

CITY OF ALBUQUERQUE



October 21, 2015

Brad Bingham, P.E.
Bingham Engineering
Albuquerque, NM

RE: **SAD 228 Residence**
6601 Cuervo PL NW
Request Permanent CO - Accepted
Engineers Stamp Date 5/27/15 (D10D003J7)

Dear Mr. Bingham,

Based on the Certification received 10/15/2015, the above mentioned building is acceptable for release of Certificate of Occupancy by Hydrology.

If you have any questions please contact me at 924-3695 or Totten Elliott at 924-3982.

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Hydrology
Planning Department

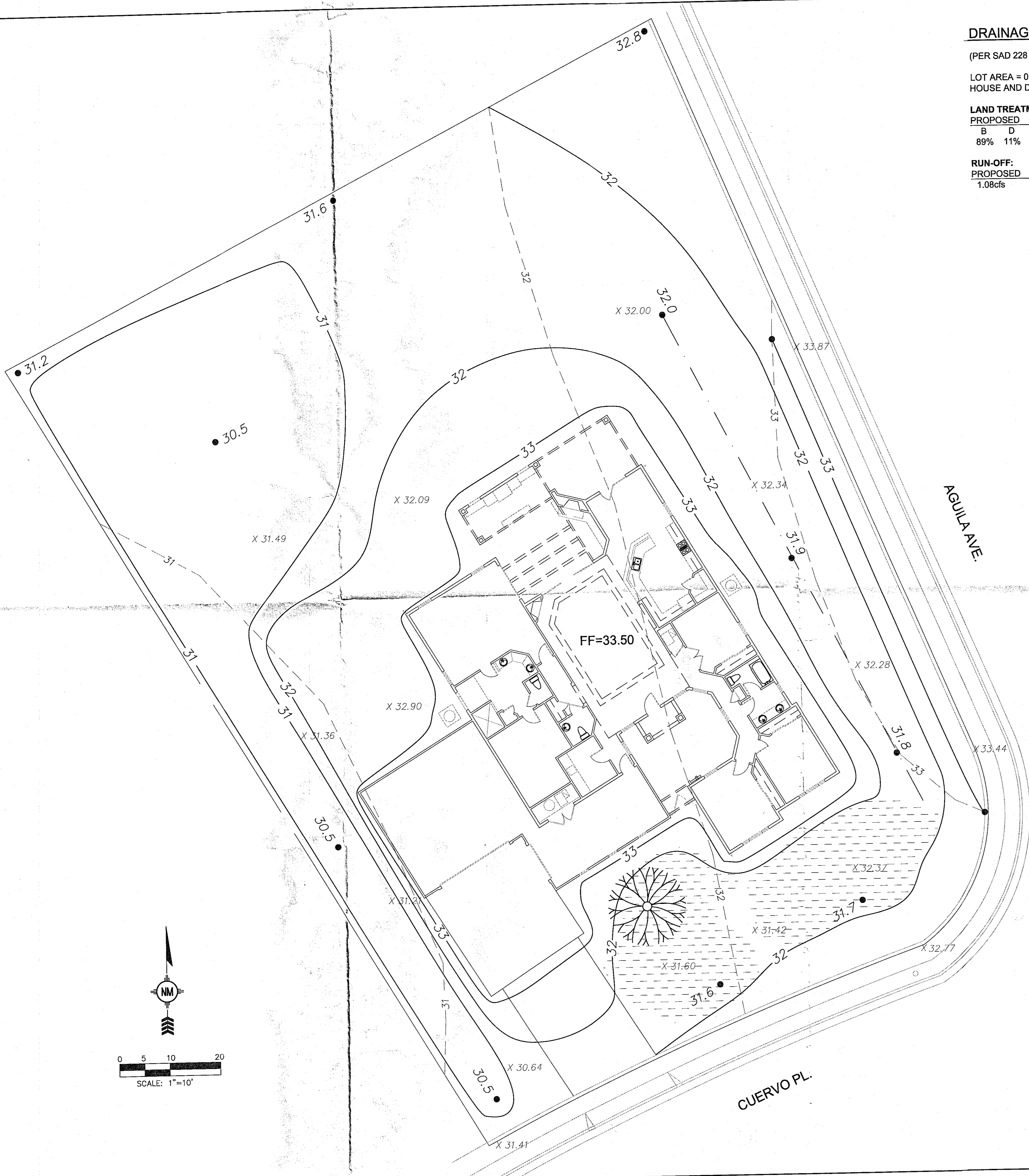
PO Box 1293

Albuquerque

New Mexico 87103

TE/RH
C: File

www.cabq.gov



DRAINAGE CALCULATIONS:

(PER SAD 228 DRAINAGE REPORT)

LOT AREA = 0.5506 Ac. = 23984 sf
HOUSE AND DRIVEWAY = 4800 sf

| LAND TREATMENTS: | |
|------------------|----------|
| PROPOSED | EXISTING |
| B | D |
| 89% | 11% |
| A | 100% |

| RUN-OFF: | |
|----------|----------|
| PROPOSED | EXISTING |
| 1.08cfs | 0.65 cfs |

PLAN NOTES:

SAD 228 DRAINAGE REPORT (EXCERPTS ATTACHED) STATES RUN-OFF FROM THIS LOT IS INTENDED TO DRAIN TO CUERVO PL. WHICH WILL THEN DRAIN TO POND 5. HOWEVER, APPROXIMATELY 50% (WESTERN HALF) OF THE LOT CANNOT DRAIN TO STREET AND WILL BE PONDED ON RESIDENTIAL LOT THE EASTERN HALF OF LOT WILL BE GRADED TO DRAIN TO VEGETATED AREA IN FRONT YARD THAT EVENTUALLY DRAINS OUT DRIVE PAD.

PONDING VOLUME* = $\frac{1.13 \text{ Ac/ft}}{8.73 \text{ Ac}} \times (50)(23984) = 1540 \text{ CU. FT}$
* RUN-OFF VOLUME EXTRACTED FROM SAD 228 REPORT.
POND VOLUME PROVIDED - 2000 CU. FT

LEGAL DESCRIPTION:

6601 CUERVO PLACE NW
LOT 7, BLK 4
VOLCANO CLIFF SUBDIVISION, UNIT 18

NEAREST BENCHMARK

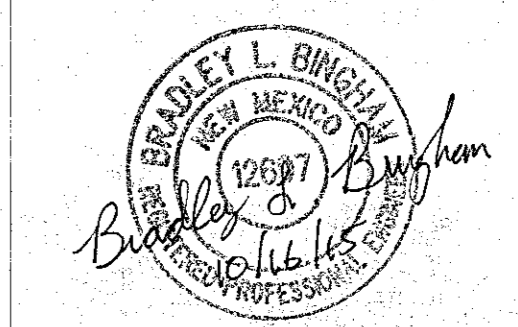
ACS 17-D10
APPROXIMATELY 200 FT SOUTH OF THE INTERSECTION OF PETIRROJO AND COMPASS.

LEGEND

- 32.0 PROPOSED SPOT ELEVATION
- X 32.00 EXISTING SPOT ELEVATION
- 31 — EXISTING CONTOUR
- 31 — PROPOSED CONTOUR
- - - - - PROPOSED DRAINAGE SWALE
- [Hatched Box] VEGETATIVE COVER

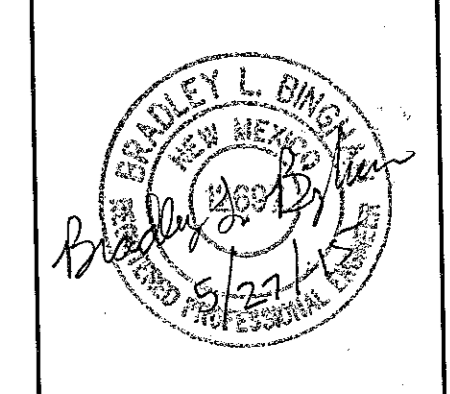
I, Bradley L. Bingham P.E., NM 12697 OF THE FIRM BINGHAM ENGINEERING, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAW IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 5. THE RECORD INFORMATION ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY (SEE NOTE)* OF THE FIRM. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 10/13/15 AND HAVE DETERMINED BY VISUAL INSPECTION THAT ACTUAL SITE CONDITIONS ARE IN COMPLIANCE WITH DESIGN INTENT. THIS CERTIFICATION IS IN SUPPORT OF A REQUEST FOR CERT. OF OCCUPANCY

* NO SURVEY DATA TAKEN DUE TO VISUAL INSPECTION THAT CLOSELY REFLECTS DESIGN.



DRAFTING SERVICES
PO BOX 1003
ALBUQUERQUE, NM 87123
(505) 322-4491

| REVISIONS | | DATE | BY |
|-----------|--|------|----|
| 1 | | | |
| 2 | | | |
| 3 | | | |



6601 CUERVO PL. NW
RIO RANCHO, NEW MEXICO

SITE PLAN

BINGHAM ENGINEERING
515 Montclair Drive, SE
Albuquerque, New Mexico, 87108
(505) 258-1277

| | |
|--------|---------|
| DATE | 5/27/15 |
| PROJ # | 15102 |
| SHEET | 1 OF 1 |