



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

May 19, 1993

W. Reed Edgel
Rodriguez & Associates
12800 San Juan NE
Albuquerque, NM 87123

RE: GRADING/PAVING PLAN FOR 110 CORNELL AVE S.E (K16-D45) ENGINEER'S
STAMP DATED 5/7/93.

Dear Mr. Edgel:

Based on the information provided on your May 10, 1993 submittal, the above referenced site is approved for Grading/Paving permit.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineer Associate

BJM/d1/WPHYD/7761

xc: Alan Martinez
File

PUBLIC WORKS DEPARTMENT

DRAINAGE INFORMATION SHEET

PROJECT TITLE: 110 CORNELL AVE. S.E. ZONE ATLAS/DRNG. FILE #: K-16/045

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: LOT 5, BLK. 9, UNIVERSITY HEIGHTS ADDITIONCITY ADDRESS: 110 CORNELL AVE. S.E.ENGINEERING FIRM: W. REED EDGEL, P.E. CONTACT: MR. EDGELADDRESS: 601 VASSAR N.E. 87106 PHONE: 255-2675OWNER: LDR, INC. (MR. LARRY RAINOSEK) CONTACT: MR. LARRY RAINOSEKADDRESS: c/o 2400 CENTRAL AVE. S.E. 87106 PHONE: 269-9154 (MOBILE*)ARCHITECT: FRED ARAGON & ASSOCIATES CONTACT: MR. FRED ARAGONADDRESS: 1428 LAFAYETTE N.E. 87106 PHONE: 265-9612SURVEYOR: TORRES SURVEYING Co. CONTACT: MR. JIM TORRESADDRESS: 1570 BRIDGE BLVD. S.W. 87105 PHONE: 291-7085CONTRACTOR: ? CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

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

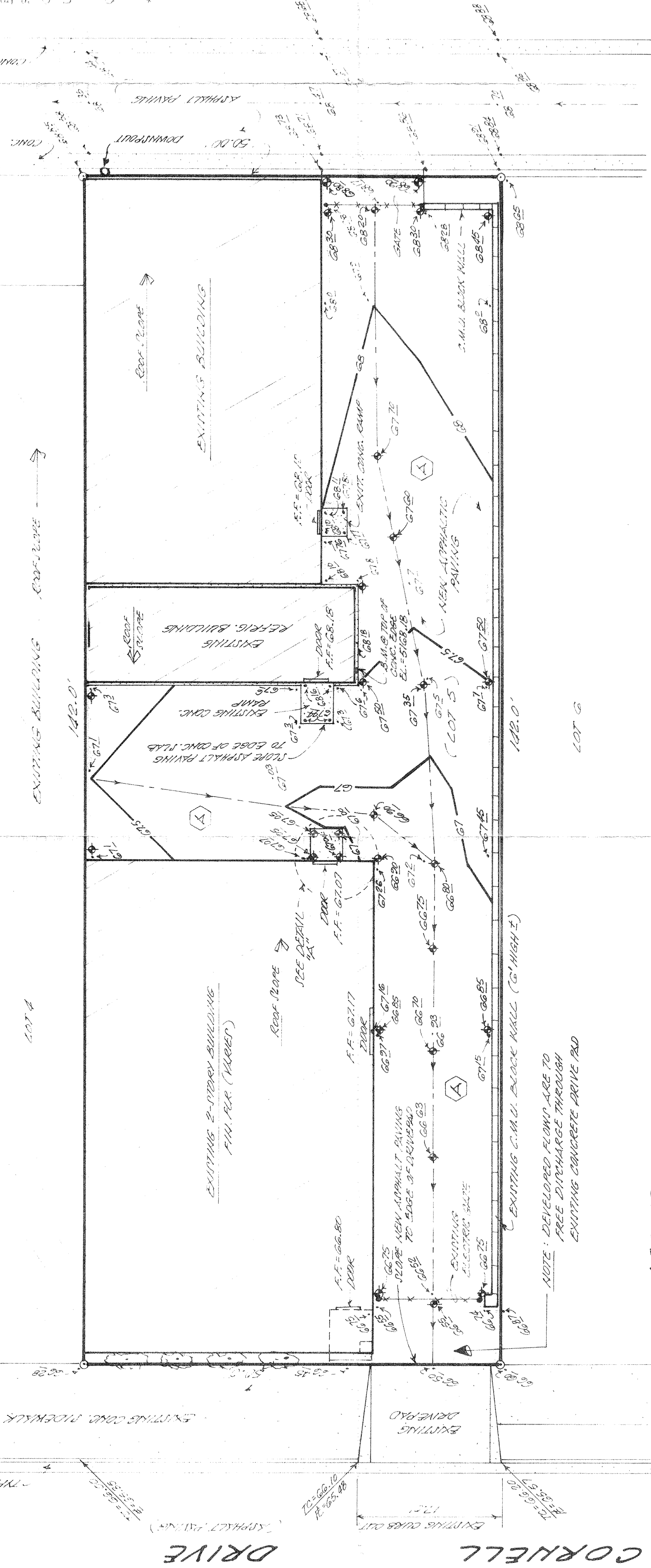
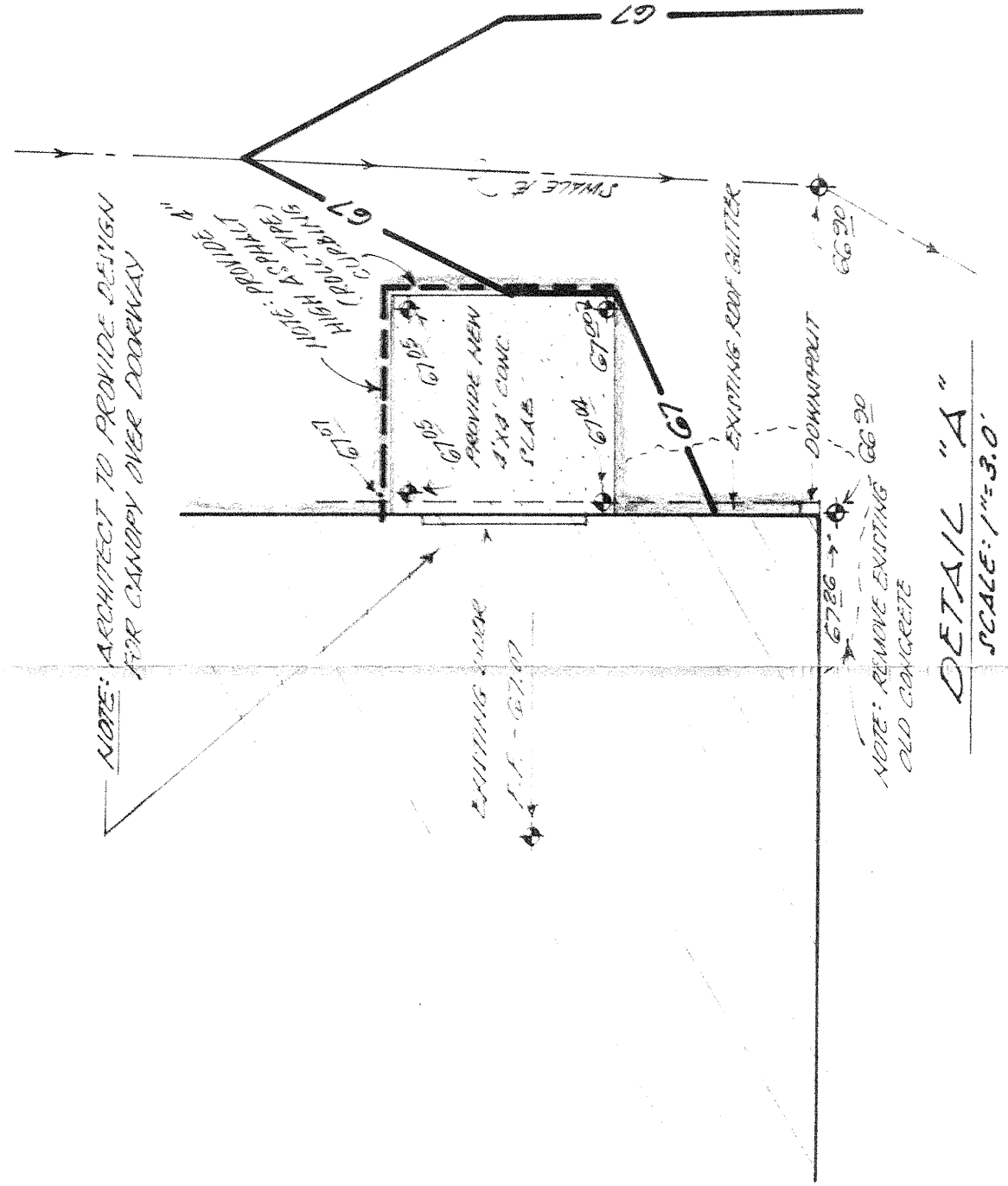
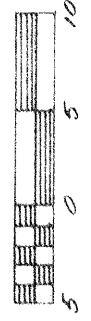
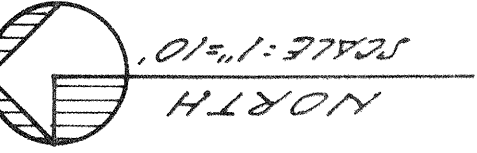
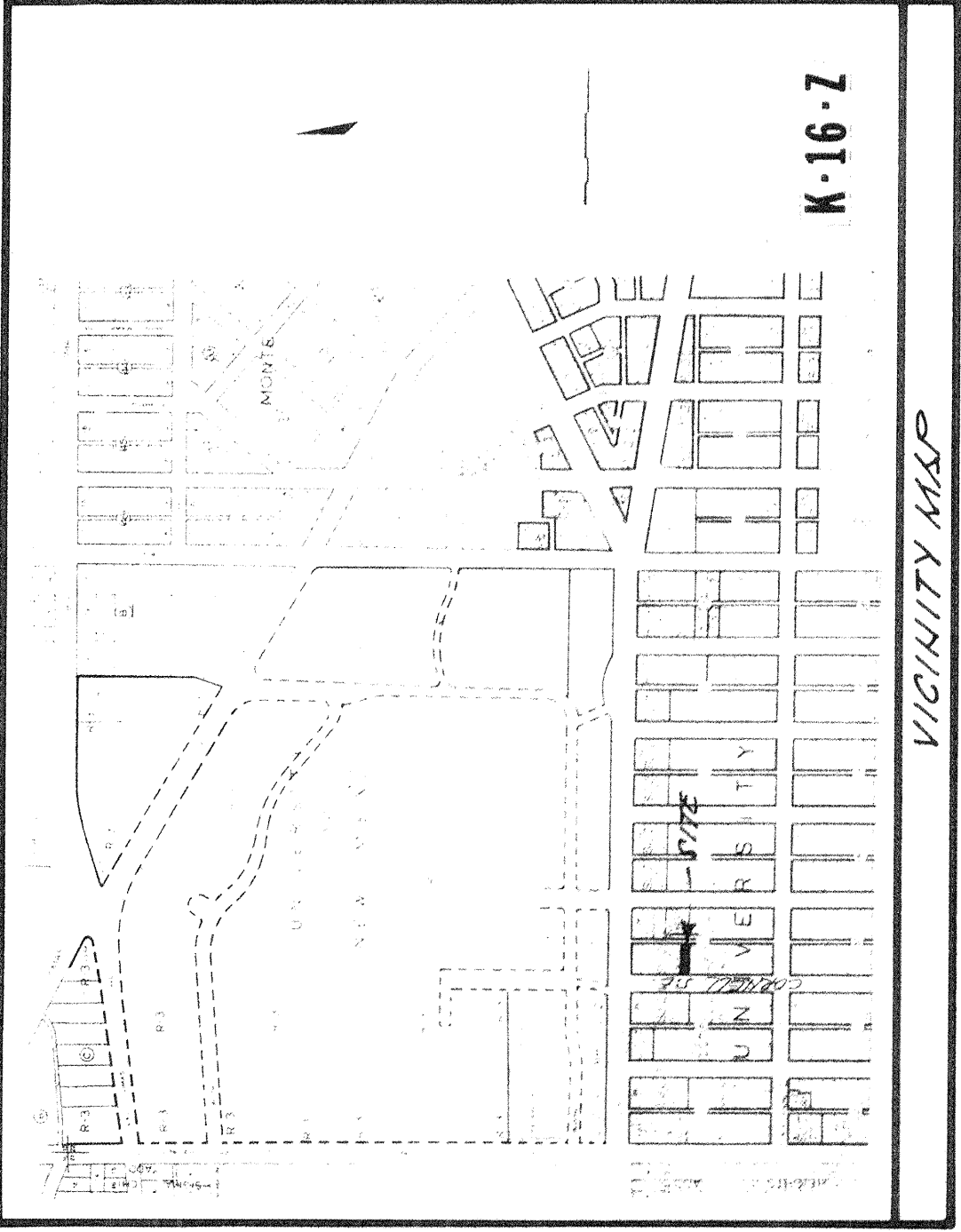
PRE-DESIGN MEETING:

- ☒ YES
☐ NO
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D. APPROVAL
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☒ GRADING PERMIT APPROVAL
☒ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: MAY 6, 1993BY: W. REED EDGEL, P.E.



LEGEND:

77.00 = TOP OF CURB ELEVATION

76.57 = CURB FINISH ELEVATION

76.50 = EXISTING GROUND ELEVATION

76.50 = PROPOSED GROUND ELEVATION

76.50 = DIRECTION OF SURFACE FLOW

- GENERAL NOTES:
- 1.) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.
 - 2.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD WITHIN THE SUBJECT SITE OTHER THAN THOSE SHOWN ON THE PLAT OF RECORD.
 - 3.) REFER TO "ARCHITECTURAL SITE PLAN" FOR FIELD LAYOUT OF THE PROPOSED IMPROVEMENTS.
 - 4.) TOPOGRAPHY SURVEY OBTAINED BY "TRANSIT-STADIA" METHOD.

NOTICE TO CONTRACTOR:

- 1.) AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- 2.) ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH "CONTRACT DOCUMENTS FOR CITY WIDE UTILITIES AND CASH PAVING NO. 31".
- 3.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE (765-1234), FOR LOCATION OF EXISTING OF SURFACE AND SUBSURFACE UTILITIES.
- 4.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS; SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR THE PROJECT.

DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT 110 CORNELL AVENUE S.E., WHICH IS LOCATED APPROXIMATELY ONE-HALF BLOCK SOUTH OF CENTRAL AVENUE ON THE EAST SIDE OF SAID CORNELL AVENUE S.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (ZONE ATLAS MAP "K-16-2").

THE SUBJECT SITE: (1.) IS NOT LOCATED WITHIN A DESIGNATED FLOOD PLAIN (RE: F.E.M.A. PANEL 29 OF 50), (2.) IS NOT LOCATED ADJACENT TO A NATURAL OR MAN-MADE WATER COURSE, (3.) HAS NO DRAINAGE EASEMENTS OF RECORD WITHIN SAID PROPERTY, (4.) DOES NOT ADJACENT TO ANY DRAINAGE FLOWS (DRAINAGE PROPERTIES (16)) DOES NOT AT THE PRESENT TIME, AND WILL NOT IN THE PROPOSED DEVELOPED CONDITION, HAVE AN ADVERSE AFFECT TO DOWNSIDE PROPERTIES WITH THE FREE DISCHARGE OF SURFACE FLOWS.

DRAINAGE CALCULATIONS: (RATIONAL METHOD, Q_{100} = CIA)

SITE AREA: 7,100.0 SQ. FT. = 0.16 ACRE

RAINFALL, 100-YR. 6 HR., R_6 = 2.3 INCHES

RAINFALL INTENSITY, "I" = 4.86 IN./HR.

TIME OF CONCENTRATION = TEN (10) MINUTES FOR A SITE THIS SIZE

EXISTING CONDITIONS:

ROOF AREA = 3,715.0 SQ. FT. = 0.08 AC. = 53% X 0.16 = 0.42

CONC. ASPHALT = 0.00 SQ. FT. = 0.00 AC. = 0% X 0.16 = 0.00

UNDEVELOPED AREA = 3,385.0 SQ. FT. = 0.08 AC. = 47% X 0.16 = 0.12

Q_{100} = 0.47 X 4.86 X 0.16 = 0.32 CFS

PROPOSED DEVELOPED CONDITIONS:

ROOF AREA = 3,779.0 SQ. FT. = 0.08 AC. = 53% X 0.16 = 0.42

CONC. ASPHALT = 3,323.0 SQ. FT. = 0.08 AC. = 47% X 0.16 = 0.12

UNDEVELOPED AREA = 0.00 SQ. FT. = 0.00 AC. = 0% X 0.16 = 0.00

Q_{100} = 0.93 X 4.86 X 0.16 = 0.72 CFS

*** INCREASE = 0.20 CFS

LEGAL DESCRIPTION:

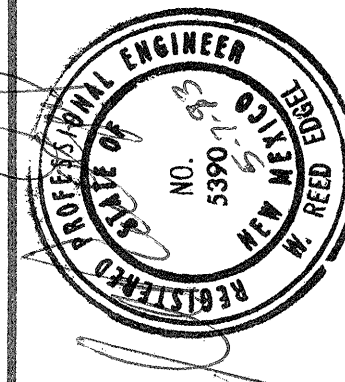
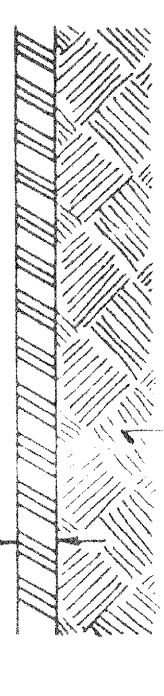
LOT FIVE (5), IN BLOCK NINE (9), OF THE UNIVERSITY HEIGHTS ADDITION, AN ADDITION TO THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

BENCH MARK REFERENCE:

ACS STATION "5-K16A", LOCATED ON THE NORTH SIDE OF CENTRAL AVENUE N.E., APPROXIMATELY 300' EAST OF STANFORD AVENUE N.E., (EAST SIDE OF STANFORD AVENUE N.E., AT THE INTERSECTION OF STANFORD AVENUE N.E. AND CENTRAL AVENUE N.E.), SECTION 3171-38; PROJECT BENCH MARK AS SHOWN ON THE PLAN HEREON.

TYPICAL PAVEMENT SECTION

SCALE: 1"=1'-0"



ENGINEER: REAL

93041

DRAINAGE PLAN

FOR

PROPOSED PAVED AREA LOCATED AT
110 CORNELL AVE. S.E.
ALBUQUERQUE, NEW MEXICO
APRIL, 1993