

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

August 12, 2025

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

**RE: 11906 San Antonio Dr. NE
Permanent C.O. – Accepted
Engineer's Certification Date: 1/4/23
Engineer's Stamp Date: 7/9/21
Hydrology File: E22D007H2
Case # HYDR-2025-00280**

Dear Mr. Soule:

PO Box 1293

Based on the Certification received 08/06/2025 and the site visit on 8/12/2025, this letter serves an approval of the certification in support of a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

Albuquerque

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

Anthony Montoya, Jr., P.E., CFM
Senior Engineer, Hydrology
Planning Department, Development Review Services

Weighted E Method

Proposed Developed Basins

| Basin | Area (sf) | Area (acres) | Treatment A | | | | Treatment B | | | | Treatment C | | | | Treatment D | | | | 100-Year, 6-hr. Volume (ac-ft) | Flow cfs | 10-day Volume (ac-ft) |
|---------------------|-----------|--------------|-------------|---------|-------|---------|-------------|---------|-------|---------|-------------|---------|------|---------|-------------|---------|---|---------|--------------------------------|----------|-----------------------|
| | | | % | (acres) | % | (acres) | % | (acres) | % | (acres) | % | (acres) | % | (acres) | % | (acres) | % | (acres) | | | |
| TOTAL SITE EXISTING | 14802 | 0.340 | 0% | 0.0000 | 30.0% | 0.0581 | 70.0% | 0.1798 | 0.0% | 0.0000 | 0.957 | 0.027 | 0.84 | 0.027 | | | | | | | |
| PROPOSED REAR | 4962 | 0.114 | 0% | 0.0000 | 37.0% | 0.0423 | 63.0% | 0.0721 | 0.0% | 0.0000 | 1.319 | 0.013 | 0.39 | 0.013 | | | | | | | |
| PROPOSED FRONT | 8820 | 0.225 | 0% | 0.0000 | 7.0% | 0.0158 | 21.0% | 0.0473 | 72.0% | 0.1623 | 2.283 | 0.043 | 1.07 | 0.065 | | | | | | | |
| TOTAL SITE PROPOSE | 14802.00 | | | | | | | | | | | | | | | | | | | | |

Equations:

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

Volume = Weighted D * Total Area

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

Where for 100-year, 6-hour storm

| | |
|----------|----------|
| Ea= 0.8 | Qa= 2.2 |
| Eb= 1.08 | Qb= 2.92 |
| Ec= 1.46 | Qc= 3.73 |
| Ed= 2.84 | Qd= 5.25 |

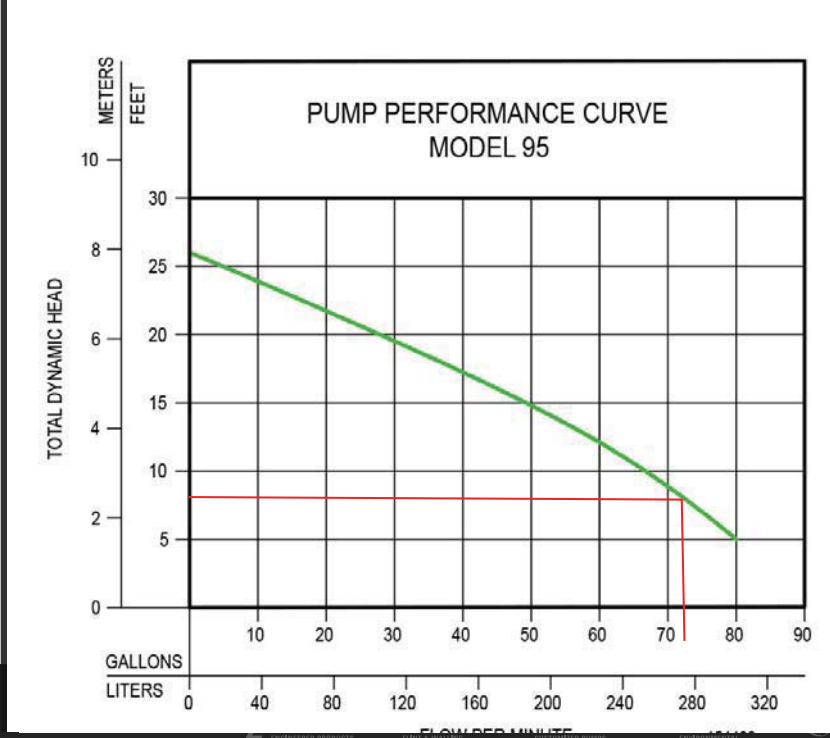
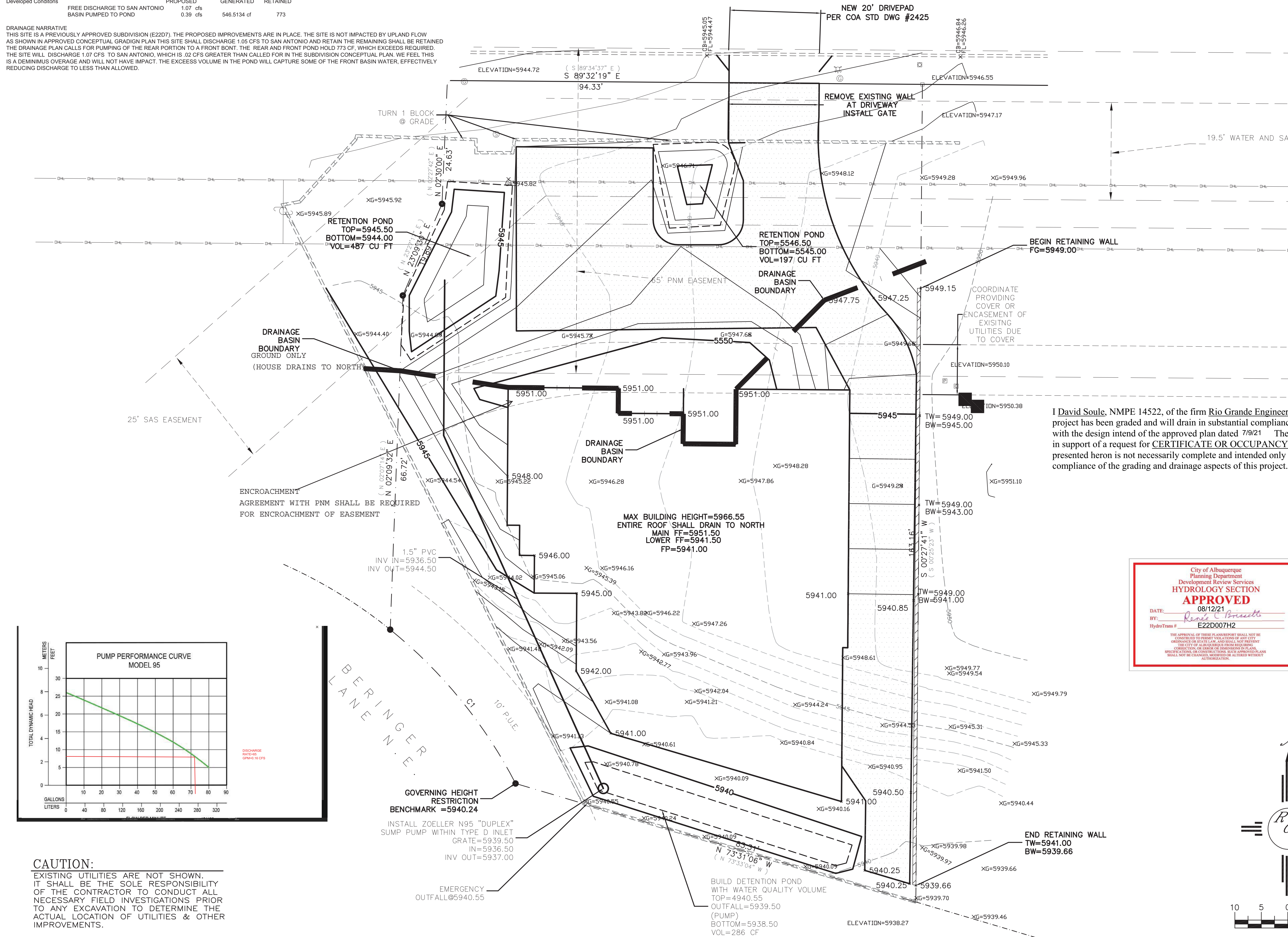
| | | | |
|--|----------|-------------|----------|
| Developed Conditions | PROPOSED | GENERATED | RETAINED |
| FREE DISCHARGE TO SAN ANTONIO BASIN PUMPED TO POND | 1.07 cfs | 546.5134 cf | 773 |

DRAINAGE NARRATIVE
THIS SITE IS A PREVIOUSLY APPROVED SUBDIVISION (E22D7). THE PROPOSED IMPROVEMENTS ARE IN PLACE. THE SITE IS NOT IMPACTED BY UPLAND FLOW AS SHOWN IN APPROVED CONCEPTUAL GRADING PLAN. THIS SITE SHALL DISCHARGE 1.07 CFS TO SAN ANTONIO AND RETAIN THE REMAINING SHALL BE RETAINED. THE DRAINAGE PLAN CALLS FOR PUMPING OF THE REAR PORTION TO A FRONT BONT. THE REAR AND FRONT POND HOLD 773 CF, WHICH EXCEEDS REQUIRED. THE SITE WILL DISCHARGE 1.07 CFS TO SAN ANTONIO, WHICH IS .02 CFS GREATER THAN CALLED FOR IN THE SUBDIVISION CONCEPTUAL PLAN. WE FEEL THIS IS A DEMINIMUS OVERAGE AND WILL NOT HAVE IMPACT. THE EXCESS VOLUME IN THE POND WILL CAPTURE SOME OF THE FRONT BASIN WATER, EFFECTIVELY REDUCING DISCHARGE TO LESS THAN ALLOWED.

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 7/9/21



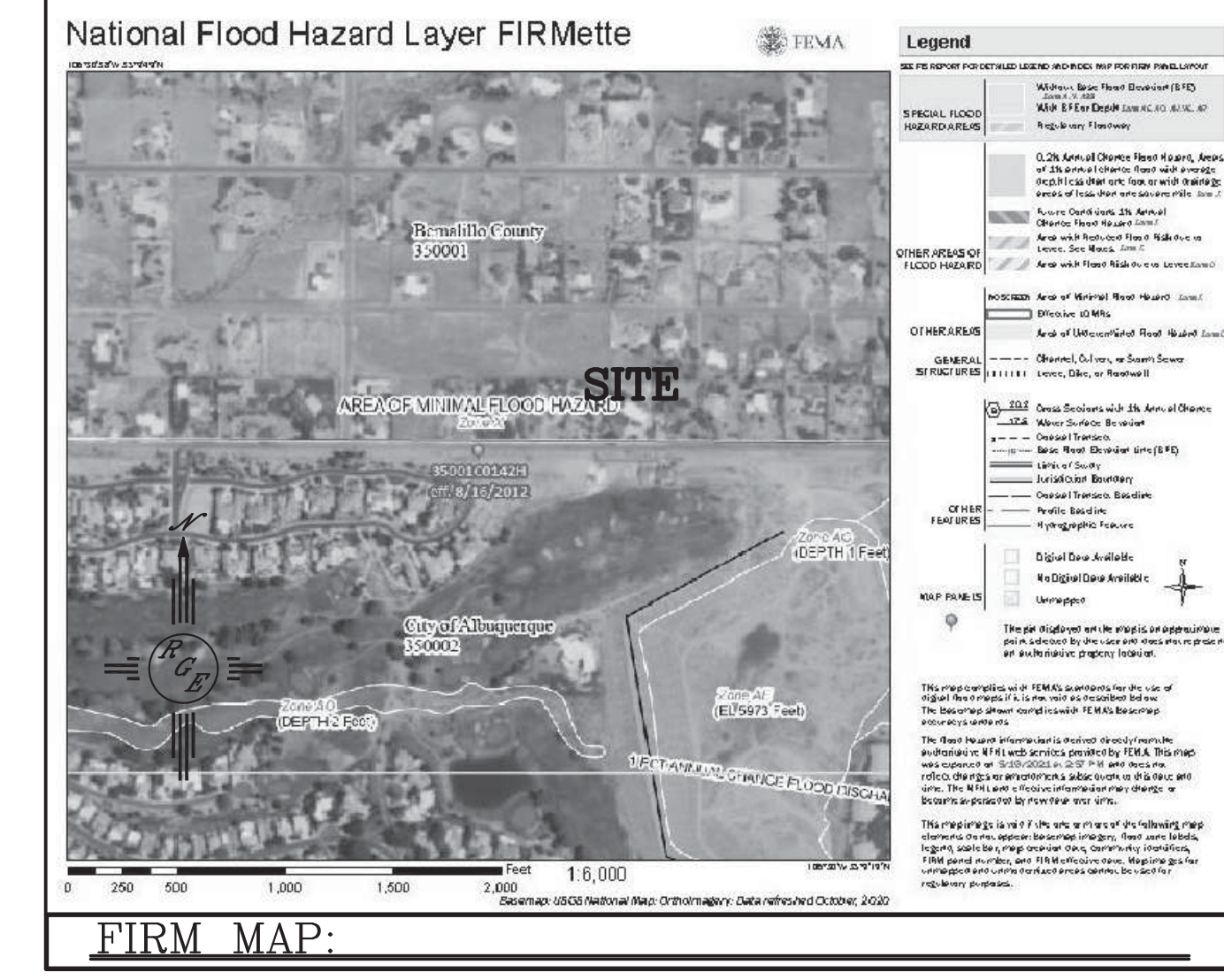
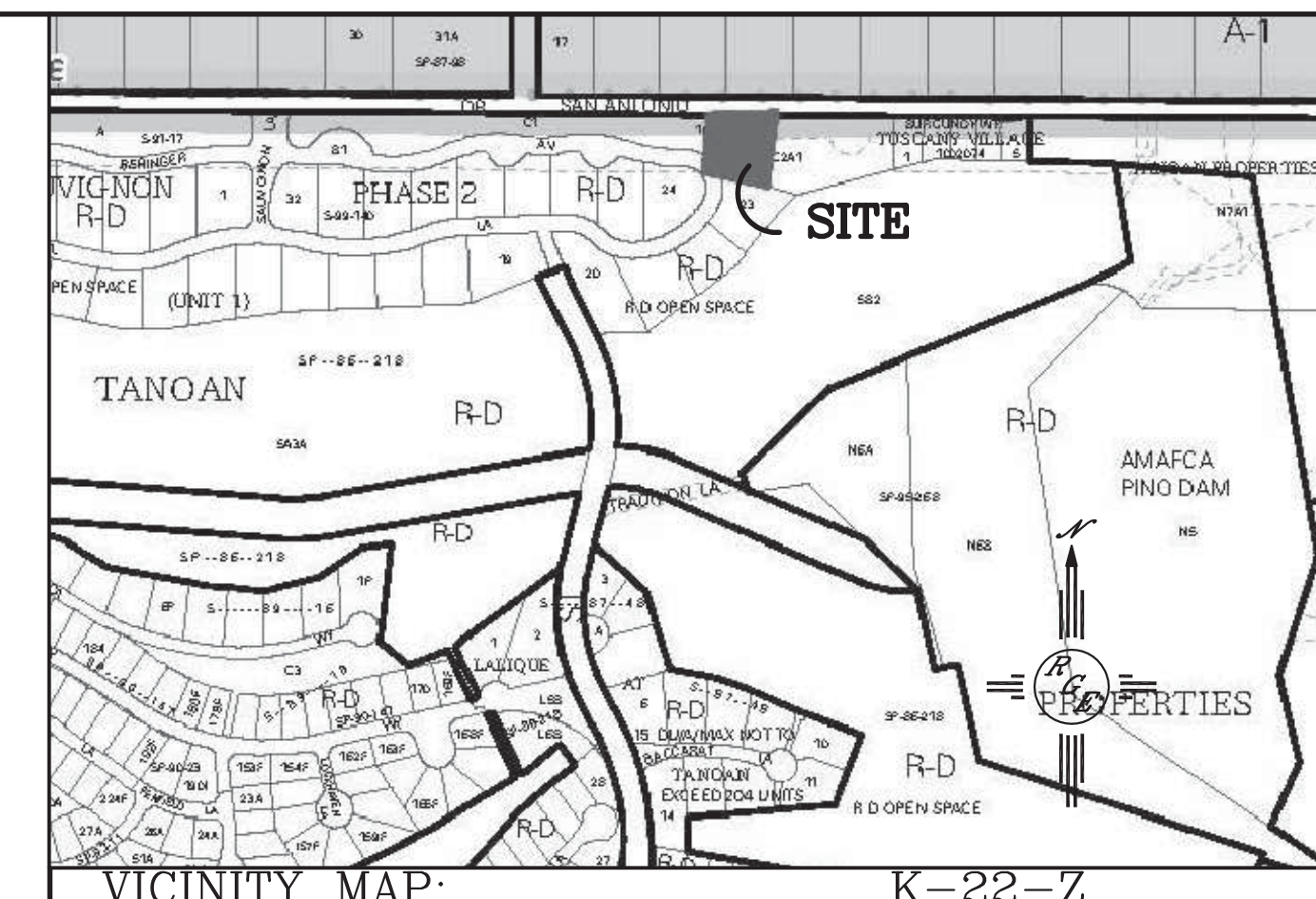
SAN ANTONIO DRIVE N.E.



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.

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.



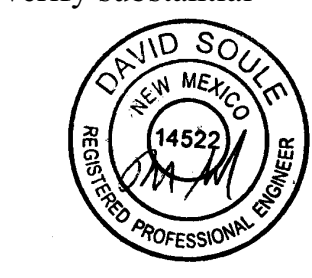
LEGAL DESCRIPTION:

TRACT C-2-A-1-A, SAUVIGNON SUBDIVISION

NOTES:

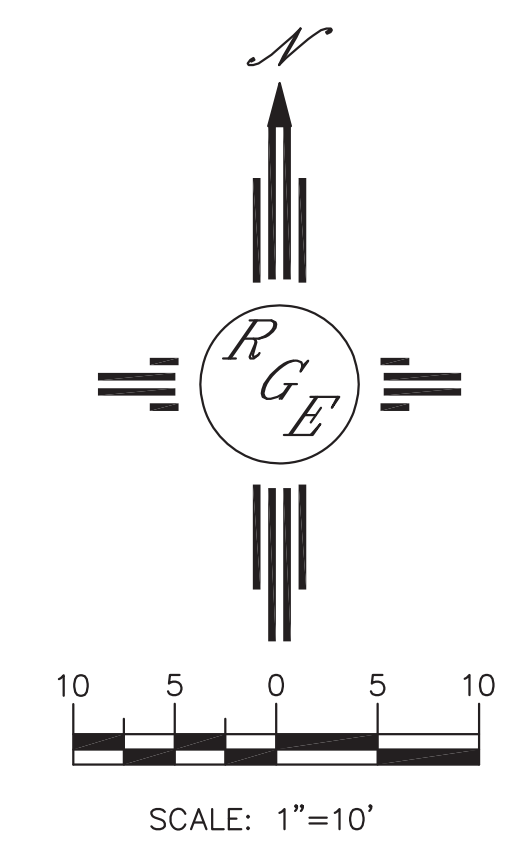
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.

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 7/9/21. The certification is submitted in support of a request for **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.



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
- LOT LINE
- CENTERLINE
- RIGHT-OF-WAY
- PROPOSED 4" PVC SD
- GRAVEL LINED SWALE
- EXISTING CURB AND GUTTER
- COMPACTED GRAVEL DRIVEWAY



| | | |
|--------------------------------|--|---|
| DAVID SOULE P.E. #14522 | TRACT C-2-A-1-A SAUVIGNON SUBDIVISION GRADING AND DRAINAGE PLAN | DRAWN BY: WCVJ DATE: 5-21-21 210210054-LAYOUT-5-20-21 |
| | Rio Grande Engineering 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0998 | SHEET # --- JOB # 21021054 |