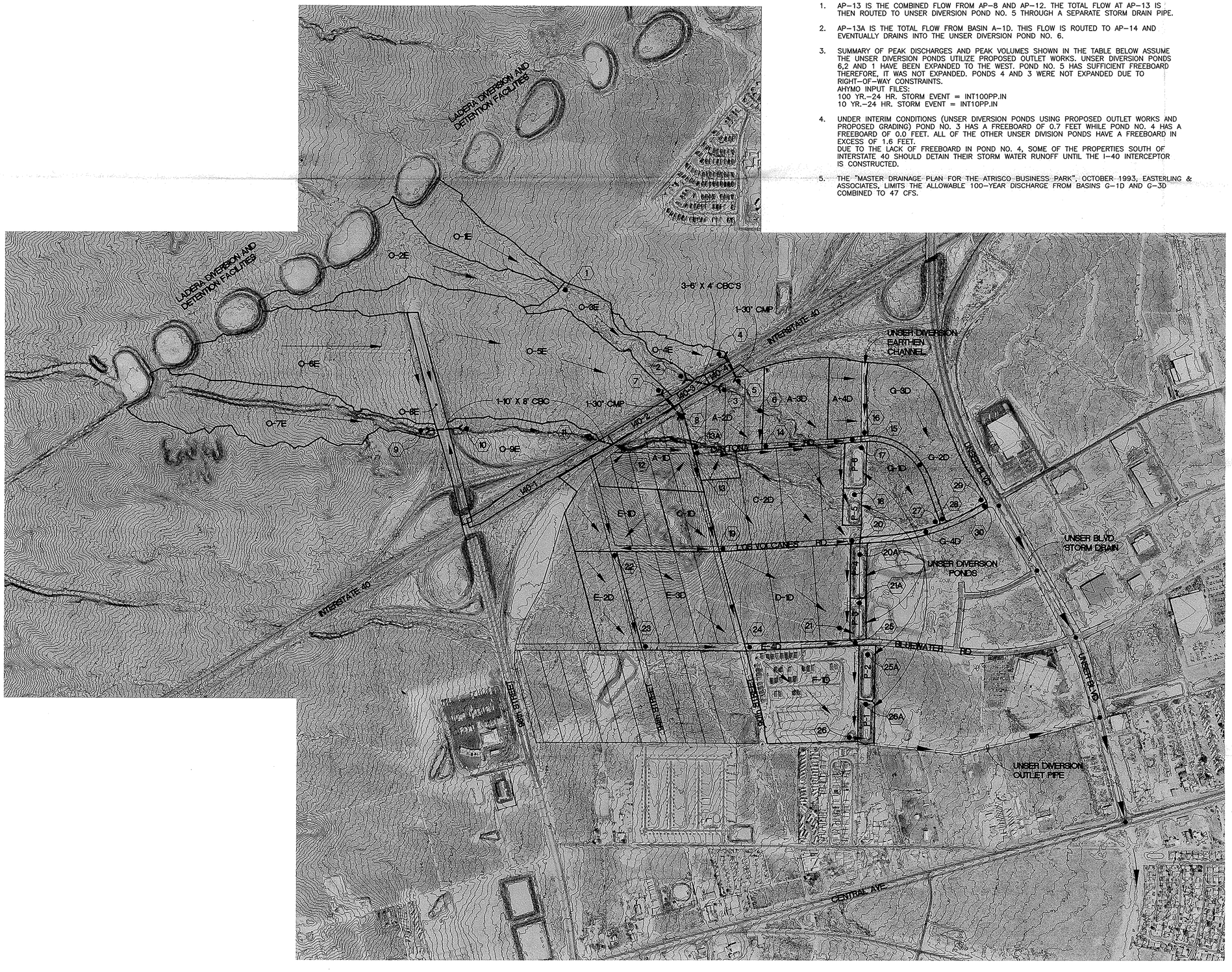

GENERAL NOTES:

1. AP-13 IS THE COMBINED FLOW FROM AP-8 AND AP-12. THE TOTAL FLOW AT AP-13 IS THEN ROUTED TO UNSER DIVERSION POND NO. 5 THROUGH A SEPARATE STORM DRAIN PIPE.
2. AP-13A IS THE TOTAL FLOW FROM BASIN A-1D. THIS FLOW IS ROUTED TO AP-14 AND EVENTUALLY DRAINS INTO THE UNSER DIVERSION POND NO. 6.
3. SUMMARY OF PEAK DISCHARGES AND PEAK VOLUMES SHOWN IN THE TABLE BELOW ASSUME THE UNSER DIVERSION PONDS UTILIZE PROPOSED OUTLET WORKS. UNSER DIVERSION PONDS 6,2 AND 1 HAVE BEEN EXPANDED TO THE WEST. POND NO. 5 HAS SUFFICIENT FREEBOARD THEREFORE, IT WAS NOT EXPANDED. PONDS 4 AND 3 WERE NOT EXPANDED DUE TO RIGHT-OF-WAY CONSTRAINTS.
   AHYMO INPUT FILES:
   100 YR.-24 HR. STORM EVENT = INT100PP.IN
   10 YR.-24 HR. STORM EVENT = INT10PP.IN
4. UNDER INTERIM CONDITIONS (UNSER DIVERSION PONDS USING PROPOSED OUTLET WORKS AND PROPOSED GRADING) POND NO. 3 HAS A FREEBOARD OF 0.7 FEET WHILE POND NO. 4 HAS A FREEBOARD OF 0.0 FEET. ALL OF THE OTHER UNSER DIVISION PONDS HAVE A FREEBOARD IN EXCESS OF 1.6 FEET.
   DUE TO THE LACK OF FREEBOARD IN POND NO. 4, SOME OF THE PROPERTIES SOUTH OF INTERSTATE 40 SHOULD DETAIN THEIR STORM WATER RUNOFF UNTIL THE I-40 INTERCEPTOR IS CONSTRUCTED.
5. THE "MASTER DRAINAGE PLAN FOR THE ATRISCO BUSINESS PARK", OCTOBER 1993, EASTERLING & ASSOCIATES, LIMITS THE ALLOWABLE 100-YEAR DISCHARGE FROM BASINS G-1D AND G-3D COMBINED TO 47 CFS.

LEGEND:

- FLOW DIRECTION
- O-3E BASIN IDENTIFICATION
- 4 ANALYSIS POINT
- EXISTING CULVERT

SUMMARY OF PEAK DISCHARGES AND PEAK VOLUMES

ANALYSIS POINT	Q(10) (24hr.) (cfs)	V(10) (24 hr.) (ac.ft.)	Q(100) (24 hr.) (cfs)	V(100) (24 hr.) (ac.ft.)
1	8	0.3	42	1.6
2	7	0.4	76	2.6
3	8	0.4	82	2.7
4	2	0.1	8	0.2
5	3	0.1	10	0.3
6	10	0.5	88	3.0
7	14	0.7	63	2.8
8	15	0.8	38	2.4
9	13	0.6	71	2.9
10	27	1.3	93	4.1
11	28	1.5	114	5.1
12	32	1.8	123	5.5
13	46	2.5	159	7.9
13A	36	1.6	59	2.6
14	86	4.1	176	8.8
15	122	5.9	230	11.7
16	18	0.8	29	1.3
17*	141	6.7	259	13.1
18**	45	2.6	156	8.0
19	14	0.6	24	1.0
20	82	3.6	142	6.1
20A***	104	12.9	238	27.3
21	58	2.4	99	4.2
21A****	82	15.2	138	31.5
22	39	1.7	64	2.9
23	66	3.0	106	4.9
24	116	5.2	192	8.7
25	121	5.5	197	9.1
25A*****	143	20.7	234	40.6
26	48	2.1	82	3.5
26A******	50	21.7	119	43.2
27*******	36	1.6	56	2.5
28	5	0.2	8	0.3
29*******	49	2.4	78	3.9
30	10	0.4	16	0.7

* TOTAL FLOW INTO UNSER DIVERSION POND NO. 6

** TOTAL FLOW INTO UNSER DIVERSION POND NO. 5

*** TOTAL FLOW INTO UNSER DIVERSION POND NO. 4

**** TOTAL FLOW INTO UNSER DIVERSION POND NO. 3

***** TOTAL FLOW INTO UNSER DIVERSION POND NO. 2

****** TOTAL FLOW INTO UNSER DIVERSION POND NO. 1

******* SEE GENERAL NOTE 5

N

500' 250' 0 500' 1000'

SCALE: 1" = 500'

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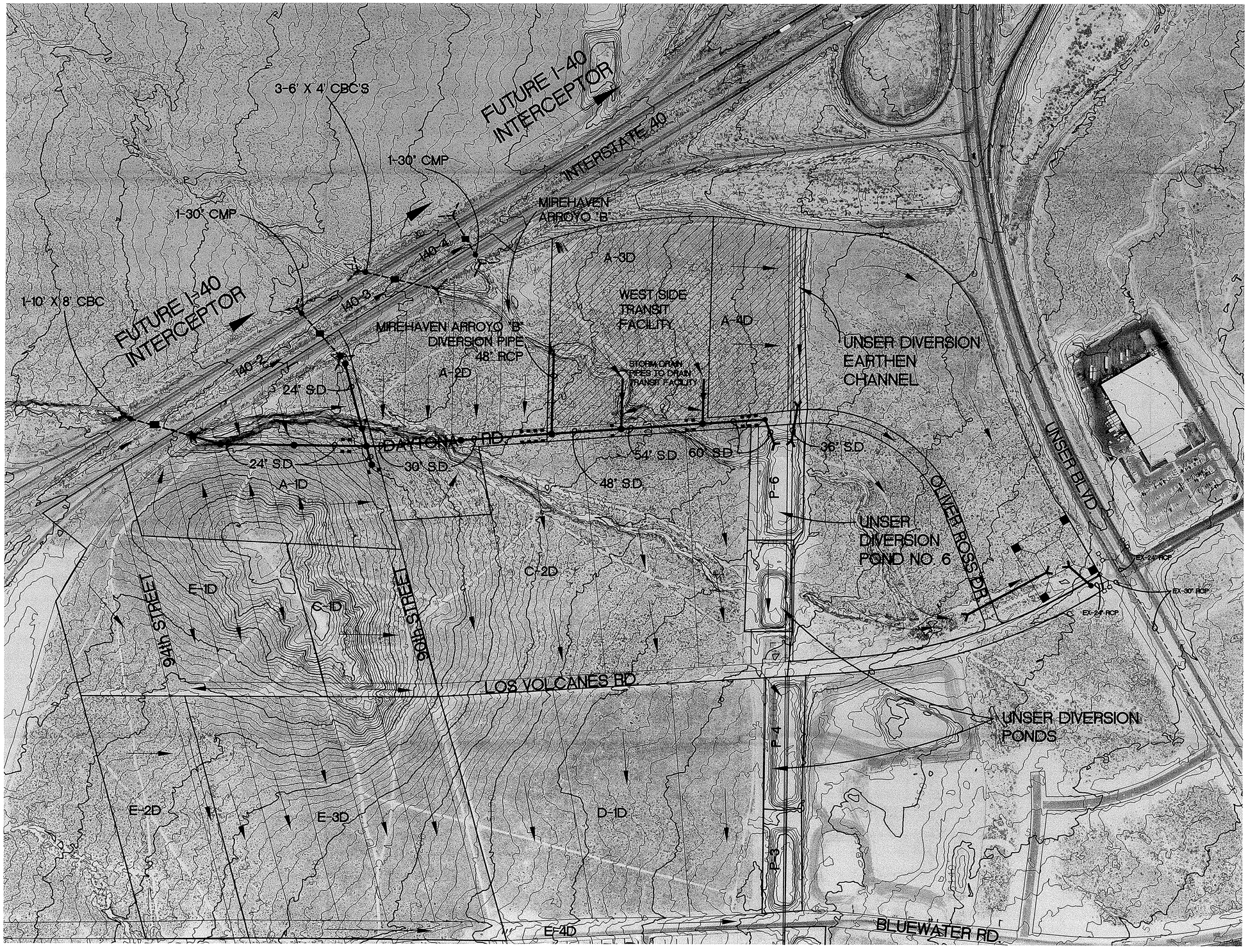
WEST SIDE TRANSIT FACILITY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
HYDROLOGY DEVELOPMENT GROUP

DEVELOPED INTERIM CONDITIONS DRAINAGE AREA MAP

PROJECT NUMBER:	DRAWN BY:	DESIGNED BY:	DATE:	MAP NO:
100300	EAD	DLA	2/01	3



LEGEND:

- FLOW DIRECTION
- O-3E — BASIN IDENTIFICATION
- DRAINAGE BASIN BOUNDARY
- STORM DRAIN LINE W/ MANHOLE
- INLET
- EXISTING STORM DRAIN
- EXISTING STORM DRAIN INLET
- EXISTING CULVERT

GENERAL NOTE:

1. THE STORM DRAIN SHOWN ON THIS MAP IS DESIGNED FOR FULLY DEVELOPED CONDITIONS INCLUDING EXISTING OFFSITE FLOWS IN THE MIREHAVEN ARROYO "B".

N

100' 0 200' 400'
SCALE: 1" = 200'

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HYDROLOGY DEVELOPMENT GROUP

DAYTONA ROAD STORM DRAIN MASTER PLAN

PROJECT NUMBER:	DRAWN BY:	DESIGNED BY:	DATE:	MAP NO:
100300	EAD	DLA	2/01	5