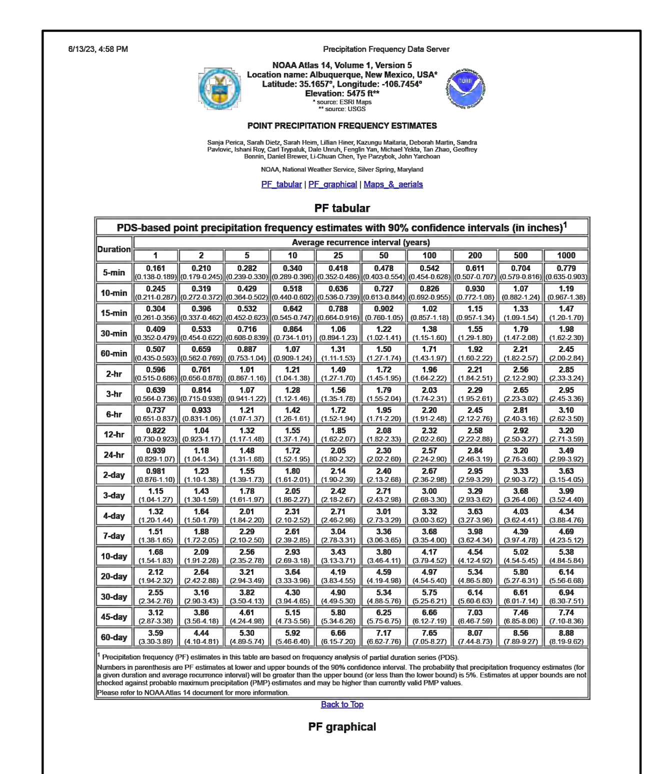
South Pond - Rating Curve

Elevation	Area	Average Area	Volume	Volum	Accumulative Volum	Accumulative Volume
	sf	sf	Cu-Ft	Acre-Ft	Cu-Ft	Acre-Ft
0.0	39					
		278	278	0.01	278	0.01
1.0	516					
		529	529	0.01	807	0.02
2.0	542					
		782	782	0.02	1589	0.04
3.0	1022					
		1650	1650	0.04	3239	0.07
4.0	2278					
		3054	3054	0.07	6293	0.14
5.0	3830					
		4659	4659	0.11	10952	0.25
6.0	5488					
		6370	6370	0.15	17322	0.40
7.0	7252					

SURVEY GENERAL NOTES:

1. DATE OF AERIAL SURVEY: MAY 30, 2023.
2. SUBJECT PROPERTY IS LOCATED WITHIN SECTIONS 201 & 21, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN (N.M.P.M.), ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.
3. SUBJECT PROPERTY IS LOCATED IN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% CHANCE OF FLOODPLAIN) PER FEMA FLOOD INSURANCE RATE MAP No. 35001C0111G WITH A REVISED DATE OF SEPTEMBER 26, 2008.
4. SURVEY IS BASED ON NEW MEXICO STATE PLANE COORDINATE SYSTEM (NAD83, CENTRAL ZONE). UNITS ARE US SURVEY FOOT (USFT).
5. PROJECT COMBINED FACTOR FOR GROUND TO GRID TRANSFORMATION OF THE HORIZONTAL COORDINATES (SCALED ABOUT N = 0, E = 0) IS 0.9996661210.
6. ALL DISTANCES SHOWN ARE GROUND DISTANCES.





6/13/23, 4:58 PM — Precipitation Frequency Data Server

NOAA Atlas 14, Volume 1, Version 5
Location name: Albuquerque, New Mexico, USA*
Latitude: 35.1657°, Longitude: -106.7454°
Elevation: 5475 ft**

POINT PRECIPITATION FREQUENCY ESTIMATES

NOAA, National Weather Service, Silver Spring, Maryland

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	1	2	5	10	25	50	100	200	500	1000
5-min	0.161	0.210	0.282	0.340	0.418	0.478	0.542	0.611	0.704	0.779
10-min	0.245	0.319	0.429	0.518	0.636	0.727	0.826	0.930	1.07	1.19
15-min	0.304	0.396	0.532	0.642	0.788	0.902	1.02	1.15	1.33	1.47
30-min	0.409	0.533	0.716	0.864	1.06	1.22	1.38	1.55	1.79	1.98
60-min	0.507	0.659	0.887	1.07	1.31	1.50	1.71	1.92	2.21	2.45
2-hr	0.596	0.761	1.01	1.21	1.49	1.72	1.96	2.21	2.56	2.85
3-hr	0.639	0.814	1.07	1.28	1.56	1.79	2.03	2.29	2.65	2.95
6-hr	0.737	0.933	1.21	1.42	1.72	1.95	2.20	2.45	2.81	3.10
12-hr	0.822	1.04	1.32	1.55	1.85	2.08	2.32	2.58	2.92	3.20
24-hr	0.939	1.18	1.48	1.72	2.05	2.30	2.57	2.84	3.20	3.49
2-day	0.981	1.23	1.55	1.80	2.14	2.40	2.67	2.95	3.33	3.63
3-day	1.15	1.43	1.78	2.05	2.42	2.71	3.00	3.29	3.68	3.99
4-day	1.32	1.64	2.01	2.31	2.71	3.01	3.32	3.63	4.03	4.34
7-day	1.51	1.88	2.29	2.61	3.04	3.36	3.68	3.98	4.39	4.69
10-day	1.68	2.09	2.56	2.93	3.43	3.80	4.17	4.54	5.02	5.38
20-day	2.12	2.64	3.21	3.64	4.19	4.59	4.97	5.34	5.80	6.14
30-day	2.55	3.16	3.82	4.30	4.90	5.34	5.75	6.14	6.61	6.94
45-day	3.12	3.86	4.61	5.15	5.80	6.25	6.66	7.03	7.46	7.74
60-day	3.59	4.44	5.30	5.92	6.66	7.17	7.65	8.07	8.56	8.88

PF graphical

Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG CALL 811 OR 260-1990

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
FOUND MONUMENT "5-R15 2006"
STANDARD 3 1/4" ALUMINUM DISC
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE-N.A.D. 1983)
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E= 1,529,053.738
ELEV=5306.674 (NAVD 1988)
GROUND TO GRID FACTOR=0.999664300
MAPPING ANGLE=-0°12'47.60"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
SCOTT A. EDDINGS, NEW MEXICO, 12856, REGISTERED PROFESSIONAL ENGINEER
7/25/23

REVISIONS
NO. DATE REMARKS BY

DESIGN
DESIGNED BY: SAE DATE: JUNE 20, 2023
DRAWN BY: CAT DATE: JUNE 20, 2023
DWG NAME: Studio_Production_Drainage_Report.dwg PROJ #:
CHECKED BY: SAE DATE: JUNE 20, 2023

Designed By: HUITT ZOLLARS

FILM TEAM

TITLE:

DRAINAGE PLAN

Design Review Committee	City Engineer	Mo./Day/Yr.	Mo./Day/Yr.

Last Update

City Project No.	Zone Map No.	Sheet	Of
	D-8-Z	C101	

JULY 14, 2023

Plotted: 7/25/2023 1:52:26 PM, By:Eddings, Scott
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Last Saved:7/25/2023 1:49:37 PM, seddings

BASIN 100 AREA = 2.78 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

	EXISTING CONDITIONS:	AREA	PROPOSED CONDITIONS: AREA	
TREATMENT A	100%	2.78 ac.	0%	0 ac.
TREATMENT B	0%	0 ac.	30%	0.83 ac.
TREATMENT C	0%	0 ac.	28%	0.778 ac.
TREATMENT D	0%	0 ac.	42%	1.17 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(2.78)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 2.78 ac.
= 0.55 in.
V100-360 = (0.55)x(2.78)/ 12 = 0.127417 ac-ft = 5550 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(2.78)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 4.28 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.00)+(0.73)x(0.83)+(0.95)x(0.78)+(2.24)x(1.17)/ 2.78 ac.
= 1.43 in.
V100-360 = (1.43)x(2.78)/ 12.0 = 0.330311 ac-ft = 14388 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.00)+(2.16)x(0.83)+(2.87)x(0.78)+(4.12)x(1.17)= 8.85 cfs

BASIN 200 AREA = 0.64 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

	EXISTING CONDITIONS:	AREA	PROPOSED CONDITIONS: AREA			AREA
TREATMENT A	100%	0.64 ac.	0%	0 ac.	100%	0.64 ac.
TREATMENT B	0%	0 ac.	0%	0.00 ac.	0%	0 ac.
TREATMENT C	0%	0 ac.	0%	0 ac.	0%	0 ac.
TREATMENT D	0%	0 ac.	100%	0.64 ac.	0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.64)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.64 ac.
= 0.55 in.
V100-360 = (0.55)x(0.64)/ 12 = 0.029282 ac-ft = 1276 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(0.64)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.98 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.00)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.64)/ 0.64 ac.
= 2.24 in.
V100-360 = (2.24)x(0.64)/ 12.0 = 0.119259 ac-ft = 5195 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.00)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.64)= 2.63 cfs

BASIN 300 AREA = 0.39 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

	EXISTING CONDITIONS:	AREA	PROPOSED CONDITIONS: AREA			AREA
TREATMENT A	100%	0.39 ac.	0%	0 ac.	100%	0.39 ac.
TREATMENT B	0%	0 ac.	0%	0.00 ac.	0%	0 ac.
TREATMENT C	0%	0 ac.	0%	0 ac.	0%	0 ac.
TREATMENT D	0%	0 ac.	100%	0.39 ac.	0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.39)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.39 ac.
= 0.55 in.
V100-360 = (0.55)x(0.39)/ 12 = 0.017766 ac-ft = 774 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(0.39)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.60 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.00)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.39)/ 0.39 ac.
= 2.24 in.
V100-360 = (2.24)x(0.39)/ 12.0 = 0.072357 ac-ft = 3152 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.00)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.39)= 1.60 cfs

BASIN 400 AREA = 0.21 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

	EXISTING CONDITIONS:	AREA	PROPOSED CONDITIONS: AREA			AREA
TREATMENT A	100%	0.21 ac.	0%	0 ac.	100%	0.21 ac.
TREATMENT B	0%	0 ac.	0%	0.00 ac.	0%	0 ac.
TREATMENT C	0%	0 ac.	100%	0.214 ac.	0%	0 ac.
TREATMENT D	0%	0 ac.	0%	0.00 ac.	0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.21)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.21 ac.
= 0.55 in.
V100-360 = (0.55)x(0.21)/ 12 = 0.009815 ac-ft = 428 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(0.21)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.33 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.00)+(0.73)x(0.00)+(0.95)x(0.21)+(2.24)x(0.00)/ 0.21 ac.
= 0.95 in.
V100-360 = (0.95)x(0.21)/ 12.0 = 0.016953 ac-ft = 738 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.00)+(2.16)x(0.00)+(2.87)x(0.21)+(4.12)x(0.00)= 0.61 cfs

BASIN 500 AREA = 0.26 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

	EXISTING CONDITIONS:	AREA	PROPOSED CONDITIONS: AREA			AREA
TREATMENT A	100%	0.26 ac.	0%	0 ac.	100%	0.26 ac.
TREATMENT B	0%	0 ac.	100%	0.26 ac.	0%	0 ac.
TREATMENT C	0%	0 ac.	0%	0 ac.	0%	0 ac.
TREATMENT D	0%	0 ac.	0%	0.00 ac.	0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.26)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.26 ac.
= 0.55 in.
V100-360 = (0.55)x(0.26)/ 12 = 0.012016 ac-ft = 523 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(0.26)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.40 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.00)+(0.73)x(0.26)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.26 ac.
= 0.73 in.
V100-360 = (0.73)x(0.26)/ 12.0 = 0.015949 ac-ft = 695 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.00)+(2.16)x(0.26)+(2.87)x(0.00)+(4.12)x(0.00)= 0.57 cfs

BASIN 600 AREA = 0.53 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

	EXISTING CONDITIONS:	AREA	PROPOSED CONDITIONS: AREA			AREA
TREATMENT A	100%	0.53 ac.	100%	0.532 ac.	100%	0.53 ac.
TREATMENT B	0%	0 ac.	0%	0.00 ac.	0%	0 ac.
TREATMENT C	0%	0 ac.	0%	0 ac.	0%	0 ac.
TREATMENT D	0%	0 ac.	0%	0.00 ac.	0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.53)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.53 ac.
= 0.55 in.
V100-360 = (0.55)x(0.53)/ 12 = 0.024401 ac-ft = 1063 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(0.53)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.82 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.53)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.53 ac.
= 0.55 in.
V100-360 = (0.55)x(0.53)/ 12.0 = 0.024401 ac-ft = 1063 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.53)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.82 cfs

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 07/26/23
BY: Renée C. Brissette
HydroTrans # D08D001
THE APPROVAL OF THESE PLANS/REPORT SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT THE CITY OF ALBUQUERQUE FROM REQUIRING CORRECTION, OR ERROR OR DIMENSIONS IN PLANS, SPECIFICATIONS, OR CONSTRUCTIONS. SUCH APPROVED PLANS SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT AUTHORIZATION.

SCOTT A. EDDINGS NEW MEXICO 12856 REGISTERED PROFESSIONAL ENGINEER 7/25/23

nm811 Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG CALL 811 OR 260-1990

AS BUILT INFORMATION
CONTRACTOR DATE
WORK STAKED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
FOUND MONUMENT "5-R15 2006"
STANDARD 3 1/4" ALUMINUM DISC
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE-N.A.D. 1983)
N= 1,452,149.458
E= 1,529,053.738
ELEV=5306.674 (NAVD 1988)
GROUND TO GRID FACTOR=0.999664300
MAPPING ANGLE=-0°12'47.60"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

NO. DATE REMARKS BY
REVISIONS
DESIGN
DESIGNED BY: SAE DATE: JUNE 20, 2023
DRAWN BY: CAT DATE: JUNE 20, 2023
DWG NAME: Studio_Production_Drainage_Report.dwg PROJ #:
CHECKED BY: SAE DATE: JUNE 20, 2023

Designed By: HZ HUITT ZOLLARS

FILM TEAM

TITLE:
HYDROLOGY

JULY 14, 2023

Design Review Committee	City Engineer	Last Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. | Zone Map No. D-8-Z | Sheet C102 Of

Plotted: 7/25/2023 1:53:18 PM, By: Eddings, Scott
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Last Saved:7/25/2023 1:53:07 PM, seddings

BASIN 700 AREA = 1.56 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

EXISTING CONDITIONS:		AREA	PROPOSED CONDITIONS:		AREA		AREA
TREATMENT A	100%	1.56 ac.	0%	0 ac.		100%	1.56 ac.
TREATMENT B	0%	0 ac.	20%	0.31 ac.		0%	0 ac.
TREATMENT C	0%	0 ac.	80%	1.249 ac.		0%	0 ac.
TREATMENT D	0%	0 ac.	0%	0.00 ac.		0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(1.56)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 1.56 ac.
= 0.55 in.
V100-360 = (0.55)x(1.56)/ 12 = 0.071565 ac-ft = 3117 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(1.56)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 2.40 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.00)+(0.73)x(0.31)+(0.95)x(1.25)+(2.24)x(0.00)/ 1.56 ac.
= 0.91 in.
V100-360 = (0.91)x(1.56)/ 12.0 = 0.117886 ac-ft = 5135 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.00)+(2.16)x(0.31)+(2.87)x(1.25)+(4.12)x(0.00)= 4.26 cfs

BASIN 800 AREA = 0.4 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

EXISTING CONDITIONS:		AREA	PROPOSED CONDITIONS:		AREA		AREA
TREATMENT A	100%	0.4 ac.	0%	0 ac.		100%	0.4 ac.
TREATMENT B	0%	0 ac.	0%	0.00 ac.		0%	0 ac.
TREATMENT C	0%	0 ac.	0%	0 ac.		0%	0 ac.
TREATMENT D	0%	0 ac.	100%	0.40 ac.		0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.40)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.40 ac.
= 0.55 in.
V100-360 = (0.55)x(0.40)/ 12 = 0.018222 ac-ft = 794 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(0.40)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.61 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.00)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.40)/ 0.40 ac.
= 2.24 in.
V100-360 = (2.24)x(0.40)/ 12.0 = 0.074212 ac-ft = 3233 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.00)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.40)= 1.64 cfs

BASIN 900 AREA = 0.4 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

EXISTING CONDITIONS:		AREA	PROPOSED CONDITIONS:		AREA		AREA
TREATMENT A	100%	0.4 ac.	100%	0.398 ac.		100%	0.4 ac.
TREATMENT B	0%	0 ac.	0%	0 ac.		0%	0 ac.
TREATMENT C	0%	0 ac.	0%	0 ac.		0%	0 ac.
TREATMENT D	0%	0 ac.	0%	0.00 ac.		0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.40)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.40 ac.
= 0.55 in.
V100-360 = (0.55)x(0.40)/ 12 = 0.018222 ac-ft = 794 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(0.40)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.61 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.40)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.40 ac.
= 0.55 in.
V100-360 = (0.55)x(0.40)/ 12.0 = 0.018222 ac-ft = 794 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.40)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.61 cfs

BASIN 1000 AREA = 0.24 ac.

DRAINAGE
PRECIPITATION: 360 = 2.17 in.
1440 = 2.49 in.
10day = 3.9 in.

	EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A	0.55 in.	1.54 cfs/ac.
TREATMENT B	0.73 in.	2.16 cfs/ac.
TREATMENT C	0.95 in.	2.87 cfs/ac.
TREATMENT D	2.24 in.	4.12 cfs/ac.

EXISTING CONDITIONS:		AREA	PROPOSED CONDITIONS:		AREA		AREA
TREATMENT A	100%	0.24 ac.	100%	0.242 ac.		100%	0.24 ac.
TREATMENT B	0%	0 ac.	0%	0.00 ac.		0%	0 ac.
TREATMENT C	0%	0 ac.	0%	0 ac.		0%	0 ac.
TREATMENT D	0%	0 ac.	0%	0.00 ac.		0%	0 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.24)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.24 ac.
= 0.55 in.
V100-360 = (0.55)x(0.24)/ 12 = 0.011069 ac-ft = 482 cf

EXISTING PEAK DISCHARGE:

Q100 = (1.54)x(0.24)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.37 cfs

PROPOSED EXCESS PRECIPITATION:

Weighted E = (0.55)x(0.24)+(0.73)x(0.00)+(0.95)x(0.00)+(2.24)x(0.00)/ 0.24 ac.
= 0.55 in.
V100-360 = (0.55)x(0.24)/ 12.0 = 0.011069 ac-ft = 482 cf

PROPOSED PEAK DISCHARGE:

Q100 = (1.54)x(0.24)+(2.16)x(0.00)+(2.87)x(0.00)+(4.12)x(0.00)= 0.37 cfs

Plotted: 7/25/2023 1:54:06 PM, By:Eddings, Scott
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Last Saved:7/25/2023 1:53:54 PM, seddings

AS BUILT INFORMATION
CONTRACTOR DATE
WORK STAKED BY DATE
NO VARIANCES ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
FOUND MONUMENT "5-R15 2006"
STANDARD 3 1/4" ALUMINUM DISC
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE-N.A.D. 1983)
N= 1,452,149.458
E= 1,529,053.738
ELEV=5306.674 (NAVD 1988)
GROUND TO GRID FACTOR=0.999964300
MAPPING ANGLE=0°12'47.60"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

SCOTT A. EDDINGS NEW MEXICO 12858 REGISTERED PROFESSIONAL ENGINEER 7/25/23

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 07/26/23
BY: Renée C. Brissette
HydroTrans # D08D001
THE APPROVAL OF THESE PLANS/REPORT SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT THE CITY FROM REQUIRING THE NECESSARY CORRECTION, OR ERROR OR OMISSION IN PLANS, SPECIFICATIONS, OR CONSTRUCTIONS. SUCH APPROVED PLANS SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT AUTHORIZATION.

NO. DATE REMARKS BY
REVISIONS
DESIGN
DESIGNED BY: SAE DATE: JUNE 20, 2023
DRAWN BY: CAT DATE: JUNE 20, 2023
DWG NAME: Studio_Production_Drainage_Report.dwg PROJ #:
CHECKED BY: SAE DATE: JUNE 20, 2023

Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG CALL 811 OR 260-1990

Designed By:
HUITT ZOLLARS

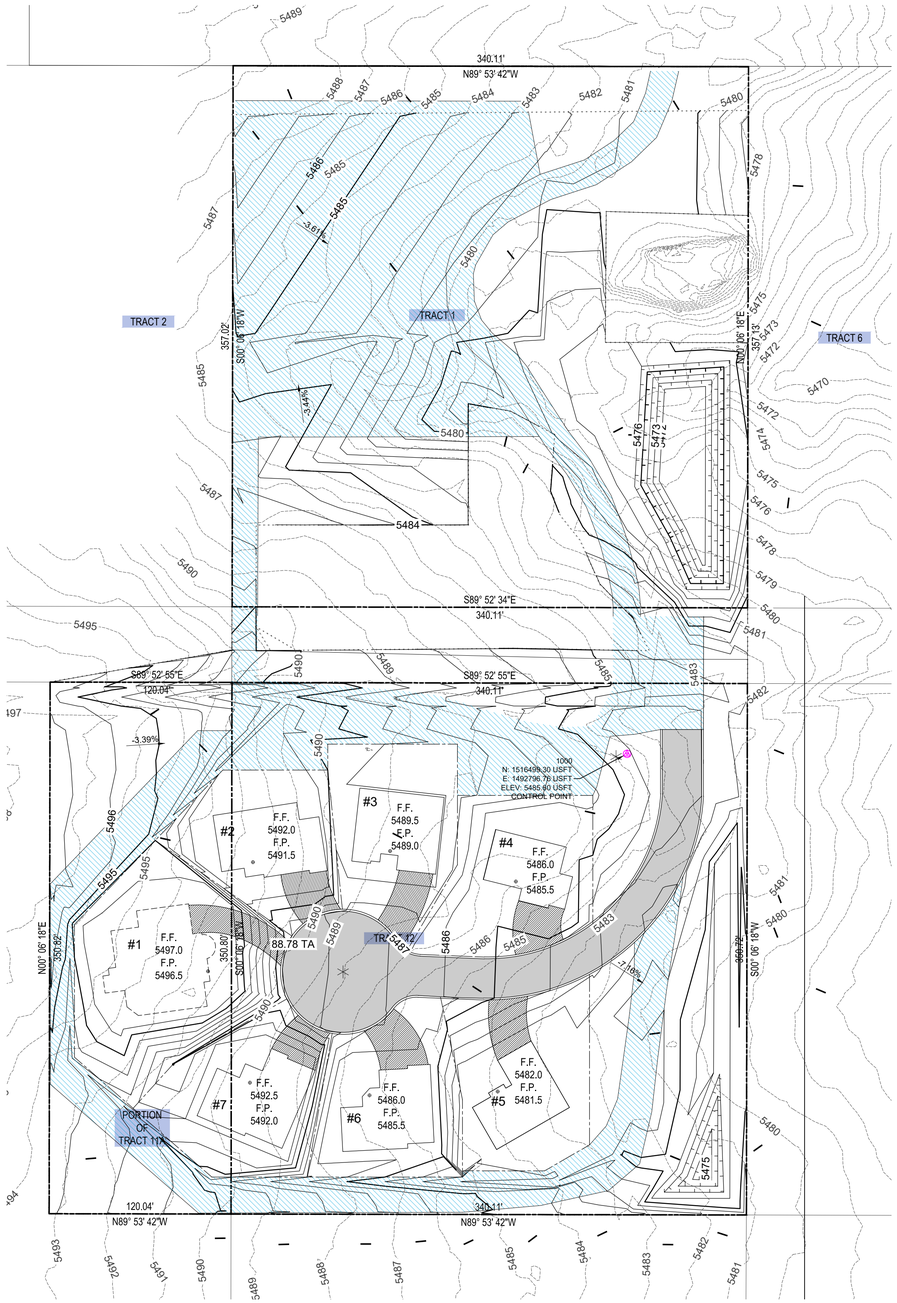
FILM TEAM

TITLE:
HYDROLOGY

JULY 14, 2023

Design Review Committee | City Engineer | Last Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. | Zone Map No. D-8-Z | Sheet C103 Of

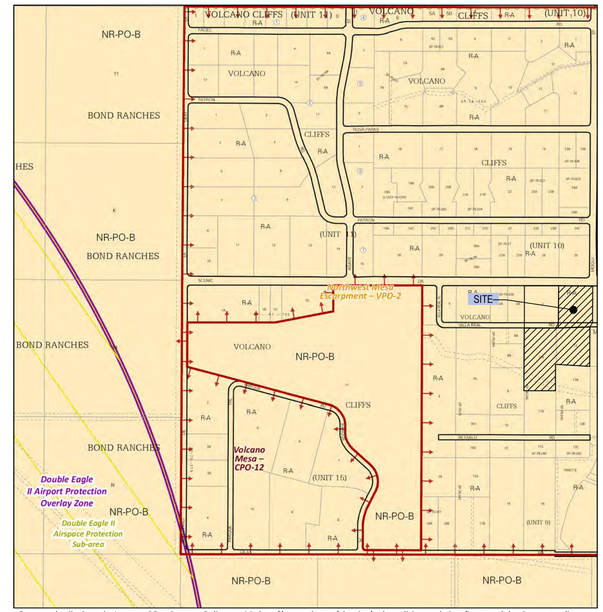


GRADING PLAN

0 50' 100'
SCALE: 1" = 50'

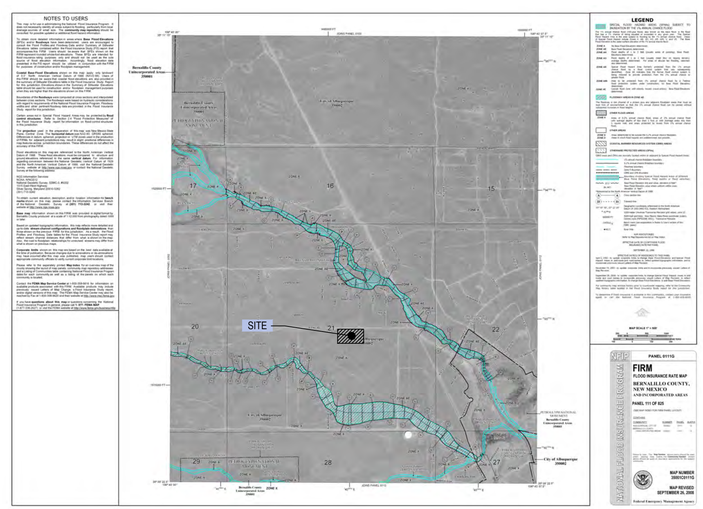
Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Housing EG vs FG	**1.000**	1.200	167476.88 Sq. Ft.	2908.20 Cu. Yd.	3204.87 Cu. Yd.	296.67 Cu. Yd.<Fill>
Totals			167476.88 Sq. Ft.	2908.20 Cu. Yd.	3204.87 Cu. Yd.	296.67 Cu. Yd.<Fill>



For more details about the Integrated Development Ordinance visit: http://www.cabq.gov/planning/codes-policies-regulations/integrated-development-ordinance

ZONE ATLAS PAGE D8



FEMA FLOOD INSURANCE RATE MAP: 35001c0111G DATED 9/26/2008

LEGEND

- EXIST. (INDEX) CONTOUR
- EXIST. (INTERMEDIATE) CONTOUR
- PROP. (INDEX) CONTOUR
- PROP. (INTERMEDIATE) CONTOUR
- WATER BLOCK
- NEW CURB & GUTTER
- FUTURE CURB & GUTTER
- XX.XXTP — TOP OF PAVEMENT
- XX.XXTC / XX.XXFL — TOP OF CURB ELEVATION / FLOW LINE ELEVATION
- XX.XXTOC — TOP OF CONCRETE
- FLOW PATH
- GRADING LIMITS

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 07/26/23
BY: Renée C. Brissette
HydroTrans # D08D001

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SURVEY GENERAL NOTES:

1. DATE OF AERIAL SURVEY: MAY 30, 2023.
2. SUBJECT PROPERTY IS LOCATED WITHIN SECTIONS 201 & 21, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN (N.M.P.M.), ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.'
3. SUBJECT PROPERTY IS LOCATED IN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% CHANCE OF FLOODPLAIN) PER FEMA FLOOD INSURANCE RATE MAP NO. 35001C0111G WITH A REVISED DATE OF SEPTEMBER 26, 2008.
4. SURVEY IS BASED ON NEW MEXICO STATE PLANE COORDINATE SYSTEM (NAD83, CENTRAL ZONE). UNITS ARE US SURVEY FOOT (USFT).
5. PROJECT COMBINED FACTOR FOR GROUND TO GRID TRANSFORMATION OF THE HORIZONTAL COORDINATES (SCALED ABOUT N = 0, E = 0) IS 0.9996661210.
6. ALL DISTANCES SHOWN ARE GROUND DISTANCES.

nm811 Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG CALL 811 OR 260-1990

Designed By:
HUITT ZOLLARS

FILM TEAM

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
NO EXCEPTIONS — DATE
ACCEPTANCE BY
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
FOUND MONUMENT "5-R15 2006"
STANDARD 3 1/4" ALUMINUM DISC.
NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE-N.A.D. 1983)
N= 1,452,149.458
E= 1,529,053.738
ELEV=5306.674 (NAVD 1988)
GROUND TO GRID FACTOR=0.999664300
MAPPING ANGLE=-0°12'47.60"

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
SCOTT A. EDDINGS — NEW MEXICO — 12856 — REGISTERED PROFESSIONAL ENGINEER
7/25/23

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: SAE — DATE: JUNE 20, 2023
DRAWN BY: LRT — DATE: JUNE 20, 2023
DWG NAME: C101 Grading Plan.dwg — PROJ #: R313015.01
CHECKED BY: SAE — DATE: JUNE 20, 2023

JULY 17, 2023

TITLE: GRADING PLAN

Design Review Committee	City Engineer	Last Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
	D-8-Z	C104	

Plotted: 7/25/2023 2:46:25 PM, By:Eddings, Scott
H:\Transfer\SCOTT_SCENIC\Sheet Set\C101 Grading Plan.dwg
Last Saved:7/25/2023 9:12:02 AM, seddings