SUNPORT PARK - PHASE I
BLOCKS 4-A AND 4-B
DRAINAGE PLAN

SCALE 1"=60'

AREA A-6-A OF THE MASTER DRAINAGE PLAN

AREA A-7 OF THE MASTER DRAINAGE PLAN

AREA A-9 OF THE MASTER DRAINAGE PLAN

TO EXISTING DRAINAGE SYSTEM DESIGN FLOW 58.5 CFS CAPACITY FROM SUNPORT PARK MASTER DRAINAGE PLAN.

AP-F Qp=42.85 CFS

AP-G Qp=56.90 CFS

8.3 CFS

4.4 CFS

WOODWARD ROAD

WRD-1

WRD-2

1-A
1.5244 AC.
Qp = 6.80 CFS

LOT 1
1.0365 ACRES

1-4A
1.0365 AC.
Qp = 4.62 CFS

LOT 2
1.0852 ACRES

2-4A
1.0852 AC.
Qp = 4.84 CFS

LOT 1
2.3379 ACRES

1-B
0.8136 AC.
Qp = 3.63 CFS

BLOCK 4-A

SUNPORT PLACE SPL

2-A

3-A

LOT 2
1.2115 ACRES

2-B
1.0700 AC.
Qp = 4.77 CFS

MRD-1

UNIVERSITY BLVD. SE.

TRANSPORTATION SYSTEM MANAGEMENT SE.

TSA

4-A
2.2210 AC.
Qp = 9.91 CFS

LOT 3
2.4000 ACRES

3-B
2.1664 AC.
Qp = 9.66 CFS

LOT 4
4.9047 ACRES

DRAINAGE DIVIDE

4-B
2.6837 AC.
Qp = 11.97 CFS

BLOCK 4-B

MRD-2

AP-A Qp=4.60 CFS

AP-B Qp=9.96 CFS

TO EXISTING DRAINAGE SYSTEM SERVICING SUNPORT BLVD.

TO AIRPORT

MRD-3

MAINTENANCE ROAD

TSB

MRD-4

AP-C Qp=20.70 CFS

SUNPORT BOULEVARD SE.

EXISTING INLETS & STORM DRAIN SYSTEM - CONSTRUCTED WITH SUNPORT BOULEVARD PROJECT, CAPACITY = 45.4 CFS

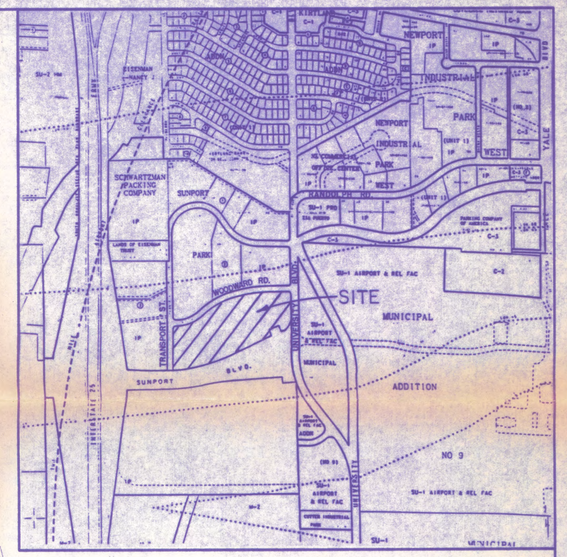
AP-E Qp=35.76 CFS

AP-D Qp=30.97 CFS

EXISTING DRAINAGE DITCH LINED WITH 6" CEMENT TREATED BASE COURSE ON NORTH SIDE OF SUNPORT BLVD. MAINTENANCE ROAD, CONSTRUCTED WITH SUNPORT BLVD. PROJECT.

MAINTENANCE ROAD

SD 48" SD 54" SD 54"



LOCATION MAP
ZONE ATLAS MAP M-15
SCALE: 1" = 1000'

DRAINAGE AREA DATA
(FOR SMALL DRAINAGE AREAS)

DRAINAGE AREA DESIGNATION	AREA (Acres)	Qp (cfs)
WRD-1	1.7697	7.89
WRD-2	0.5023	2.24
SPL	0.9704	4.33
TSA	0.4339	1.94
TSB	0.4008	1.79
2-A	0.1416	0.63
3-A	0.2336	1.04
MRD-1	0.2183	0.97
MRD-2	0.1329	0.59
MRD-3	0.2422	1.08
MRD-4	0.2907	1.30

(SEE PLAN FOR LARGER DRAINAGE AREA DATA)

NOTES

1. SEE MASTER DRAINAGE PLAN FOR EXISTING DOWN STREAM DRAINAGE FACILITIES
2. TO CORRELATE THIS PLAN WITH THE MASTER DRAINAGE PLAN IT IS NOTED THAT ANALYSIS POINT AP-D, AP-E, AP-F, & AP-G SHOWN HEREON ARE THE SAME AS AP-C1, AP-C2, AP-5, & AP-6 RESPECTIVELY AS SHOWN ON THE MASTER DRAINAGE PLAN.

LEGEND

- 1-A — DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY
- AP-A Qp=40.9 CFS — ANALYSIS POINT & 100 YR PEAK RUN-OFF
- DIRECTION OF FLOW - DEVELOPED
- 5095 — EXISTING CONTOUR
- SD — EXISTING STORM DRAIN

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STATE OF NEW MEXICO
7960
JOHN A. ANDREWS
12-26-96

SUNPORT JOINT VENTURE

SUNPORT PARK - PHASE I
BLOCKS 4-A AND 4-B
DRAINAGE PLAN

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

FILE No.	DRAWN	CHECKED	DATE	
96-752	MJR	PJC	DEC. 1996	FIGURE 2