



# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 28, 1993

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

RE: GRADING/PAVING PLAN FOR LOT 6-A, BLOCK 3 WAGGOMAN-DENNISON ADDITION  
(K20-D25) ENGINEER'S STAMP DATED 9/27/93.

Dear Mr. Edgel:

Based on the information provided on your September 27, 1993 submittal, the above referenced site is approved for Grading/Paving.

Please be advised that a separate permit is required for construction within City Right-of Way.

A copy of this approval letter must be on hand when applying for the excavation 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/8011

xc: Alan Martinez  
Darlene Saavedra  
Chris Vigil  
File

PUBLIC WORKS DEPARTMENT

## DRAINAGE INFORMATION SHEET

GENERAL ARNOLD Apartments

PROJECT TITLE: CENTRAL & GEN. ARNOLD N.E. ZONE ATLAS/DRNG. FILE #: K-20/D25

DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_

LEGAL DESCRIPTION: LOT "G-A", BLK. 3, WAGGAMAN-DENISON ADDITIONCITY ADDRESS: N.W. CORNER OF CENTRAL & GENERAL ARNOLD N.E.ENGINEERING FIRM: W. REED EDGEL, P.E. CONTACT: MR. EDGELADDRESS: 601 VASSAR N.E. 87106 PHONE: 255-2675OWNER: RURAL HOUSING INC. CONTACT: MR. GENE ORTEGAADDRESS: 5101 COPPER N.E. 87108 PHONE: 265-3717ARCHITECT: N/A CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

SURVEYOR: TORRES SURVEYING CO. CONTACT: MR. JIM TORRESADDRESS: 1570 BRIDGE BLVD. S.W. 87105 PHONE: 281-5076CONTRACTOR: CHRIS VIGIL - GENERAL CONTRACTOR CONTACT: MR. CHRIS VIGILADDRESS: 14200 ENCANTADO N.E. PHONE: 293-9269

## TYPE OF SUBMITTAL:

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

## PRE-DESIGN MEETING:

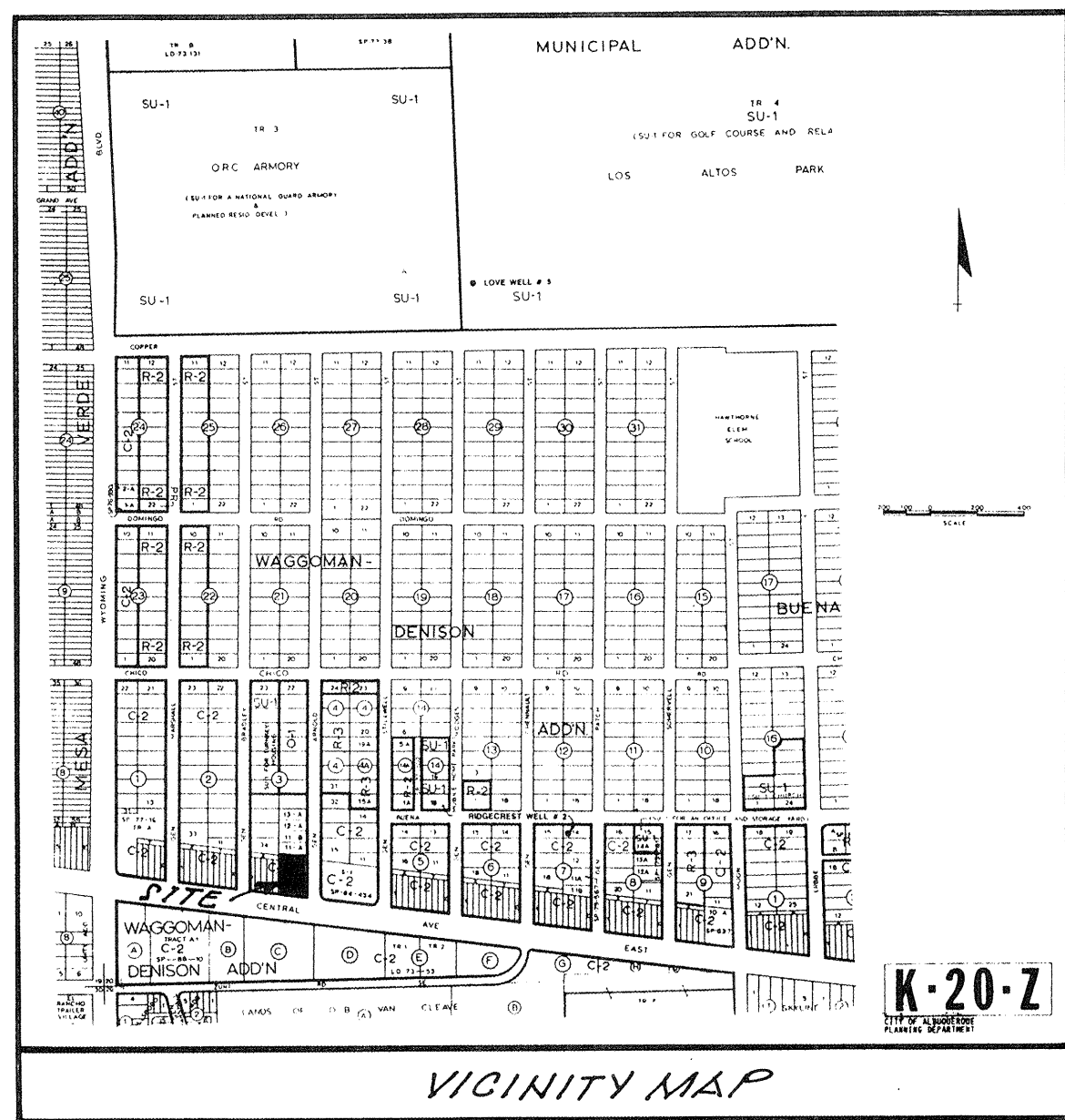
- ☒ YES  
☐ NO  
☐ COPY PROVIDED

## CHECK TYPE OF APPROVAL SOUGHT:

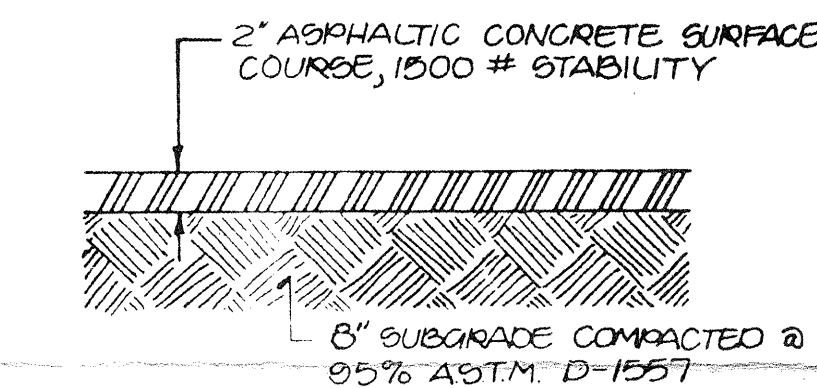
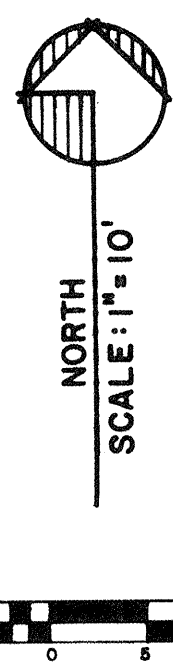
- ☐ SKETCH PLAT APPROVAL  
☐ PRELIMINARY PLAT APPROVAL  
☐ S. DEV. PLAN FOR SUB'D. APPROVAL  
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL  
☐ SECTOR PLAN APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ FOUNDATION PERMIT APPROVAL  
☐ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY APPROVAL  
☒ GRADING PERMIT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

DATE SUBMITTED: SEPT. 27, 1993BY: W. REED EDGEL, P.E.

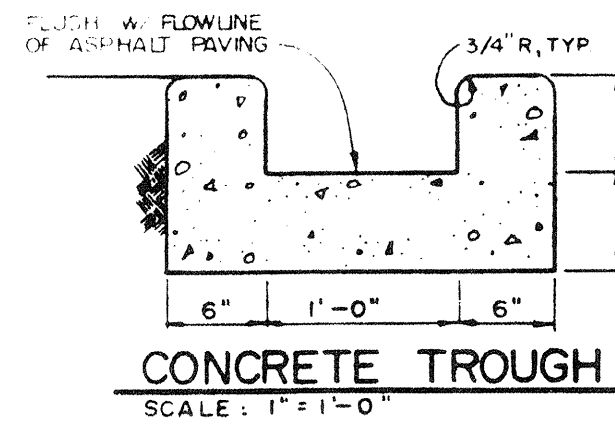




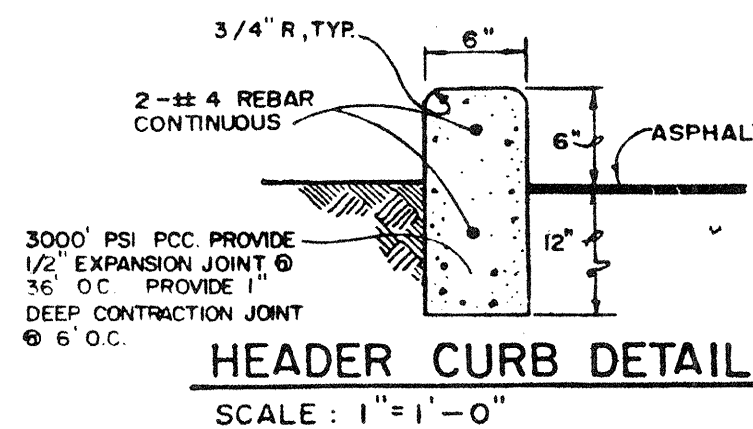
- LEGEND:**
- 1" = 100' 0.00' - LOT OF OVER ELEVATION
  - 1" = 100' 0.00' - CURB FIN LINE ELEVATION
  - 1" = 100' 0.00' - EXISTING OR PROPOSED CHANGES
  - 1" = 100' 0.00' - EXISTING CURBLINE
  - 1" = 100' 0.00' - PROPOSED CURBLINE
  - 1" = 100' 0.00' - EXISTING FENCE
  - 1" = 100' 0.00' - PROPOSED FENCE ELEVATION
  - 1" = 100' 0.00' - PROPOSED LIMIT OF NEW ROAD



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



**CONCRETE TROUGH**  
SCALE: 1" = 1'-0"



**HEADER CURB DETAIL**  
SCALE: 1" = 1'-0"

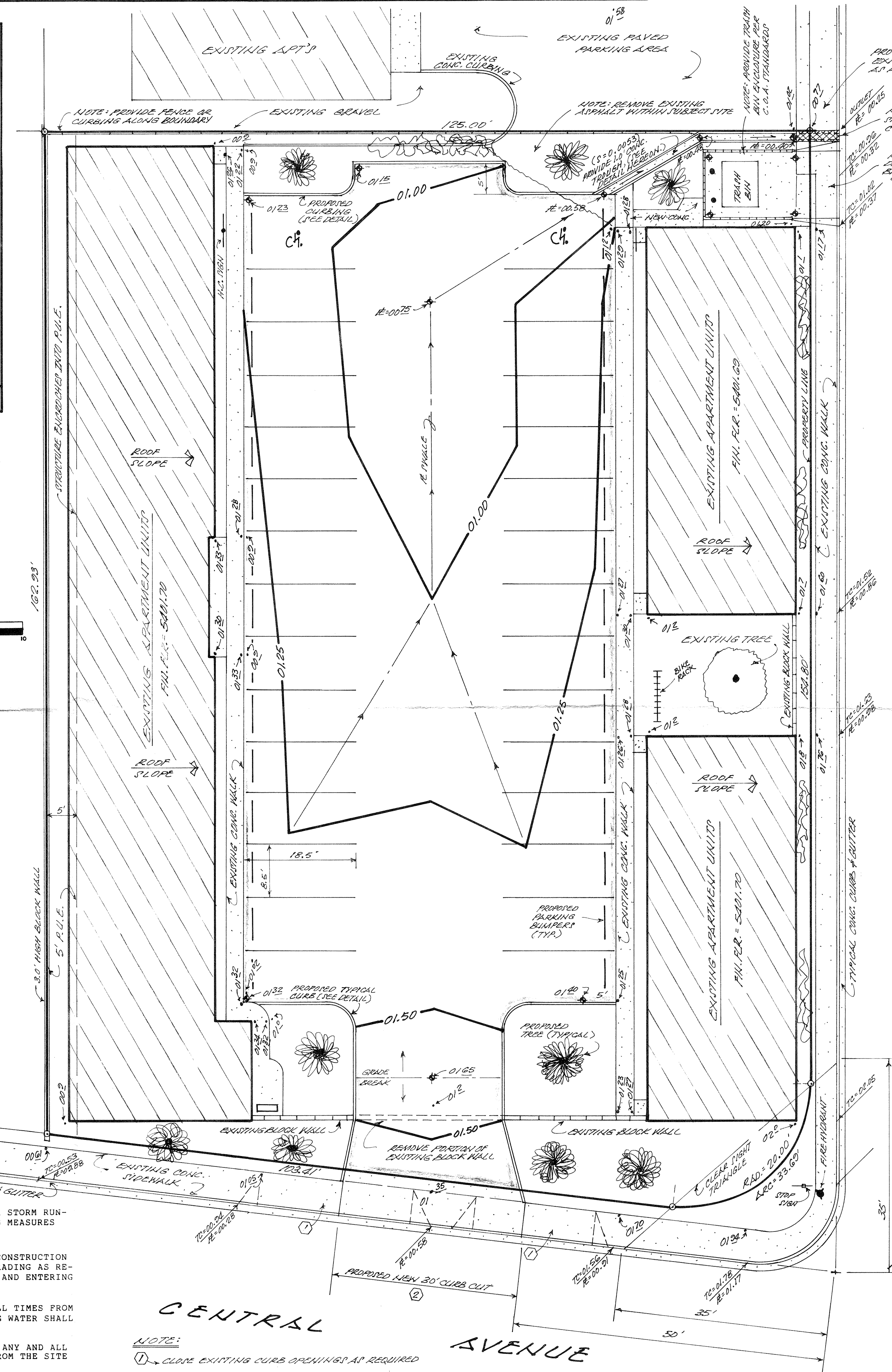
**EROSION CONTROL MEASURES:**

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

- 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.
- 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.
- THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.

**NOTE:**

- CLOSE EXISTING CURB OPENINGS AS REQUIRED
- PROVIDE NEW 30" WIDE CURB CUT AS REQUIRED BY C.O.A.



**DRAINAGE COMMENTS AND CALCULATIONS:**

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE NORTHWEST INTERSECTION OF CENTRAL AVENUE AND GENERAL ARNOLD STREET N.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

THE SUBJECT SITE, 1.) IS PRESENTLY DEVELOPED WITH EXISTING APARTMENT BUILDINGS, 2.) DOES NOT LIE WITHIN A DESIGNATED FLOODPLAIN, 3.) DOES NOT LIE ADJACENT TO A NATURAL OR ARTIFICIAL WATER COURSE, 4.) DOES NOT ACCEPT OFFSITE FLOWS OF ADJACENT PROPERTIES, 5.) DOES NOT CONTRIBUTE TO OFFSITE FLOWS OF ADJACENT PROPERTIES.

THE PURPOSE OF THIS DRAINAGE PLAN IS TO PROVIDE A PLAN FOR THE PROPOSED PAVED PARKING AREA AS SHOWN HEREON.

**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: 21,250.0 SQ. FT. = 0.49 ACRE  
PRECIPITATION ZONE: THREE (3)  
PEAK INTENSITY, "I" = 5.38

**EXISTING CONDITIONS:**

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.31	X 3.45	= 1.07
D	0.18	X 5.02	= 0.90

"Q" = 1.97 CFS

**PROPOSED CONDITIONS:**

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.10	X 3.45	= 0.35
D	0.39	X 5.02	= 1.96

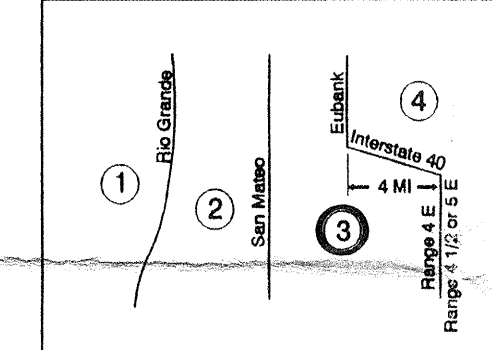
"Q" = 2.31 CFS \*\*\* INCREASE = 0.34 CFS

**A-1 PRECIPITATION ZONES**

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

DSM SECTION 22-2 HYDROLOGY  
January, 1993 Page A-4

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. Unfired 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 area percentages in TABLE A-5 may be employed.

**NOTE:** ALL WORK WITHIN PUBLIC EASEMENT SHALL BE PERFORMED UNDER SEPARATE PERMIT.

**GENERAL NOTES:**

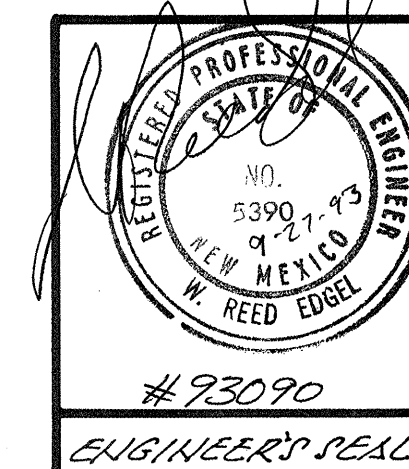
- NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.
- NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD WITHIN THE SUBJECT SITE OTHER THAN THOSE SHOWN ON THE PLAT OF RECORD.
- REFER TO "ARCHITECTURAL SITE PLAN" FOR FIELD LAYOUT OF THE PROPOSED IMPROVEMENTS.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

**BENCH MARK REFERENCE:**

ACS STATION "8-K20", M.S.L. ELEVATION OF 5400.393; PROJECT B.M. AS SHOWN ON THE PLAN HEREON.

**LEGAL DESCRIPTION:**

LOT "6-A", IN BLOCK THREE (3), OF THE WAGGOMAN - DENISON ADDITION, TO THE CITY OF ALBUQUERQUE, NEW MEXICO.



**A PROPOSED PAVING & DRAINAGE PLAN**  
OF  
**LOT "6-A" IN BLOCK 3**  
**WAGGOMAN - DENISON ADDITION**  
**ALBUQUERQUE, NEW MEXICO**  
**SEPTEMBER, 1993**

