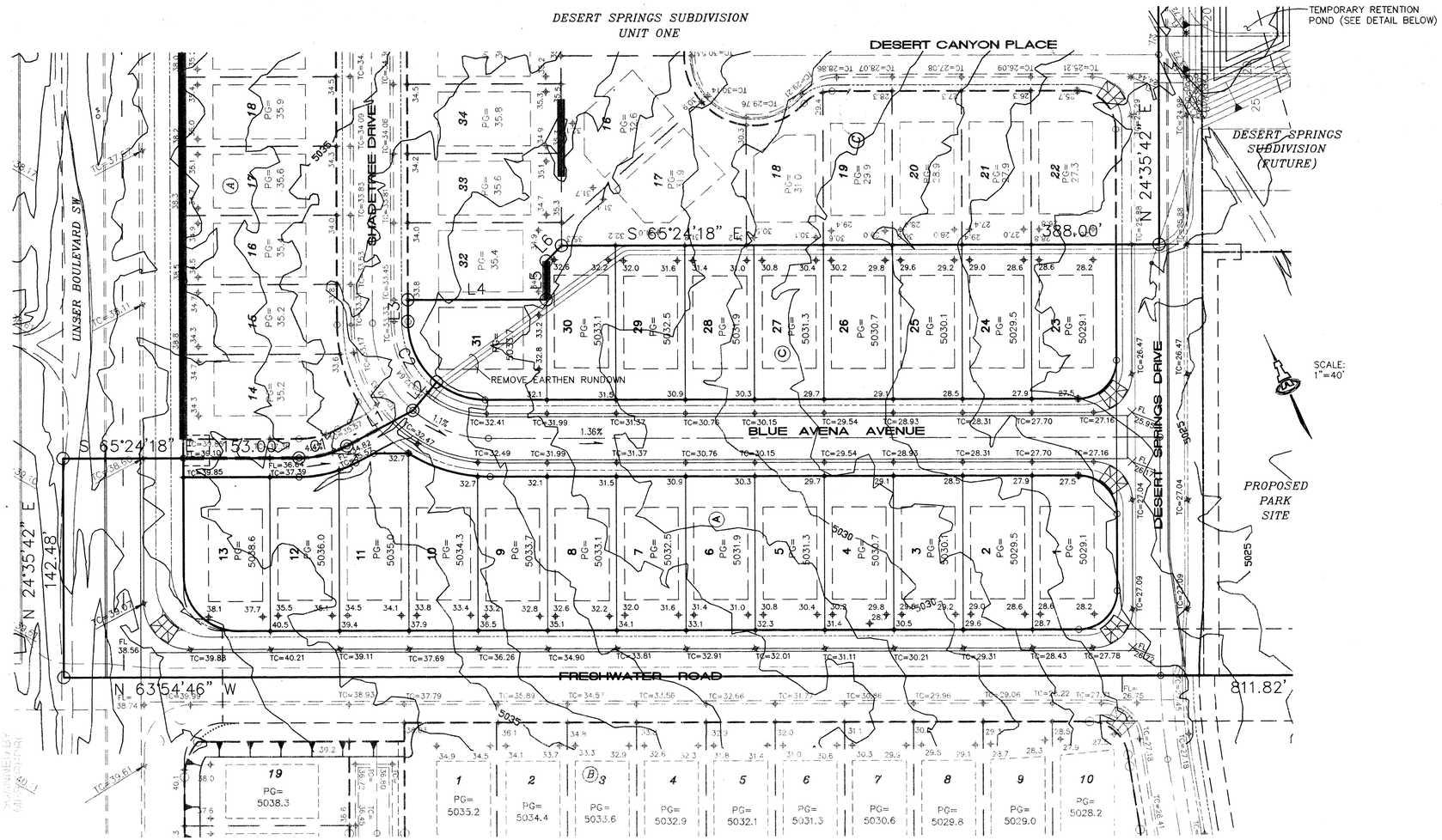
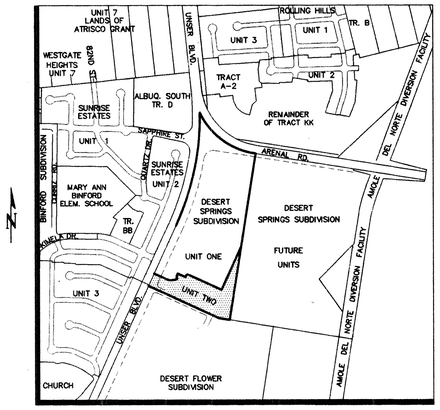


DESERT FLOWER SUBDIVISION
UNIT ONE



M-10 1"=750'±

VICINITY MAP

LEGAL DESCRIPTION: Tract A, Desert Springs Subdivision, Unit One, Filed 03-30-98, Vol. 98C, Folio 86.

ENGINEER: Fred C. Arfman, P.E.
Isaacson & Arfman, P.A.
128 Monroe Street NE
Albuquerque, NM 87108
(505) 268-8828

SURVEYOR: Aldrich Land Surveying, Inc.
Attn: Tim Aldrich
(505) 884-1990

BENCHMARK: ACS monument "1-M10" located at the southeast quadrant of Sage Road and Unser Boulevard S.W. ELEVATION: 5079.88

FLOOR HAZARD STATEMENT:
No portion of this development lies within a floodplain area as determined by Panel No. 350002-0336 of the September 20, 1996 Edition of FEMA Maps.

DRAINAGE MASTERPLAN:
A drainage masterplan for Desert Springs Unit Two has been filed with COA Hydrology Department for review and approval.

LEGEND

	EXISTING CONTOUR
	PROPOSED CONTOUR
78.3	PROPOSED SPOT ELEVATION
	FLOW ARROW
PG = 6881.0	PAD GRADE ELEVATION
	STORM DRAIN MANHOLE
INV=72.5	INVERT ELEVATION
	BOUNDARY
	RETAINING WALL

BOUNDARY CURVE AND LINE DATA

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
1	66.00	32.34	16.50	32.01	S 79°26'28" E	28°04'21"
2	51.00	44.79	23.96	43.37	S 00°33'55" E	50°19'15"

LINE TABLE

LINE	LENGTH	BEARING
1	48.71	N 86°31'22" E
2	24.12	N 64°16'28" E
3	14.00	N 24°35'42" E
4	90.00	S 65°24'18" E
5	25.00	N 24°35'42" E
6	14.14	N 69°35'42" E

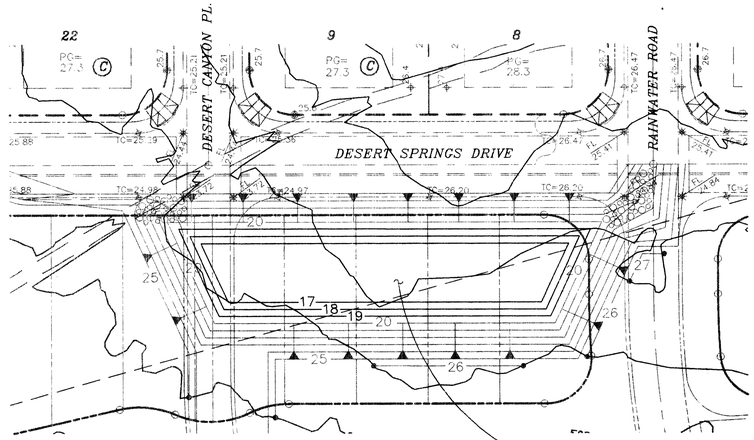
TEMPORARY RETENTION POND

$V_{100YR-10D}^{(REQUIRED)}$ = 2.26 AC FT

V_{CUT} = 1,271 CU YDS

ELEV	STORAGE (AC FT)
17.0	0.00
18.0	0.165
19.0	0.388
20.0	0.674
21.0	0.996
22.0	1.371
23.0	1.804
23.92	2.26

$V_{100YR-10D}$ = 2.26 AC FT



POND DETAIL
SCALE: 1"=40'

SCANNED BY MESA REPRO

SCANNED BY MESA REPRO

AS-BUILT INFORMATION
CONTRACTOR Sparling DATE 5/00
WORK STAKED BY Sparling DATE 5/00
CONSTRUCTION INSPECTED BY Sparling DATE 5/00
FIELD VERIFICATION BY Sparling DATE 5/00
DRAWINGS CORRECTED BY F.C.A. DATE 5/00
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
City Engineer R. Baca

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88
TBM: RIM OF SOUTHWESTERLY MANHOLE AT SAPPHIRE ST. & UNSER BLVD.
ELEV. = 5035.84

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/97

ENGINEER'S SEAL
FRED C. ARFMAN, P.E. 7323 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
8-12-98

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY FCA DATE 05/98
DRAWN BY EMS DATE 05/98
CHECKED BY FCA DATE 05/98

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
9212GRD.DWGems 05/29/98

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: DESERT SPRINGS SUBDIVISION, UNIT TWO
GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
Approved @ DRB				

City Project No. 578582 | Zone Map No. M-10 | Sheet 4 Of 15