

Facility 2									
OWNER	OWNER ADDRESS	OWNER CITY	OWNER STATE	OWNER ZIP CODE	LEGAL	ACRES	NUMBER	STREET NAME	DESIGNATION
SDMK PROPERTY COMPANY LLC	6211 SAN MATEO BL VD NE SUITE 100	ALBUQUERQUE	NM	87109	TR 1 FLAT OF TRACTS 1 & 2 LANDS OF SANDIA FOUNDATION CONT 1.8044 AC	1.80	830	BROADWAY	BLVD
									NE

LEGEND

- EXISTING STORM DRAIN & SWMM MODEL PIPES

B2

SUBCATCHMENT NAME

—

PROPOSED DRAINAGE FACILITY

F1

PROPOSED DRAINAGE FACILITY NAME

—

FACILITY PHASE LIMIT

F1.1

FACILITY PHASE NUMBER
(LOWEST NUMBER IS HIGHEST PRIORITY)
- FEMA FLOOD ZONE TYPES:

■

ZONE A

■

ZONE AE

■

ZONE AH

■

ZONE AO

■

ZONE X

CONCEPTUAL LEVEL COST ESTIMATE

F2.1	\$	1,006,000
F2.2	\$	1,666,000
F2.3	\$	72,000
TOTAL	\$	2,744,000 *

* A POND BOTTOM LINER MAY BE REQUIRED TO AVOID STORM WATER SEEPAGE INTO THE GROUNDWATER. THIS COULD BE AN ADDITIONAL \$200,000 THAT IS NOT INCLUDED IN THE FACILITY 2 ESTIMATE, AS THIS IS UNCERTAIN AT THIS TIME.

F10 \$ (2,451,000)
(SELL POND PROPERTY)

F11 \$ 12,607,000
(BUILD NEW BROADWAY PUMP STATION)

SUMMARY OF STREET PONDING DEPTHS FOR EXIST. DEVELOPMENT CONDITIONS AND PROPOSED DRAINAGE FACILITIES, 100-YR. 24-HR. STORM

- COA15184 MANHOLE STREET PONDING DEPTH GREATER THAN 1-FT
- COA7650 MANHOLE STREET PONDING DEPTH BETWEEN 0.5-FT AND 1-FT DEEP
- COA6045 MANHOLE STREET PONDING DEPTH BETWEEN 0-FT AND 0.5-FT DEEP

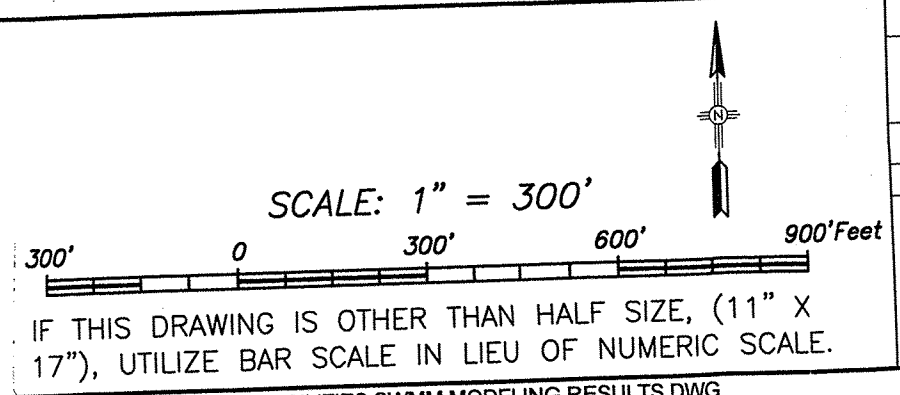
MID-VALLEY DRAINAGE MANAGEMENT PLAN

FOR THE CITY OF ALBUQUERQUE & ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

APRIL 2012

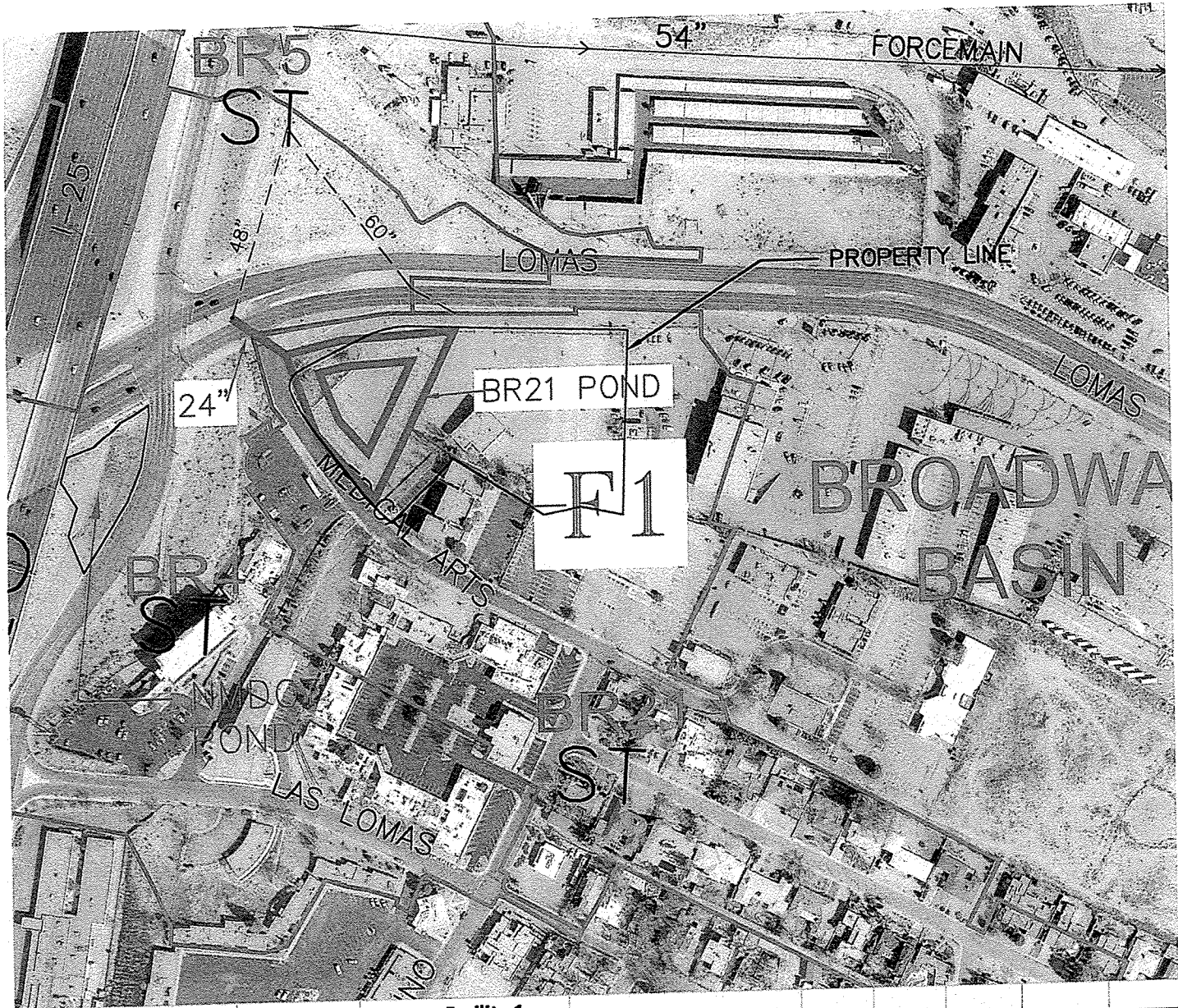
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**PROPOSED FACILITIES
F2, F10 & F11
FIGURE 1**



CONCEPTUAL LEVEL COST ESTIMATE

F1 \$808,000



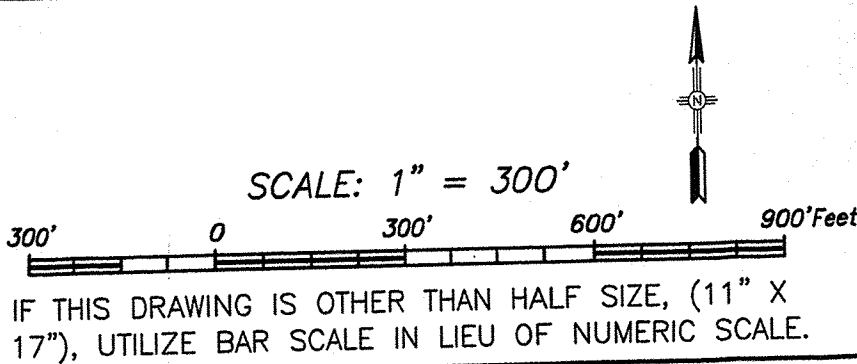
Facility 1									
OWNER	OWNER ADDRESS	OWNER CITY	OWNER STATE	OWNER ZIP CODE	LEGAL	ACRES	NUMBER	STREET NAME	DESIGNATION
REGENTS OF UNM REAL ESTATE DEPT	MSC06-3595-1 UNIVERSITY OF NM	ALBUQUERQUE	NM	87131	TR K-1A1 PLAT SUBD OF TR K-2 & PORT K-1A LANDS OF SOUTH WESTERN CONSTRUCTION	3.89	1000	LOMAS	BLVD

MAX. POND AREA
(acres)
0.65

LEGEND

- EXISTING STORM DRAIN & SWMM MODEL PIPES
- B2 SUBCATCHMENT NAME
- PROPOSED DRAINAGE FACILITY
- F1 PROPOSED DRAINAGE FACILITY NAME
- FACILITY PHASE LIMIT
- F1.1 FACILITY PHASE NUMBER (LOWEST NUMBER IS HIGHEST PRIORITY)

- FEMA FLOOD ZONE TYPES:
- ZONE A
- ZONE AE
- ZONE AH
- ZONE AO
- ZONE X



MID-VALLEY DRAINAGE MANAGEMENT PLAN

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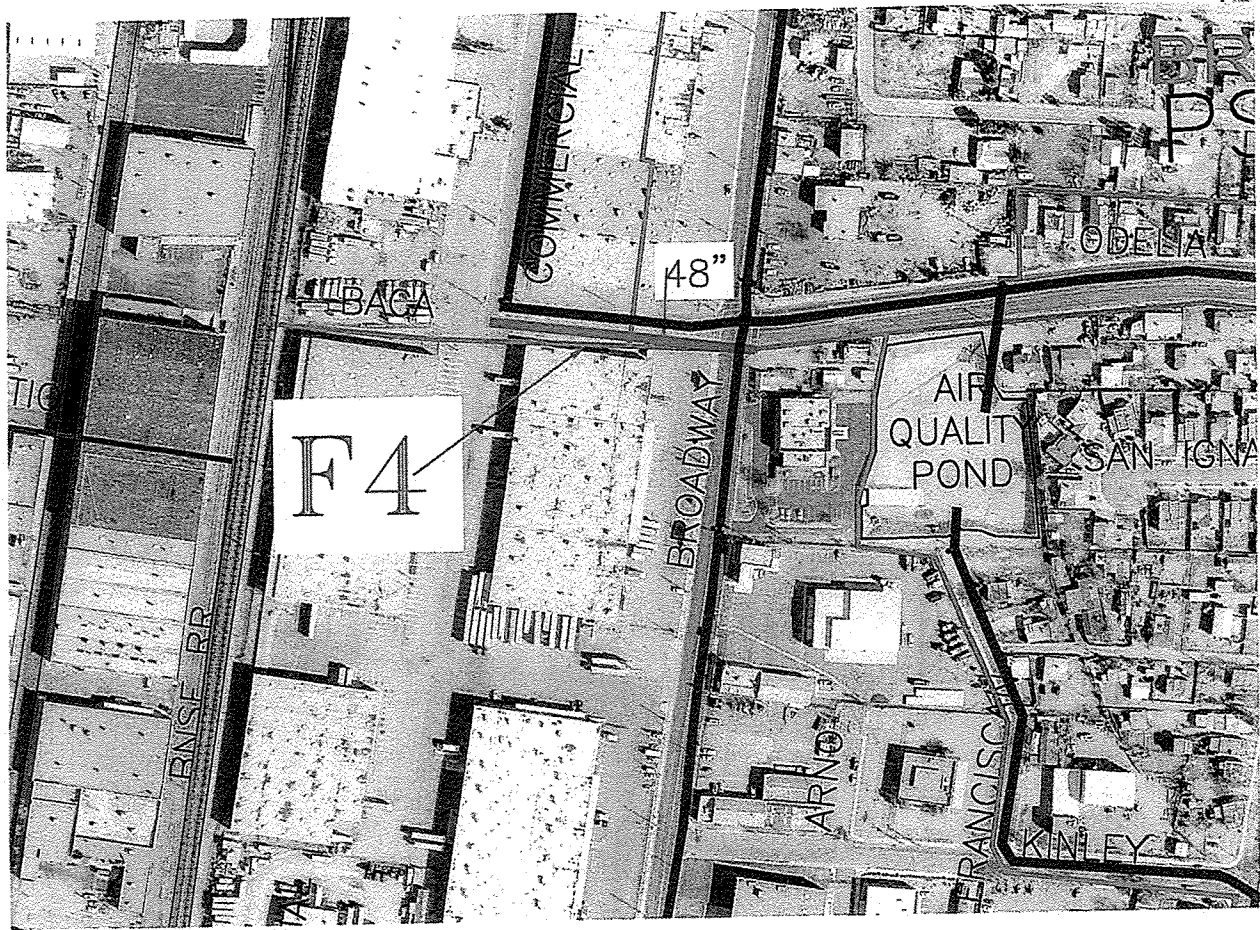
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FACILITY
F1
FIGURE 2

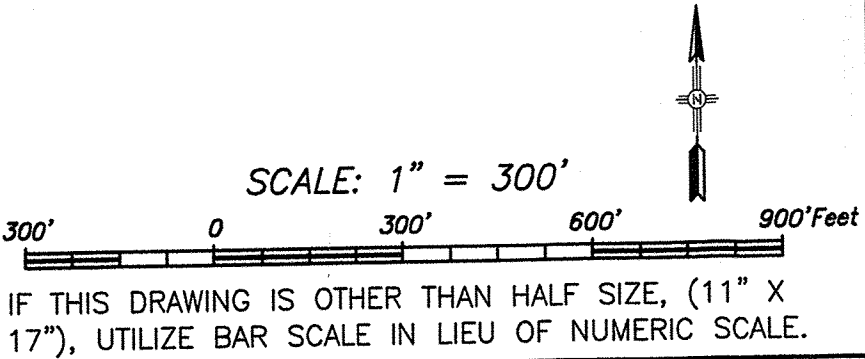
CONCEPTUAL LEVEL COST ESTIMATE

F4 \$334,000



LEGEND

	EXISTING STORM DRAIN & SWMM MODEL PIPES		FEMA FLOOD ZONE TYPES:
	B2 SUBCATCHMENT NAME		ZONE A
	PROPOSED DRAINAGE FACILITY		ZONE AE
	F1 PROPOSED DRAINAGE FACILITY NAME		ZONE AH
	FACILITY PHASE LIMIT		ZONE AO
	F1.1 FACILITY PHASE NUMBER (LOWEST NUMBER IS HIGHEST PRIORITY)		ZONE X



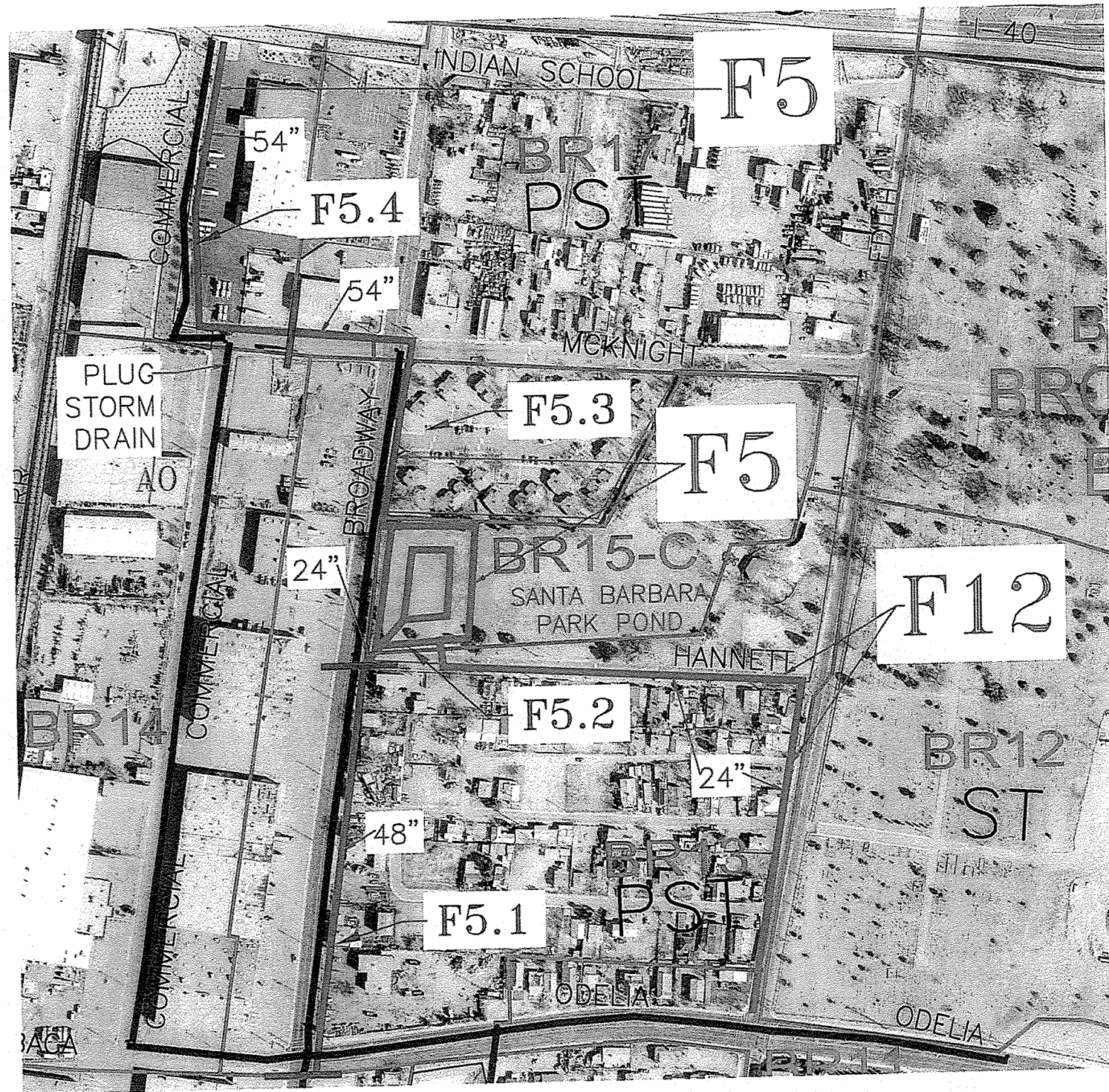
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FACILITY
4
FIGURE 3

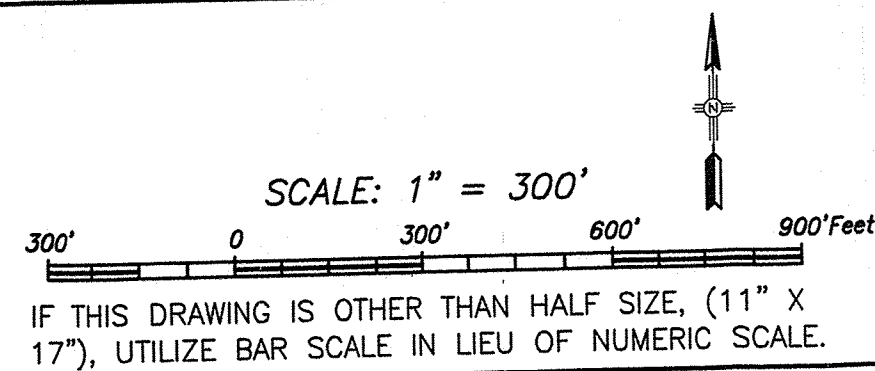


CONCEPTUAL LEVEL COST ESTIMATE

F5.1	\$	722,000
F5.2	\$	771,000
F5.3	\$	606,000
F5.4	\$	763,000
		<hr/>
TOTAL	\$	2,862,000
F12	\$	746,000

LEGEND

	EXISTING STORM DRAIN & SWMM MODEL PIPES		FEMA FLOOD ZONE TYPES:
	B2 SUBCATCHMENT NAME		ZONE A
	PROPOSED DRAINAGE FACILITY		ZONE AE
	F1 PROPOSED DRAINAGE FACILITY NAME		ZONE AH
	FACILITY PHASE LIMIT		ZONE AO
	F1.1 FACILITY PHASE NUMBER (LOWEST NUMBER IS HIGHEST PRIORITY)		ZONE X



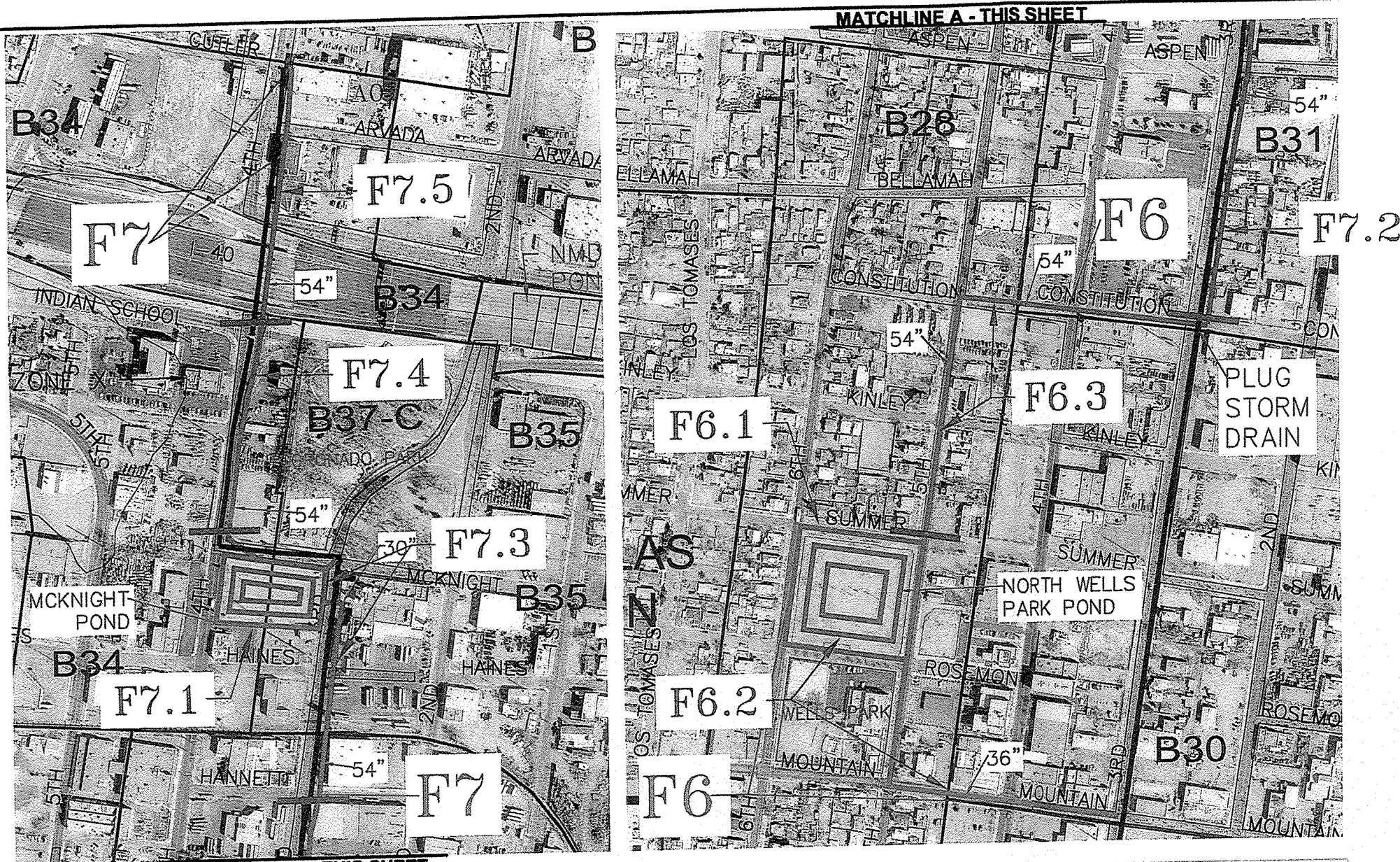
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**FACILITIES
5 & 12
FIGURE 4**



CONCEPTUAL LEVEL COST ESTIMATE

F6.1	\$	2,016,000
F6.2	\$	2,422,000
F6.3	\$	1,242,000
TOTAL		\$ 5,680,000

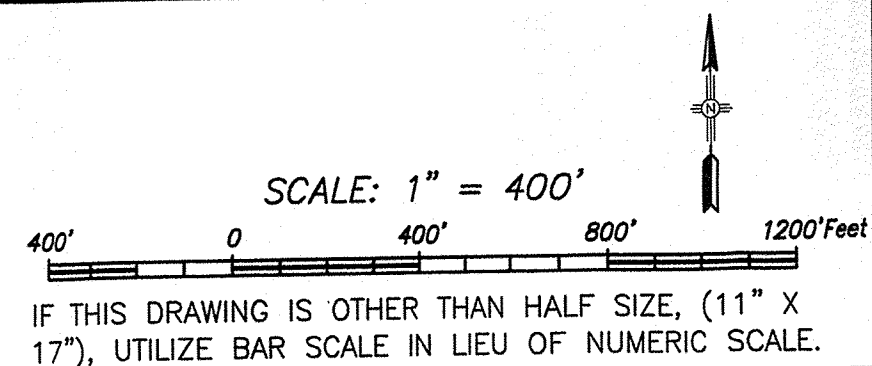
F7.1	\$	1,054,000
F7.2	\$	955,000
F7.3	\$	1,574,000
F7.4	\$	655,000
F7.5	\$	729,000
TOTAL		\$ 4,967,000

MATCHLINE A - THIS SHEET

Facility 6									
OWNER	OWNER ADDRESS	OWNER CITY	OWNER STATE	OWNER ZIPCODE	LEGAL	ACRES	NUMBER	STREET NAME	DESIGNATION QUADRANT
WALKER REMMEL H & ANNE DAVIS TRUSTEE FOR REVOCABLE TRUST	PO BOX 700	ARROYO SECO	NM	87514	* 007 005A MOORE ADD L 7 & 8	2.276056		5TH & Summer	
Facility 7									
OWNER	OWNER ADDRESS	OWNER CITY	OWNER STATE	OWNER ZIPCODE	LEGAL	ACRES	NUMBER	STREET NAME	DESIGNATION QUADRANT
PERRY GEORGE M III & LEEANNE F	1124 E 19TH ST	TULSA	OK	74120	LTS 1 THRU 14 BLK 1 FRANCISCAN ADD N	1.1898754	1916	4TH ST	NW

LEGEND

EXISTING STORM DRAIN & SWMM MODEL PIPES		FEMA FLOOD ZONE TYPES:	
B2	SUBCATCHMENT NAME	ZONE A	
	PROPOSED DRAINAGE FACILITY	ZONE AE	
F1	PROPOSED DRAINAGE FACILITY NAME	ZONE AH	
	FACILITY PHASE LIMIT	ZONE AO	
F1.1	FACILITY PHASE NUMBER (LOWEST NUMBER IS HIGHEST PRIORITY)	ZONE X	



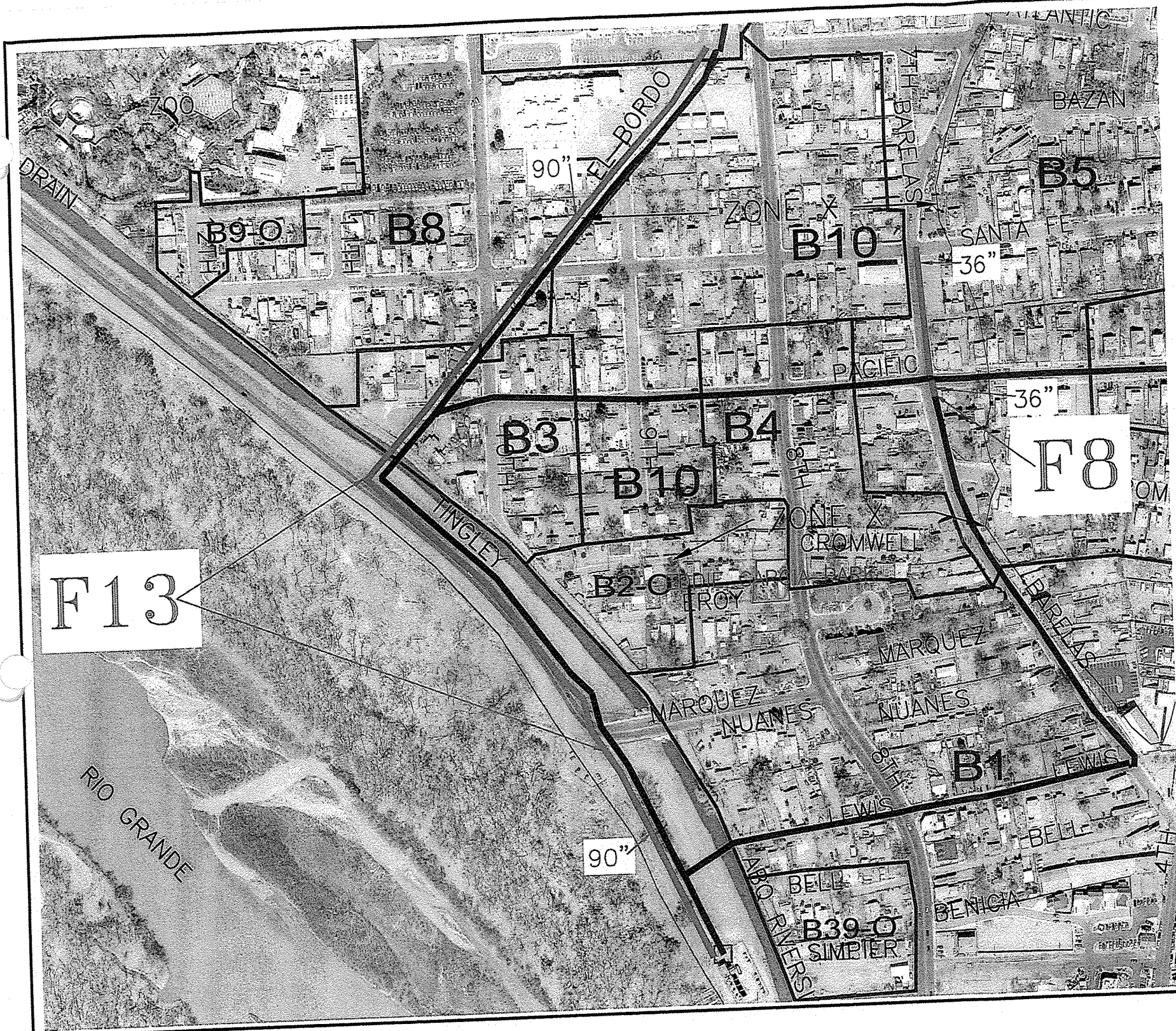
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FACILITIES
F6 AND F7
FIGURE 5

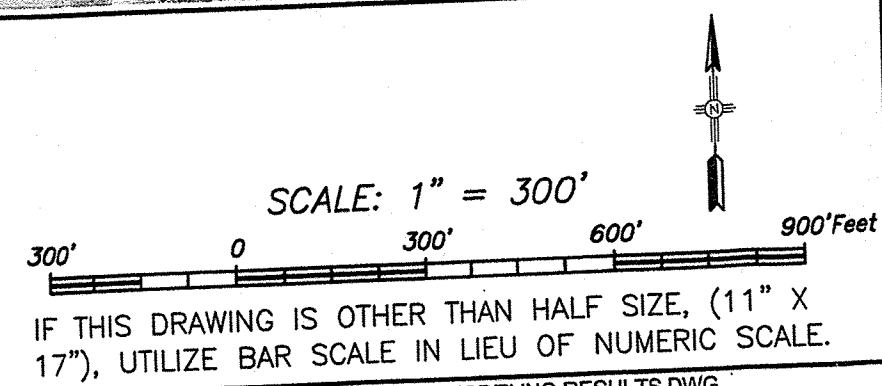


CONCEPTUAL LEVEL COST ESTIMATE

F8	\$ 215,000 (CROSS-CONNECT BARELAS STORM DRAIN AND PACIFIC STORM DRAIN)
F13	\$1,484,000

LEGEND

	EXISTING STORM DRAIN & SWMM MODEL PIPES		FEMA FLOOD ZONE TYPES:
	B2 SUBCATCHMENT NAME		ZONE A
	PROPOSED DRAINAGE FACILITY		ZONE AE
	PROPOSED DRAINAGE FACILITY NAME		ZONE AH
	F1 FACILITY PHASE LIMIT		ZONE AO
	F1.1 FACILITY PHASE NUMBER (LOWEST NUMBER IS HIGHEST PRIORITY)		ZONE X



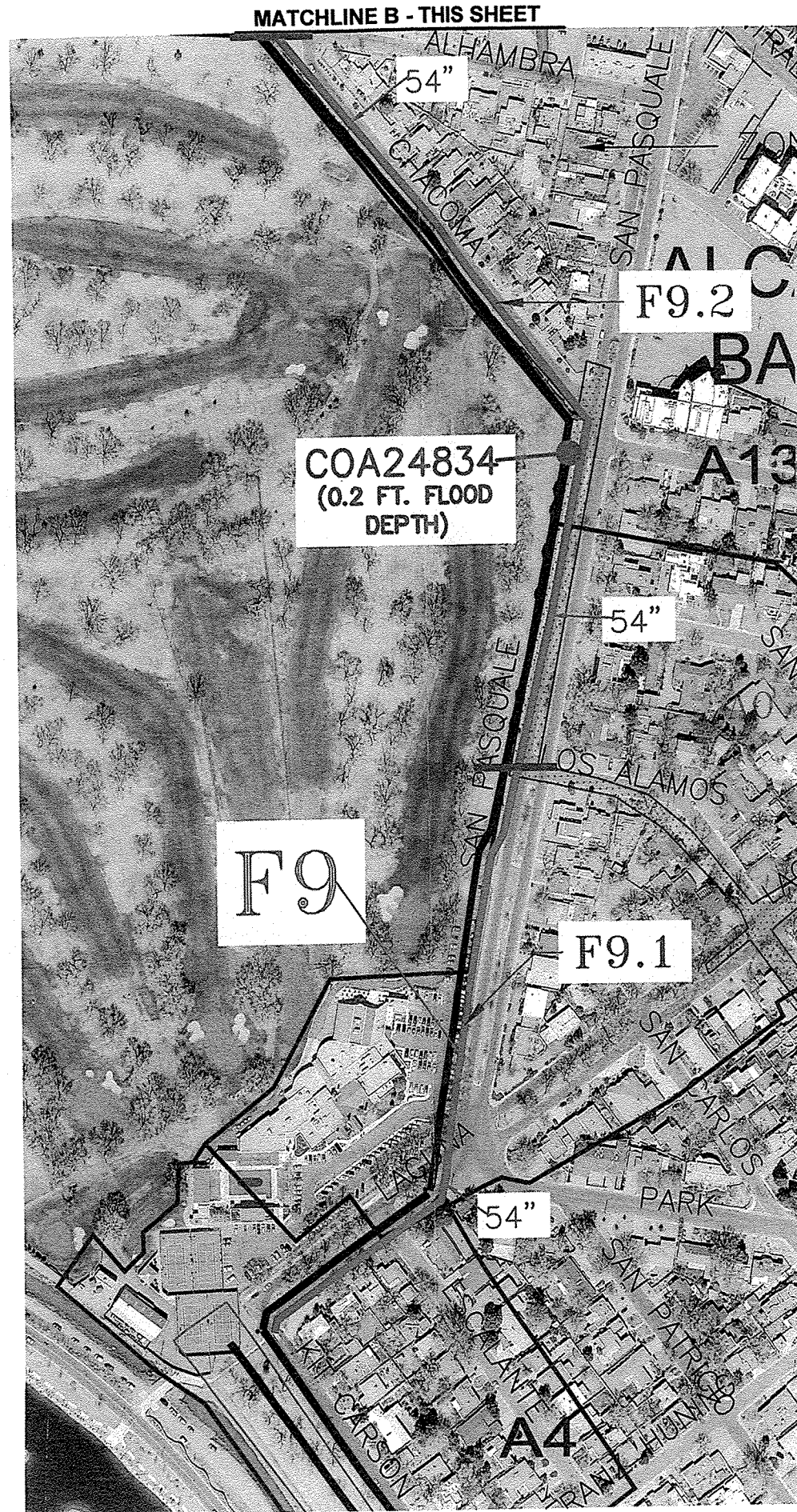
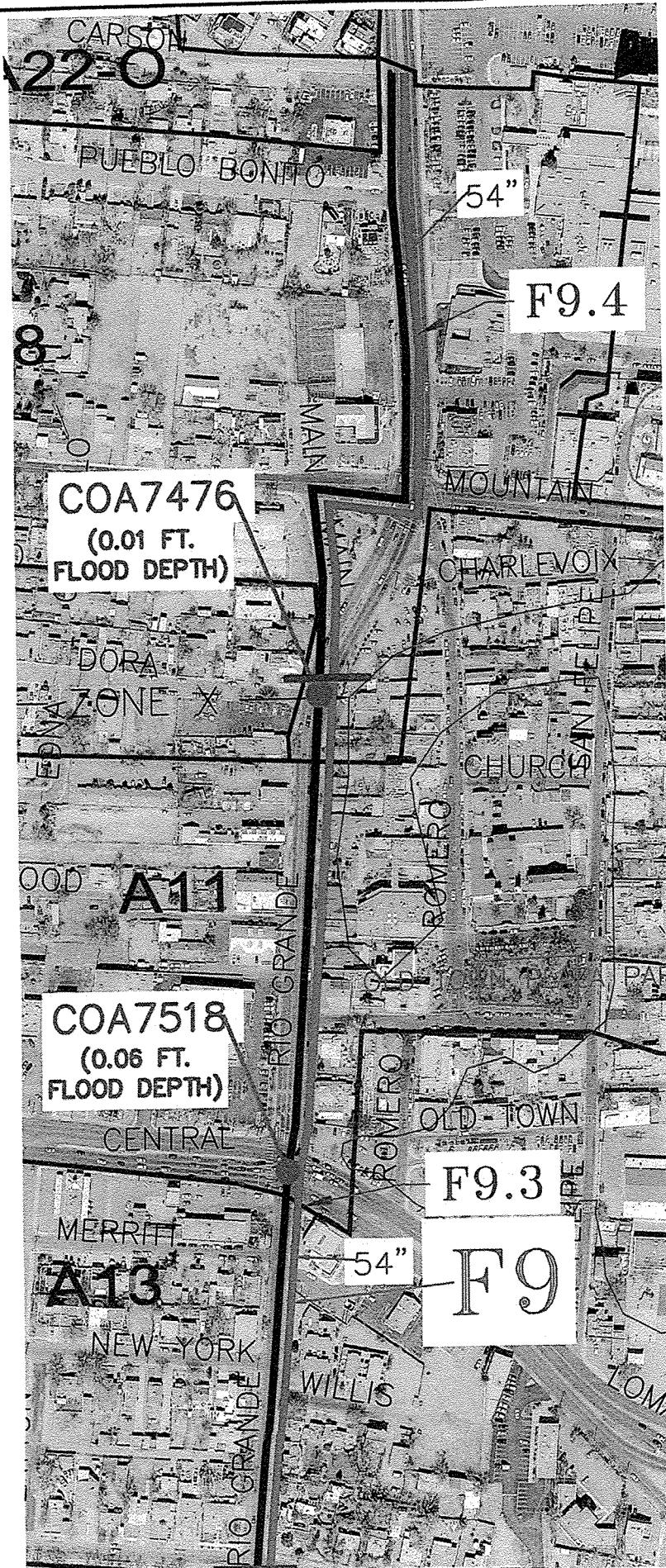
MID-VALLEY DRAINAGE MANAGEMENT PLAN

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**FACILITIES
F8 AND F13
FIGURE 6**



LEGEND

- EXISTING STORM DRAIN & SWMM MODEL PIPES
- B2 SUBCATCHMENT NAME
- PROPOSED DRAINAGE FACILITY
- F1 PROPOSED DRAINAGE FACILITY NAME
- FACILITY PHASE LIMIT
- F1.1 FACILITY PHASE NUMBER (LOWEST NUMBER IS HIGHEST PRIORITY)

FEMA FLOOD ZONE TYPES:

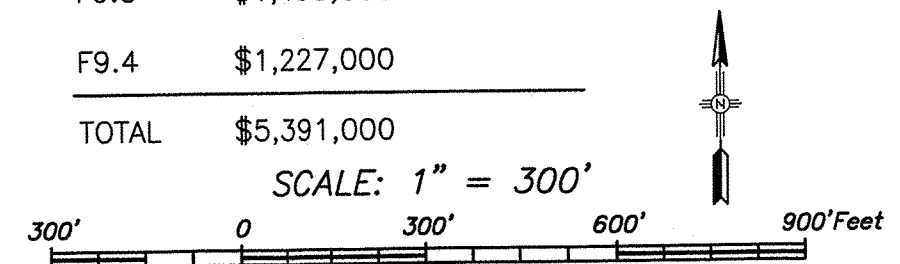
- ZONE A
- ZONE AE
- ZONE AH
- ZONE AO
- ZONE X

SUMMARY OF STREET PONDING DEPTHS FOR EXIST. DEVELOPMENT CONDITIONS AND PROPOSED DRAINAGE FACILITIES, 100-YR. 24-HR. STORM

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- COA7650 MANHOLE STREET PONDING DEPTH BETWEEN 0.5-FT AND 1-FT DEEP
- COA6045 MANHOLE STREET PONDING DEPTH BETWEEN 0-FT AND 0.5-FT DEEP

CONCEPTUAL LEVEL COST ESTIMATE

F9.1	\$1,178,000
F9.2	\$1,491,000
F9.3	\$1,495,000
F9.4	\$1,227,000
TOTAL	\$5,391,000



IF THIS DRAWING IS OTHER THAN HALF SIZE, (11" X 17"), UTILIZE BAR SCALE IN LIEU OF NUMERIC SCALE.

MID-VALLEY DRAINAGE MANAGEMENT PLAN

FOR THE CITY OF ALBUQUERQUE & ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

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FACILITY F9

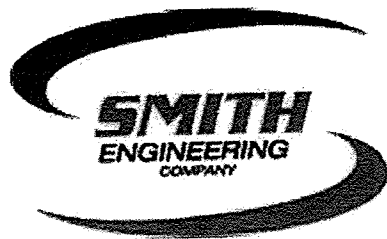
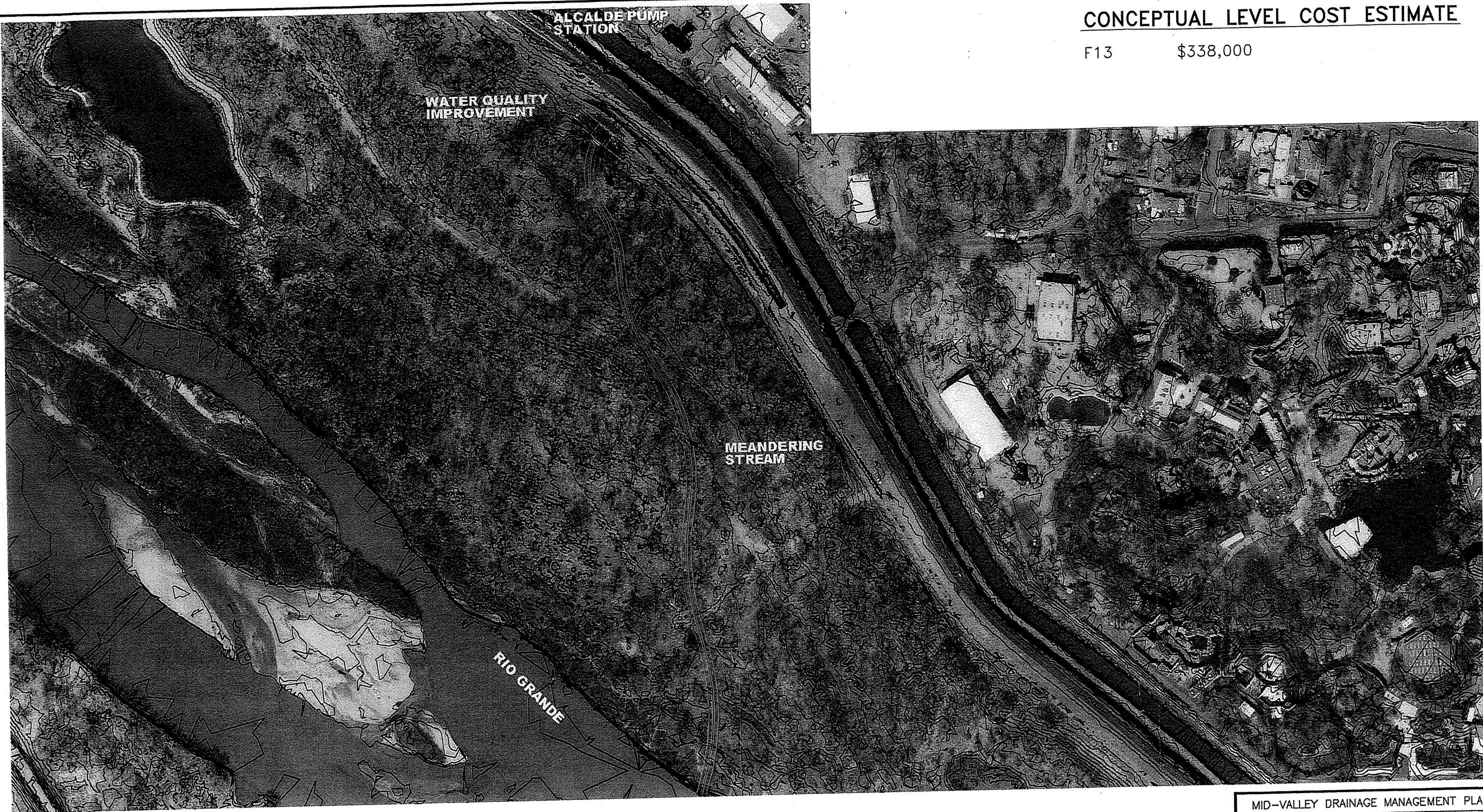
FIGURE 7

MATCHLINE B - THIS SHEET

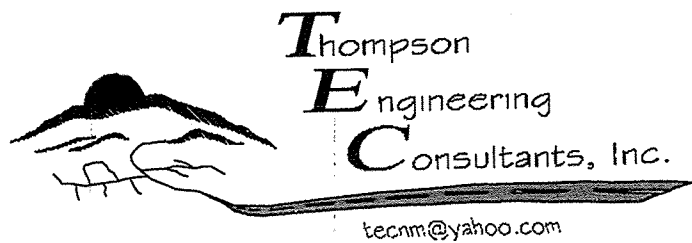
MATCHLINE B - THIS SHEET

CONCEPTUAL LEVEL COST ESTIMATE

F13 \$338,000

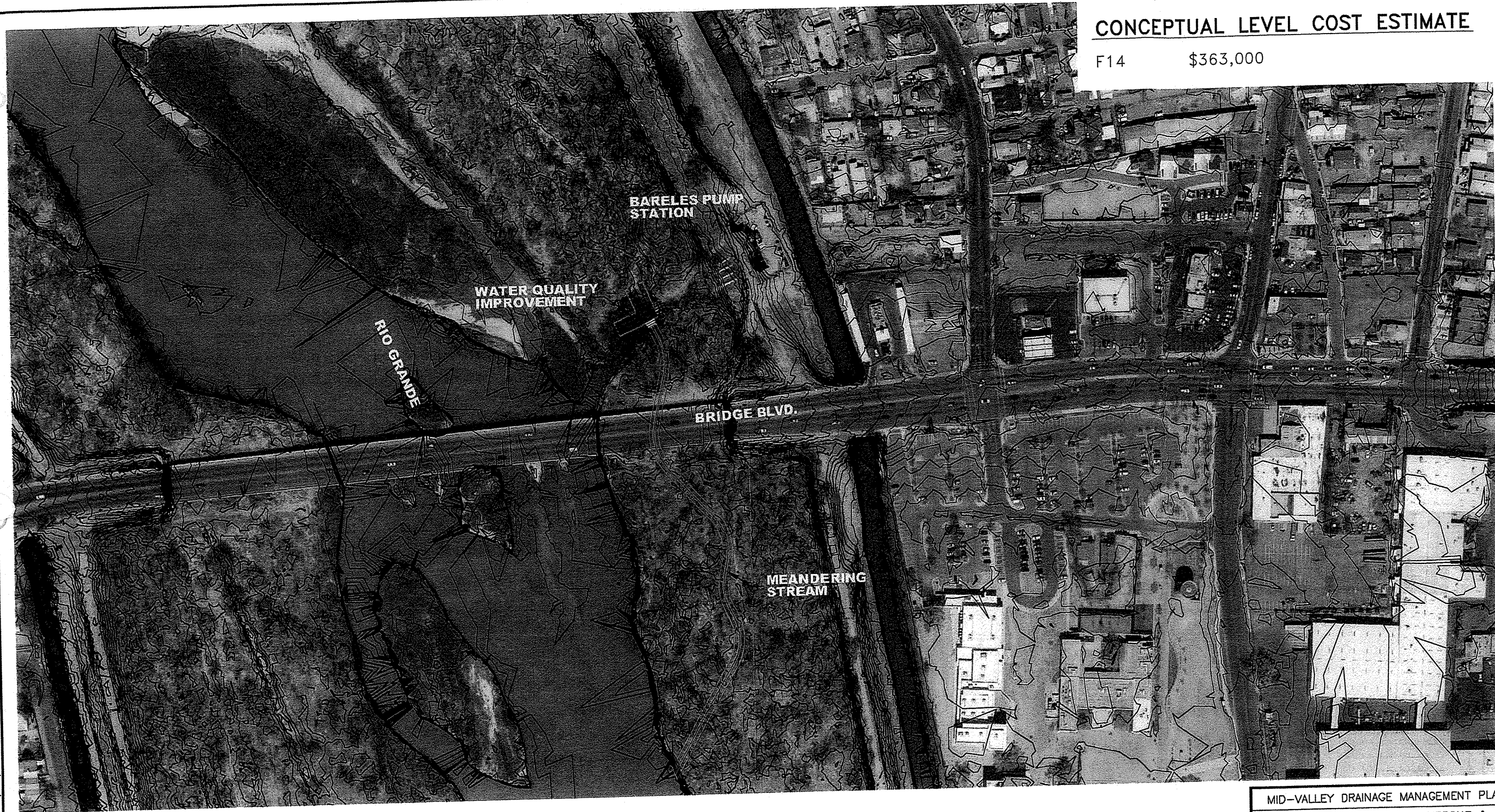


SCALE: 1"=200'



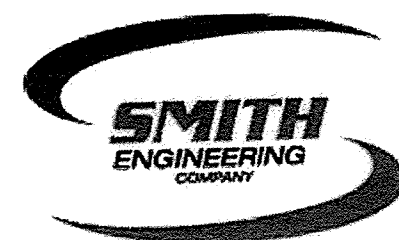
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ALCALDE WATER QUALITY IMPROVEMENT FIGURE 8

Q:\PROJECTS\MID VALLEY\BASE 10/12/11



CONCEPTUAL LEVEL COST ESTIMATE

F14 \$363,000



SCALE: 1"=200'



Thompson
Engineering
Consultants, Inc.
tecnm@yahoo.com

MID-VALLEY DRAINAGE MANAGEMENT PLAN
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BARELAS WATER QUALITY IMPROVEMENT FIGURE 9