

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



Mayor Timothy M. Keller

October 22, 2021

David Soule, PE
Rio Grande Engineering
1606 Central SE Suite 201
Albuquerque, NM 87106

RE: 2619 & 2623 Corianda Ct. NW
Permanent C.O. - Approved
Engineer's Certification Date: 10/22/21
Engineer's Stamp Date: 10/29/19
Hydrology File: J13D213

Dear Mr. Soule:

PO Box 1293

Based on the certification received 10/22/21 and a site visit on 10/22/21, this certification is approved for Permanent Certificate of Occupancy by Hydrology.

Albuquerque

If you have any questions, please contact me at 924-3986 or earmijo@cabq.gov.

Sincerely,

NM 87103

www.cabq.gov

Ernest Armijo, P.E.
Principal Engineer, Planning Dept.
Development Review Services



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 2619 CORIANDA **Building Permit #:** _____ **Hydrology File #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: LOT 5A AND 5B CORIANA SUBDIVISION
City Address: 2619 CORIANDA

Applicant: MIRIAM RAND **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: RIO GRANDE ENGINEERING **Contact:** DAVID SOULE
Address: PO BOX 93924 ALB NM 87199
Phone#: 505.321.9099 **Fax#:** 505.872.0999 **E-mail:** david@riograndeengineering.com

TYPE OF DEVELOPMENT: _____ PLAT ☒ RESIDENCE (x2) _____ DRB SITE _____ ADMIN SITE

Check all that Apply:

DEPARTMENT:
☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION

TYPE OF SUBMITTAL:
☒ ENGINEER/ARCHITECT CERTIFICATION
☐ PAD CERTIFICATION
☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE REPORT
☐ DRAINAGE MASTER PLAN
☐ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
☐ ELEVATION CERTIFICATE
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ STREET LIGHT LAYOUT
☐ 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) _____

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

Weighted E Method													
Basin	Area (sq)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		100-Year, 6-hr		100 yr 24-HOUR
			%	(acres)	%	(acres)	%	(acres)	%	(acres)	Weighted E (ac-ft)	Volume (ac-ft)	
HISTORICAL	29534.00	0.678	100%	0.678	0%	0.000	0%	0.000	0%	0.000	0.530	0.030	1.06
PROPOSED	29534.00	0.678	32%	0.217	10%	0.068	24%	0.163	35%	0.237	1.261	0.071	2.12

Equations:

Weighted E = Ea**A*a + Eb**A*b + Ec**A*c + Ed**A*d / (Total Area)

Volume = Weighted D * Total Area

First flush requirement

293 cubic feet

Flow = Qa * *A*a + Qb * *A*b + Qc * *A*c + Qd * *A*d

Where for 100-year, 6-hour storm(zone2)

Qa= 1.56
Eb= 0.78
Ec= 1.13
Ed= 2.12

Qb= 2.28
Qc= 3.14
Qd= 4.7

Developed Conditions

TOTAL VOLUME

HISTORICAL DISCHARGE

1304.42

PROPOSED DISCHARGE

3447.60

PROVIDED

4114

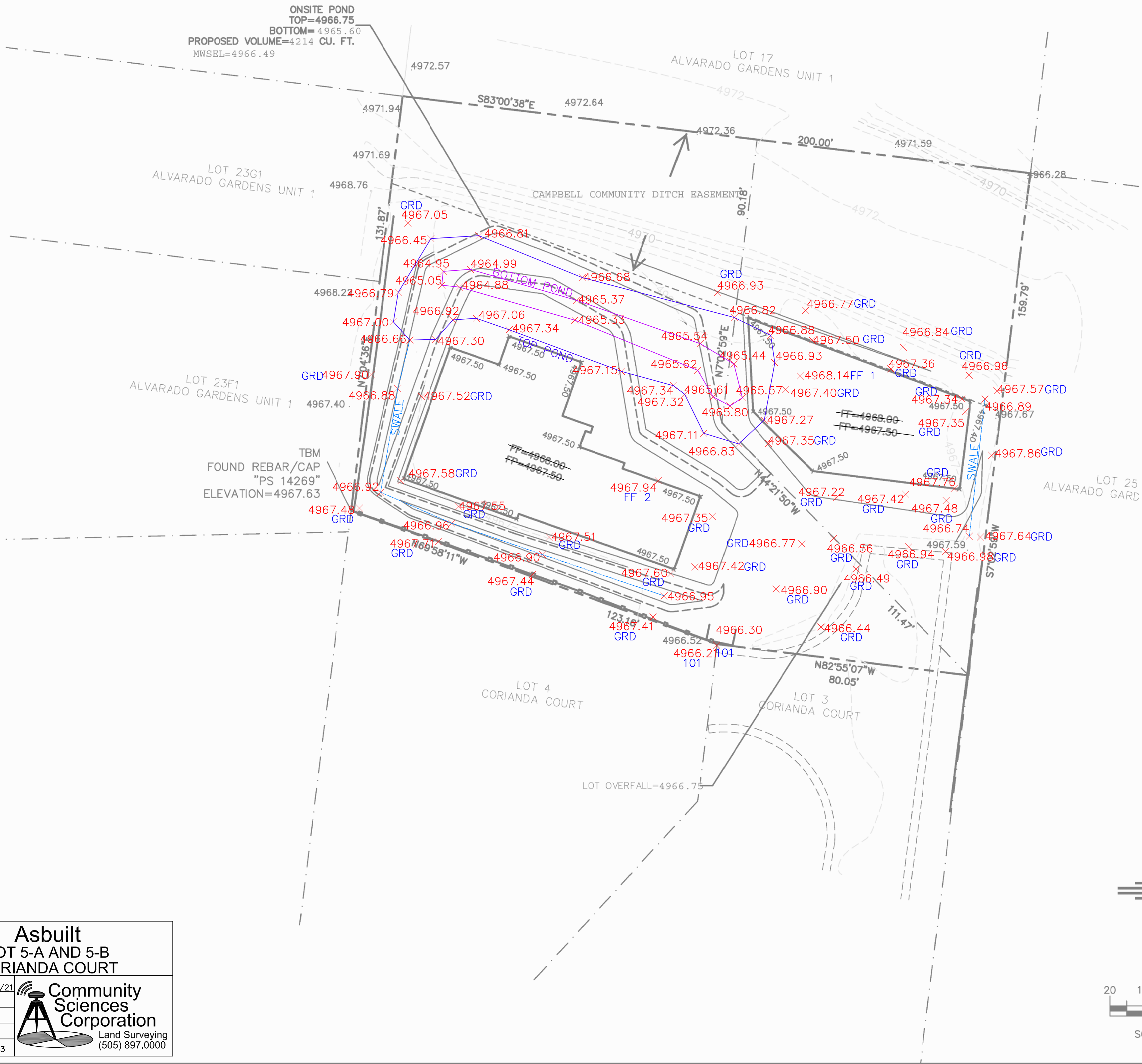
This site is an replatted lot within existing subdivision governed by G13D26. The lot is required to retain the entire flow onsite. The site will conform to the valley flat area drainage scheme. The site will retain the 100-year 24-hour volume. The ponds overflow to the roadway at top of pond. The surrounding area is flat and no offsite flows impact the site. The first flush volume is retained on site and pass thru to the right of way. The first flush volume is retained on site

I David Soule, NMPE 14522 , of the firm Rio Grande Engineering, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 10/29/19 . The record information edited on the original design document has performed by me or under my direct supervision and is true and correct to the best of my knowledge and belief. The as-built survey was provided by THOMAS PATRICK NMPS 12651. The certification is submitted in support of a request for PERMANENT CERTIFICATE OF OCCUPANCY. The record information presented heron 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

DRIVEWAY IS DIRT



10/22/21



CAUTION:

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

DATE 10/18/21
REV. 10/22/21

CREW LRC

DRAFTING SLN

GPS PRIMO

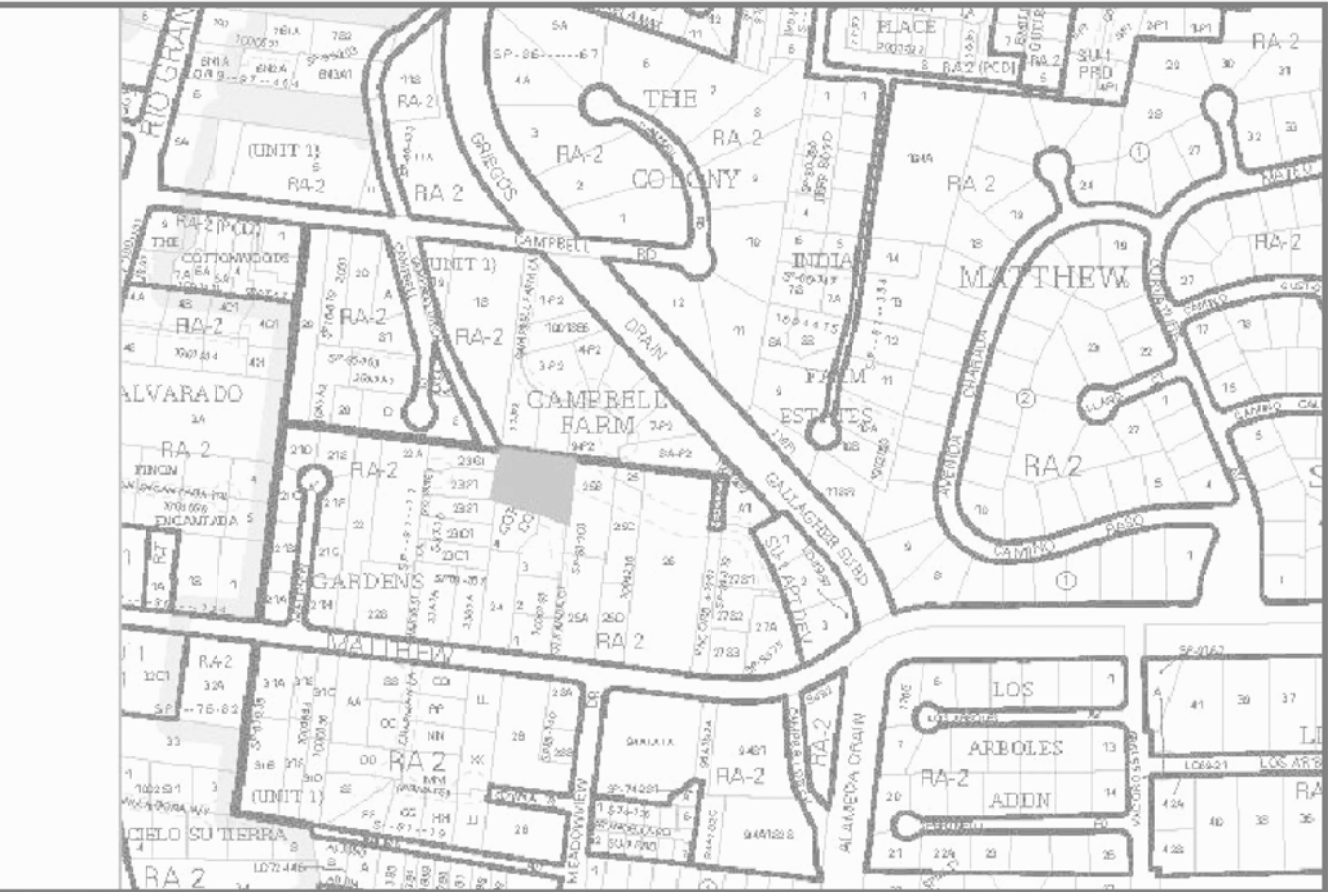
JN N2021-003

Asbuilt
LOT 5-A AND 5-B
CORIANDA COURT

Community
Sciences
Corporation
Land Surveying
(505) 897.0000

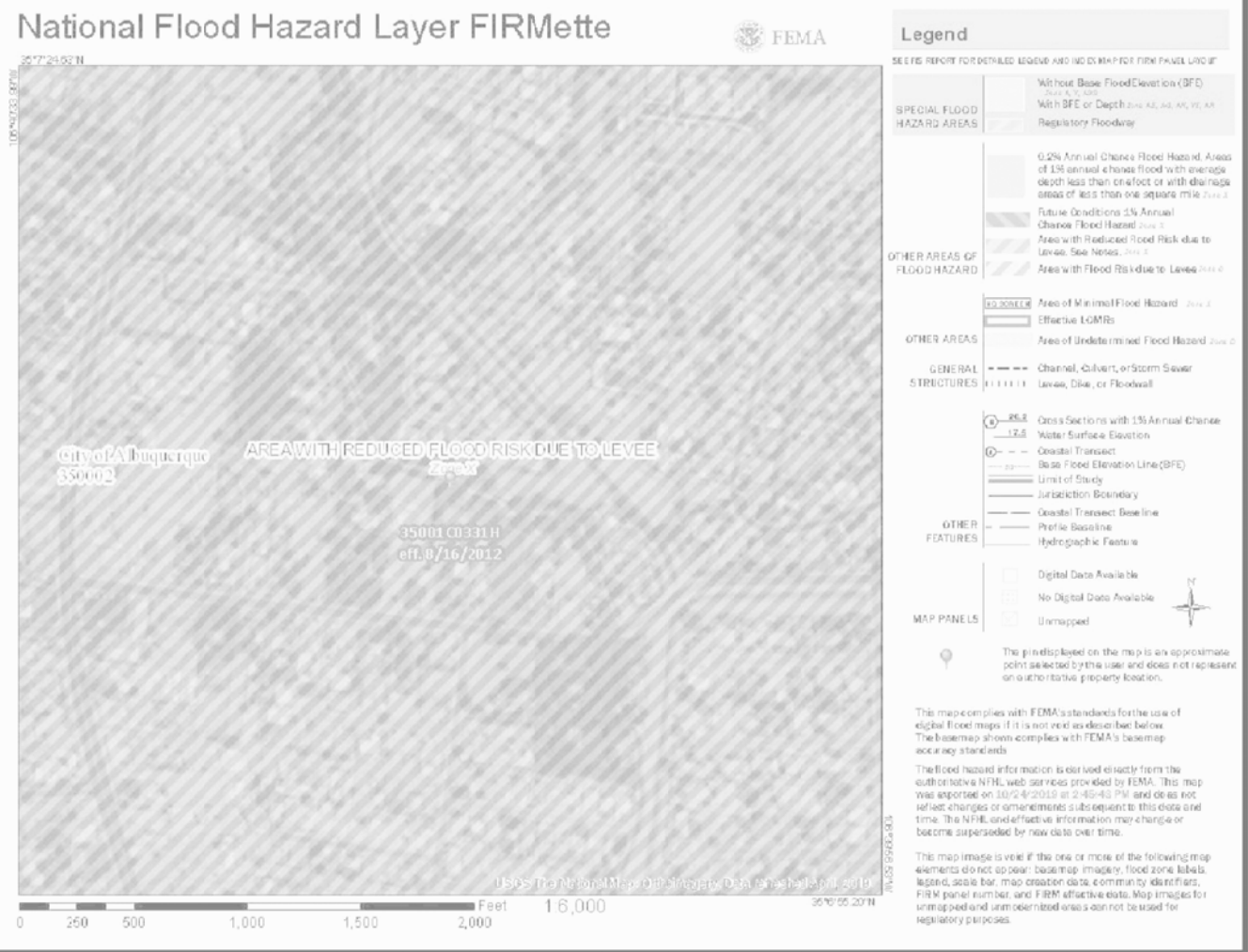
EROSION CONTROL NOTES:

1. 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 ACCEPTANCE OF ANY PROJECT.



VICINITY MAP:

G-13-Z



FIRM MAP:

LEGAL DESCRIPTION:

LOTS 5-A and 5-B, CORIANDA COURT

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
3. PROPOSED LOTS HAVE CROSS LOT DRAINAGE EASEMENTS
4. ANY PERIMETER FENCING BETWEEN LOTS SHALL ALLOW FOR CROSS LOT DRAINAGE

LEGEND

- X000--- EXISTING CONTOUR
- X000X--- EXISTING INDEX CONTOUR
- X000X--- PROPOSED CONTOUR
- X000X--- PROPOSED INDEX CONTOUR
- X000X--- SLOPE TIE
- XXXX EXISTING SPOT ELEVATION
- XXXX PROPOSED SPOT ELEVATION
- BOUNDARY
- CENTERLINE
- RIGHT-OF-WAY
- ===== EXISTING CURB AND GUTTER
- ===== PROPOSED CMU SCREEN WALL

ENGINEER'S
SEAL

10/29/19

DAVID SOULE
P.E. #14522

LOT 5-A AND 5-B
CORIANDA

GRADING AND
DRAINAGE PLAN

Rio Grande
Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

DRAWN
BY WCMJ

DATE
10-29-19

2109086-LAYOUT-10-29-19

SHEET #
—

JOB #
2109086