

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

August 29, 2023

Scott Eddings, P.E.
Huitt-Zollars
333 Rio Rancho Blvd., Suite 101
Rio Rancho, NM 87124

**RE: Bobby Foster and University Blvd.
Tract A-1-A-5 and Tract A-1-A-4
Grading and Drainage Plan Stamp Date: 5/17/2021
Grading and Drainage Plan Certification Stamp Date: 7/19/2023
Hydrology File: R16D100**

Dear Mr. Eddings:

Based on the submittal received on 7/25/2023 and site visit on 8/28/2023, this certification is approved for Release of Financial Guarantee by Hydrology.

If you have any questions, please contact me at 505-924-3695 or tchen@cabq.gov.

Sincerely,

Tiequan Chen, P.E.
Principal Engineer, Hydrology
Planning Department, Development Review Services

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

Project Title: _____ **Building Permit #:** _____ **Hydrology File #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Applicant: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

TYPE OF SUBMITTAL: _____ PLAT (____# OF LOTS) _____ RESIDENCE _____ DRB SITE _____ ADMIN SITE

IS THIS A RESUBMITTAL?: _____ Yes _____ No

DEPARTMENT: _____ TRAFFIC/ TRANSPORTATION _____ HYDROLOGY/ DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- _____ ENGINEER/ARCHITECT CERTIFICATION
- _____ PAD CERTIFICATION
- _____ CONCEPTUAL G & D PLAN
- _____ GRADING PLAN
- _____ DRAINAGE MASTER PLAN
- _____ DRAINAGE REPORT
- _____ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- _____ ELEVATION CERTIFICATE
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ TRAFFIC IMPACT STUDY (TIS)
- _____ OTHER (SPECIFY) _____
- _____ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- _____ BUILDING PERMIT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY
- _____ 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
- _____ GRADING PERMIT APPROVAL
- _____ SO-19 APPROVAL
- _____ PAVING PERMIT APPROVAL
- _____ GRADING/ PAD CERTIFICATION
- _____ WORK ORDER APPROVAL
- _____ CLOMR/LOMR
- _____ FLOODPLAIN DEVELOPMENT PERMIT
- _____ OTHER (SPECIFY) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF:

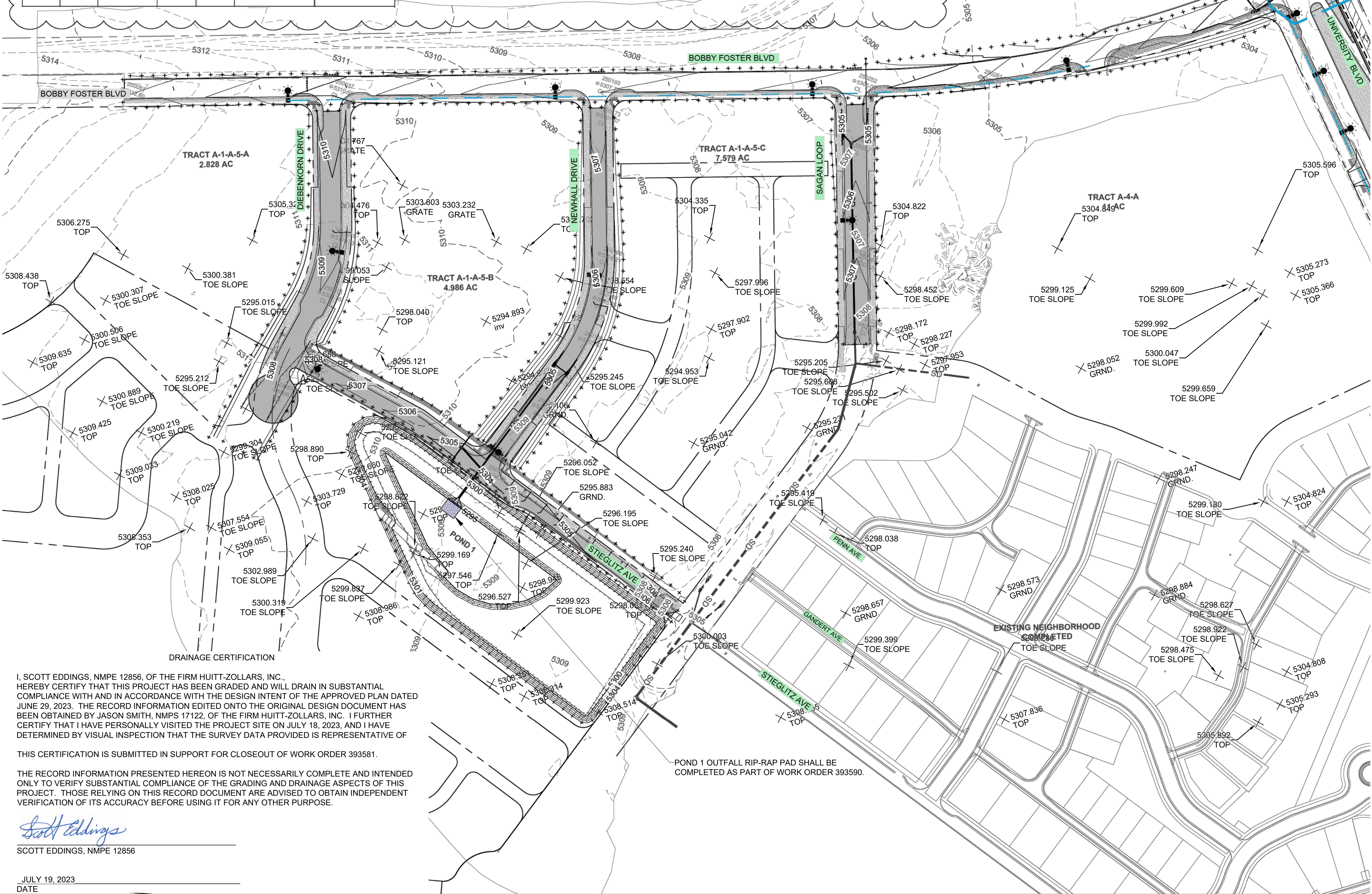
ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

Pond 1 Rating Curve						
Elevation	Area	Average Area	Volume	Volume	Accumulative Volume	Accumulative Volume
sf	sf	sf	Cu-Ft	Acre-Ft	Cu-Ft	Acre-Ft
5295.0	27700	28959	28959	0.66	28959	0.66
5296.0	30217	31516	31516	0.72	60474	1.39
5297.0	32814	34136	34136	0.78	94610	2.17
5298.0	35457	62793	62793	1.44	157402	3.61
5299.0	90128	98630	98630	2.26	256032	5.88
5300.0	107131	109407	109407	2.51	365438	8.39
5301.0	111682	113987	113987	2.62	479425	11.01
5302.0	116291	118625	118625	2.72	598049	13.73
5303.0	120958	123322	123322	2.83	721371	16.56
5304.0	125686					

POND 1
VOLUME 10-DAY 100 YEAR REQUIRED VOLUME = 322,927 CF
PROVIDED VOLUME = 721,371 CF
POND BOTTOM = 5295.00
POND RIM = 5304.00
MAX WATER SURFACE ELEVATION = 5300.50

Pond 1 Curve As Built						
As Built Pond 1						
Elevation	Area	Average Area	Volume	Volume	Accumulative Volume	Accumulative Volume
Acre-Ft	Acre-Ft	Acre-Ft	Acre-Ft	Acre-Ft	Acre-Ft	Acre-Ft
5295.0	1071	15905	15905	0.37	15905	0.37
5296.0	30739	35671	35671	0.82	51576	1.18
5297.0	40603	46902	46902	1.08	98478	2.26
5298.0	53200	71749	71749	1.65	170226	3.91
5299.0	90297	98154	98154	2.25	268380	6.16
5300.0	106011	108911	108911	2.50	377291	8.66
5301.0	111810	114231	114231	2.62	491521	11.28
5302.0	116651	119016	119016	2.73	610537	14.02
5303.0	121381	123747	123747	2.84	734284	16.86
5304.0	126113					



I, SCOTT EDDINGS, NMPE 12856, OF THE FIRM HUITT-ZOLLARS, INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED JUNE 29, 2023. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY JASON SMITH, NMPS 17122, OF THE FIRM HUITT-ZOLLARS, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON JULY 18, 2023, AND I HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF

THIS CERTIFICATION IS SUBMITTED IN SUPPORT FOR CLOSEOUT OF WORK ORDER 393581.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Scott Eddings
SCOTT EDDINGS, NMPE 12856

JULY 19, 2023
DATE

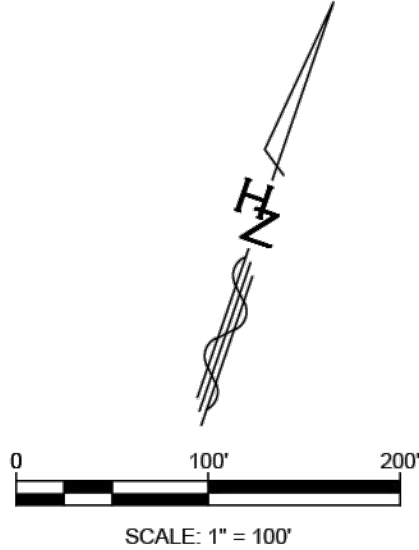
POND 1 OUTFALL RIP-RAP PAD SHALL BE COMPLETED AS PART OF WORK ORDER 393590.

CERTIFICATION NOTES

POND 1 GRADING EXCEEDS DESIGN VOLUME REQUIREMENTS BY 734,284 - 322,927 = 411,357 CUBIC FEET AND POND 1 GRADING HAS EXCEEDED DESIGN VOLUME BY 734,284 - 721,371 = 12,913 CUBIC FEET.


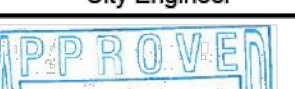
POND 1 CAPACITY MEETS OR EXCEEDS THE DESIGN INTENT.

POND 1 OUTFALL RIP-RAP PAD SHALL BE COMPLETED AS PART OF WORK ORDER 393590.



Designed By:
HUITT-ZOLLARS
Huitt-Zollars, Inc. Albuquerque
6501 Americas Pkwy NE, Suite 550
Albuquerque, New Mexico 87110
Phone (505) 883-8114 Fax (505) 883-5022

TITLE:
DRB GRADING PLAN

Design Review Committee		City Engineer		Mo./Day/Yr.		Mo./Day/Yr.	
		Last Update					
City Project No.		Zone Map No.		Sheet		Of	
3935.81		R-15-Z, R-16-Z		12R		83	