

DRAINAGE INFORMATION SHEET

CITY OF ALBUQUERQUE, N.M.

PROJECT TITLE: Britt Bare 4-Plex ZONE ATLAS/DRNG. FILE #: L15/D 20

LEGAL DESCRIPTION: Lot 26, Block 13 - Clayton Heights

CITY ADDRESS: 1920 Buena Vista Drive S.E.

ENGINEERING FIRM: Logan/Gross and Associates CONTACT: Duane L. Logan

ADDRESS: 925 6th St. NW Suite 3 PHONE: 243-6353

OWNER: Britt Bare CONTACT: Britt Bare

ADDRESS: 1916 Buena Vista Dr. SE PHONE: 898-5173

ARCHITECT: Bill Buckley CONTACT: Bill Buckley

ADDRESS: 3625 Central NE PHONE: 255-9196

SURVEYOR: Logan/Gross and Associates CONTACT: Duane L. Logan

ADDRESS: 925 6th St. NW Suite 3 PHONE: 243-6353

CONTRACTOR: None Yet CONTACT: _____

ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

☒ YES- For 1924 Buena Vista S.E. DRB NO. _____

☐ NO EPC NO. _____

☒ COPY OF CONFERENCE RECAP PROJ. NO. _____
SHEET PROVIDED

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE DEVELOPMENT PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☒ BUILDING PERMIT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ ROUGH GRADING PERMIT APPROVAL
- ☐ GRADING/PAVING PERMIT APPROVAL
- ☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: March 5, 1987

BY: Duane L. Logan



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

March 10, 1987

Louis Gross
Logan/Gross & Associates
925 Sixth Street, NW Suite 3
Albuquerque, New Mexico 87102

RE: DRAINAGE PLAN FOR BRITT BARE 4 PLEXES
(L-15/D28) ENGINEERS STAMP DATED MARCH 4, 1987

Dear Louis:

Based on the information provided on your submittal of March 4, 1987, the above referenced drainage plan is approved for Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bmj

PUBLIC WORKS DEPARTMENT

Walter Nickerson, P.E., City Engineer

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

LOT 26, BLOCK 13, CLAYTON HEIGHTS

ALBUQUERQUE, N.M.

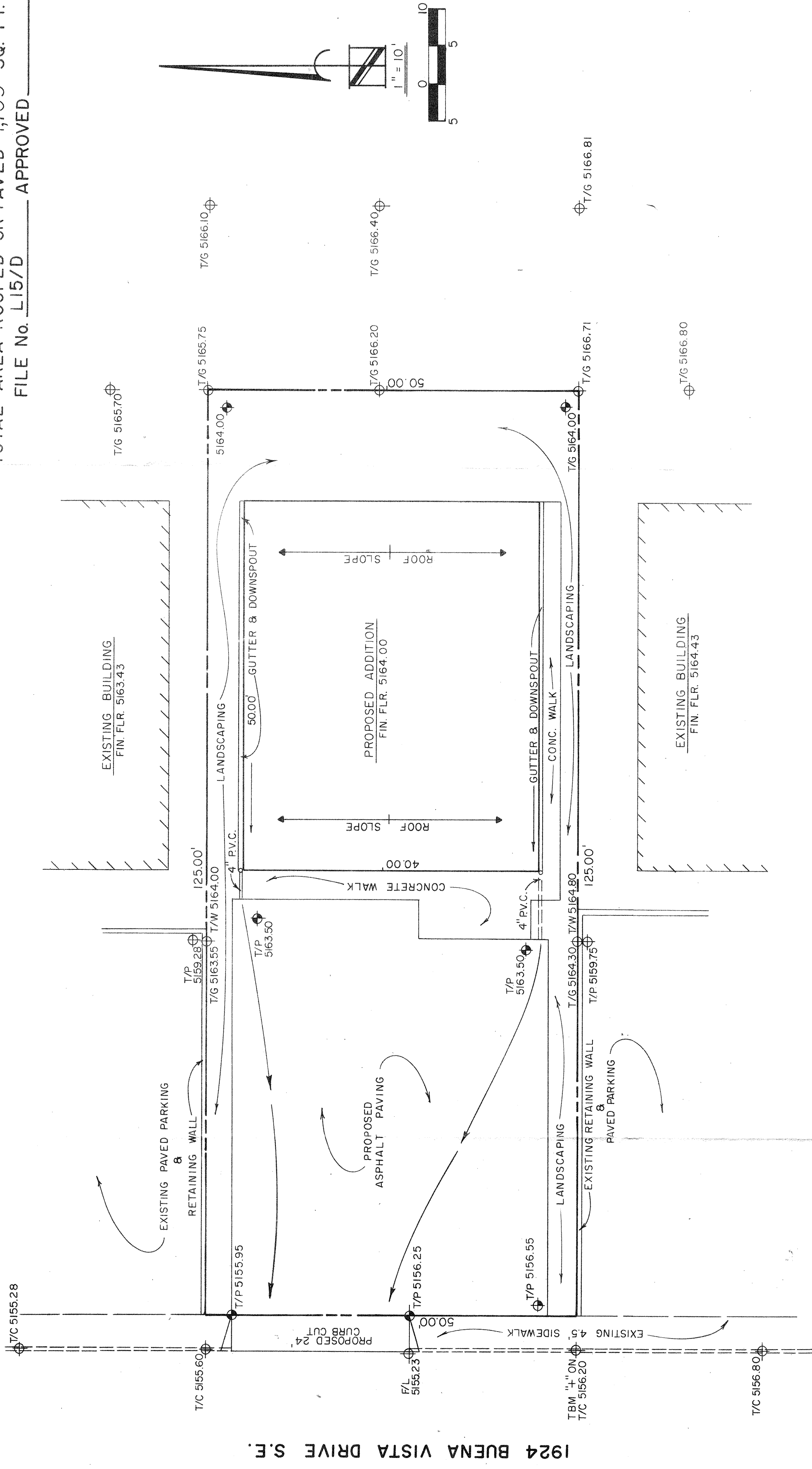
ZONE MAP L-15, FLOOD MAP 35, SOIL TYPE "B"

BENCHMARK 5-L15, ELEV. 5152.59

TOTAL AREA = 6250 SQ. FT. = 0.14 ACRES

TOTAL AREA ROOFED OR PAVED 4,709 SQ. FT. = 75 %

FILE No. L15/D APPROVED _____



OFF-SITE FLOW: MINIMAL SHEET FLOW FROM A 25' x 50' AREA TO THE EAST.
 Cu = 0.40 x 4.90 x 0.03 = 0.06 C.F.S.
 Q_u = 0.40, I = 2.15 x 2.28 = 4.90, A = 0.14
 Q_u = 0.40 x 4.90 x 0.14 = 0.27 C.F.S.

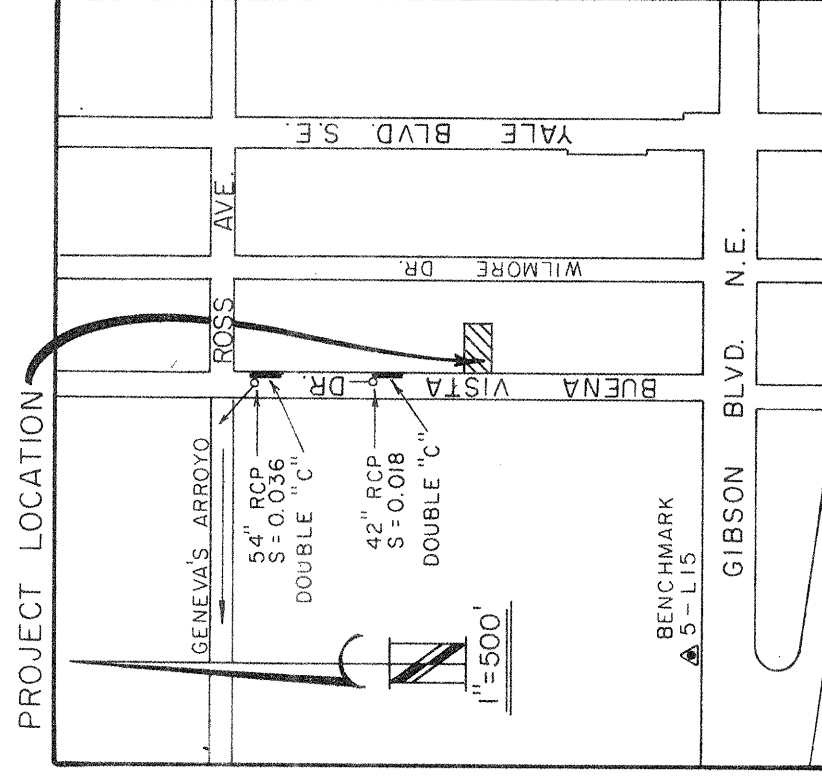
DOWNSTREAM

$Q_2 = 0.77 \times 4.90 \times 0.14 = 0.53$ CFS. $\therefore 0.26$ CFS INCREASE.
 DEVELOPED VOLUME, PER CN90 = 0.12×6250 S.F. = 750 CU FT.
 FACILITY CAPACITY = 1765 CFS. INTO 42 CFS. AT 100% ON BUENA VISTA.
 CAPACITY = 150 CFS. PER A.C.P.A. FIG. 3.21
 CONTRIBUTION OF LOT 26 = 3% OF INLET CAPACITY AND 0.40 %
 OF PIPE CAPACITY.

DRAINAGE CAPACITY AT INLET = 10 MINUTES FROM LOT 26
 PER KIRCHHOFF MONOGRAPH. CONSEQUENTLY, PERMISSIBLE TO PERFORM
 DISCHARGE. IS REQUESTED, BASED ON CONCENTRATION TIME AND
 CAPACITIES OF DOWNSTREAM FACILITIES.

$4738 / 6250 = 0.77$

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE TO THE FOLLOWING:
 - a. NO SEDIMENT-BEARING WATER SHALL BE ALLOWED TO DISCHARGE THE SITE DURING CONSTRUCTION.
 - b. DURING GRADING OPERATIONS AND UNTIL THE PROJECT HAS BEEN COMPLETED, ALL ADJACENT PROPERTY, RIGHTS-OF-WAY, AND EASEMENTS SHALL BE PROTECTED FROM FLOODING.
 - c. ANY AND ALL SEDIMENTATION ORIGINATING ON THE SITE WHICH IS DEPOSITED WITHIN PUBLIC RIGHT-OF-WAY SHALL BE REMOVED AND COMPLETELY REMOVED BY THE CONTRACTOR.
 - d. CONTROL OF SEDIMENT LAIDEN OFFSITE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - e. EROSION CONTROL BERM AT LEAST 12" HIGH BERM SHALL BE LOCATED ALONG THE DOWNSTREAM PERIMETERS OF THE PROPERTY.



VICINITY MAP
(WITH DOWNSTREAM FACILITIES)
ZONE MAP L-15

LEGEND

