SCALE: 1"=60'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
1	500.00	86.12	43.17	86.02	N04°00'54"E	09°52'08"
2	906.26	137.36	68.81	137.23	S04°36'26"W	08°41'03"
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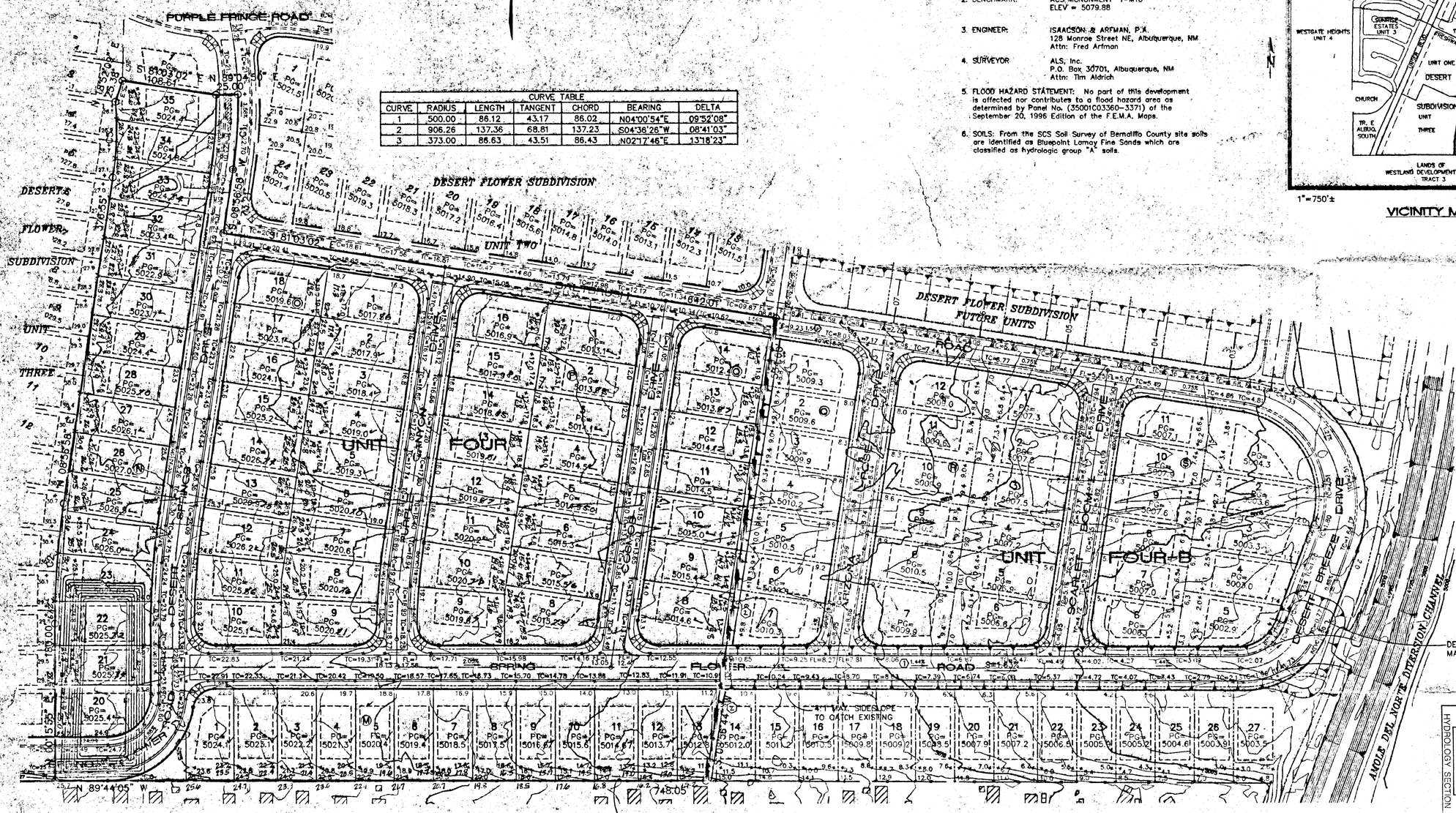

NOTE: BACKYARD GRADES ARE TO MATCH EXISTING COVER GRADES AT FOOTINGS.

① TEMPORARY EARTHEN RUNDOWN TO BE BUILT IF THIS SITE IS DEVELOPED IN TWO PHASES.

② MAX. SLOPE AT 3:1 TO MATCH EXISTING GRADE ONLY TO BE BUILT IF UNIT FOUR IS DEVELOPED IN TWO PHASES.

NOTES

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2. BENCHMARK: ACS MONUMENT "1-M10" ELEV = 5079.88
3. ENGINEER: ISAACSON & ARFMAN, P.A. 128 Monroe Street NE, Albuquerque, NM Attn: Fred Arfman
4. SURVEYOR: ALS, Inc. P.O. Box 30701, Albuquerque, NM Attn: Tim Aldrich
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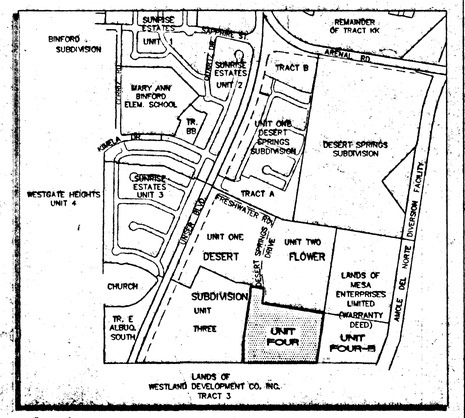

1"=750'±

VICINITY MAP

(M-10)

ENGINEER'S CERTIFICATION

I, FRED C. ARFMAN, P.E., LICENSED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THOSE GRADES AND IMPROVEMENT SHOWN HEREON AS FIELD VERIFIED BY WALKER SURVEYING COMPANY ON FEBRUARY 5, 1999, IN ACCORDANCE WITH THE "NEW MEXICO ENGINEERING AND SURVEYING ACT", SECTION 61-23-1 THROUGH 61-23-32 NMSD (1979).

NO RETAINING WALLS WERE REQUIRED ON THE APPROVED FINAL GRADING PLAN, DATED 09-22-98 AND NONE WERE CONSTRUCTED AS PART OF THE DESERT FLOWER SUBDIVISION, UNIT FOUR (M10/D12D).

FRED C. ARFMAN, PE
NMPE NO. 7322

02-09-99
DATE

STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER

LEGEND

5012	EXISTING CONTOUR
15	PROPOSED CONTOUR
+78.3	PROPOSED SPOT ELEVATION
	FLOW ARROW
PG= 5022.0	PAD GRADE ELEVATION
+ TC=25.74	PROPOSED TOP OF CURB ELEVATION
+ FL=24.07	PROPOSED FLOW LINE ELEVATION
	PHASE LINE

AS-BUILT INFORMATION

CONTRACTOR | DATE
WORK STAKED BY
WORK INSPECTED BY | DATE
ACCEPTANCE BY | DATE
CERTIFICATION BY | DATE
DRAWINGS CERTIFIED BY | DATE

MICRO-FILM INFORMATION

RECORDED BY | DATE
NO.

BENCH MARKS

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ELEV. = 5079.88

TBM: RIM OF SOUTHWESTERLY MANHOLE AT SAPPHIRE ST. & UNSER BLVD.
ELEV. = 5035.84

SURVEY INFORMATION

NO.	DATE	FIELD NOTES
1	5/98	ALS

ENGINEER'S SEAL

FRED C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER
09-22-98

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

RECEIVED FEB 10 1999 HYDROLOGY SECTION

DESIGNED BY MJC DATE 07/98
DRAWN BY EMS DATE 07/98
CHECKED BY FCA DATE 07/98

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
023GRD.DWGems 09/21/98

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: DESERT FLOWER SUBDIVISION--UNIT FOUR
GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	No./Day/Yr.	No./Day/Yr.
Approved C.D.R.B.	10-20-98			

City Project No. | Zone Map No. | Sheet 1 Of 1

SCALE: 1"=60'

CURVE TABLE						
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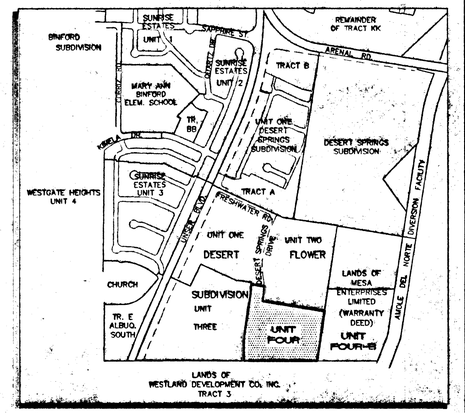
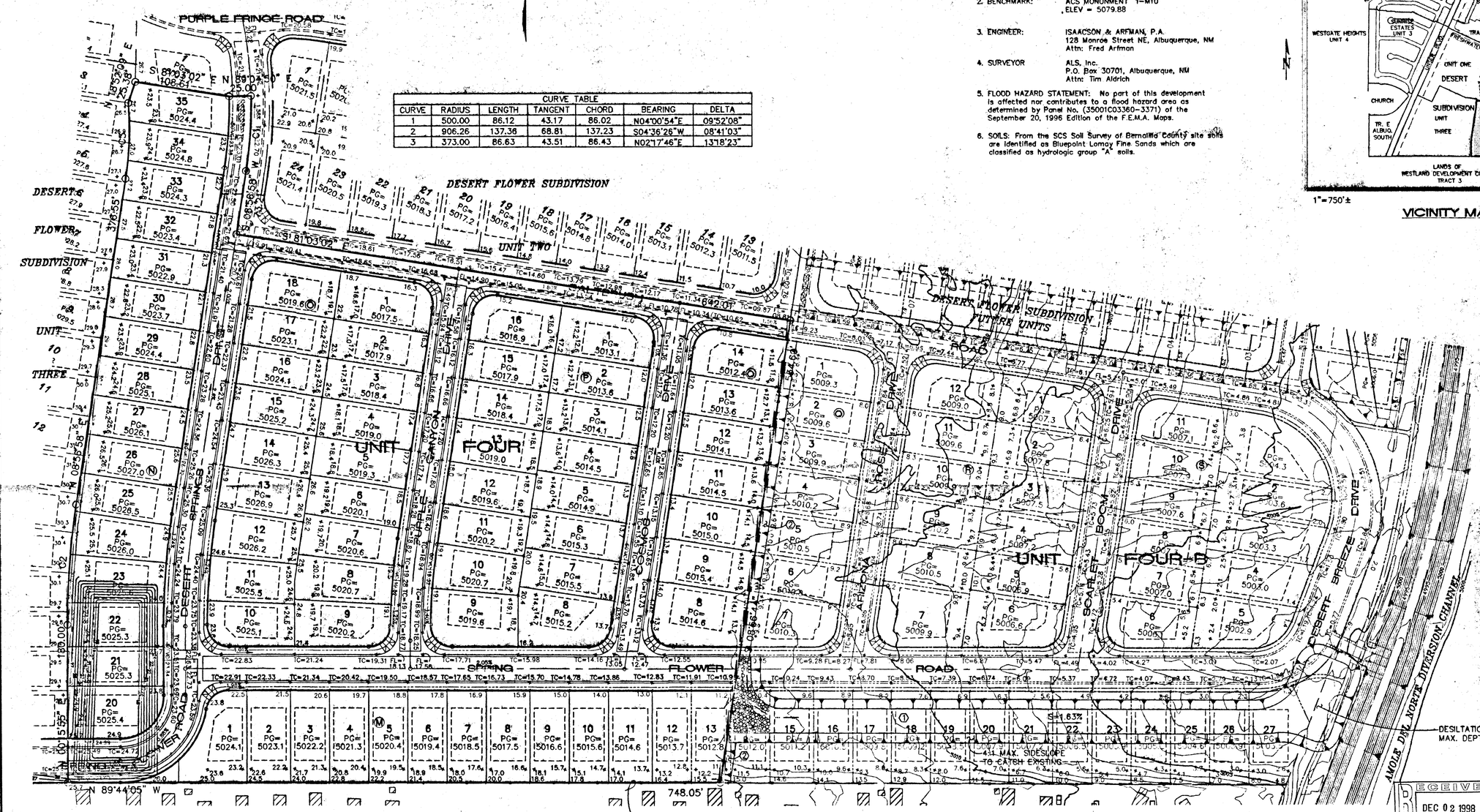


1"=750'±

VICINITY MAP (M-10)



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LEGEND

5012	EXISTING CONTOUR
15	PROPOSED CONTOUR
◆78.3	PROPOSED SPOT ELEVATION
	FLOW ARROW
PG= 5022.0	PAD GRADE ELEVATION
◆ TC=25.74	PROPOSED TOP OF CURB ELEVATION
◆ FL=24.07	PROPOSED FLOW LINE ELEVATION
	PHASE LINE

RECEIVED DEC 02 1998 HYDROLOGY SECTION

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
023GRD.DWGems 11/30/98

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: DESERT FLOWER SUBDIVISION--UNIT FOUR
GRADING & DRAINAGE PLAN

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

City Project No.	Zone Map No.	Sheet	Of
6026.81	M-10	1	1

AS-BUILT INFORMATION
CONTRACTOR / WORK STAKED BY / AGREEMENTS & INSPECTIONS BY / FIELD CONSTRUCTION BY / DRAWINGS CORRECTED BY — DATE

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: ALS 5/96

ENGINEER'S SEAL: FRED C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER 06-22-60

MICRO-FILM INFORMATION
RECORDED BY — DATE
VOL. — PG.

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN		DATE
DESIGNED BY	MJC	07/98
DRAWN BY	EMS	07/98
CHECKED BY	FCA	07/98

SCALE:
1"=60'

CURVE TABLE						
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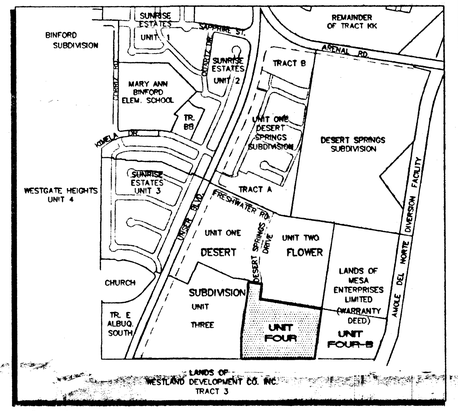
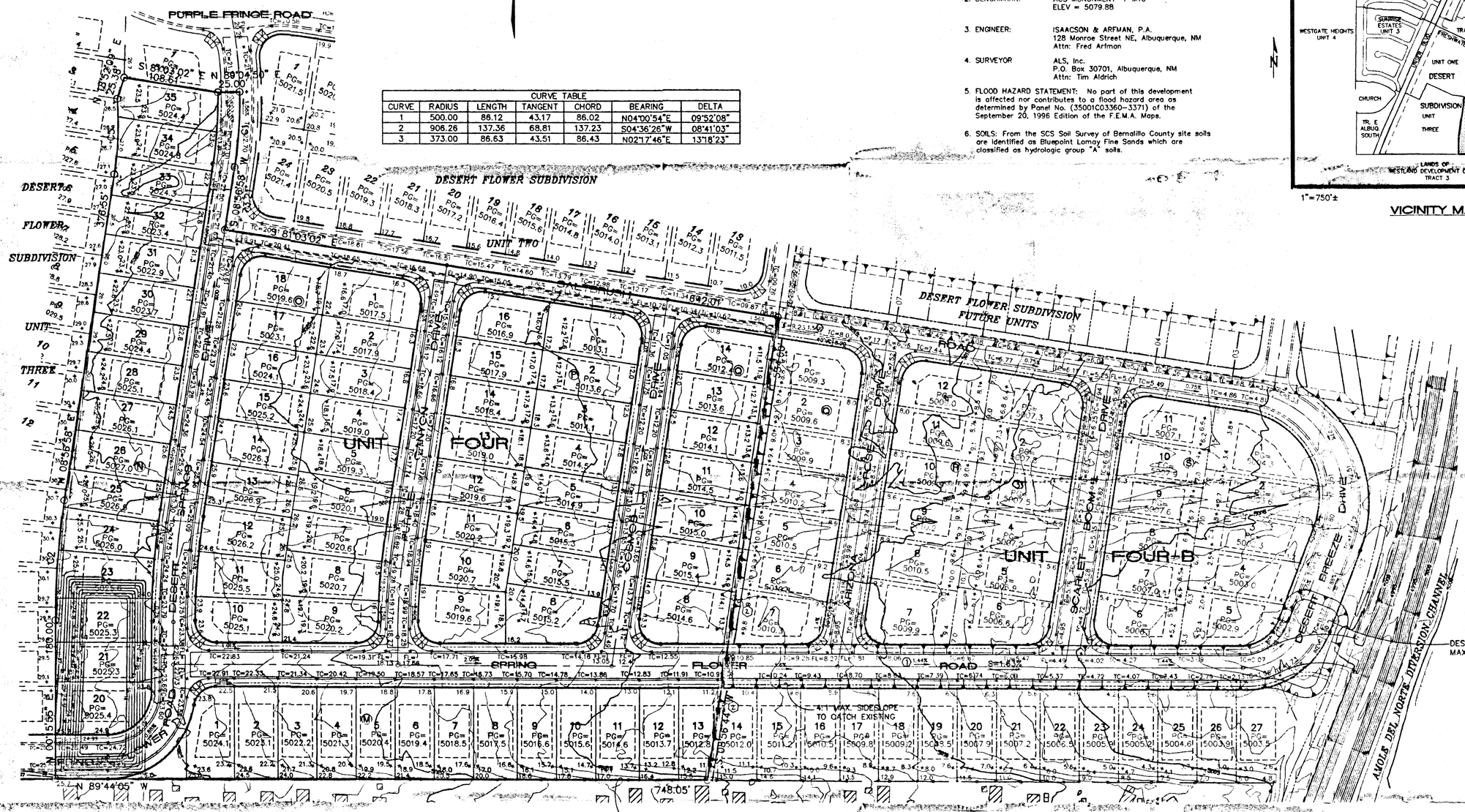


1"=750'±

VICINITY MAP

(M-10)



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LEGEND

5012	EXISTING CONTOUR
15	PROPOSED CONTOUR
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	PHASE LINE

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
023GRD.DWGems 09/21/98

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY MJC DATE 07/98
DRAWN BY EMS DATE 07/98
CHECKED BY FCA DATE 07/98

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: DESERT FLOWER SUBDIVISION--UNIT FOUR
GRADING & DRAINAGE PLAN

Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

RECEIVED SEP 28 1998 HYDROLOGY SECTION

City Project No. | Zone Map No. | Sheet 1 Of 1

SURVEY INFORMATION
FIELD NOTES

1	ALS	5/96

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ELEV. = 5035.84

AS-BUILT INFORMATION

CONTRACTOR
STAKED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
MAPS CORRECTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7822 REGISTERED PROFESSIONAL ENGINEER
09-22-98

SCALE:
1"=60'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
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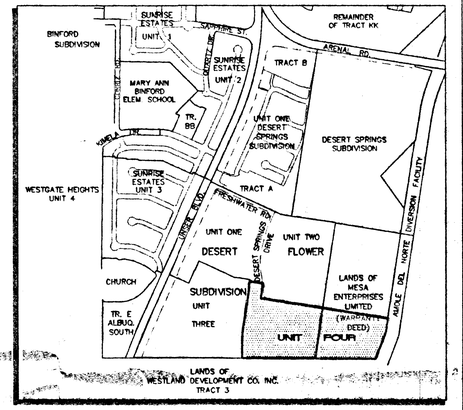
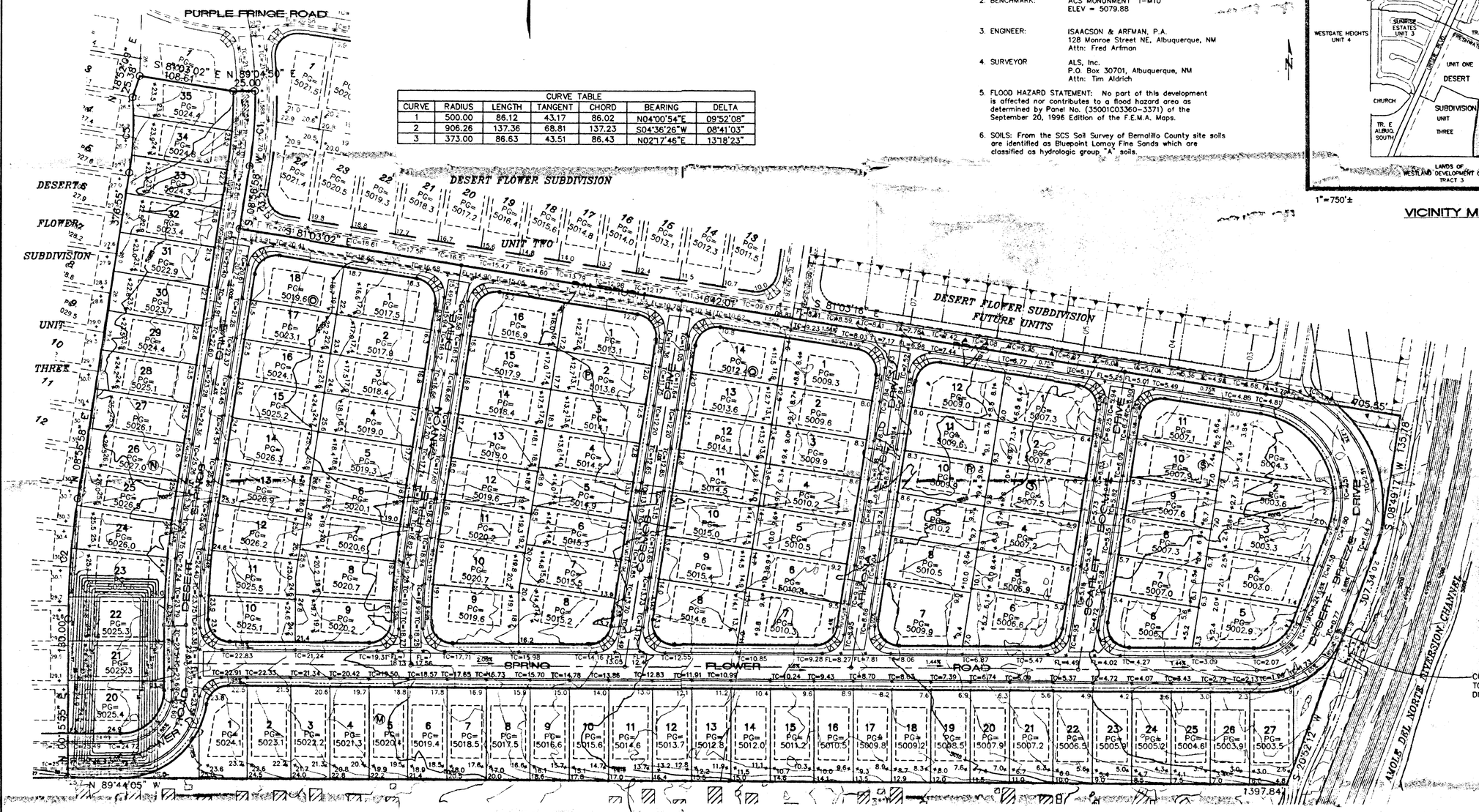


1"=750'±

(M-10)

VICINITY MAP



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	EROSION CONTROL BERM
	RETAINING WALL

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
023GRD.DWGems 08/31/98

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: DESERT FLOWER SUBDIVISION--UNIT FOUR
GRADING & DRAINAGE PLAN

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

City Project No. | Zone Map No. | Sheet 1 Of 1

AS-BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY		DATE
INSPECTED BY		
ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
RQ.	

BENCH MARKS

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ELEV. = 5035.84

SURVEY INFORMATION

FIELD NOTES		
1	ALS	5/96

ENGINEER'S SEAL

FRED C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER
08/31/98

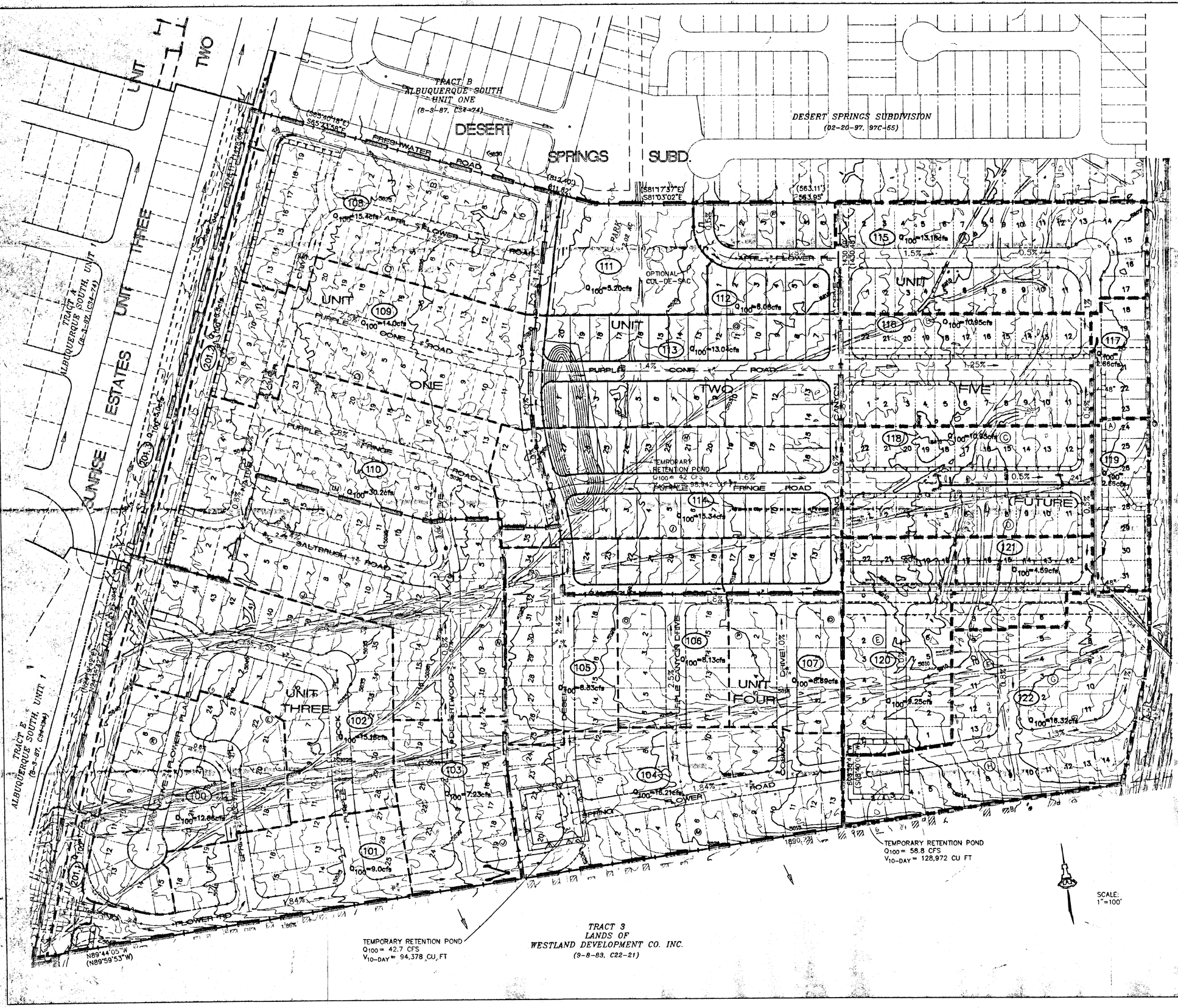
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

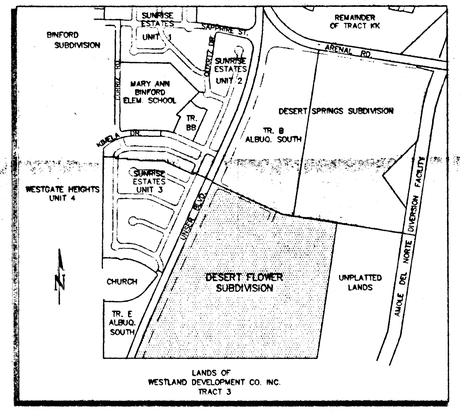
		DATE
DESIGNED BY	MJC	07/98
DRAWN BY	EMS	07/98
CHECKED BY	FCA	07/98

MASTER DRAINAGE PLAN
FOR
DESERT FLOWER SUBDIVISION
UNITS ONE THROUGH FIVE

CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

APRIL 1997





1"=750'±

VICINITY MAP

(M-10)

LEGEND

	UNIT BOUNDARY
	PROPERTY LINE
5030	EXISTING CONTOUR
101	PROPOSED DRAINAGE BASIN
	DRAINAGE BASIN BOUNDARY
	FLOW ARROW
	WATER BLOCK
	PROPOSED INLET
	PROPOSED STORM DRAIN MH
18"=SD	PROPOSED STORM DRAIN
24" FUTURE SD	FUTURE STORM DRAIN

ONSITE MASTER DRAINAGE PLAN

FRED C. ARFMAN
STATE OF NEW MEXICO
7322
REGISTERED PROFESSIONAL ENGINEER

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

930MSDP3.DWGarms | 6/4/98

FIGURE 1

SCALE: 1"=60'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
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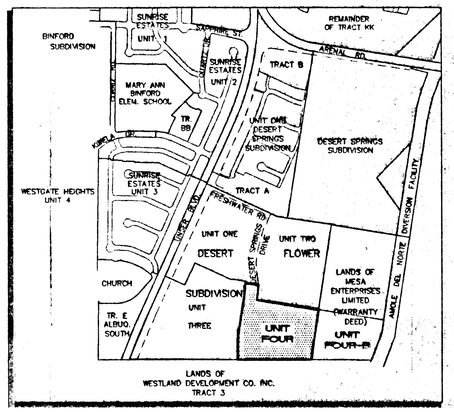

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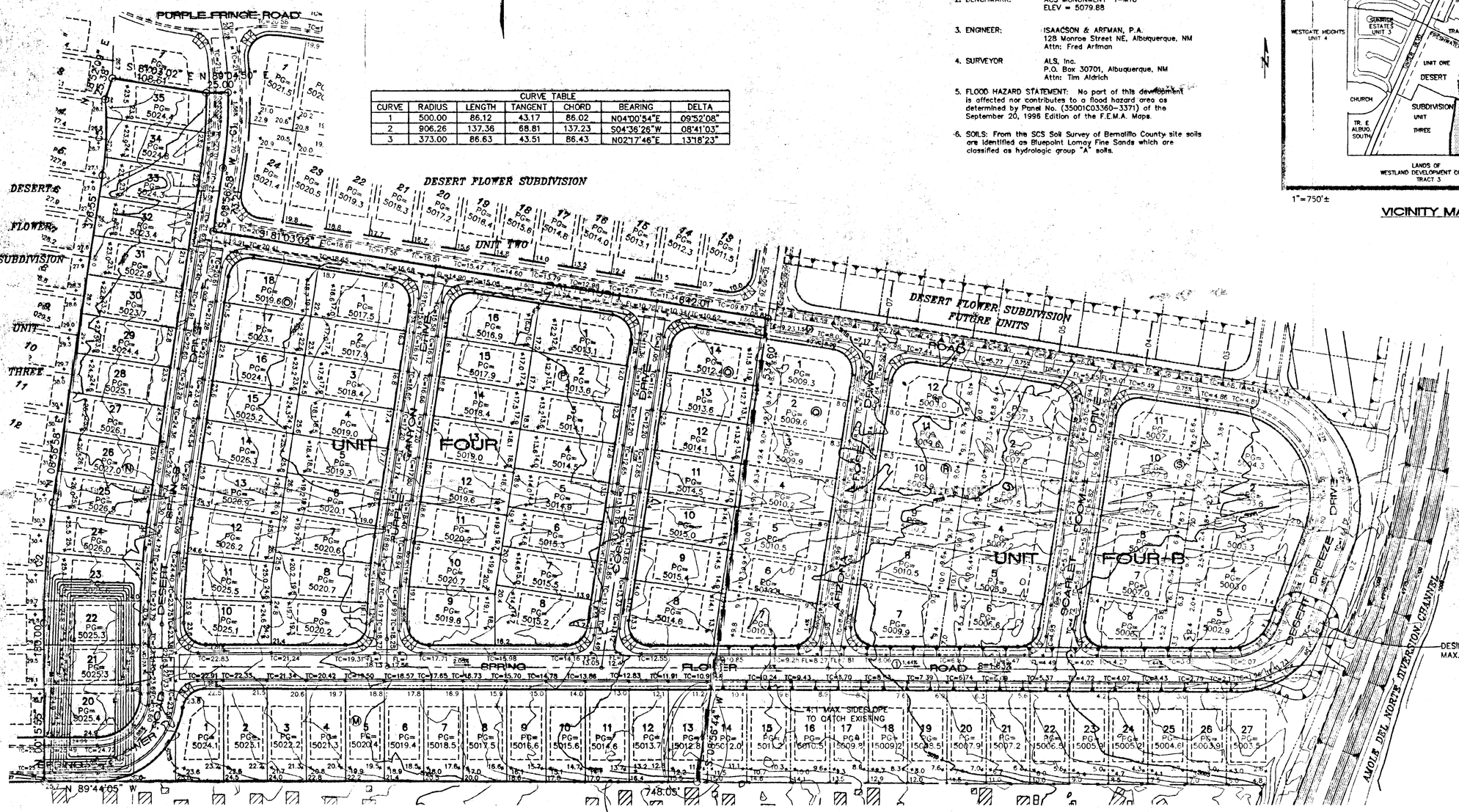
VICINITY MAP

(M-10)



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AS-BUILT INFORMATION

CONTRACTOR / WORK STAKED BY / INSPECTOR'S ACCEPTANCE BY / FIELD VERIFICATION BY / DRAWINGS CORRECTED BY — DATE

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MICRO-FILM INFORMATION

RECORDED BY — DATE
NO. — DATE

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	ALS	5/96

ENGINEER'S SEAL

FRED C. ARFMAN STATE OF NEW MEXICO 7522 REGISTERED PROFESSIONAL ENGINEER
09-21-98

NO.	DATE	REMARKS	BY
1	07/98	REVISIONS	

DESIGNED BY MJC DATE 07/98
DRAWN BY EMS DATE 07/98
CHECKED BY FCA DATE 07/98

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

023GRD.DWGems 09/21/98

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: DESERT FLOWER SUBDIVISION--UNIT FOUR

GRADING & DRAINAGE PLAN

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

City Project No. | Zone Map No. | Sheet 1 Of 1