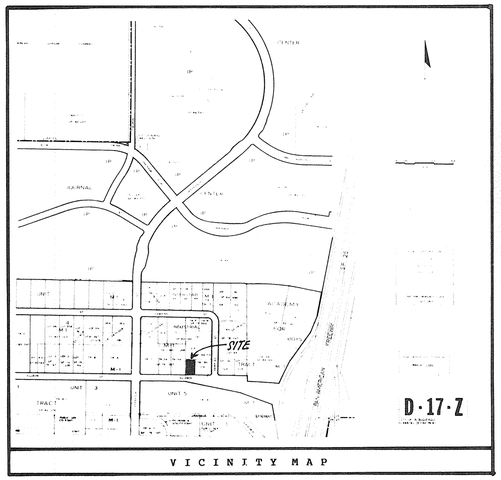



VICINITY MAP

PROPERTY ZONED: "M-1"

PARKING REQUIREMENTS:

EXISTING BUILDING: = 3,362.0 SQ. FT.

OFFICE/RETAIL = 1,345.0 SQ. FT. ( 1/200 ) = 6.7 SPACES
WAREHOUSE AREA = 1,817.0 SQ. FT. ( 1/2000 ) = 1.0 SPACE
7.7 SPACES = 8.0 SPACES

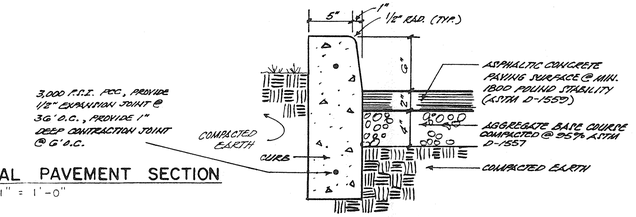
NEW BUILDING ADDITION = 3,960.0 SQ. FT. (1/2000) = 2.0 SPACES

** TOTAL SPACES REQUIRED = 10.0 SPACES
TOTAL SPACES PROVIDED = 10.0 SPACES

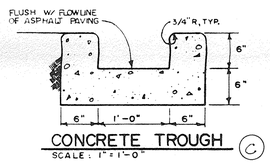
LANDSCAPED AREA: SUBJECT SITE IS PRESENTLY BEAUTIFULLY LANDSCAPED AND MAINTAINED, WITH THE EXCEPTION OF THE ADDITIONAL LANDSCAPE THAT IS PROVIDED AS SHOWN ON THE PLAN HEREON; TOTAL LANDSCAPE AREA BEING PROVIDED EQUALS 3,305.0 SQUARE FEET ( 19% OF TOTAL SITE ).



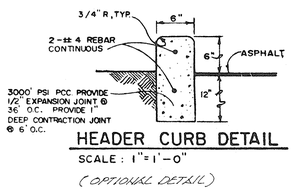





TYPICAL PAVEMENT SECTION
SCALE : 1" = 1'-0"




CONCRETE TROUGH (C)
SCALE : 1"=1'-0"




HEADER CURB DETAIL (A)
SCALE : 1"=1'-0"
(OPTIONAL DETAIL)

(B) → NOTE: PROVIDE ROOF DRAIN GUTTER(S) SLOPED EASTERLY TO DOWNSPOUT(S) AND INTO CONCRETE DRAIN TROUGH TO DRAIN TO NEW ASPHALT PAVED PARKING AREA.

(E) → 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.

CONSTRUCTION NOTES:

1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT [redacted] 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.

LEGEND:

| | | |
|---|---|---|
| TOP OF CURB ELEVATION | = | TC = 5750 |
| CURB FLOWLINE ELEVATION | = | FL = 5700 |
| EXISTING OR PROPOSED CONCRETE | = | |
| EXISTING SPOT ELEVATION | = | + 5850 |
| PROPOSED SPOT ELEVATION | = | + 5800 |
| EXISTING FINISHED CONTOUR | = | — 58.00 — |
| PROPOSED FINISHED CONTOUR | = | — 58.00 — |
| "AS-BUILT" ELEVATION | = | X 5748 |

BENCH MARK REFERENCE:

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.

LEGAL DESCRIPTION:

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

ENGINEER'S CERTIFICATION:

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.

J. ARSENIO MARTINEZ 7875 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
04-04-96

J. ARSENIO MARTINEZ 7875 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
11-09-94

ENGINEER'S SEAL

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, 1994 ( APRIL, 1996 )

RECEIVED APR - 8 1996 HYDROLOGY DIVISION

DPM SECTION 22.2 - HYDROLOGY
January, 1993 Page A-4

TABLE A-4. LAND TREATMENTS

| Treatment | Land Condition |
|---|---|
| A | Soil uncompacted by human activity with 0 to 10 percent slopes. Native grasses, weeds and shrubs in typical densities with minimal disturbance to grading, groundcover and infiltration capacity. Croplands. Unlined arroyos. |
| B | Irrigated lawns, parks and golf courses with 0 to 10 percent slopes. Native grasses, weeds and shrubs, and soil uncompacted by human activity with slopes greater than 10 percent and less than 20 percent. |
| C | Soil compacted by human activity. Minimal vegetation. Unpaved parking, roads, trails. Most vacant lots. Gravel or rock on plastic (desert landscaping). Irrigated lawns and parks with slopes greater than 10 percent. Native grasses, weeds and shrubs, and soil uncompacted by human activity with slopes at 20 percent or greater. Native grass, weed and shrub areas with clay or clay loam soils and other soils of very low permeability as classified by SCS Hydrologic Soil Group D. |
| D | Impervious areas, pavement and roofs. |

Most watersheds contain a mix of land treatments. To determine proportional treatments, measure respective subareas. In lieu of specific measurement for treatment D, the areal percentages in TABLE A-5 may be employed.

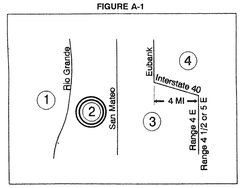
A.1 PRECIPITATION ZONES

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

TABLE A-1. PRECIPITATION ZONES

| 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 a zone boundary, use the zone which contains the largest portion of the watershed.

DRAINAGE COMMENTS:

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 DOWNSTREAM PROPERTIES.

CALCULATIONS:

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 "$Q_p$", TABLES A-8 & A-9.

"LAND TREATMENT FACTORS", TABLE A-4.

EXISTING CONDITIONS:

| TREATMENT | AREA/ACRES | | FACTOR | | CFS |
|---|---|---|---|---|---|
| C | 0.12 | X | 3.14 | = | 0.38 |
| D | 0.27 | X | 4.70 | = | 1.27 |

"$Q_p$" = 1.65 CFS

PROPOSED CONDITIONS:

| TREATMENT | AREA/ACRES | | FACTOR | | CFS |
|---|---|---|---|---|---|
| C | 0.09 | X | 3.14 | = | 0.28 |
| D | 0.30 | X | 4.70 | = | 1.41 |

"$Q_p$" = 1.69 CFS

*** INCREASE = 0.04 CFS

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.

APPROVAL'S:

Eileen Gonzales — 11-15-94
ZONING DEPARTMENT, CITY OF ALBUQUERQUE, N.M. DATE

[signature] — 11/10/94
TRAFFIC ENGINEERING DEPT. - TRANSPORTATION DEV. DATE
CITY OF ALBUQUERQUE, N.M.