

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

January 24, 2019

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

RE: 8500 Glendale Ave NE
Reclamation Plan
Engineer's Stamp Date: 01/22/19
Hydrology File: B20D067

Dear Mr. Soule:

Based upon the information provided in your submittal received 11/16/2018, the Reclamation Plan is approved for Grading Permit. Once construction is complete, please give me a call so that I can walk the site to insure that this is complete.

PO Box 1293

I have also attached the Violation Invoice of **\$500.00** to be paid **January 30, 2019** if the construction of the mitigation **is not** completed. This was based upon my letter Dated November 30, 2018. The fine can be paid at any City of Albuquerque Treasury location. Bring three copies of this invoice to Treasury. The most convenient may be at **Plaza del Sol, 600 2nd St. NW**. Provide a copy of the receipt to Hydrology, or e-mail to rbrissette@cabq.gov.

Albuquerque

NM 87103

If payment is not made by January 30, 2019, on **January 31, 2019** a municipal lien may be placed on the property and non- payment will result in delay of future approvals related to the project.

www.cabq.gov

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 (Curtis Cherne, PE, ccherne@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, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 8500 GLENDALE **Building Permit #:** _____ **Hydrology File #:** B20D067

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

Legal Description: lot 5, BLOCK 17 TRACT 1 UNIT 1 NORTH ALB ACRES

City Address: 8500 GLENDALE

Applicant: JOHN JONES **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 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?

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

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: _____

January 22 2019

Ms. Renee Brissette, PE
Senior Engineer-Hydrology
Planning department
City of Albuquerque
600 2nd street NW
Albuquerque, NM 87102

**RE: 8500 Glendale NE
Mitigation Plan (B20D067)
Lots 5 Block 17 Tracts 1, Unit 3 North Albuquerque Acres
Albuquerque, New Mexico**

Dear Ms Brissette:

Rio Grande Engineering hereby submits the enclosed reclamation plan for review. The subject property is impacted by an active arroyo and flood plain with a peak flow of 924 cfs. Over the course of several years material has been illegally deposited on the lot and a portion of the flow path has been impacted. The purpose of the attached plan is to determine the limit of the impact and propose new contours of the arroyo with the material removed.

The site has been visited and based upon vegetation and upstream and downstream conditions; it appears the flow line has not been altered. The limit of fill appears to begin approximately 10' west of the east property line and end approximately 15' east of the west property line. No fill appears to have been placed on adjoining properties. The historic conditions were determined utilizing the 2' LIDAR contours from the North Albuquerque Acres Master drainage plan. The contours appear to have different datums and due to the low resolution do not match up very well with the topography obtained by Community Sciences.

A hydraulic model was made of the historic flow utilizing HEC RAS. The model determined the EGL at the beginning, middle and end of the flow path through the property. The limit of the EGL has been shown within appendix A. A grading plan was prepared that cleared out what appears to be the fill within the arroyo and provide a standardized cross section maintaining the existing flow path. The attached grading plan shows the new contouring within the arroyo as well as on site to remove debris that was placed. A cross section of the historical, existing and proposed is shown on the enclosed map. As shown on the attached map the proposed cross section provides a larger channel capacity than previously. Based upon the fact an AMAFCA pond is located 165' down stream and that the 2' contours are not as accurate we feel providing this large uniform section is appropriate. A new drainage easement will be granted to conform to the EGL line shown.

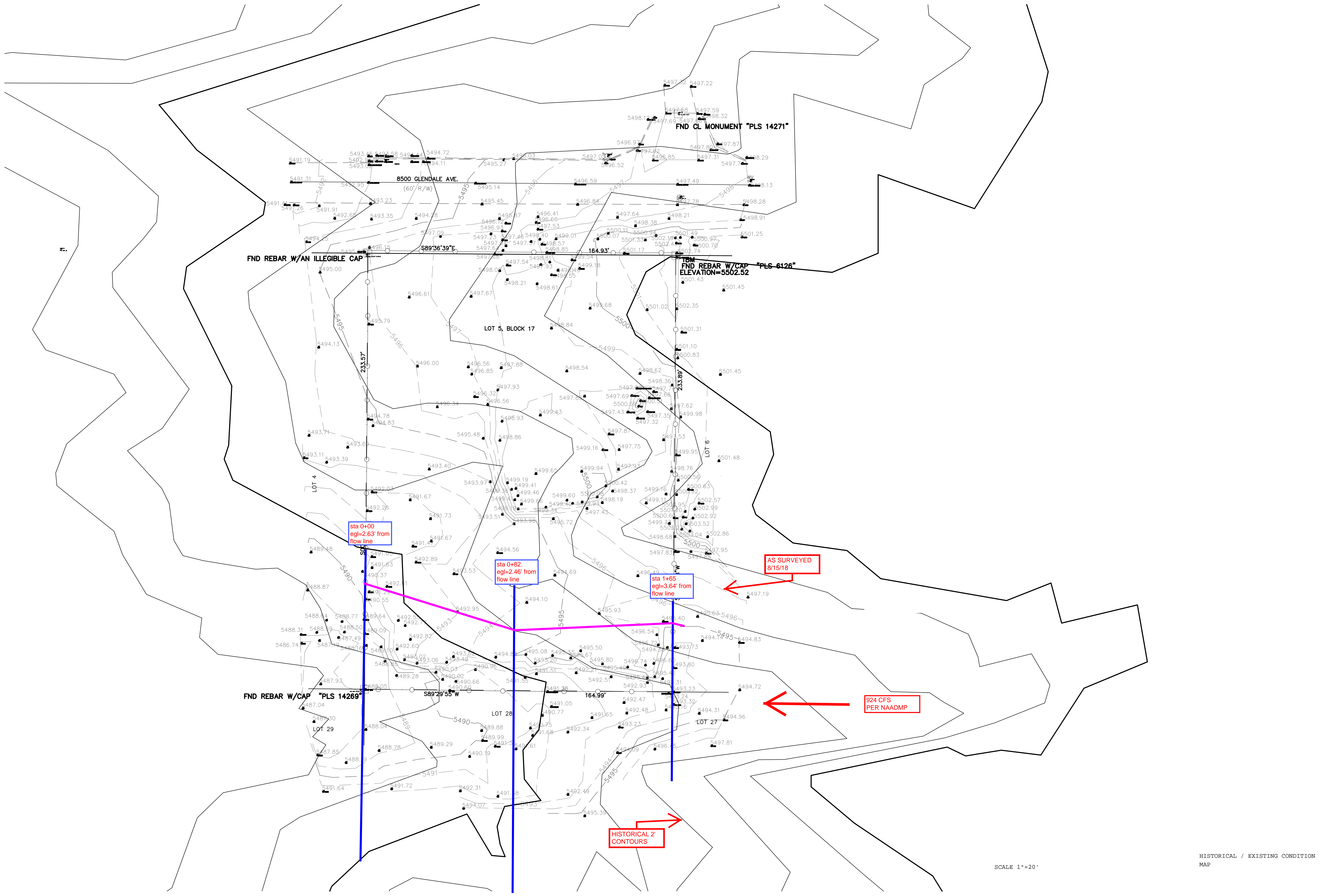
The lot owner has removed the material prior to this submittal. The contours shown on the existing plan were obtained prior to any removal. Due to the minor impact we do not feel a Corp of Engineer Permission is needed.

Sincerely,



David Soule, PE
RIO GRANDE ENGINEERING
PO Box 93924
ALBUQUERQUE, NM 87199
321-9099

Enclosures



FND REBAR W/AN ILLEGIBLE CAP

FND CL MONUMENT "PLS 14271"

FND REBAR W/CAP "PLS 6126"
ELEVATION=5502.52

LOT 5, BLOCK 17

sta 0+00
egl=2.63' from
flow line

sta 0+82.
egl=2.46' from
flow line

sta 1+65
egl=3.64' from
flow line

AS SURVEYED
8/15/18

924 CFS
PER NAADMP

HISTORICAL 2'
CONTOURS

FND REBAR W/CAP "PLS 14269"

S89°29'55"W

164.99'

LOT 28

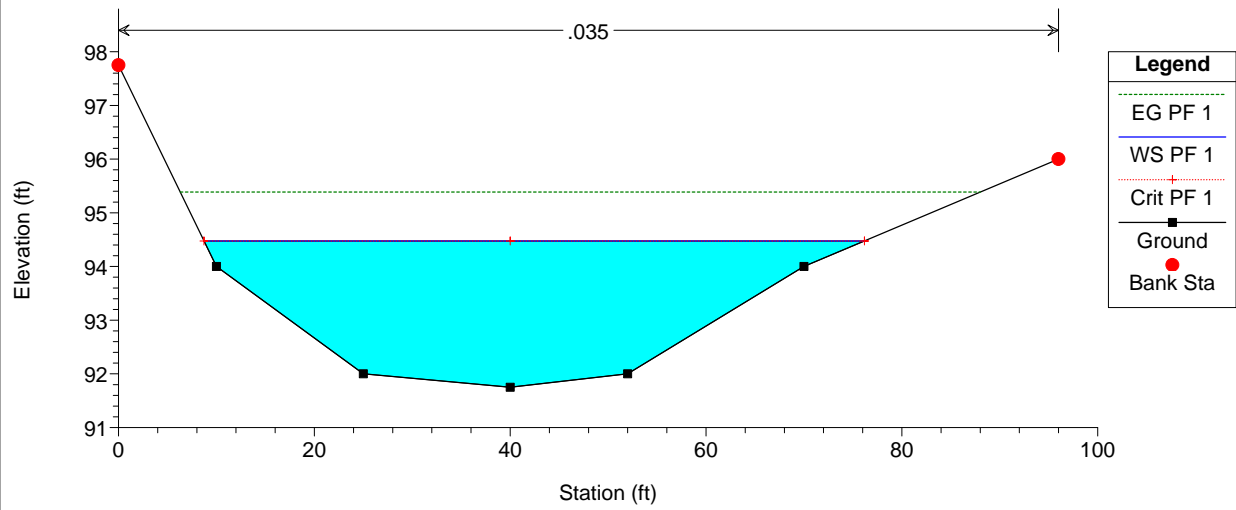
LOT 27

LOT 29

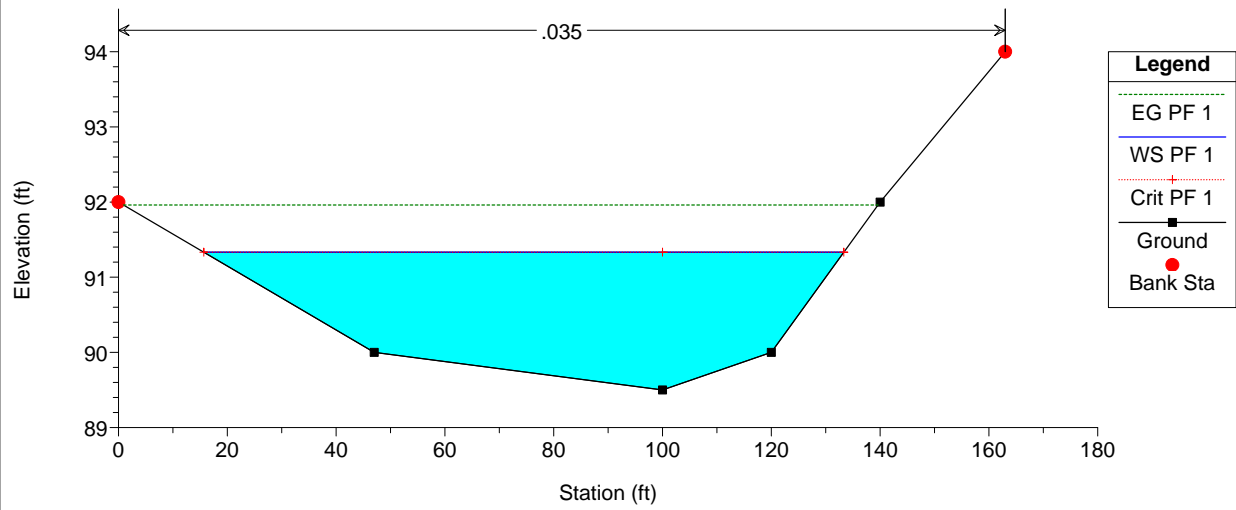
SCALE 1"=20'

HISTORICAL / EXISTING CONDITION
MAP

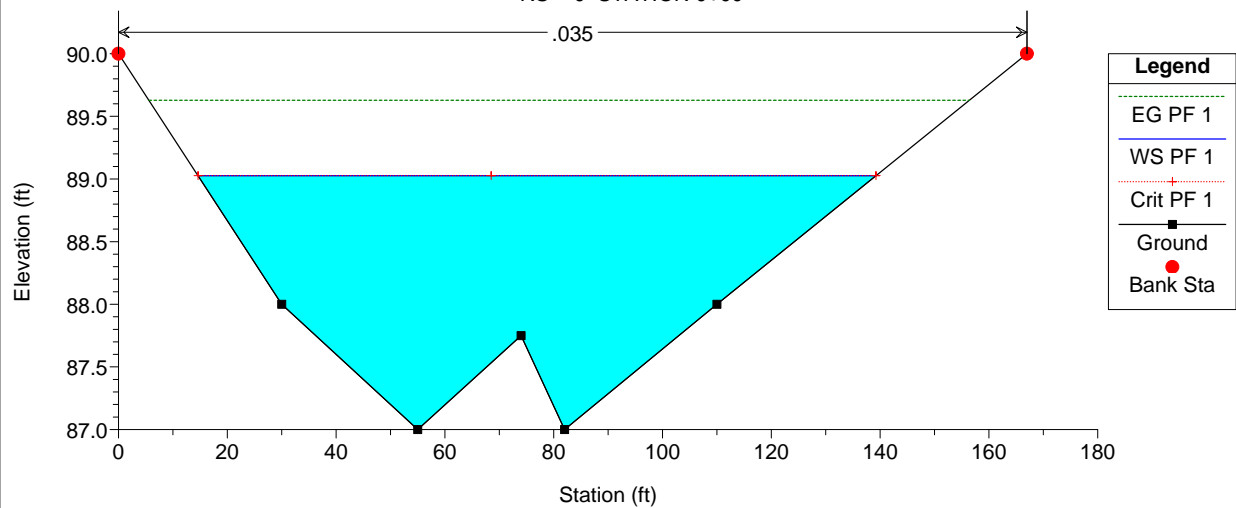
8500 GLENDALE Plan: Plan 01 11/7/2018
RS = 165 STATION 1+65



8500 GLENDALE Plan: Plan 01 11/7/2018
RS = 82.5 STATION 0+82.5

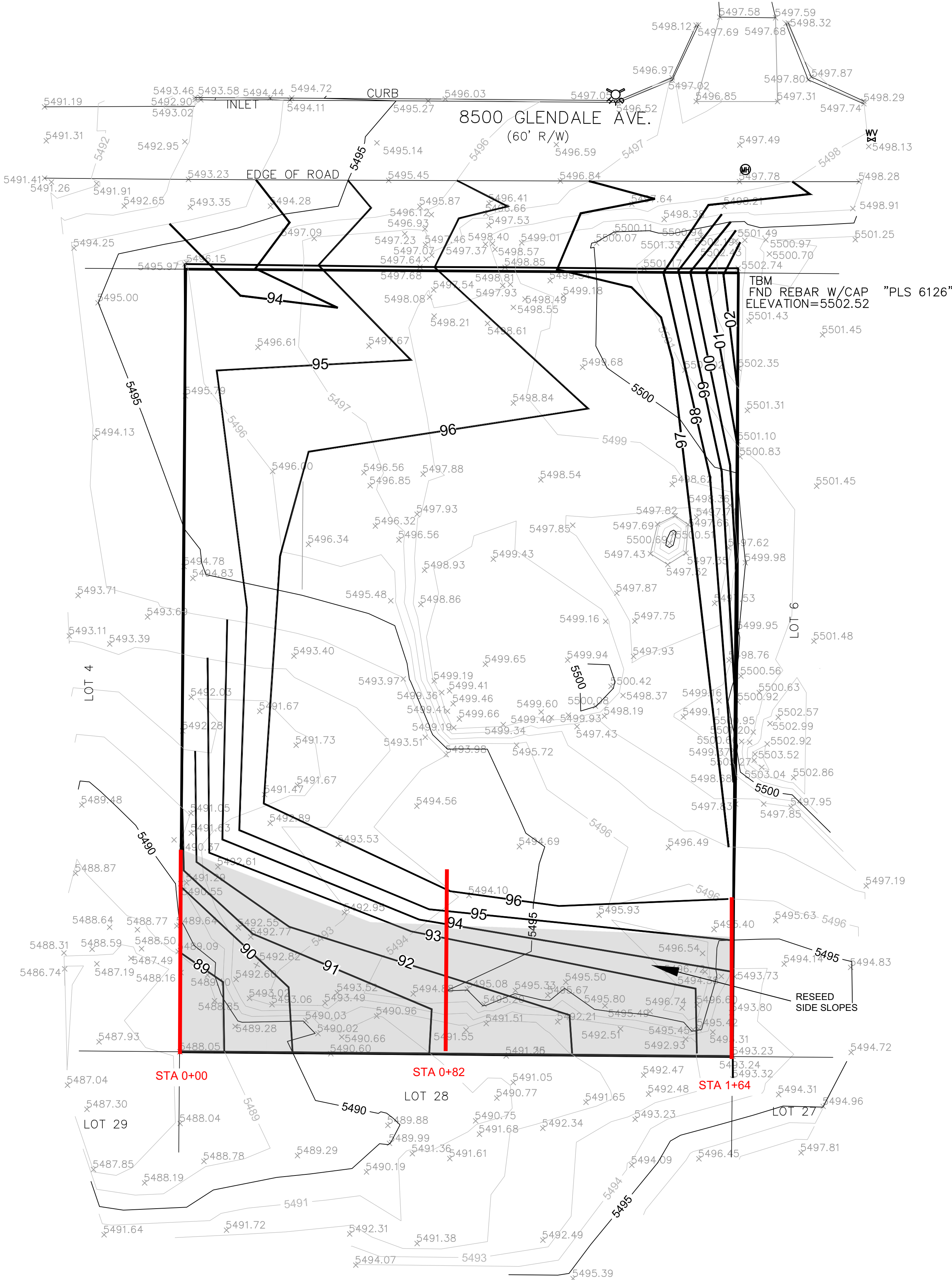


8500 GLENDALE Plan: Plan 01 11/7/2018
RS = 0 STATION 0+00

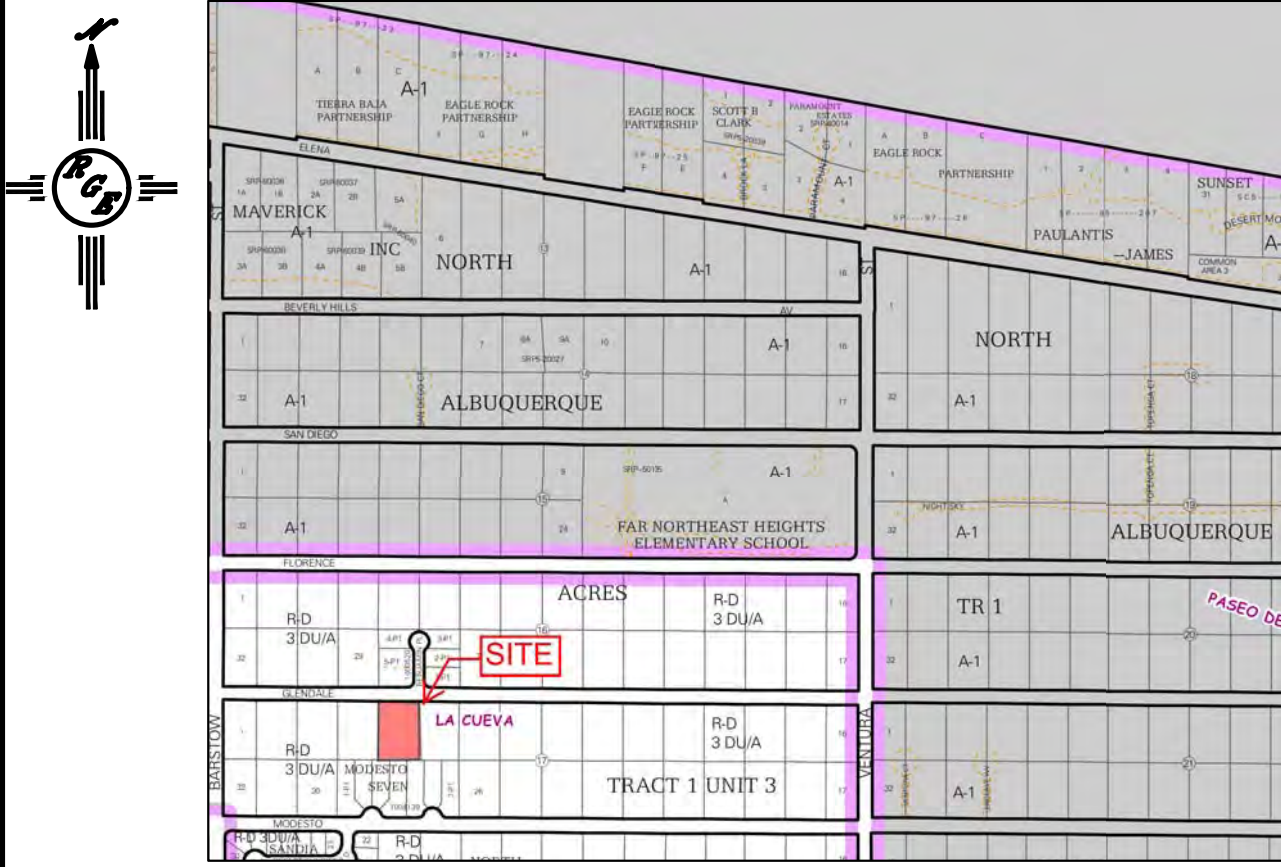
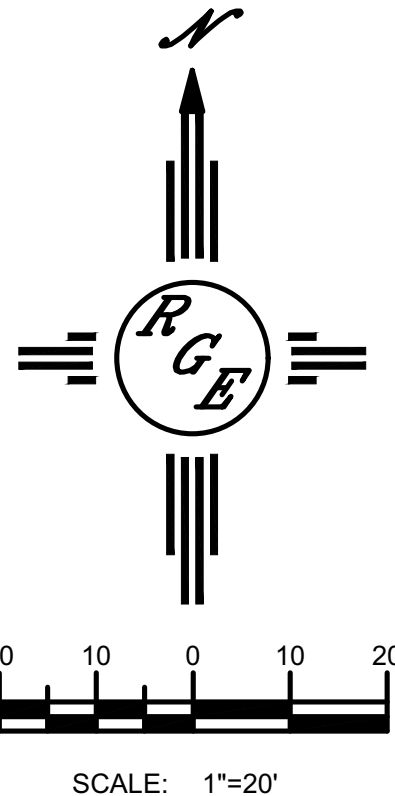


EROSION CONTROL NOTES:

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.

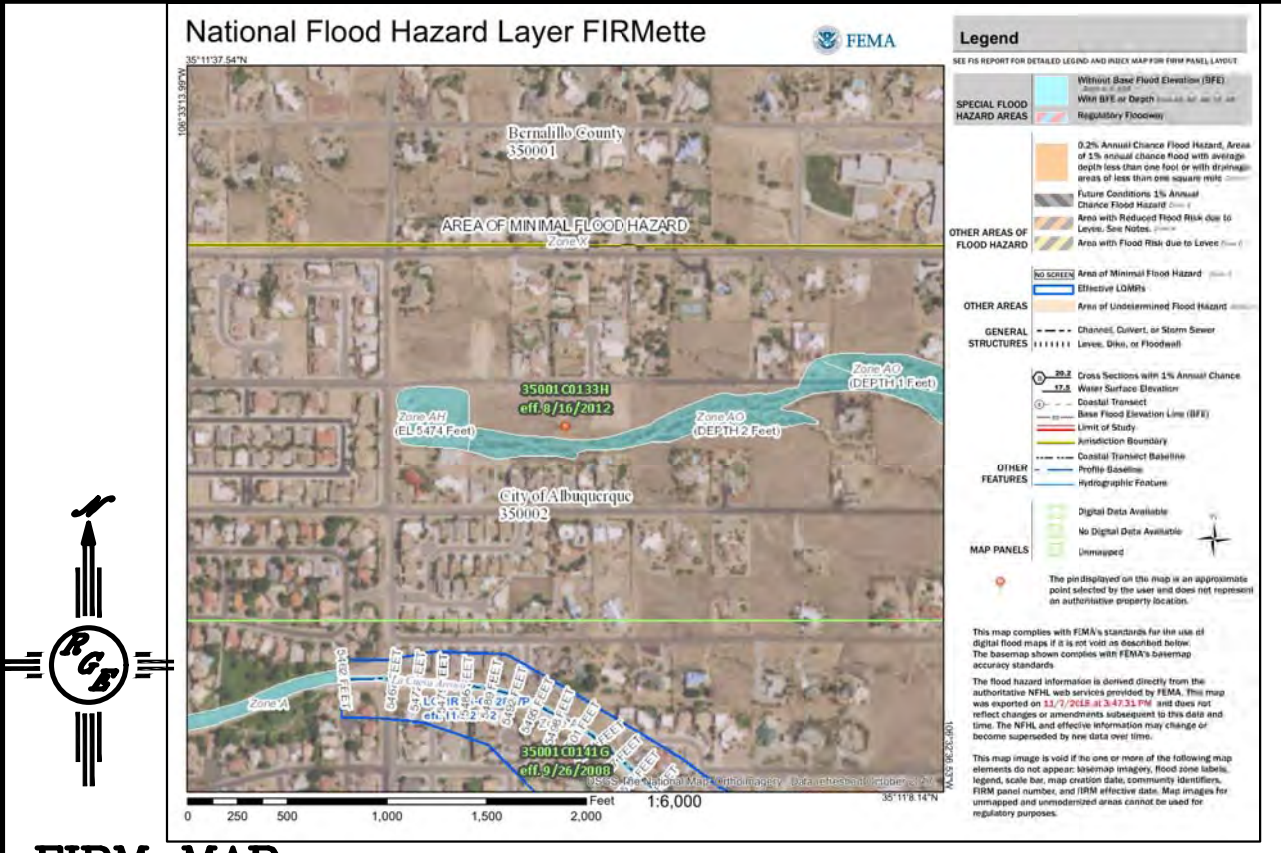


CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.



VICINITY MAP:

B-20-Z



FIRM MAP:

LEGAL DESCRIPTION:

LOT 5, BLOCK 17
NORTH ALBUQUERQUE ACRES TRACT 1, UNIT 3
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

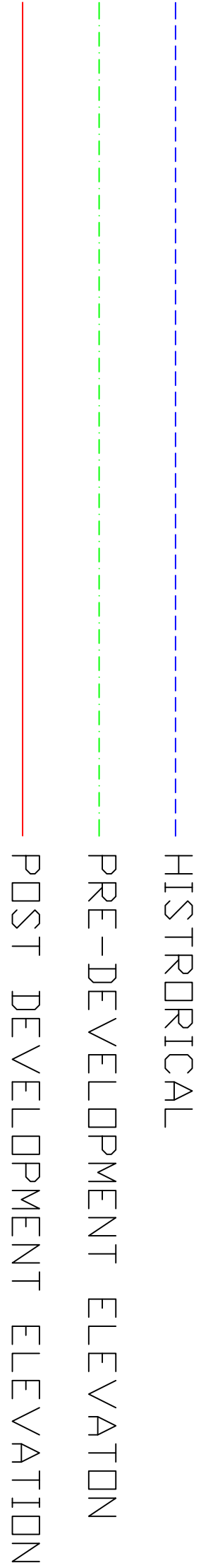
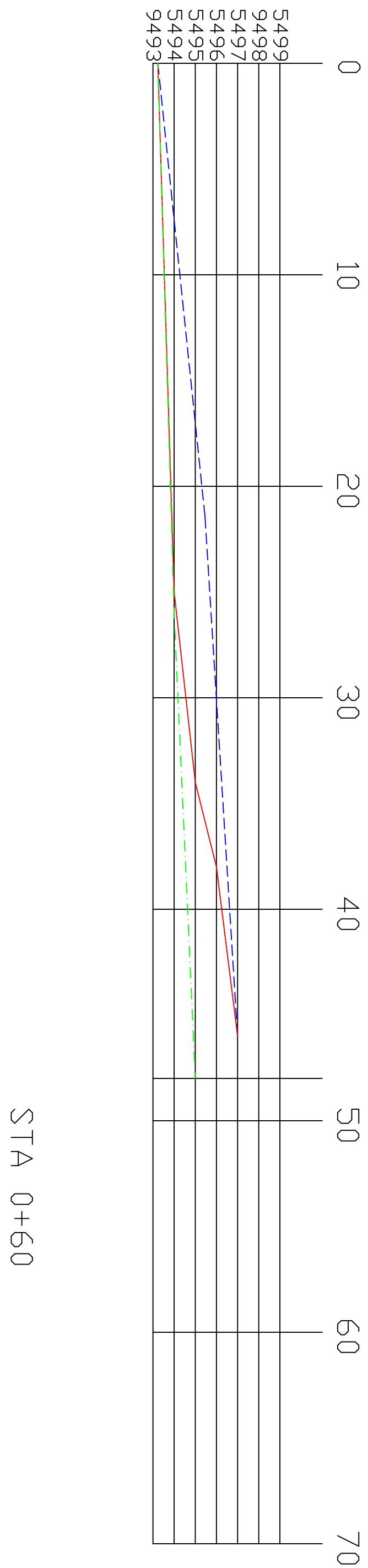
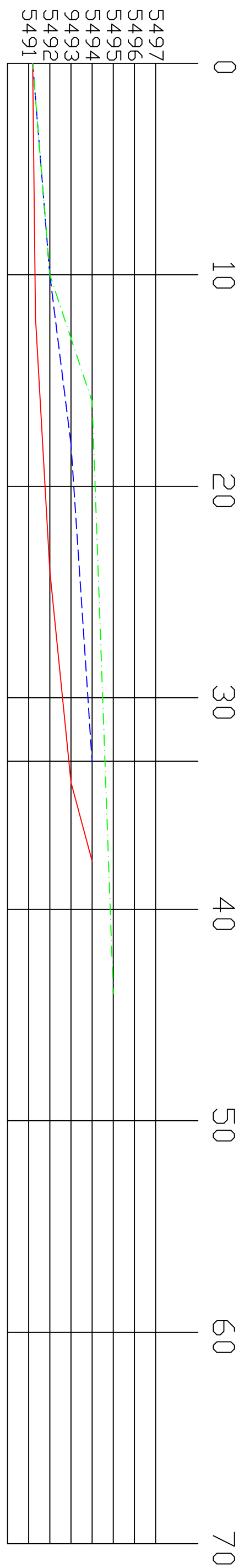
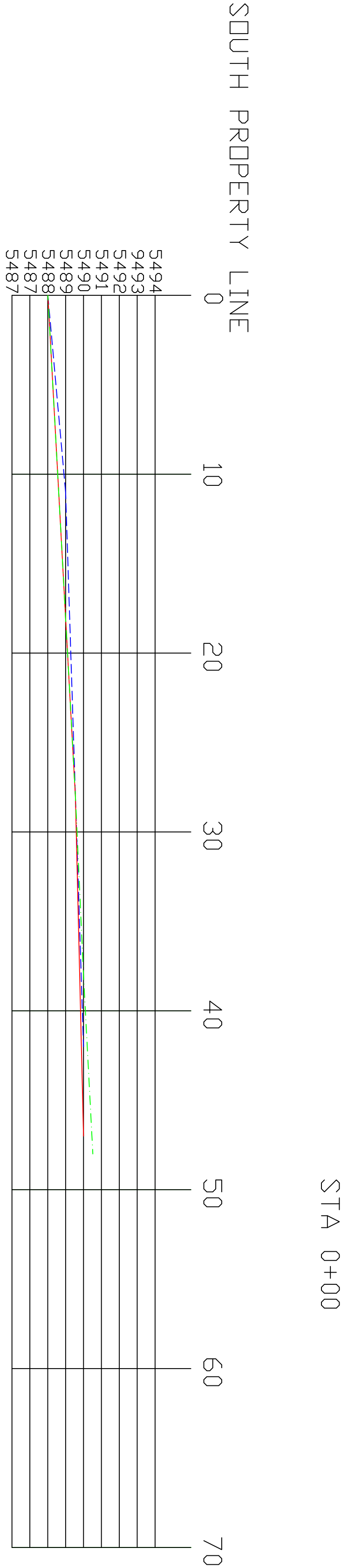
NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS OBTAINED BY OWNER.
3. NO PERIMETER WALLS OR FENCING WILL BE CONSTRUCTED AND ANY FUTURE WALL OR FENCING MUST BE APPROVED BY BERNALILLO COUNTY PUBLIC WORKS.

LEGEND

- 5601— EXISTING CONTOUR
—5600— EXISTING INDEX CONTOUR
—5601— PROPOSED CONTOUR
—5601— PROPOSED INDEX CONTOUR
- LOT LINE
— CENTERLINE
— RIGHT-OF-WAY
— PROPOSED RETAINING WALL
— EXISTING EDGE OF ASPHALT
— PROPOSED CONCRETE
— PROPOSED FLOWLINE

<div>ENGINEER'S SEAL</div> <div></div> <div>1/22/19</div> <div>DAVID SOULE P.E. #14522</div>	8500 GLENDALE AVE.	DRAWN BY DEM
		DATE 1-19-19
		LOT 5, BLOCK 17 ON 3 MAPS
		SHEET # 1 OF 1
<div>RECLAMATION PLAN</div> <div></div> <div>Rio Grande Engineering 1008 CENTRAL AVENUE SUITE 201 ALBUQUERQUE, NM 87108 (505) 872-0888</div>		JOB # XXXXX



1"=5'