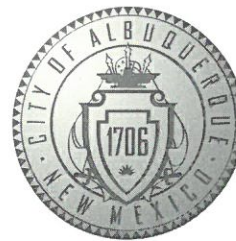# CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director

July 17, 2019

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

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

RE: **Covered Wagon Subdivision**
109 Lanier Rd SE
Grading and Drainage Plan
Engineers Stamp Date 7/16/19 (L23D014B)
Pad Certification Date 7/16/19

Dear Mr. Soule,

Based upon the information provided in your submittal received 7/16/19, this plan is approved for Building Permit.

Please inform the owner/contractor to attach a copy of this approved plan dated 7/16/19 to the construction sets in the permitting process prior to sign-off by Hydrology. Also inform the owner/contactor that a separate permit will be required for any future wall/fence, etc.

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

Sincerely,

James D. Hughes, P.E.
Principal Engineer, Hydrology
Planning Department

RR/JDH
C: File L23D014B

City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 109 lanier   Building Permit #:_____ Hydrology File #:_____

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

Legal Description: LOT 20 COVERED WAGON SUBDIVISION

City Address: 109 lanier

Applicant: JOSE PERELA   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   _X_ RESIDENCE   ___ DRB SITE ___ ADMIN SITE

Check all that Apply:

DEPARTMENT:
- X HYDROLOGY/ DRAINAGE
- ____ TRAFFIC/ TRANSPORTATION

TYPE OF SUBMITTAL:
- ____ ENGINEER/ARCHITECT CERTIFICATION
- X PAD CERTIFICATION
- ____ CONCEPTUAL G & D PLAN
- X 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 _X_ No

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:
- X 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
- X GRADING/ PAD CERTIFICATION
- ____ WORK ORDER APPROVAL
- ____ CLOMR/LOMR
- ____ FLOODPLAIN DEVELOPMENT PERMIT
- ____ OTHER (SPECIFY) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED:_____

FEE PAID:_____

DRAINAGE NARRATIVE

THIS SITE IS PART OF THE COVERED WAGON MASTER DRAINAGE PLAN (L23D14).
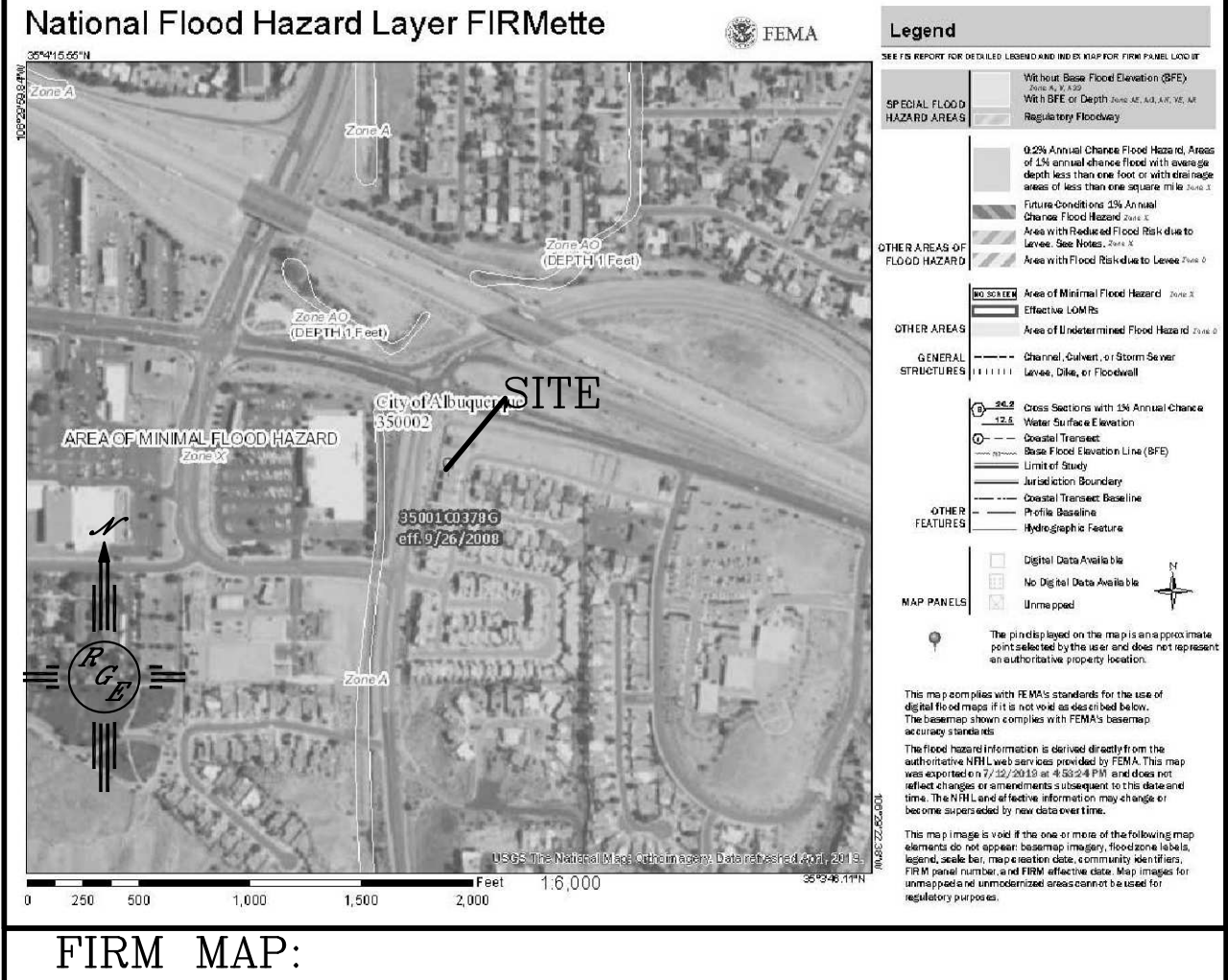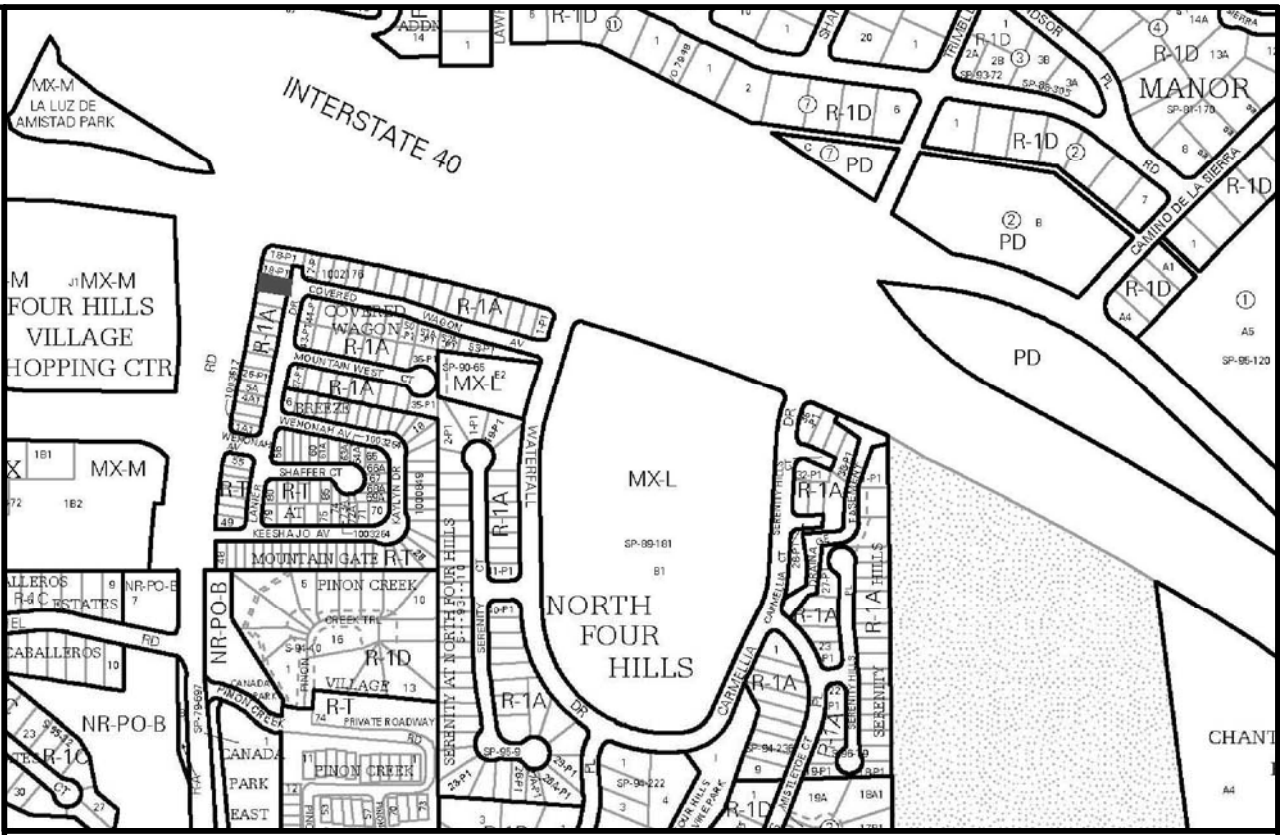THIS SITE IS ALLOWED FREE DISCHARGE.

I, DAVID SOULE HAVE PERSONALLY INPECTED THE SITE. I HEREBY
CERTIFY THE PAD HAS BEEN CONSTRUCTED SUCH THAT IT IS IN
SUBSTANTIAL CONFORMANCE TO THE APPROVED GRADING PLAN DATED 7/16/19
SITE HAS ALREADY BEEN GRADED PRIOR TO PLAN

DAVID SOULE
NEW MEXICO
14522
REGISTERED PROFESSIONAL ENGINEER
7/16/19

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
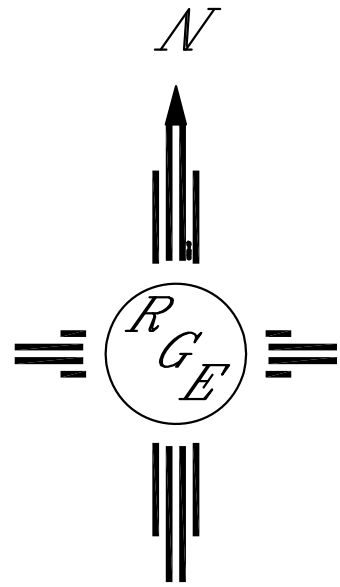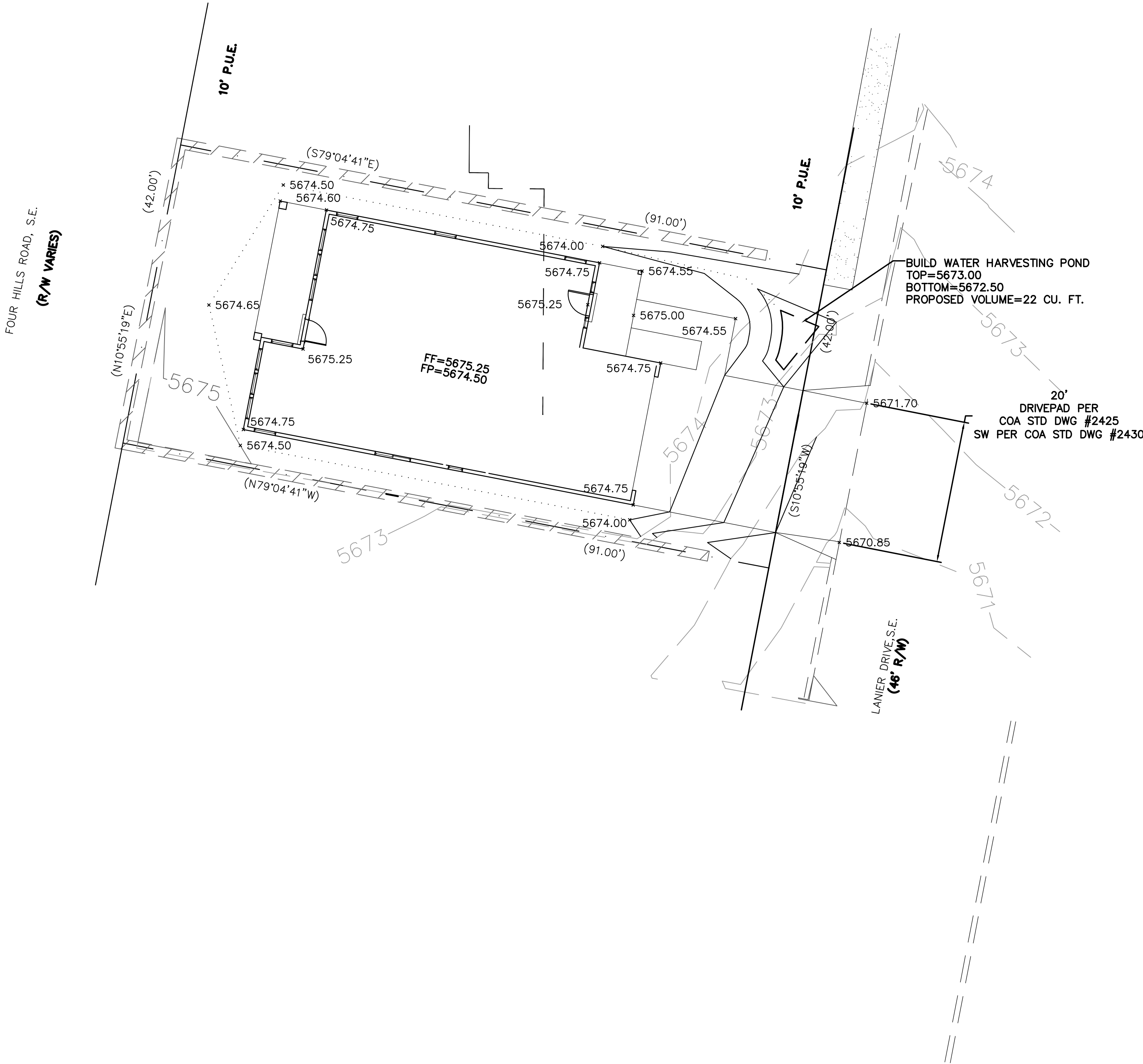WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.

VICINITY MAP: L-23-Z

FIRM MAP:

National Flood Hazard Layer FIRMette — FEMA

LEGAL DESCRIPTION:

LOT 20-P1 COVERED WAGON

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE
NOTED.

2. ALL CURB AND GUTTER TO 6" HEADER UNLESS OTHERWISE
NOTED.

3. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.

4. ANY CURBS OR PAVEMENT NEGATIVELY IMPACTED BY CONSTRUCTION ACTIVITY
SHALL BE REPLACED TO MATCH EXISTING CONDITIONS.

5. ALL SITE WORK SHALL CONFORM TO BERNALILLO COUNTY STANDARDS FOR
PUBLIC WORKS CONSTRUCTION EDITION 9

LEGEND

Symbol	Description
—5414—	EXISTING CONTOUR
—5415—	EXISTING INDEX CONTOUR
—5414—	PROPOSED CONTOUR
—5415—	PROPOSED INDEX CONTOUR
▶	SLOPE TIE
•4048.25	EXISTING SPOT ELEVATION
•4048.25	PROPOSED SPOT ELEVATION
——	BOUNDARY
——	CENTERLINE
——	RIGHT-OF-WAY
——	PROPOSED CURB
=====	EXISTING CURB AND GUTTER
———	EXISTING SIDEWALK
——	PROPOSED RETAINING WALL DESIGN BY OTHERS
— —	DRAINAGE BASIN LINE

Site Plan

10' P.U.E.

FOUR HILLS ROAD, S.E. (R/W VARIES)

(S79°04'41"E)

× 5674.50
5674.60
5674.75
5674.65
5674.75
5674.00
5674.75
5675.25
5675.25
5674.55
5675.00
5674.55
5674.75

FF=5675.25
FP=5674.50

5674.75
5674.50
5674.75
5674.00
(91.00')
(N79°04'41"W)

(42.00')
(N10°55'19"E)
(S10°55'19"W)

10' P.U.E.

BUILD WATER HARVESTING POND
TOP=5673.00
BOTTOM=5672.50
PROPOSED VOLUME=22 CU. FT.

5671.70
5670.85

20'
DRIVEPAD PER
COA STD DWG #2425
SW PER COA STD DWG #2430

LANIER DRIVE, S.E. (46' R/W)

5674 5673 5672 5671 5675

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.

N

GRAPHIC SCALE

10 5 0 5 10

1"=10

ENGINEER'S SEAL

DAVID SOULE
NEW MEXICO
14522
REGISTERED PROFESSIONAL ENGINEER

7/16/19
DAVID SOULE
P.E. #14522

LOT 20-P1 COVERED WAGON GRADING AND DRAINAGE PLAN

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

DRAWN BY WCWJ

DATE 7-16-19

2109059-LAYOUT-7-16-19

SHEET #

JOB # 2109059