



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 11, 1992

Tom Blaine
Geo-Centers, Inc.
2201 Buena Vista Drive, SE
Albuquerque, New Mexico 87106

RE: REVISED DRAINAGE PLAN FOR A PROPOSED BUILDING FOR MICHAEL KERMANI
(K-18/D56) REVISION DATED APRIL 17, 1992

Dear Mr. Blaine:

Based on the information provided on your submittal of March 14, 1992, the above referenced plan is approved for Building Permit.

Please advised that all the roof runoff must exit onto the paved areas.

Please attach a copy of this plan to the construction sets prior to sign-off by Hydrology.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bjf
(WP+3281)

PUBLIC WORKS DEPARTMENT

DRAINAGE INFORMATION SHEET

PROJECT TITLE: MICHAEL KERMANI (DRAINAGE ZONE ATLAS/DRNG. FILE #: K-18/D56
 DRB #: _____ EPC #: _____ WORK ORDER #: _____
 LEGAL DESCRIPTION: LOT 5-A TIJERAS PLACE, ALBUQUERQUE, NM
 CITY ADDRESS: _____

ENGINEERING FIRM: <u>GEO-CENTERS</u>	CONTACT: <u>TOM BLAINE/BOB PADGETT</u>
ADDRESS: <u>2201 BUENA VISTA SE</u>	PHONE: _____
OWNER: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____
ARCHITECT: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____
SURVEYOR: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____
CONTRACTOR: _____	CONTACT: _____
ADDRESS: _____	PHONE: _____

TYPE OF SUBMITTAL:

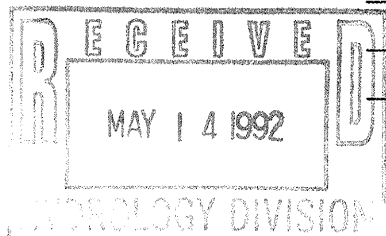
- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☐ OTHER

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: _____
 BY: _____



PROJECT:	MICHAEL KERMANI DRAINAGE PLAN			SHEET NO.	1
TITLE:	DRAINAGE PLAN				
SCALE:	DRAWN BY: B STEELE	DESIGNED BY: T BLANE	CAD FILE:		
DATE:	CHECKED BY: T BLANE	PROJECT NO: 2303	KERMSITE		
REV:	DATE:	BY:	REMARKS:		
	5/17/92	BLANE	PER CITY OF ALBUQUERQUE LETTER		

DESCRIPTION

A CERTAIN PARCEL OF LAND BEING IDENTIFIED AS LOTS ONE (1) THROUGH FIVE (5), IN BLOCK TWENTY-EIGHT (28), AMENDED PLAT OF TIJERAS PLACE, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, ON AUGUST 24, 1923, VOLUME C, FOLIO 21, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THE PARCEL HEREIN DESCRIBED, FOUND A ONE-HALF INCH (1/2") REBAR IN PLACE, AND BEING A POINT ALONG THE EASTERLY RIGHT-OF-WAY OF LA VETA DRIVE N.E.; WHENCE THE ACS BRASS CAP MARKED "6-K18", BEARS S 45°28'29" W, 842.27 FEET; THENCE:

N 00°10'23" E, 125.00 FEET ALONG SAID DRIVE TO THE NORTHWEST CORNER, ALSO BEING A POINT ALONG THE SOUTHERLY RIGHT-OF-WAY OF ZIA ROAD N.E.; THENCE:

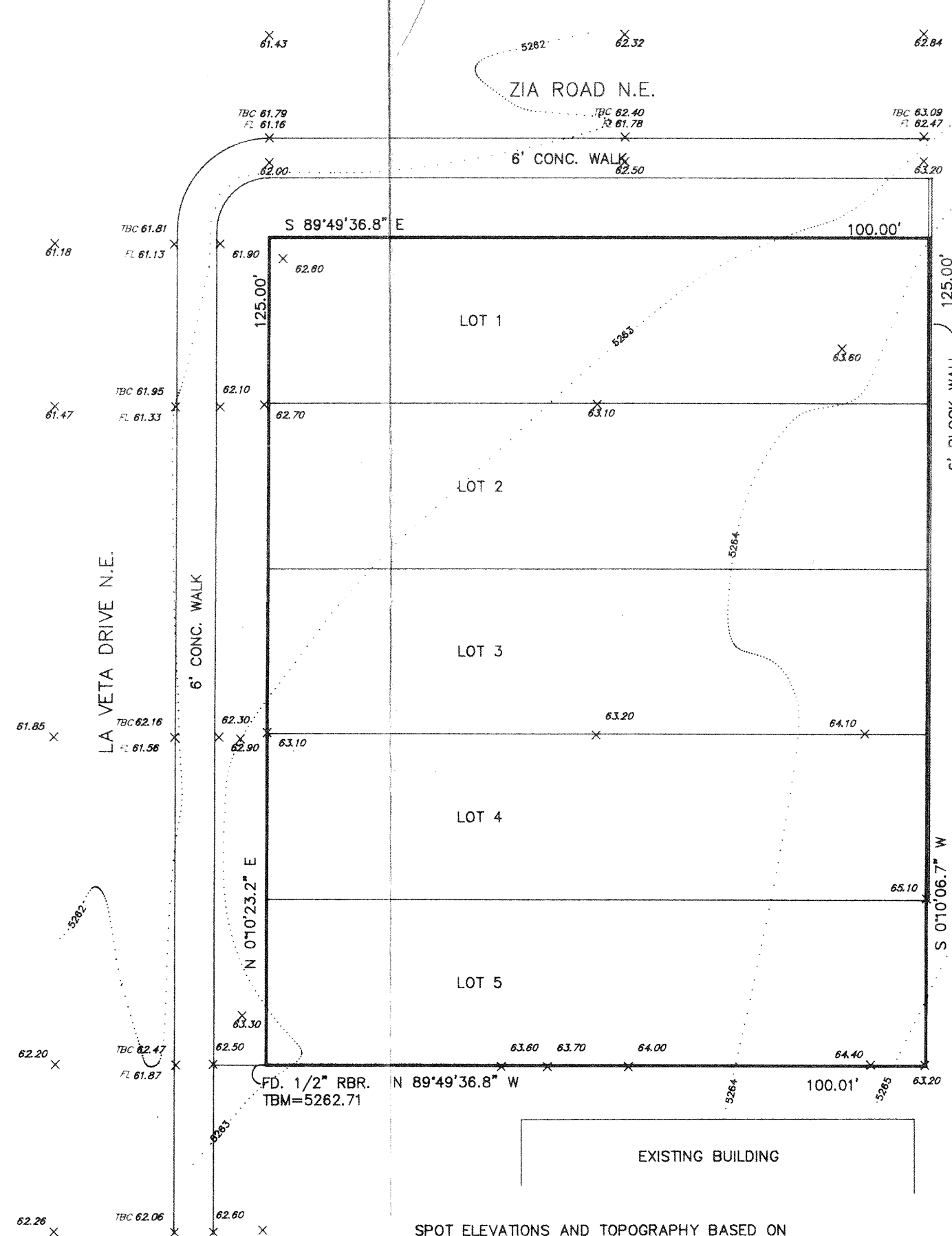
S 89°49'36.8" E, 100.00 FEET ALONG SAID ROAD TO THE NORTHEAST CORNER OF THE PARCEL HEREIN DESCRIBED; THENCE:

S 00°10'07" W, 125.00 FEET TO THE SOUTHEAST CORNER, FOUND A ONE-HALF INCH (1/2") REBAR IN PLACE, THENCE:

N 89°49'37" W, 100.01 FEET TO THE SOUTHWEST CORNER AND PLACE OF BEGINNING AND CONTAINING 0.2870 ACRES MORE OR LESS.

LEGAL DESCRIPTION FROM PLAT OF LOT 5-A, BLOCK 28, TIJERAS PLACE, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, JANUARY 1992, RECORDED IN VOL. 92C OF RECORDS OF SAID COUNTY FOLIO 49, APRIL 6, 1992.

UNDEVELOPED CONDITION

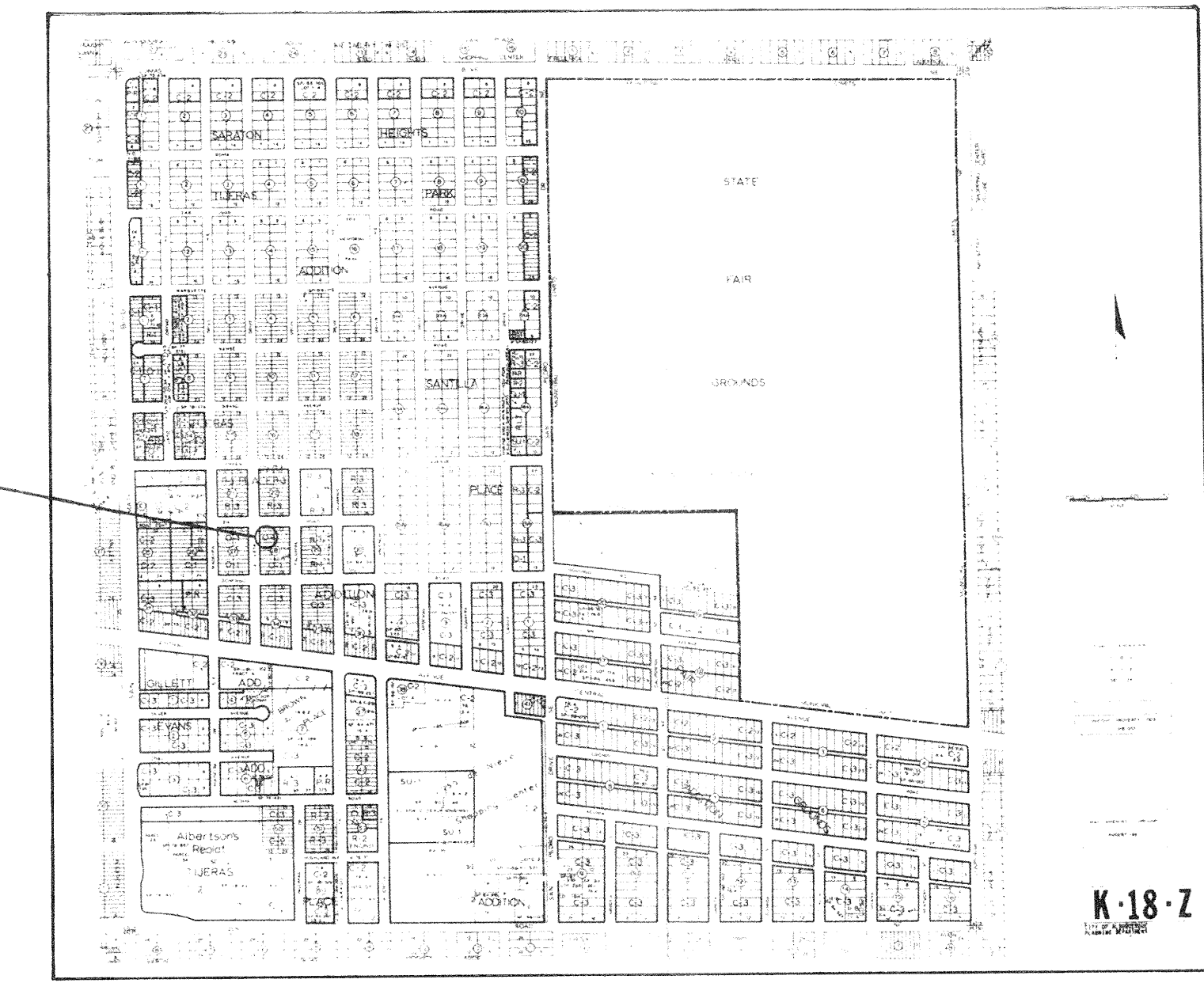


SPOT ELEVATIONS AND TOPOGRAPHY BASED ON SURVEY BY:

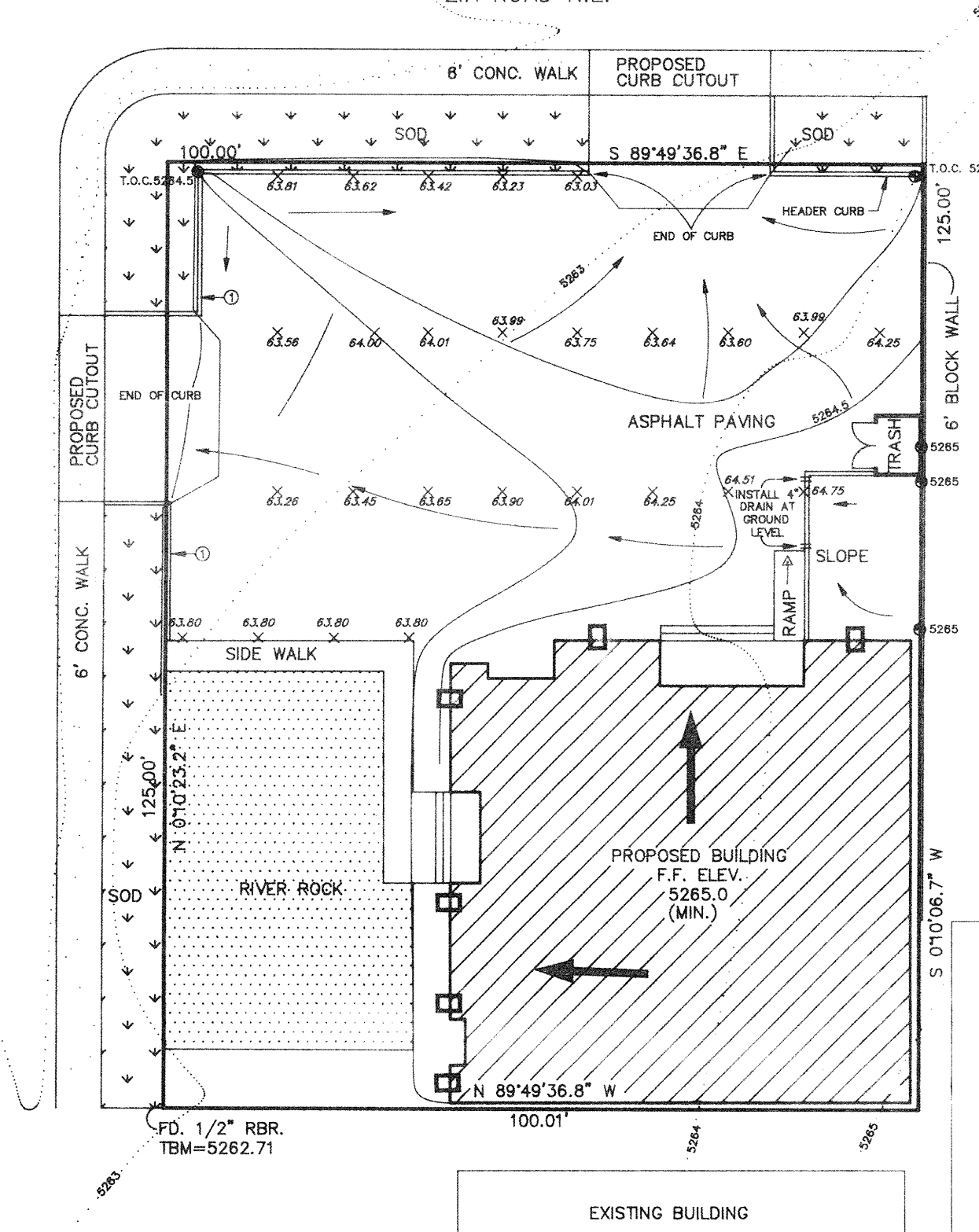
MARQUEZ SURVEYING COMPANY
902 5th STREET N.W.
ALBUQUERQUE, NEW MEXICO 87102
(505) 842-6579

UNDEVELOPED CONDITION			
Q = CIA			
Q = 0.40(1) 0.33 Acres			
6 HOUR 100 YEAR EVENT			
RAINFALL = 2.3 INCHES	$t_c = 10$ MINUTES MINIMUM		
$I = (2.3)(6.84)(10)^{-0.51}$			
$I = 4.86$			
Q = CIA			
Q = 0.40 (4.86) (0.331) = 0.6437 cfs			

LOCATION MAP



DEVELOPED CONDITION



DEVELOPED CONDITION			
OVERALL AREA	0.331 Acres	C	WEIGHTED C
ROCK AREA	0.035 Acres	0.40	0.042
SOD AREA	0.038 Acres	0.25	0.029
IMPERVIOUS AREA	0.248 Acres	0.95	0.7405
TOTAL			0.812
Q = CIA = 0.812 (4.86) (0.331)			= 1.305 cfs
CHANGE IN RUNOFF	= 1.305 - 0.6437 = 0.6613 cfs		

