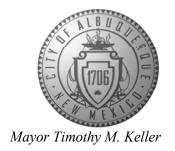
# CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



January 24, 2023

David Soule, P.E. Rio Grande Engineering P.O. Box 93924 Albuquerque, NM 87199

RE: 2717 Virginia St. NE

Grading and Drainage Plan Engineer's Stamp Date: 01/16/23

Hydrology File: H19D050

Dear Mr. Soule:

PO Box 1293

Based upon the information provided in your submittal received 01/18/2023, the Grading and Drainage Plan is approved for Building Permit and Grading Permit. Since this project is an addition to an existing house, a pad certification is not needed for this project. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

Albuquerque

### PRIOR TO CERTIFICATE OF OCCUPANCY:

NM 87103

1. Engineer's Certification, per the DPM Part 6-14 (F): Engineer's Certification Checklist For Non-Subdivision is required.

www.cabq.gov

If you have any questions, please contact me at 924-3995 or <a href="mailto:rbrissette@cabq.gov">rbrissette@cabq.gov</a> .

Sincerely,

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

Renée C. Brissette



# City of Albuquerque

## Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 2717 Virginia Buil	ect Title: 2717 Virginia Building Permit #:		Hydrology File #:	
DRB#: EPC	 '#:	Work Order#:		
DRB#: EPC Legal Description: Lot 30, block C Sc	mbra Del Monto	e Subdivision		
City Address: 2717 Virginia	- пр			
Applicant:		Contact:		
Address:				
Phone#: Fax:				
Other Contact: RIO GRANDE ENGINEERING		Contact:	DAVID SOULE	
Address: PO BOX 93924 ALB NM 871				
hone#: 505.321.9099 Fax#: 505.872.0999		E-mail: da	avid@riograndeengineering.com	
TYPE OF DEVELOPMENT: PLAT				
Check all that Apply:				
DEPARTMENT:	TVPE OF	APPROVAL/ACCE	PTANCE SOUCHT:	
X HYDROLOGY/ DRAINAGE X BITT		LDING PERMIT APPROVAL		
TRAFFIC/ TRANSPORTATION		CERTIFICATE OF OCCUPANCY		
TYPE OF SUBMITTAL:				
ENGINEER/ARCHITECT CERTIFICATION	PREJ	PRELIMINARY PLAT APPROVAL		
PAD CERTIFICATION SITE		E PLAN FOR SUB'D APPROVAL		
CONCEPTUAL G & D PLAN SITE		TE PLAN FOR BLDG. PERMIT APPROVAL		
X		FINAL PLAT APPROVAL		
DRAINAGE REPORT				
DRAINAGE MASTER PLAN	SIA/	RELEASE OF FINAN	CIAL GUARANTEE	
		NDATION PERMIT APPROVAL		
		ADING PERMIT APPROVAL		
		SO-19 APPROVAL		
		AVING PERMIT APPROVAL		
		DING/PAD CERTIFI		
STREET LIGHT LAYOUT				
OTHER (SPECIFY)		CLOMR/LOMR		
PRE-DESIGN MEETING?	· · · · · · · · · · · · · · · · · · ·		AENT DEDMIT	
IS THIS A RESUBMITTAL?: YesX No		ER (SPECIFY)		
DATE SUBMITTED: F	*			
COA STAFF: ELE	ECTRONIC SUBMITTAL REC	EIVED:		
FEE	E PAID:			

Weighted E = Ea\*Aa + Eb\*Ab + Ec\*Ac + Ed\*Ad / (Total Area)

Volume = Weighted D \* Total Area

0.39 CFS

Flow = Qa \* Aa + Qb \* Ab + Qc \* Ac + Qd \* Ad

EXISTING TO STREET

Where for 100-year, 6-hour storm(zone3 Eb= 0.86 Qb= 2.49

TOTAL VOLUME **Developed Conditions** 

> ONSITE STORM WATER GENERATED 874.89 CF 892 CF RETAINED VOLUME ON SITE

This site is an lot in an existing subdivision. The site is not part of any previous drainage studies available. All lots free discharge to the streets and to each other. The existing lot drains .39 cfs to the street infront and the remaining lot discharges to the surrounding properties. Due to this being an addition the proposed drainage solution will maintain the existing flow to the roadway and retain the onsite basin that currently drains to the adjacent tract. The site will retain the 874 cf generated on the rear of the site and will discharge the 0.39 cfs that currently discharges to the front.

**EROSION CONTROL NOTES:** 

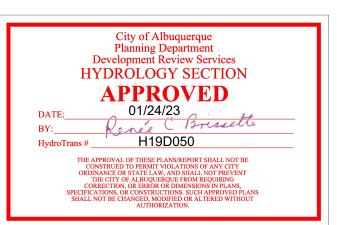
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

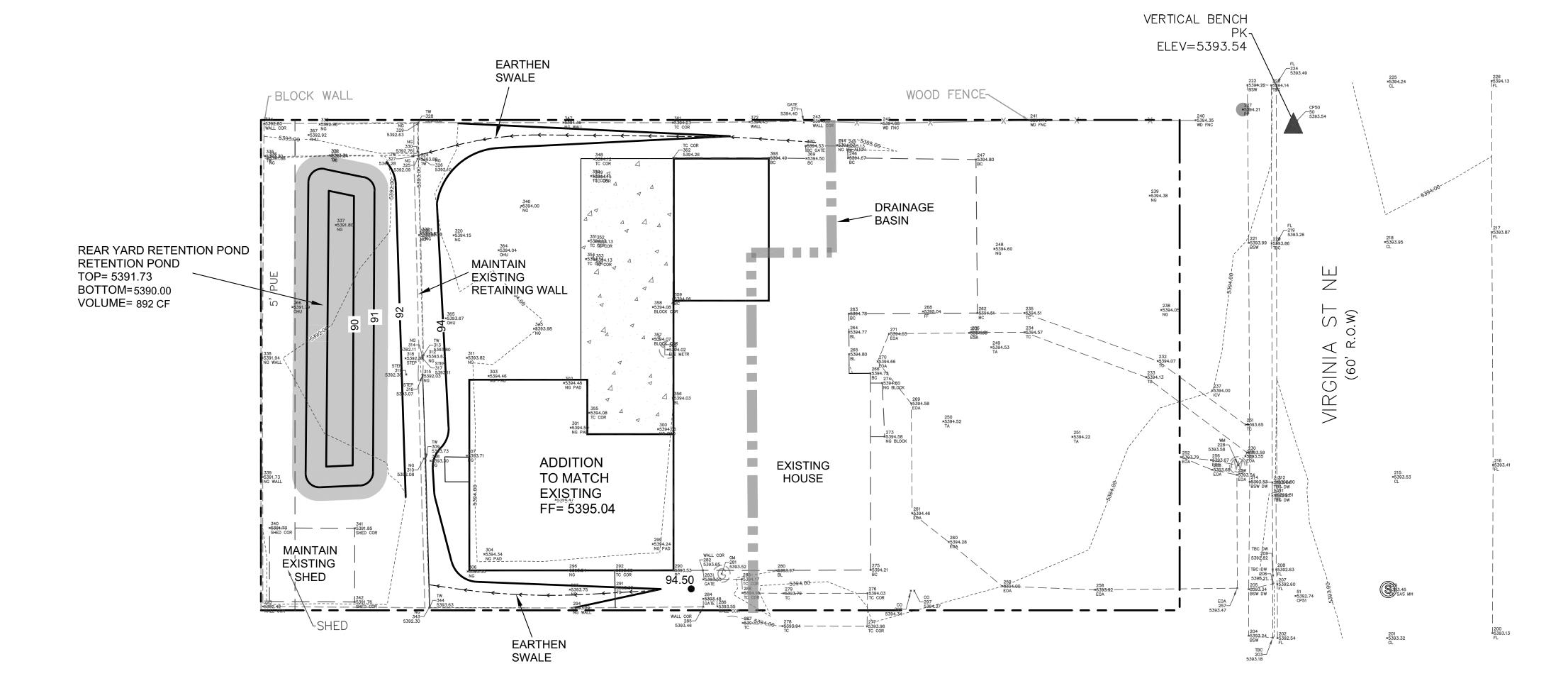
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.

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.

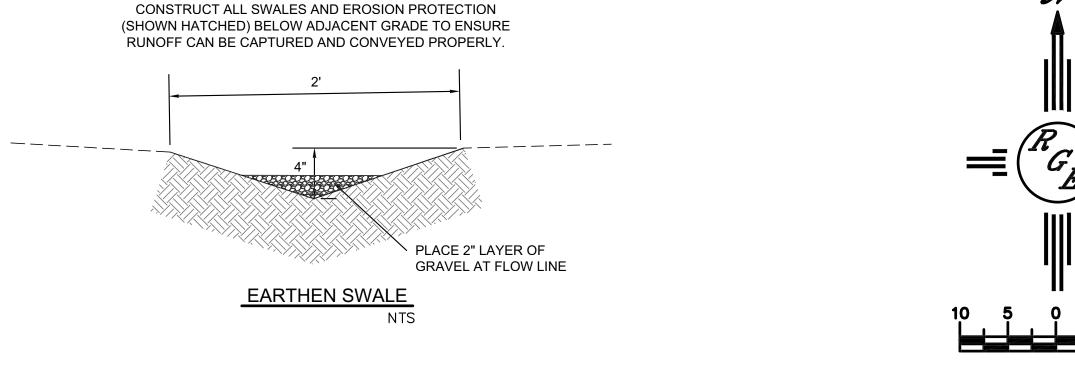
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.

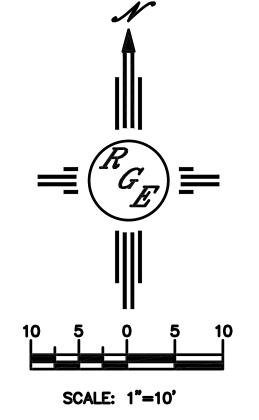


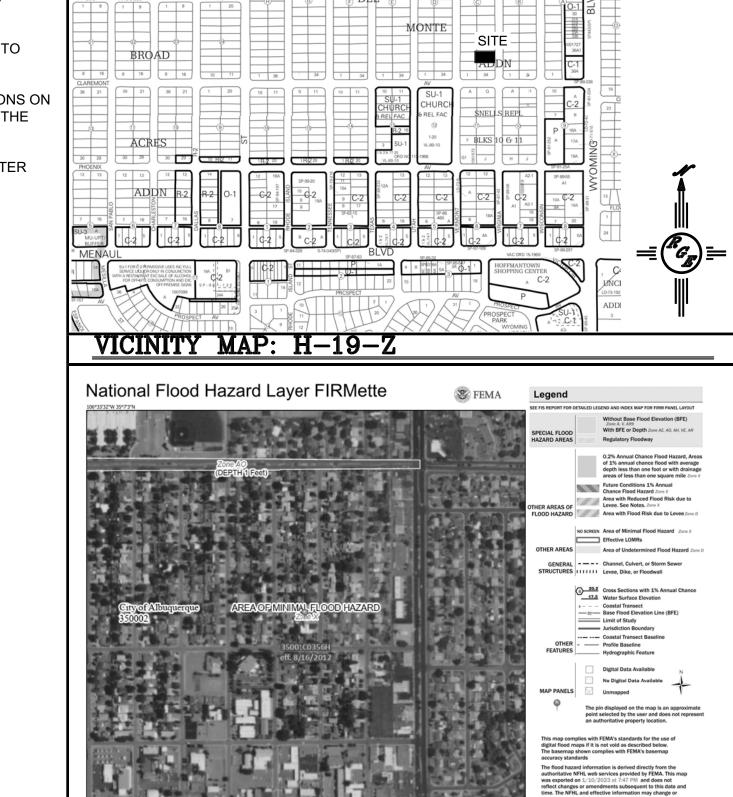


# **CAUTION:**

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.







## **LEGAL DESCRIPTION:**

LOT 30, BLOCK C SOMBRA DEL MONTE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

## 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.

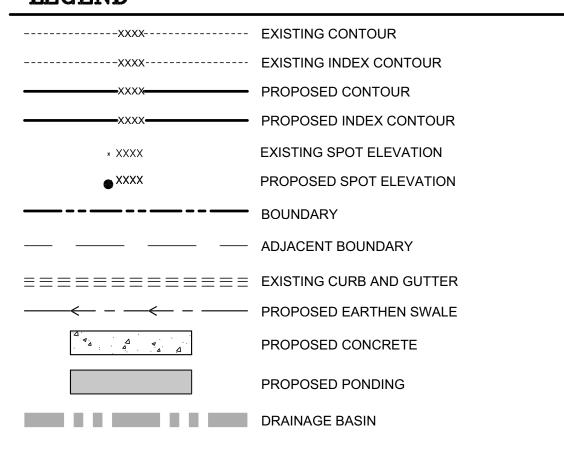
3. ANY PERIMETER WALLS MUST BE PERMITED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.

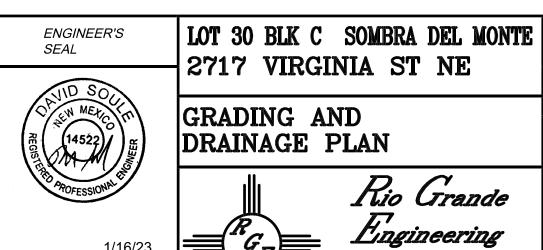
2,000 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

4. SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.

5. A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING

# **LEGEND**





1/16/23 DAVID SOULE P.E. #14522

SHEET# C1 JOB#

PO BOX 93924 ALBUQUERQUE, NM 87199 (505) 321-9099 DRAWN

 $^{BY}$  DEM

DATE *1-14-23* 

2717 Virginia St NE .DWG