

DRAINAGE CALCULATIONS

EXISTING	PROPOSED
A = 0.98 Ac.	A = 0.98 Ac.
P = 2.2 In.	P = 2.2 In.
$\Phi D = 0.0$	$\Phi D = 78.00$
Tc = 10 Min.	Tc = 10 Min.
$Q_{100} = 1.25$ cfs	$*Q_{100} = 3.70$ cfs
VOL. = 1742 c.f	VOL. = 5663 c.f

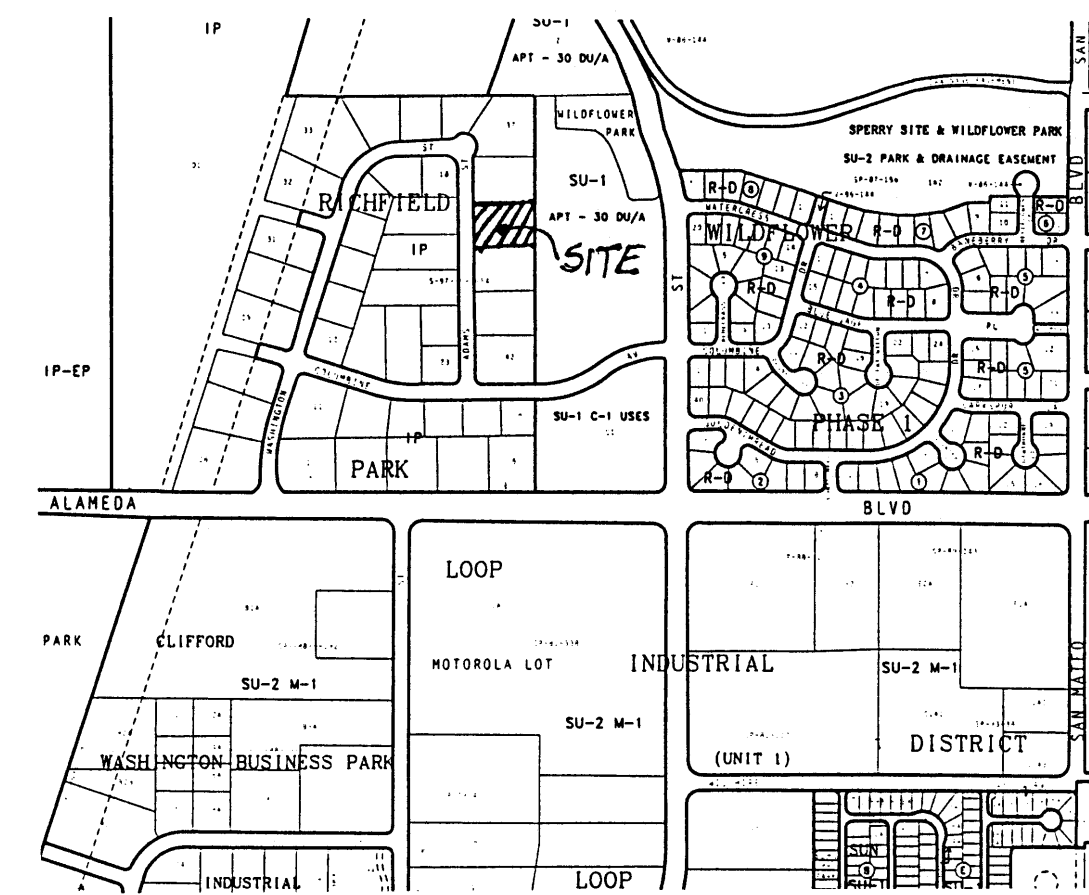
*FREE DISCHARGE PER
MASTERPLAN.

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within City right of way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with "City of Albuquerque Standard Specifications for Public Works Construction" (1986 Edition).
3. Two working days prior to any excavation, Contractor must contact the 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 obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum 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.
7. Contractor is responsible for obtaining excavation permit for the S.O. 19 and providing proof of acceptance by the City prior to Hydrology sign-off for Certificate of Occupancy.

DRAINAGE FACILITIES WITHIN CITY RIGHT OF WAY

Design Approval	_____	HYDROLOGY SECTION	_____	DATE	_____
Inspection Approval	_____	CONSTRUCTION SECTION	_____	DATE	_____
Acceptance	_____	CONSTRUCTION/SECTION/PERMITS	_____	DATE	_____



VICINITY MAP

ZONE MAP: C-17-Z

NOTES

1. A PORTION OF SITE LIES WITHIN A 100 YEAR FLOOD ZONE.
2. CONTRACTOR IS TO CONSTRUCT TEMPORARY EARTHEN BERM AT NORTHWEST BOUNDARY TO PREVENT DOWNSTREAM SEDIMENTATION DURING CONSTRUCTION.
3. NO OFF-SITE FLOWS ENTER THIS SITE.

TBM (TEMPORARY BENCHMARK)

RIM OF SAS MANHOLE AS SHOWN IN ADAMS ST.
ELEV. = 5101.98

ACS BENCHMARK

AMAFCA BRASS TABLET "MDC 6-1A", LOCATED 3350 FEET NORTH OF RICHFIELD RD. BRIDGE OVER THE AMAFCA N. DIVERSION CHANNEL.
X = 395,225.79
Y = 1,525,812.76

LEGAL DESCRIPTION

LOT 39, RICHFIELD PARK, ALBUQUERQUE N.M., BERNALILLO COUNTY.
VOL. C36, FOLIO 12. MARCH 10, 1988.

LEGEND

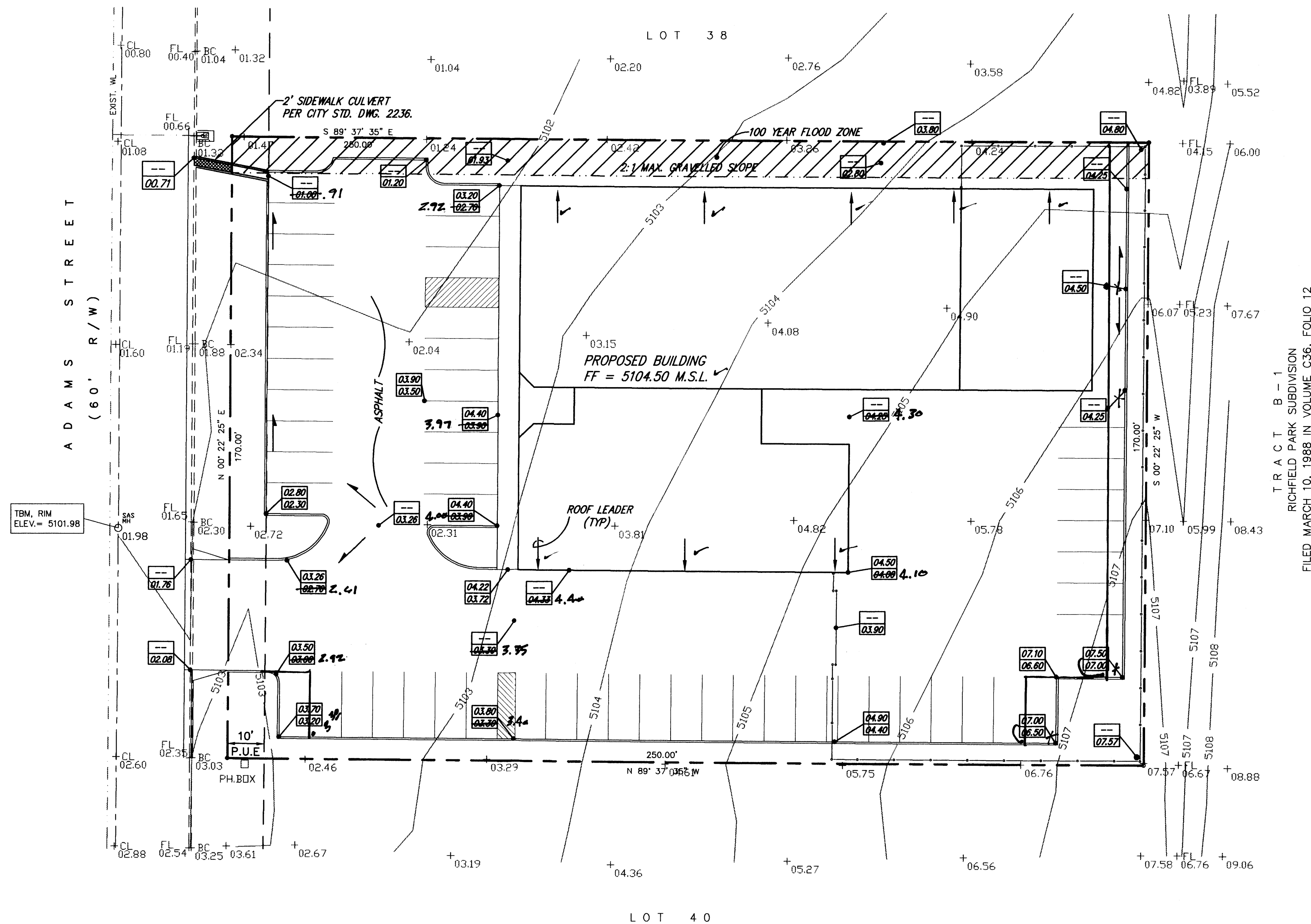
-----	PROPERTY LINE
10.40 10.50 9.90 10.00	AS-BUILT -NEW SPOT ELEVATION
=====	NEW CURB
----->	NEW FLOW DIRECTION
=====	EXISTING CURB
-----	EXISTING CONTOUR
+ 05.78	EXISTING SPOT ELEVATION

VINYARD AND ASSOCIATES BUILDING

GRADING & DRAINAGE PLAN

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 345-2010

Designed: DMG	Drawn: STAFF	Checked: DMG	Sheet 1 of 1
Scale: 1"=20'	Date: 6/95	Job: 95091	



RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Dura-Bilt, and by the surveyor, Harris Surveying, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

Mark Goodwin 5/19/87
Mark Goodwin NMPE 8948



20' 10' 0' 20' 40'
SCALE: 1" = 20'

TEMP \VINGD20\09-13-96