



# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 22, 1993

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

RE: DRAINAGE PLAN FOR AN ADDITION TO VILLA DI CAPO @ 722 CENTRAL AVENUE  
S.W. (K14-D54) ENGINEER'S STAMP DATED 2/18/93.


Dear Mr. Edgel:

Based on the information provided on your February 18, 1993 submittal, the above referenced site 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 contact me at 768-2667.

Sincerely,

  
Bernie J. Montoya, CE  
Engineering Assistant

BJM/d1/WPHYD/7527

xc: Alan Martinez  
File

PUBLIC WORKS DEPARTMENT

## DRAINAGE INFORMATION SHEET

PROJECT TITLE: VILLA di CAPO ZONE ATLAS/DRNG. FILE #: K-14/14/54  
 DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_  
 LEGAL DESCRIPTION: LOT "A", BLK. 21, ORIGINAL TOWN SITE OF ALBUQUERQUE  
 CITY ADDRESS: 722 WEST CENTRAL AVENUE  
 ENGINEERING FIRM: W. REED EDGEL, P.E. CONTACT: MR. EDGEL  
 ADDRESS: 601 VASSAR N.E. 87106 PHONE: 255-2675  
 OWNER: VILLA di CAPO CONTACT: FRANK  
 ADDRESS: 722 WEST CENTRAL AVE. PHONE: 242-2006  
 ARCHITECT: DEL PAUL JACK CONTACT: MR. JACK  
 ADDRESS: 2745 RIO GRANDE BLVD. N.W. PHONE: 345-5090  
 SURVEYOR: TORRES SURVEYING Co. CONTACT: MR. JIM TORRES  
 ADDRESS: 1570 BRIDGE BLVD. S.W. 87105 PHONE: 291-7085  
 CONTRACTOR: ? CONTACT: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

## TYPE OF SUBMITTAL:

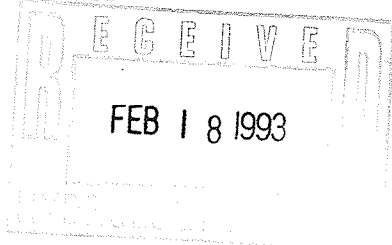
- \_\_\_\_ DRAINAGE REPORT  
☒ DRAINAGE PLAN  
 \_\_\_\_ CONCEPTUAL GRADING & DRAINAGE PLAN  
 \_\_\_\_ GRADING PLAN  
 \_\_\_\_ EROSION CONTROL PLAN  
 \_\_\_\_ ENGINEER'S CERTIFICATION  
 \_\_\_\_ OTHER

## PRE-DESIGN MEETING:

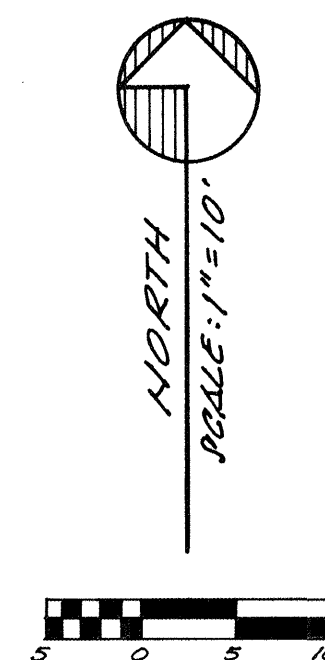
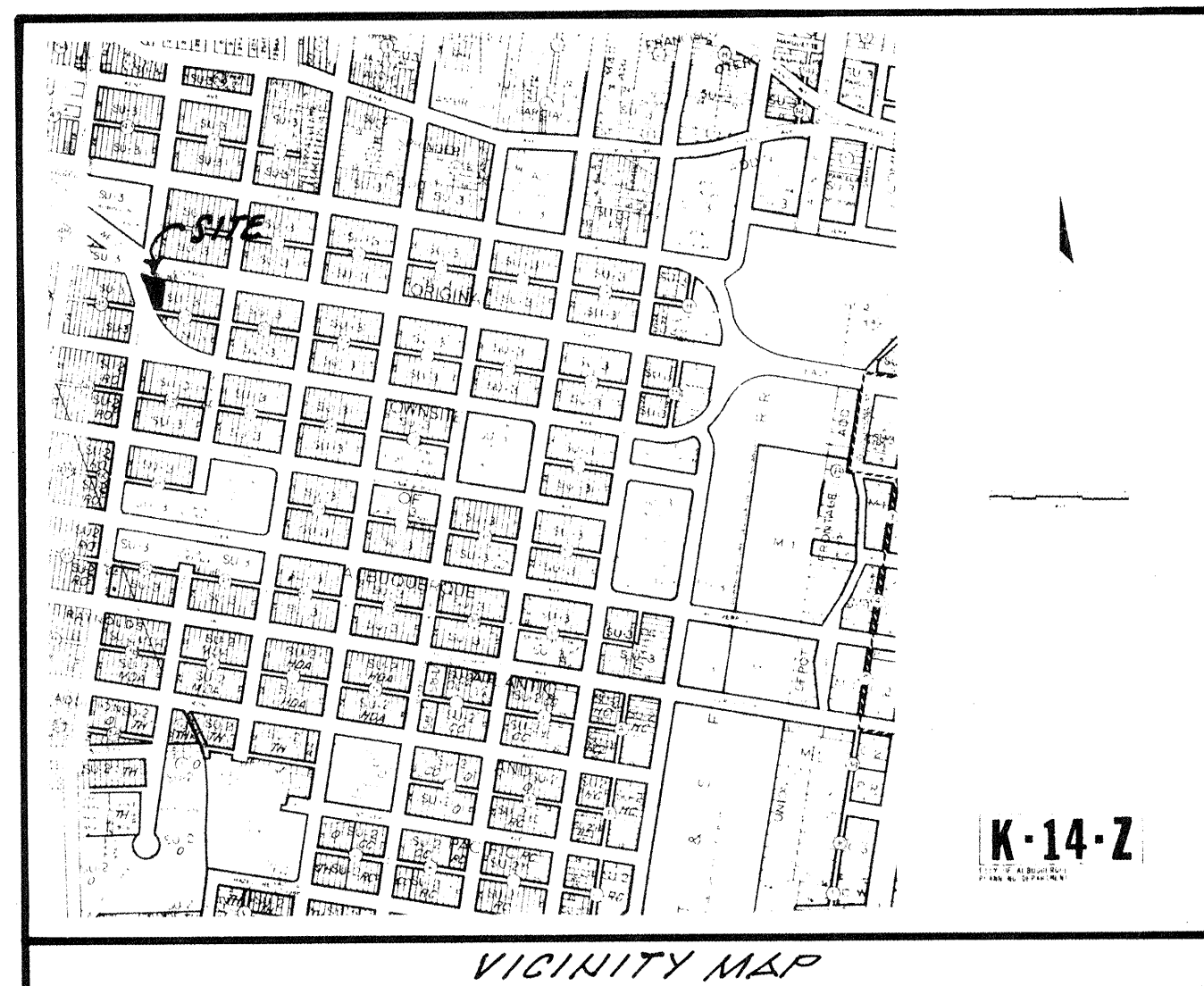
- ☒ YES  
 \_\_\_\_ NO  
 \_\_\_\_ COPY PROVIDED

## 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: 02-18-93  
 BY: W. REED EDGEL, P.E.



#### CONSTRUCTION NOTES:

- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 765-1234 FOR LOCATION OF EXISTING UTILITIES.
- 2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS; SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- 3.) ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 4.) ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

#### EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUN-OFF DURING CONSTRUCTION; HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE TAKEN:

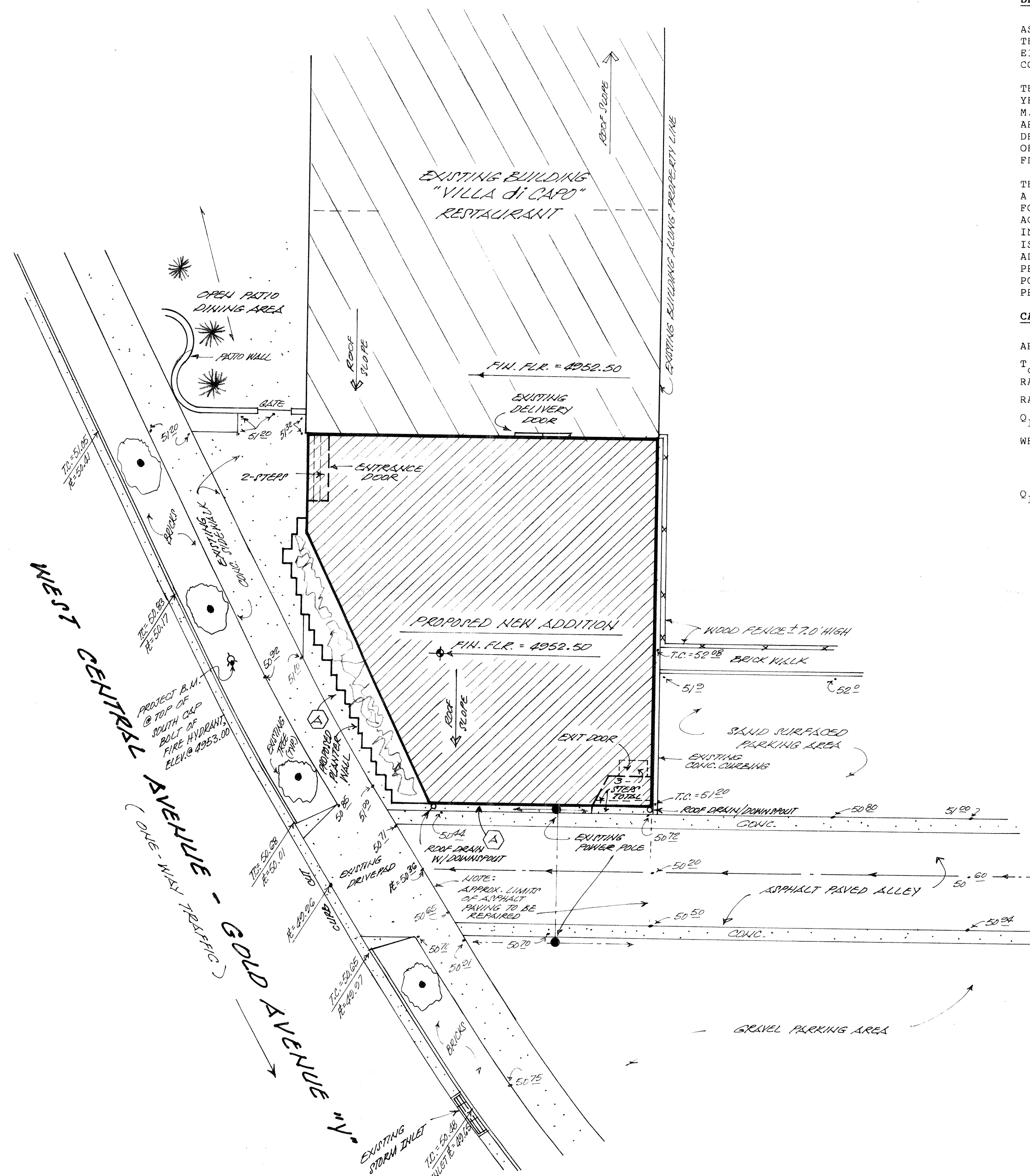
- 1.) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTIES.
- 2.) ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREETS.
- 3.) THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.

#### 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.

**LEGAL DESCRIPTION:** LOT "A", BLOCK 21, ORIGINAL TOWNSITE OF ALBUQUERQUE ADDITION, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

**BENCH MARK REFERENCE:** ACS STATION "1-K14", M.S.L.D. ELEVATION = 4952.291; PROJECT BENCH MARK AS SHOWN HEREON.



#### DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF WEST CENTRAL AVENUE AND EIGHTH ( 8th ) STREET S.W., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

THE SUBJECT PROJECT SITE, (1.) DOES LIE WITHIN A DESIGNATED 500-YEAR FLOOD BOUNDARY PER FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A.) PANEL 28 OF 50, (2.) DOES NOT LIE ADJACENT TO A NATURAL OR ARTIFICIAL WATER COURSE, (3.) DOES NOT AT THE PRESENT TIME HAVE DRAINAGE EASEMENTS AFFECTING SAID SITE, (4.) DOES NOT CONTRIBUTE OFFSITE FLOWS TO ADJACENT PROPERTIES, (5.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES.

THE SUBJECT SITE IS PRESENTLY COMPRISED OF AN EXISTING BUILDING BEING A PRESERVED HISTORIC LANDMARK BUILDING BEING UTILIZED AS AN ITALIAN FOOD RESTAURANT KNOWN AS THE "VILLA DI CAPO"; THE SCOPE OF THIS DRAINAGE PLAN IS TO PROVIDE FOR THE DRAINAGE RUNOFF FOR THE PROPOSED BUILDING ADDITION TO THE SOUTH SIDE OF THE EXISTING BUILDING, SAID RUNOFF IS TO BE DISCHARGED TOWARD AND INTO AN EXISTING 16" WIDE ASPHALT PAVED ALLEY ADJACENT TO THE SUBJECT PROPERTY. THE OWNER(S) OF THE SUBJECT PROPERTY HEREBY ACKNOWLEDGE THAT THEY WILL BE REQUIRED TO REPAIR THOSE PORTIONS OF ASPHALT PAVING WHICH LIE ONLY IMMEDIATELY ADJACENT TO THEIR PROPERTY.

#### CALCULATIONS: ( ONLY PROPOSED BUILDING ADDITION SITE AREA CONSIDERED )

AREA: 2,185.0 SQ. FT. = 0.05 ACRE

$T_c$  = TEN (10) MINUTES FOR A SITE THIS SIZE

RAINFALL,  $R_6$  ( 100-YR., 6 HR. ) = 2.2 INCHES

RAINFALL INTENSITY "I" = 4.65 IN./HR.

$Q_{100}$  ( RATIONAL METHOD ) = C I A

WHERE: "C" = 0.90

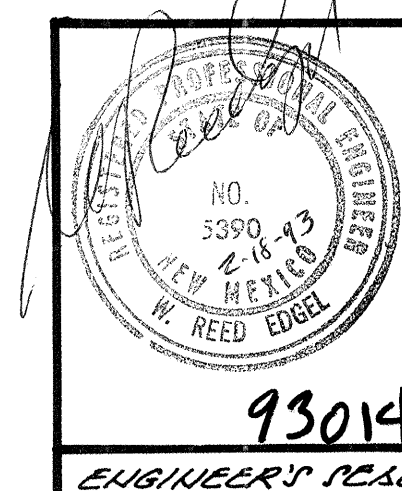
"I" = 4.65

"A" = 0.05

$Q_{100} = 0.90 \times 4.65 \times 0.05 = 0.21 \text{ cfs}$

#### LEGEND:

- T.C. = 51.05 = TOP OF CURB ELEVATION
- E = 50.41 = CURB FIN LINE ELEVATION
- [Symbol] = EXISTING OR PROPOSED CONCRETE
- [Symbol] = EXISTING CONTOUR
- [Symbol] = PROPOSED CONTOUR
- [Symbol] = EXISTING FENCE
- [Symbol] = PROPOSED SPOT ELEVATION
- [Symbol] = NEW CONCRETE



A DRAINAGE PLAN FOR  
A PROPOSED BUILDING ADDITION TO  
"VILLA DI CAPO"  
( 722 CENTRAL AVE. S.W. )  
ALBUQUERQUE, NEW MEXICO  
FEBRUARY, 1993