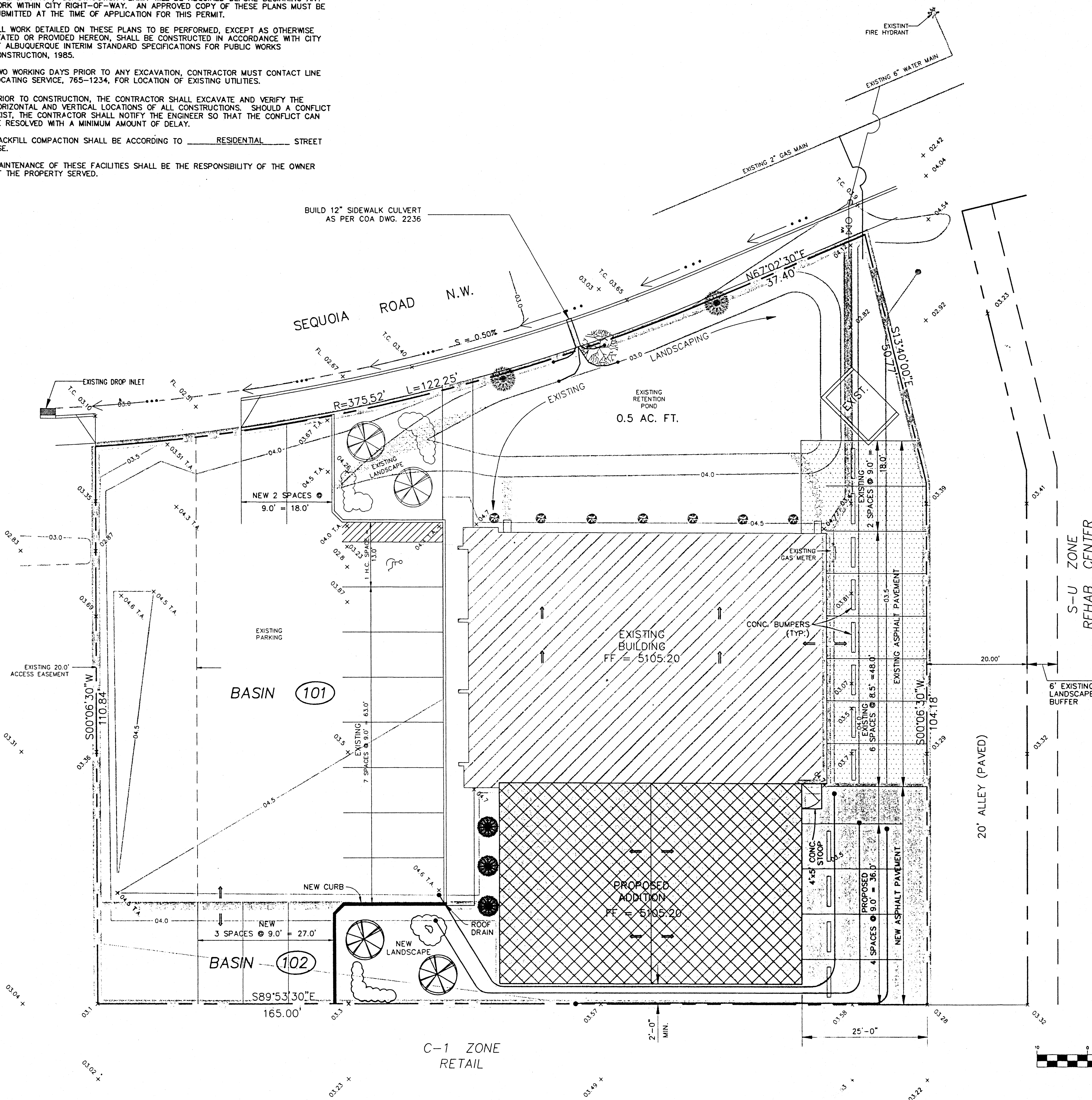


# NOTICE TO CONTRACTOR

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3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO \_\_\_\_\_ RESIDENTIAL \_\_\_\_\_ STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.



## LEGEND

- 5094 — EXISTING INTERMEDIATE CONTOUR
- 5095 — EXISTING INDEX CONTOUR
- 5089 — PROPOSED INTERMEDIATE CONTOUR
- 5090 — PROPOSED INDEX CONTOUR
- TC95.0 PROPOSED SPOT ELEVATION
- ⇒ FLOW DIRECTION
- BASIN BOUNDARY
- EXISTING PAVEMENT
- NEW PAVEMENT
- EXISTING BUILDING
- PROPOSED BUILDING

## Drainage Report Albuquerque Bicycle Center

### Location:

The tract is located at 5500 Sequoia Road, N.W. near the southeast corner of the intersection with Coors Boulevard. The site is described as Tract 23, B-1, Corona Del Sol Subdivision, Albuquerque, New Mexico.

### Existing Condition:

The site is currently developed as a retail bicycle shop. The front parking area and roof drains discharge to a retention pond fronting Sequoia Road. The remaining area discharges to the alley and adjacent retail parking areas.

Basin	Area	Zone	Soil Type	Peak Discharge	Q
101	.322 AC	1	B = 0.10 D = 0.222	2.03 4.37 Subtotal 1.2 CFS	0.20 0.97 0.6 CFS
102	.159 AC	1	C = 0.08 D = 0.079	2.87 4.37 Subtotal 0.6 CFS	0.23 0.35 0.6 CFS

### Proposed Conditions:

Construction of a 2400 S.F. addition is proposed for the site. In addition, a small area of landscaping and parking will be added to the site.

Basin	Area	Zone	Soil Type	Peak Discharge	Q
101	.35 AC	1	B = 0.10 D = 0.25	2.03 4.37 Subtotal 1.3 CFS	0.20 1.1 1.3 CFS
102	.13 AC	1	B = 0.01 D = 0.12	2.87 4.37 Subtotal 0.54 CFS	0.02 0.52 0.54 CFS

### Conclusion:

The new addition will be divided in half with the west half draining to the parking area and then to the pond. The pond will release the discharge through a 12" sidewalk culvert. The discharge will then flow to an existing drop inlet located west of the north entrance. The east half of the building will discharge to the alley. The new plan will basically maintain the discharge to the alley and adjacent properties and slightly increase the discharge to the pond. The pond has a capacity of .05 AC-FT. The 100-year volume discharging to the pond is .47 AC-FT.

## LEGAL DESCRIPTION

TR 23-B-1, CORONA DEL SOL SUBDIVISION

## BENCH MARK

A 3 1/4" ALUMINUM TABLET STAMPED "ACS, NM 448-N4A, 1984" SET IN A DRILL HOLE FLUSH WITH THE CONCRETE MEDIAN NOSE, LOCATED AT THE INTERSECTION OF COORS BLVD. AND SEQUOIA RD., NW

AUG 14 1997

HYDROLOGY SECTION

APPROVALS	NAME	DATE
HYDROLOGIST		
INSPECTOR		
ACC./FIELD		

ALBUQUERQUE BICYCLE SHOP ADDITION  
5500 SEQUOIA ROAD N.W.  
ALBUQUERQUE, N.M. 87120

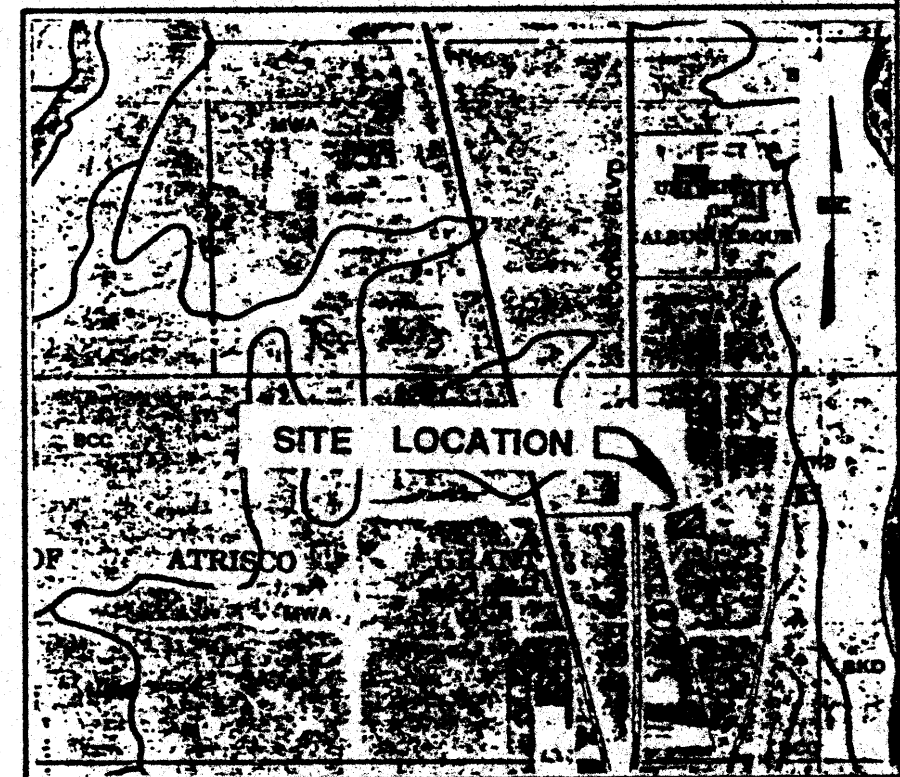
## GRADING AND DRAINAGE PLAN

DESIGN D.S.A.	DRAWN V.K.L.	DATE JUNE 1997
		FILE NO. 97071
<p><b>WILSON &amp; COMPANY</b> 4775 INDIAN SCHOOL ROAD N.E. SUITE 200 ALBUQUERQUE, NEW MEXICO 87110 (505) 254-4000</p>		SHEET NO. 1 OF 1

WILSON & COMPANY

4775 INDIAN SCHOOL ROAD N.E.  
SUITE 200  
ALBUQUERQUE, NEW MEXICO 87110  
(505) 254-4000

## LOCATION MAP ZONE ATLAS MAP NO. G-11



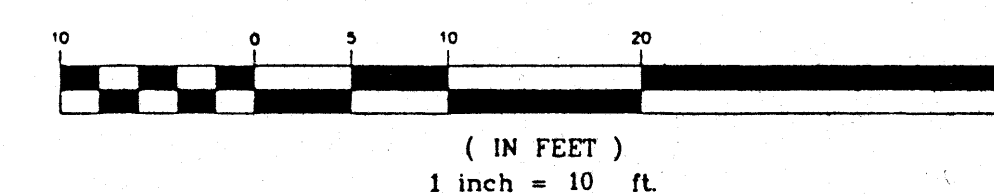
## SOILS MAP

REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY  
SHEET NO. 20



## FLOOD INSURANCE MAP REFERENCE: FLOOD INSURANCE STUDY PANEL 21

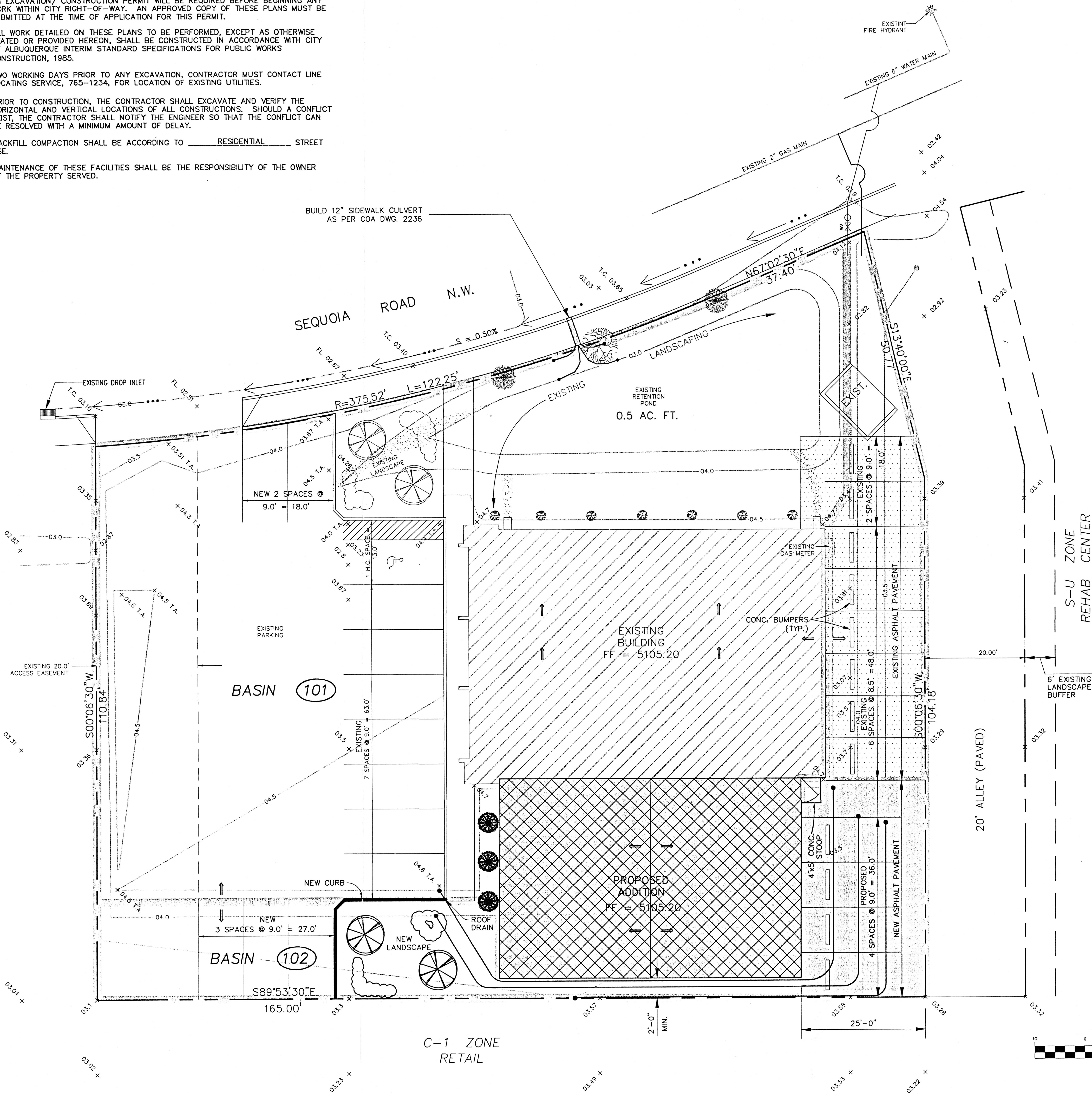
## GRAPHIC SCALE





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### Conclusion:

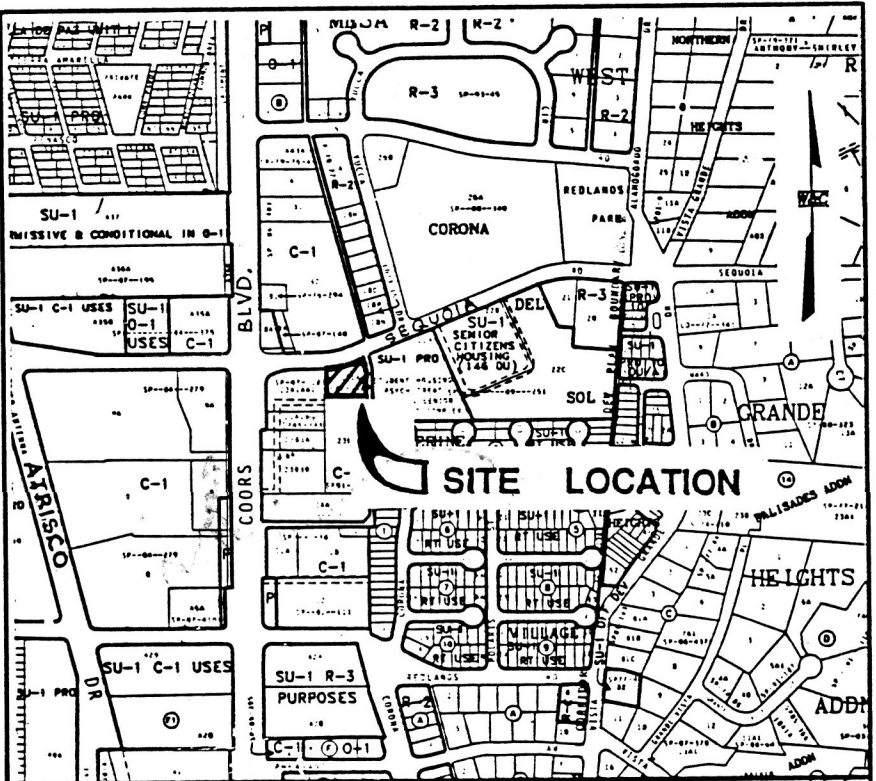
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## LEGAL DESCRIPTION

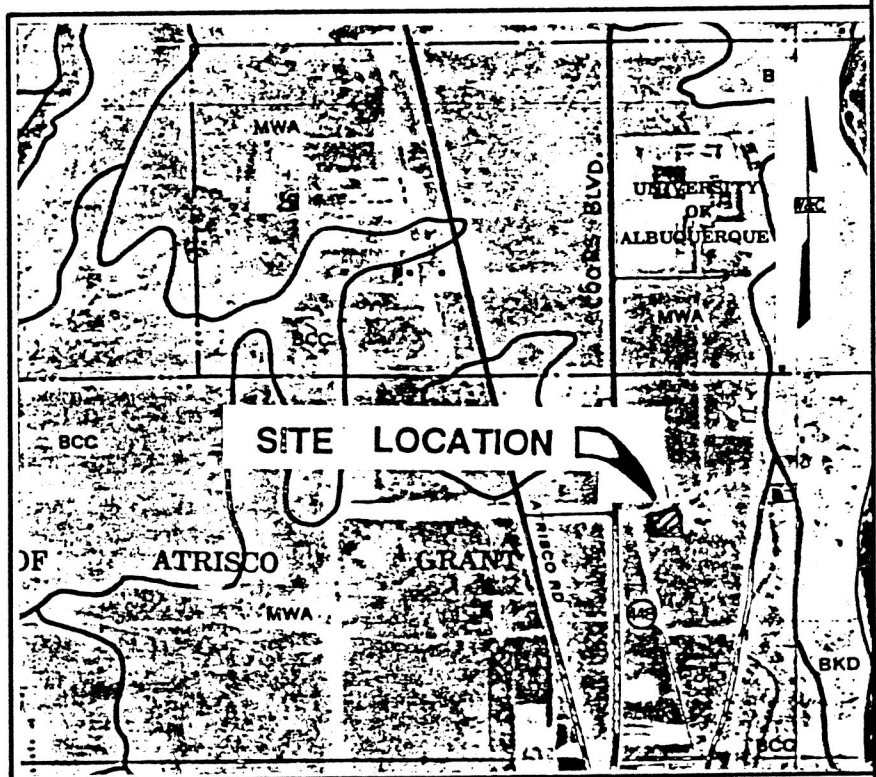
TR 23-B-1, CORONA DEL SOL SUBDIVISION

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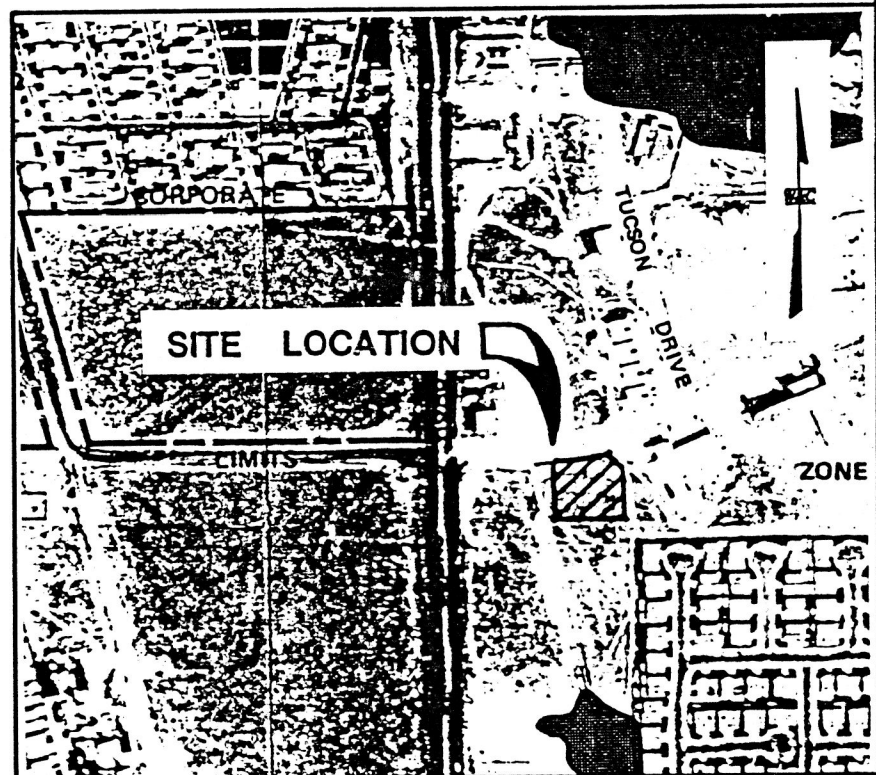


LOCATION MAP  
ZONE ATLAS MAP NO. G-11



SOILS MAP

REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY  
SHEET NO. 20



FLOOD INSURANCE MAP

REFERENCE: FLOOD INSURANCE STUDY  
PANEL 21

AUG 14 1997

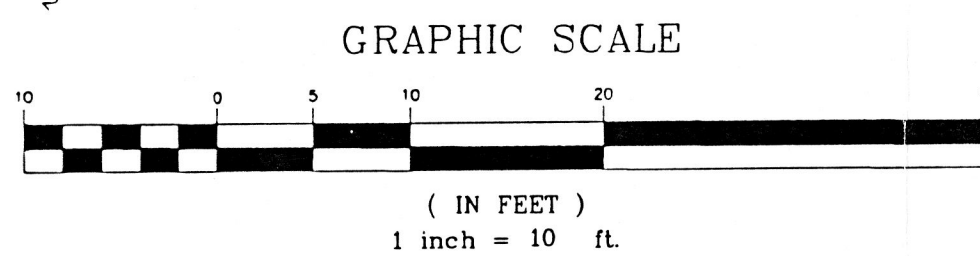
HYDROLOGY SECTION

APPROVALS	NAME	DATE
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INSPECTOR		
A.G.E./FIELD		

ALBUQUERQUE BICYCLE SHOP ADDITION  
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( IN FEET )  
1 inch = 10 ft.