

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

August 18, 2020

David Soule, P.E.
Rio Grande Engineering
PO Box 93924
Albuquerque, New Mexico 87199

RE: **2816 Carlota Rd.**
Request for Pad Certification - Approved
Grading Plan Stamp Date: 6/28/20
Certification Dated: 8/10/20
Drainage File: H12D022

Dear Mr. Soule,

PO Box 1293

Based on the Certification received on 8/11/20, this certification is approved for Building Permit.

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

Albuquerque

Based on the Certification received 6/17/20 and inspection conducted 6/23/20, this certification is approved in support of Permanent Certificate of Occupancy by Hydrology.

NM 87103

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

www.cabq.gov

Sincerely,

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: 2816 CARLOTA **Building Permit #:** _____ **Hydrology File #:** _____

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

Legal Description: LOT 2 ROBERTSON-ZAMORA TRACT

City Address: 2816 CARLOTA

Applicant: LITTLE BUBBAS **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 ___ DRB SITE ___ ADMIN SITE

Check all that Apply:

DEPARTMENT:

- HYDROLOGY/ DRAINAGE
- TRAFFIC/ TRANSPORTATION

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

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?

- 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 (sf)	Area (acres)	100-Year, 6-hr.				10-day							
			Treatment A	Treatment B	Treatment C	Treatment D	Weighted E	Volume	Flow	Volume				
EXISTING	8564.00	0.197	0%	0	36%	0.071	40%	0.0786	24%	0.047	1.242	0.020	0.63	0.027
PROPOSED	8564.00	0.197	0%	0	32%	0.063	30%	0.059	38%	0.075	1.394	0.023	0.68	0.033
ALLOWED	0.00	0.00	0%	0.000	-4%	-0.008	-10%	-0.020	14%	0.028	0.003	0.050	0.006	0.006

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

First flush requirement (Redevelopment=impx.26/12 - New development=impx.34/12)

Volume = Weighted D * Total Area
 REQUIRED 70.51
 PROVIDED 1644 cubic feet

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

Where for 100-year, 6-hour storm
 Ea= 0.53 Qa= 1.56
 Eb= 0.78 Qb= 2.28
 Ec= 1.13 Qc= 3.14
 Ed= 2.12 Qd= 4.7

Developed Conditions

FLOOD CONTROL INCREASE TOTAL	10-DAY 269 CF	6-HOUR 109 CF	PROVIDED 1644
	1429 CF	995	1644

NARRATIVE
 THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A NEW HOME ON AN EXISTING LOT IN A FULLY DEVELOPED NEIGHBORHOOD. THE SITE IS LOCATED IN THE VALLEY DRAINAGE AREA. THE SITE IS ALLOWED TO RETAIN ON-SITE THE 100-YEAR, 6-HOUR VOLUME. THIS SITE SHALL RETAIN THE 100 YEAR, 6 HOUR VOLUME AS WELL AS THE 10-DAY EVENT. THE YARD WILL OVERFLOW TO CARLOTA STREET IN AN EMERGENCY.

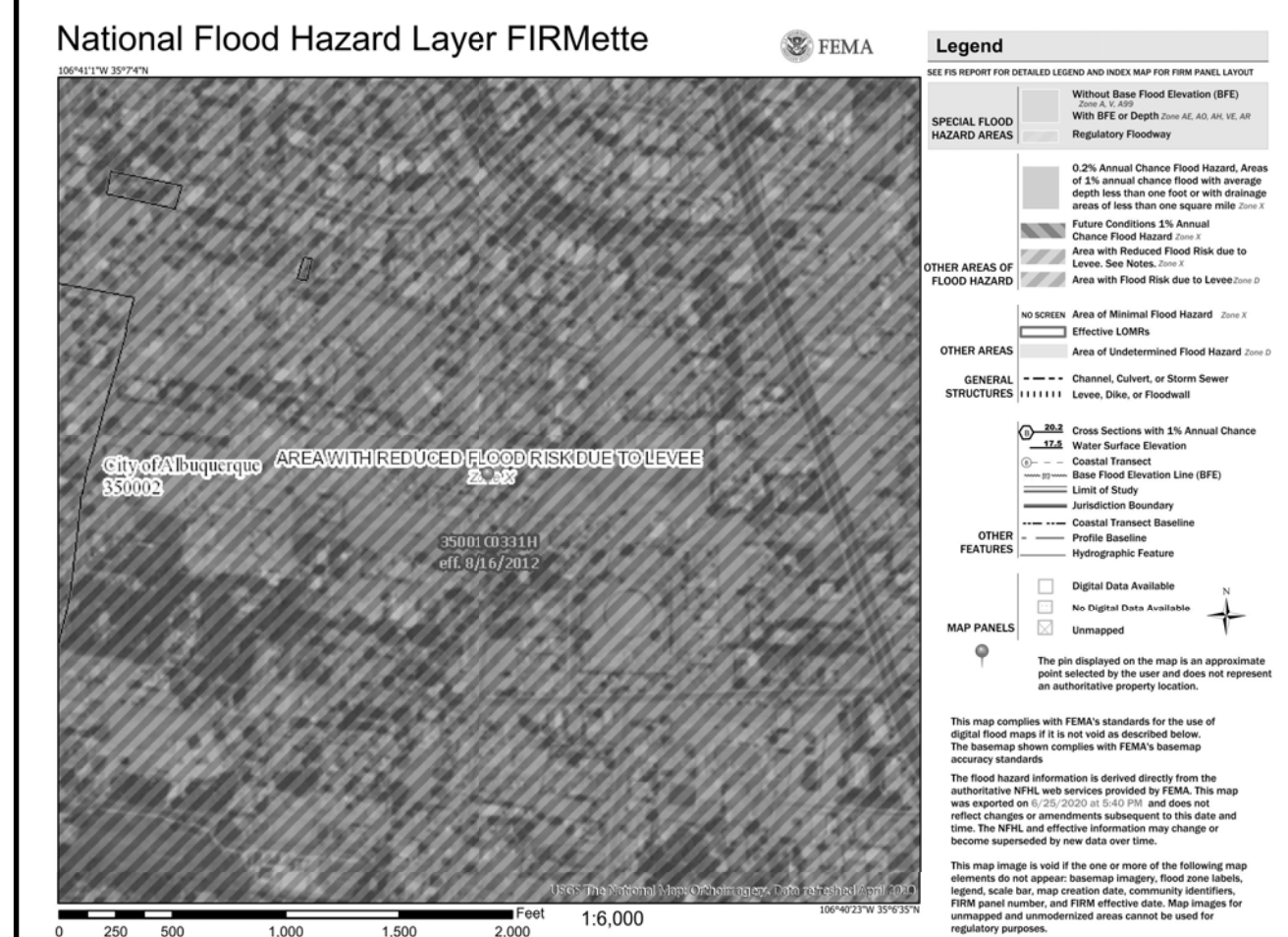
I, DAVID SOULE HAVE PERSONALLY INSPECTED THE SITE. I HEREBY CERTIFY THE PAD HAS BEEN CONSTRUCTED SUCH THAT IT IS IN SUBSTANTIAL CONFORMANCE TO THE APPROVED GRADING PLAN DATED 6/28/20

EROSION CONTROL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



VICINITY MAP: H-12-Z



FIRM MAP:

LEGAL DESCRIPTION:

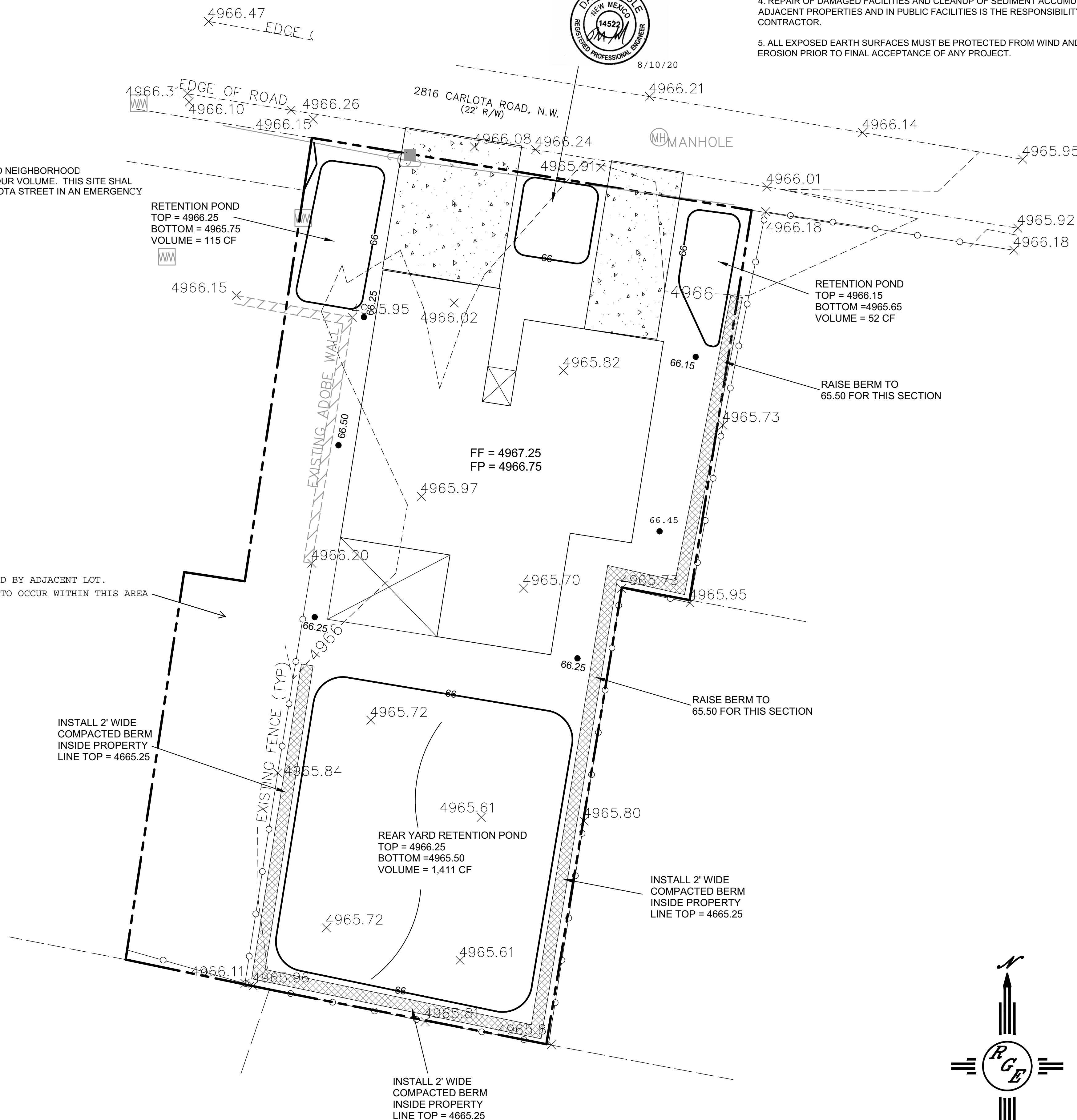
LOT 2 ROBERTSON-ZAMORA TRACTS
 CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

NOTES:

- ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
- ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
- ANY PERIMETER WALLS MUST BE PERMITTED SEPARATELY. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
- SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.
- A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

LEGEND

-----	EXISTING CONTOUR
- - - - -	EXISTING INDEX CONTOUR
-----	PROPOSED CONTOUR
- - - - -	PROPOSED INDEX CONTOUR
•	EXISTING SPOT ELEVATION
•	PROPOSED SPOT ELEVATION
---	BOUNDARY
---	PROPOSED EARTHEN SWALE
---	ADJACENT BOUNDARY
=====	EXISTING CURB AND GUTTER
=====	PROPOSED 2' WIDE EARTHEN BERM
=====	PROPOSED CONCRETE DRIVEWAY





PORTION OF LOT WITH ENCROACHMENT AGREEMENT IMPACTED BY ADJACENT LOT. NOT IMPROVEMENTS TO OCCUR WITHIN THIS AREA.

INSTALL 2' WIDE COMPACTED BERM INSIDE PROPERTY LINE TOP = 4665.25

INSTALL 2' WIDE COMPACTED BERM INSIDE PROPERTY LINE TOP = 4665.25

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.

ENGINEER'S SEAL	LOT 2 ROBERTSON-ZAMORA TRACTS 2816 CARLOTA ROAD NW GRADING AND DRAINAGE PLAN	DRAWN BY DEM
 DAVID SOULE P.E. #14522		DATE 6-26-20
	 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 972-0899	SHEET # C1 JOB #