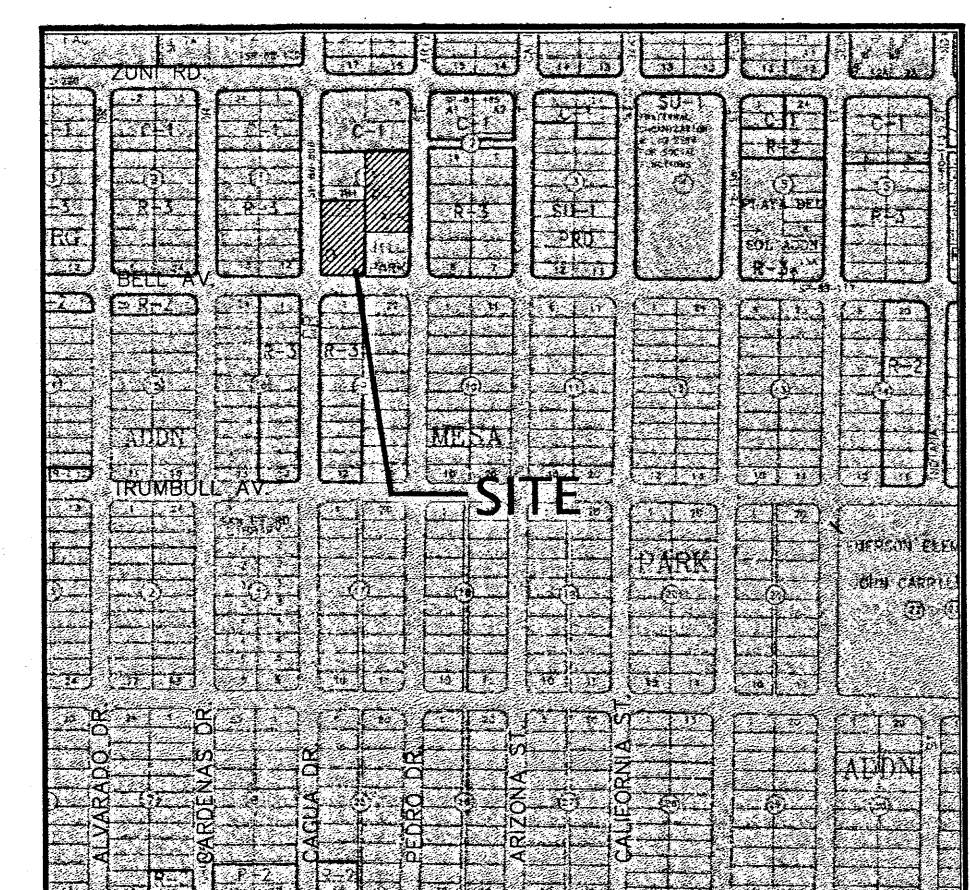


TOPOGRAPHIC EXHIBIT
SOUTHERLY PORTION OF BLOCK 1
MESA PARK ADDITION
SECTION 25, T. 10 N., R. 3 E., N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL 2002



VICINITY MAP
L-18-Z

LEGAL DESCRIPTION
TRACT 1-B-3, 1-B-5, 1-B-7, 1-B-8, 1-B-9, BLOCK 1, MEASARK ADDITION

DRAINAGE PLAN:
LOCATION AND DESCRIPTION
THE PROPOSED SITE IS 1.31 ACRES LOCATED NORTH OF BELL AVENUE BETWEEN SAN PEDRO DRIVE AND ARIZONA STREET. ONE OF THE PROPOSED LOTS CURRENTLY HAS A RESIDENCE ON IT. THE SITE HAS POOR DRAINAGE AROUND THE EXISTING STRUCTURE AND THE AREA AT THE INTERSECTION OF SAN PEDRO AND BELL LIES WITHIN A ZONE AO (1') FLOODPLAIN. THE FLOODPLAIN WITH THE SITE SHOWN ON IT IS INCLUDED ON THIS SHEET. PROPOSED DEVELOPMENT WILL KEEP THE EXISTING BUILDING AND ADD NEW RESIDENTIAL HOMES.

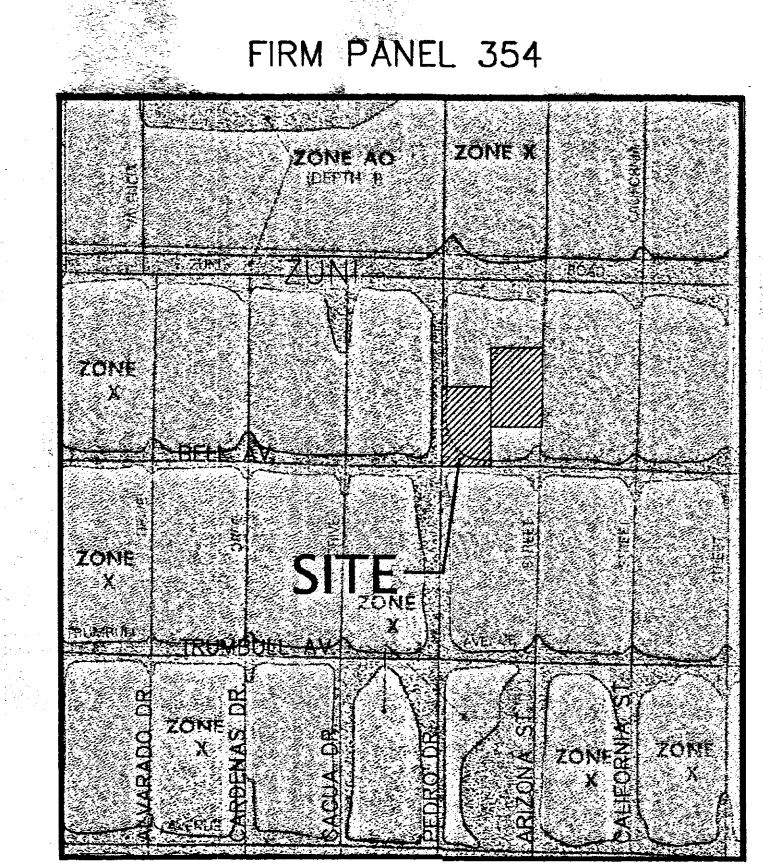
EXISTING DRAINAGE CONDITIONS:
THE DRAINAGE ANALYSIS FOR THIS SITE IS IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL SECTION 22.2, HYDROLOGY. THE PROPERTY IS LOCATED IN ZONE 3. THE 100-YEAR, 6-HOUR STORM IS 2.60 INCHES.

DEVELOPED DRAINAGE CONDITIONS:
THE SITE IS DEVELOPED AS DESCRIBED ABOVE IN LOCATION AND DESCRIPTION. THE SITE DRAINS FROM EAST TO WEST TO SAN PEDRO DRIVE.

THE PROPERTY HAS BEEN DIVIDED INTO TWO DRAINAGE BASINS. BASIN A WILL DRAIN TO SAN PEDRO DRIVE AND BASIN B WILL DRAIN TO ARIZONA STREET. AS A RESULT OF THIS SUBDIVISION, THE RUNOFF DRAINING WEST INTO SAN PEDRO WILL DECREASE FROM 3.13 CFS TO 2.68 CFS AND THE RUNOFF DRAINING EAST TO ARIZONA WILL INCREASE FROM 0.0 CFS TO 2.29 CFS. THE TOTAL INCREASE IN RUNOFF OF 1.75 CFS INCREASE IS INSIGNIFICANT SINCE THERE ARE DESIGNATED FLOODPLAINS LOCATED AROUND THE SUBDIVISION.

100-YEAR HYDROLOGIC CALCULATIONS

BASIN ID	AREA (ac.)	LAND TREATMENT				V (6-hr) (ac-ft.)	V (6-hr) (CF)	Q (cfs)
		A	B	C	D			
EXISTING CONDITIONS								
A	0.71	0.04	0.00	0.23	0.08	0.06	2837	1.94
B	0.60	0.58	0.00	0.00	0.02	0.04	1590	1.19
TOTAL						0.10	4427	3.13
PROPOSED CONDITIONS								
A	0.71	0.00	0.22	0.22	0.27	0.093	4069	2.68
B	0.60	0.00	0.18	0.18	0.24	0.080	3500	2.29
TOTAL						0.17	7569	4.98



- LEGEND**
- 96.70 • SPOT ELEVATIONS
 - EXIST. CONTOURS
 - - - BASIN BOUNDARY
 - (BASIN X) BASIN NUMBER
 - FLOW DIRECTION

SCALE: 1"=20'

THOMPSON ENGINEERING CONSULTANTS CIVIL ENGINEERING SERVICES PHONE: (505) 896-7996 FAX: (505) 896-6112							
DATE	BY	REVISION	NO.	PROJECT: DRAWN BY: BLN	CHECKED BY:	APPROVED BY:	FILE:
				DATE:	HORIZ. SCALE:	VERT. SCALE:	
CITY/COUNTY REVIEW		MESA PARK		GRADING & DRAINAGE PLAN			
DEPARTMENT	SIGN-OFF	DATE	WASTEWATER MGMT. DIV.	WATER SERVICES	SUBDIVISION ENG.	STREETS	TRAFFIC
SHEET No.				FOR CITY/COUNTY USE ONLY			
1							
RECEIVED JUN 06 2002 HYDROLOGY SECTION							