

VICINITY NAME



SCALE : 1" = 1'-0"



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(CONTINUOUS DETAIL)

⑤ → REMOVE PORTION OF EXISTING CONCRETE SLAB (TO BE DETERMINED BY OWNER AND/OR CONTRACTOR), AND REMOVE ALL EXISTING ASPHALT, RE-GRADE, AND RE-PAVED AS SHOWN ON THE PLAN HEREON.

- 2.1 TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 505-241-2222 FOR LOCATION OF EXISTING UTILITIES.
- 2.2 PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS; AND, IF A CONFLICT EXISTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- 3.1 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.
- 4.1 ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROVISIONS.

TOP OF CURB ELEVATION = 70.57 50
CURB FLOWLINE ELEVATION = 65.57 00
EXISTING OR PROPOSED CONCRETE =
EXISTING SPOT ELEVATION = 58.12
PROPOSED SPOT ELEVATION = 58.00
EXISTING FINISHED CONTOUR = 58.00
PROPOSED FINISHED CONTOUR = 58.00

"AS-BUILT" ELEVATION = $X = 57.48$

LANDSCAPED AREA: SUBJECT SITE IS PRESENTLY BEAUTIFULLY LANDSCAPED AND MAINTAINED, WITH THE EXCEPTION OF THE ADDITIONAL LANDSCAPE THAT IS PROVIDED AS SHOWN ON THE PLAN HERE-ON; TOTAL LANDSCAPE AREA BEING PROVIDED EQUALS 3,305.0 SQUARE FEET (19% OF TOTAL SITE).



ACS STATION "7-D17", (SURVEY MONUMENTS CONTROL BOOK PAGE D-111);
M.S.L.D. ELEVATION = 5166.92, PROJECT BENCH MARK AS SHOWN ON THE
PLAN HEREON.

LOT "11-B" OF THE REPLAT OF LOTS 11 & 12, UNIT 5, INTERSTATE INDUSTRIAL TRACT, TO THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

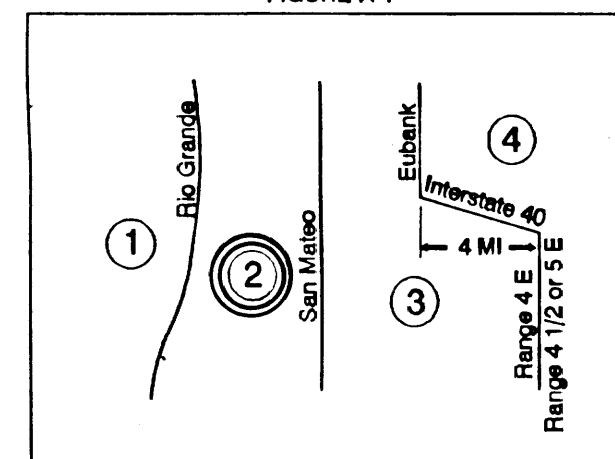
I, J. ARSENIO MARTINEZ, NEW MEXICO REGISTERED PROFESSIONAL ENGINEER NO. 7875, LICENSED AND REGISTERED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT AN ACTUAL ON THE GROUND FIELD SURVEY OF THE NEW IMPROVEMENTS VERIFY THAT SAID IMPROVEMENTS WERE CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN FOR SAID DEVELOPMENT.

ENGINEER'S SEAL

Bernalillo County's four precipitation zones are indicated in TABLE A-1 and on FIGURE A-1.

Zone	Location
1	West of the Rio Grande
2	Between the Rio Grande and San Mateo
3	Between San Mateo and Eubank, North of Interstate 40; and between San Mateo and the East boundary of Range 4 East, South of Interstate 40
4	East of Eubank, North of Interstate 40; and East of the East boundary of Range 4 East, South of Interstate 40

FIGURE A-1



Where a watershed extends across zone boundary, use the zone which contains the largest portion of the watershed.

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED ON THE NORTH SIDE OF ELLISON STREET N.E. BETWEEN I-25 AND JEFFERSON STREET N.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (ZONE ATLAS "D-17-Z").

THE SUBJECT SITE IS PRESENTLY A DEVELOPED COMMERCIAL PROPERTY; THE PROPOSED PLAN IS FOR A PROPOSED BUILDING ADDITION TO THE EXISTING FACILITIES TOGETHER WITH NEW GRADING AND PAVING.

THE SUBJECT SITE, 1.) DOES NOT LIE WITHIN A DESIGNATED FLOOD PLAIN (RE: F.E.M.A. PANEL 09 OF 50), 2.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 3.) DOES NOT CONTRIBUTE OFFSITE FLOWS TO ADJACENT PROPERTIES, 4.) DOES NOT LIE ADJACENT TO A NATURAL OR ARTIFICIAL WATER COURSE, 5.) IS TO CONTINUE TO HAVE FREE DISCHARGE OF DEVELOPED FLOWS WHICH DO NOT HAVE AN ADVERSE AFFECT TO DOWN-STREAM PROPERTIES.

PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2., DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, NEW MEXICO, JANUARY 1993, AND PER "BERNALILLO COUNTY STORM DRAINAGE ORDINANCE NO. 90-6".

SITE AREA: 17,000.0 SQ. FT. = 0.39 ACRE

PRECIPITATION ZONE: TWO (2), TABLE A-1

PEAK INTENSITY: IN./HR. AT T_c = TWELVE (12) MINUTES, 100-YR. = 5.05, TABLE A-10
LAND TREATMENT METHOD FOR CALCULATION OF "Q", TABLES A-8 & A-9.

"LAND TREATMENT FACTORS", TABLE A-4.

<u>TREATMENT</u>	<u>AREA/ACRES</u>		<u>FACTOR</u>		<u>CFS</u>
C	0.12	X	3.14	=	0.38
D	0.27	X	4.70	=	1.27

"Q_D" = 1.65 CFS

<u>TREATMENT</u>	<u>AREA/ACRES</u>		<u>FACTOR</u>		<u>CFS</u>
C	0.09	X	3.14	=	0.28
D	0.30	X	4.70	=	1.41

"Q_" = 1.69 CFS

*** INCREASE = 0.04 CFS

- 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.

Golden Concave *11-15-94*
ZONING DEPARTMENT, CITY OF ALBUQUERQUE, N.M. DATE
Robert M... *11/10/94*
TRAFFIC ENGINEERING DEPT. - TRANSPORTATION DEV. DATE
CITY OF ALBUQUERQUE, N.M.

ENGINEER'S CERTIFICATION OF
A DRAINAGE PLAN AND SITE PLAN
FOR PROPOSED IMPROVEMENTS TO
CASTERS OF ALBUQUERQUE, INC.
(4901 ELLISON, N.E.)
ALBUQUERQUE, NEW MEXICO
NOVEMBER, 1964
(APRIL, 1966)

RECEIVED
APR - 8 1966
HYDROLOGY DIVISION