

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

December 27, 2020

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

Re: 13501 Elena Gallegos
Request for Certificate of Occupancy - Permanent
Grading and Drainage Plan Stamp Date: 3/16/20
Certification dated: 12/5/20
Drainage File: E23D035

Dear Mr. Soule,

Based on the Certification received 12/23/20 and subsequent site visit on 12/24/20, this certification is approved in support of Permanent Certificate of Occupancy by Hydrology.

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

Sincerely,

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

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 13501 elena gallegos **Building Permit #:** _____ **Hydrology File #:** _____

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

Legal Description: LOT 5 UNIT 1 THE HIGHLANDS AT HIGH DESERT

City Address: 13501 Elena Gallegos

Applicant: _____ **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: _____

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.

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 3/16/20. 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 TIM ALDRICH NMPLS 7719 . 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



12/5/20

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 3/16/20



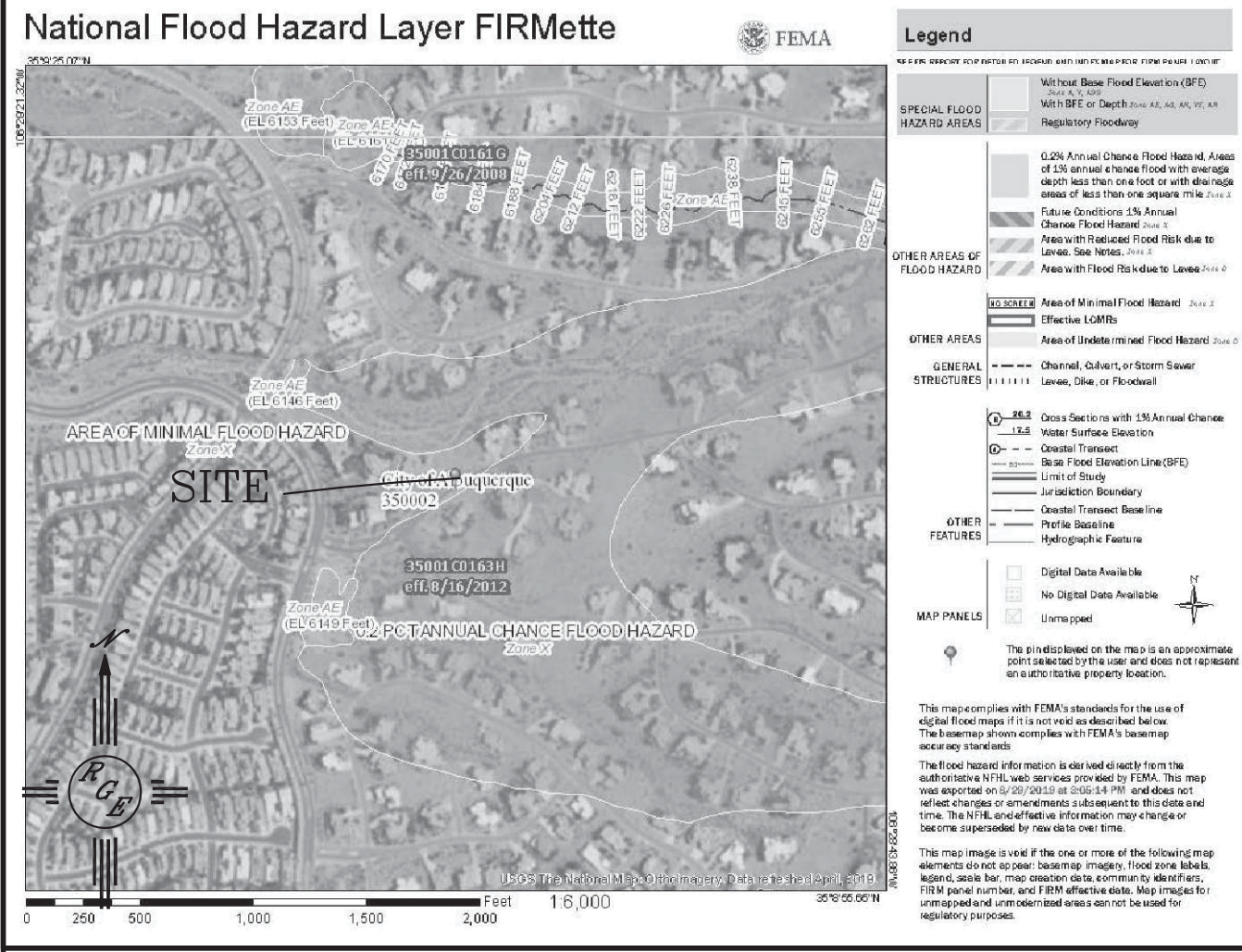
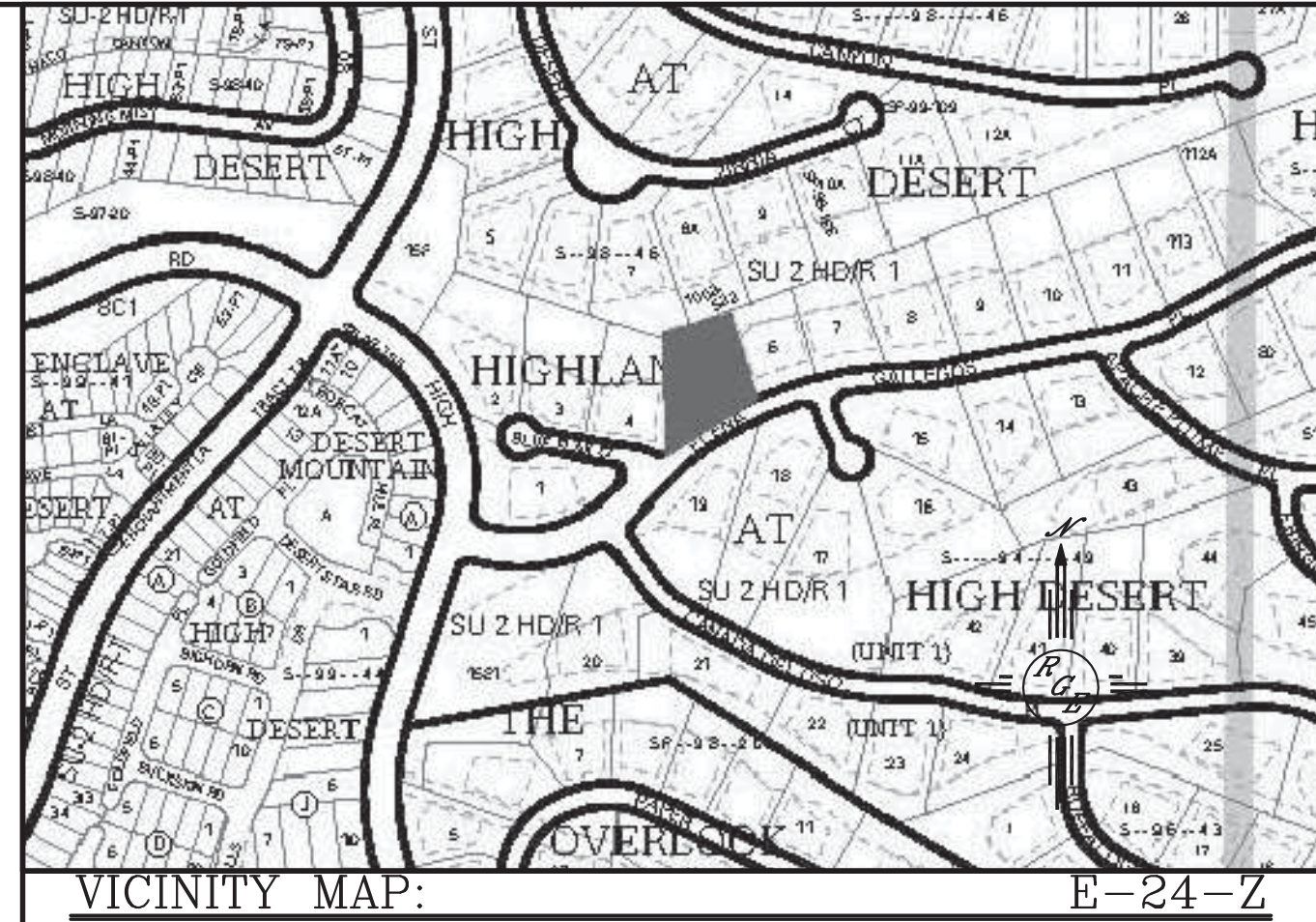
4/23/20

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.

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL ROOF DRAINS SHALL HAVE A SPLASH PAD AND 2' COBBLE SWALE THAT SHALL TIE TO MAIN COBBLES SWALES AROUND THE HOUSE PER DETAIL THIS SHEET..
3. ALL DISTURBED AREAS SHALL BE RESEDED WITH APPROVED HIGH DESERT MIX WITHIN 30 DAYS AFTER THE END OF DISTURBANCE.
4. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
5. SURVEY PROVIDED BY COMMUNITY SCIENCES CORPORATION, BASED UPON NAVD 1988 DATUM.

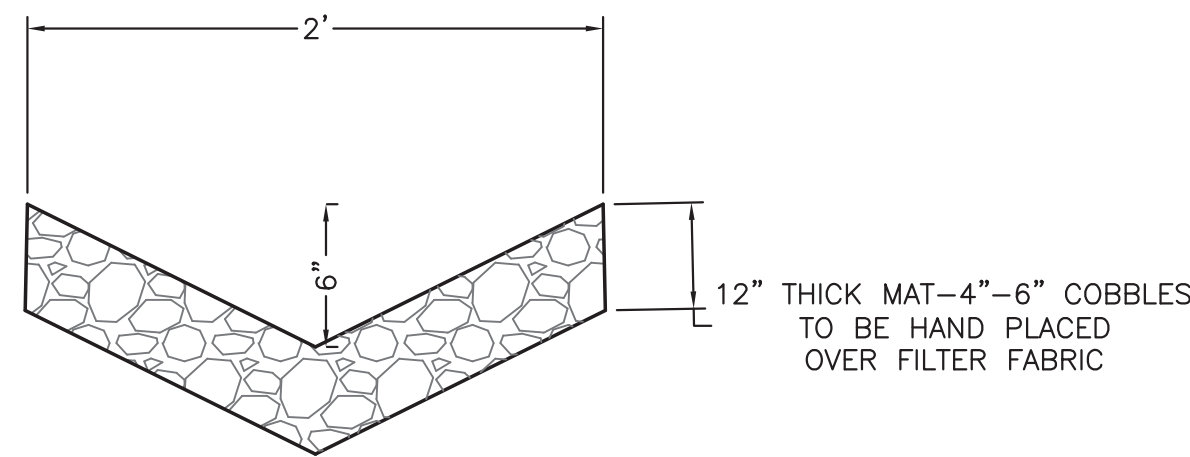
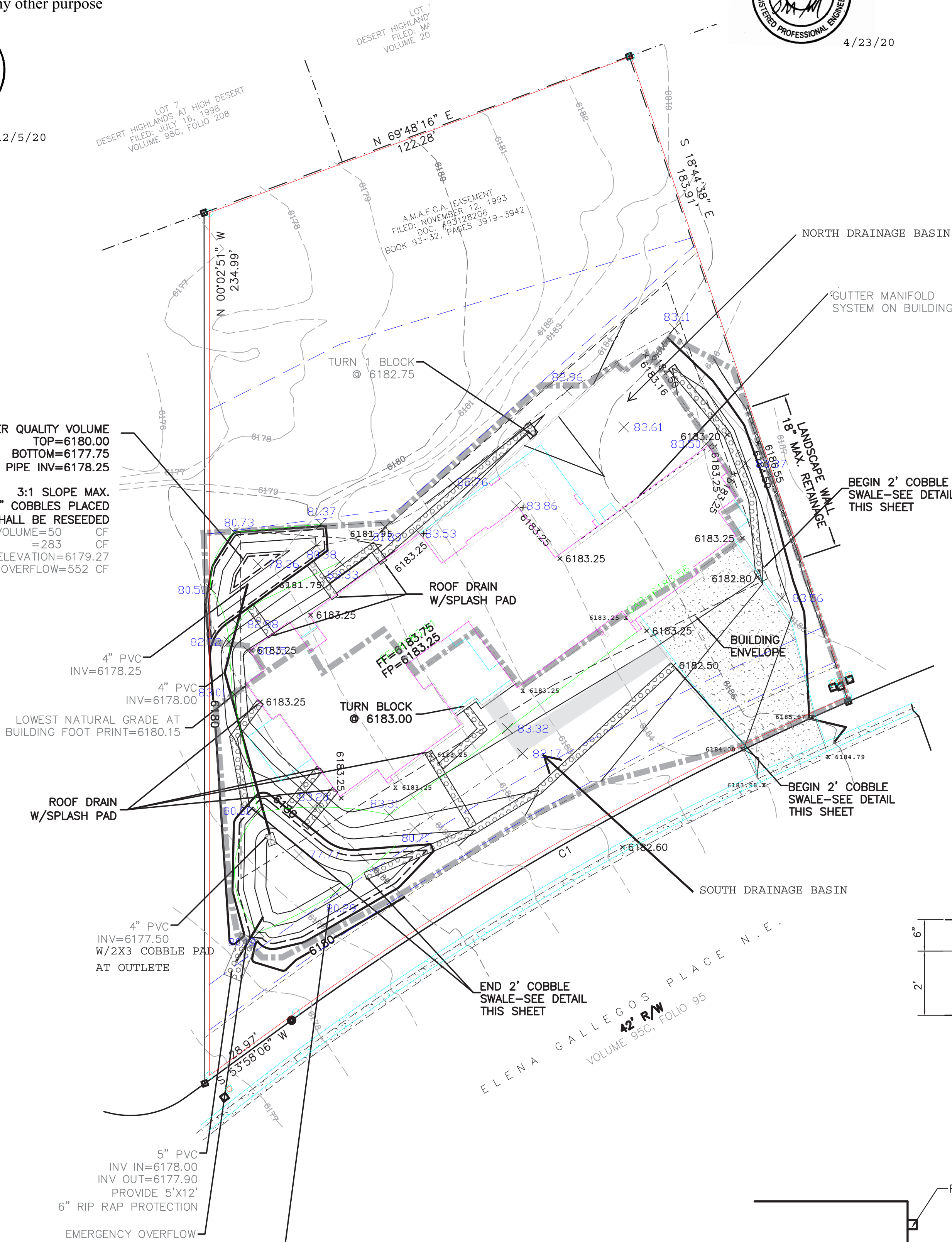


FIRM MAP:

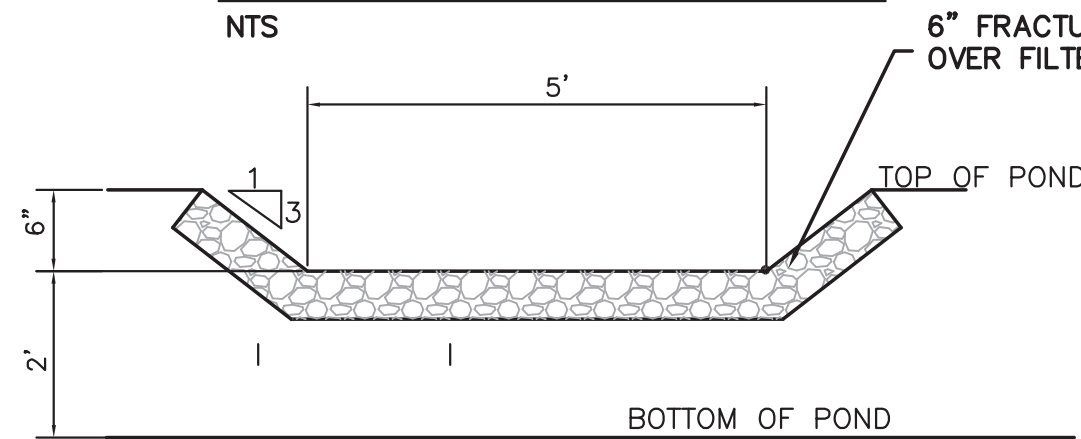
LEGAL DESCRIPTION:

LOT 5, HIGHLANDS AT HIGH RESORT UNIT 1

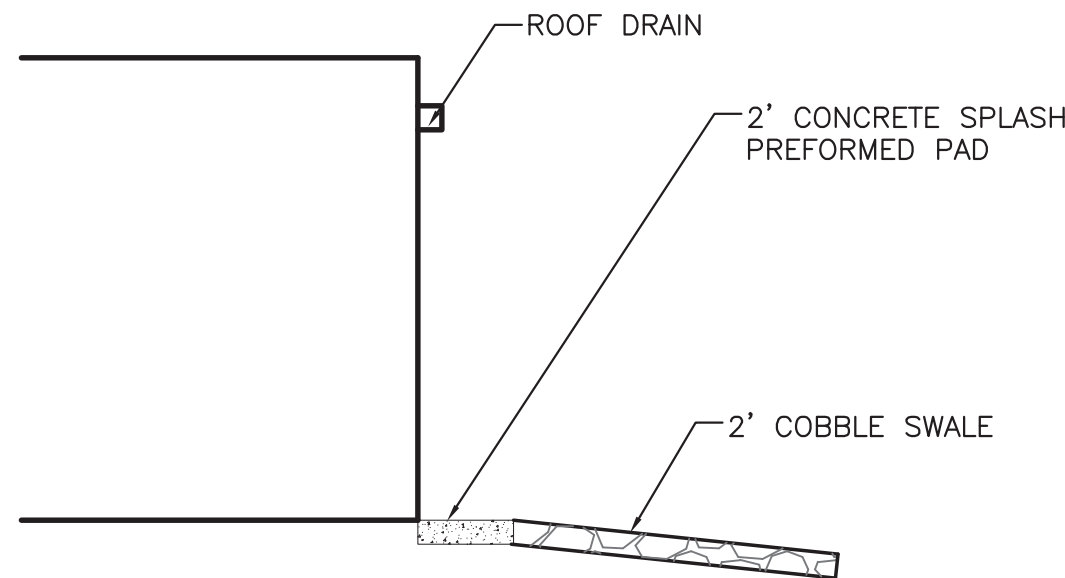
NORTH DETENTION POND WITH WATER QUALITY VOLUME
TOP=6180.00
BOTTOM=6177.75
4" OUTLET PIPE INV=6178.25
3:1 SLOPE MAX.
POND SIDES SHALL BE 4-6" COBBLES PLACED
12" DEEP OVER FILTER FABRIC, BOTTOM SHALL BE RESEDED
REQUIRED WATER QUALITY VOLUME=50 CF
REQUIRED VOLUME =283 CF
MAX WATER SURFACE ELEVATION=6179.27
ACTUAL VOLUME AT OVERFLOW=552 CF



COBBLE SWALE DETAIL

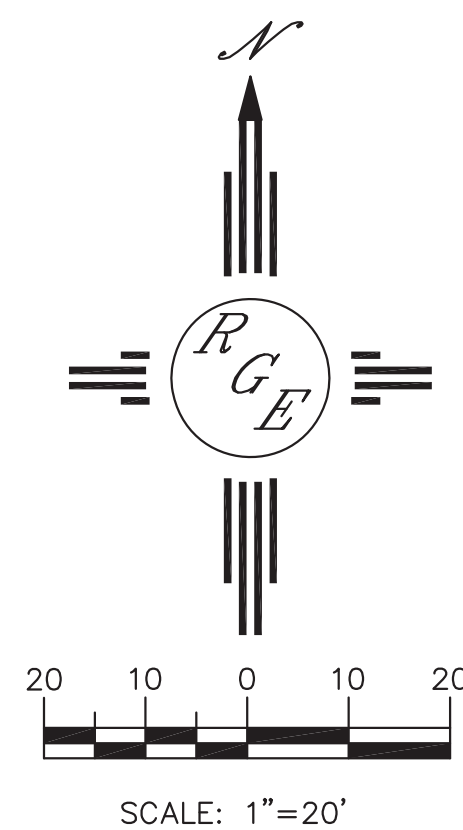


EMERGENCY OVERFLOW DETAIL



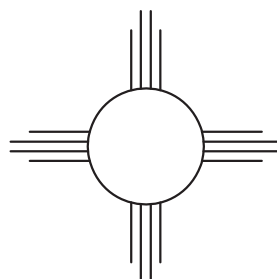
ROOF DRAIN SPLASH PAD DETAIL

NTS



LEGEND

- XXXX ----- EXISTING CONTOUR
- XXXX ----- EXISTING INDEX CONTOUR
- XXXX ----- PROPOSED CONTOUR
- XXXX ----- PROPOSED INDEX CONTOUR
- XXXX ----- SLOPE TIE
- XXXX ----- EXISTING SPOT ELEVATION
- XXXX ----- PROPOSED SPOT ELEVATION
- XXXX ----- BOUNDARY
- XXXX ----- CENTERLINE
- XXXX ----- RIGHT-OF-WAY
- XXXX ----- PROPOSED CURB AND GUTTER
- XXXX ----- EXISTING EDGE OF ASPHALT
- XXXX ----- 2' COBBLE SWALE-SEE DETAIL THIS SHEET
- XXXX ----- BASIN LIMITS

ENGINEER'S SEAL	11907 ELENA GALLEGOS PLACE NE	DRAWN BY WCVJ
DAVID SOULE NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 3/16/20 3/9/20	LOT 5 THE HIGHLANDS AT HIGH RESORT UNIT 1 GRADING AND DRAINAGE PLAN	DATE 9-10-19 2109073-LAYOUT-9-10-19
	 Rio Grande Engineering 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0998	SHEET # JOB # 2109073