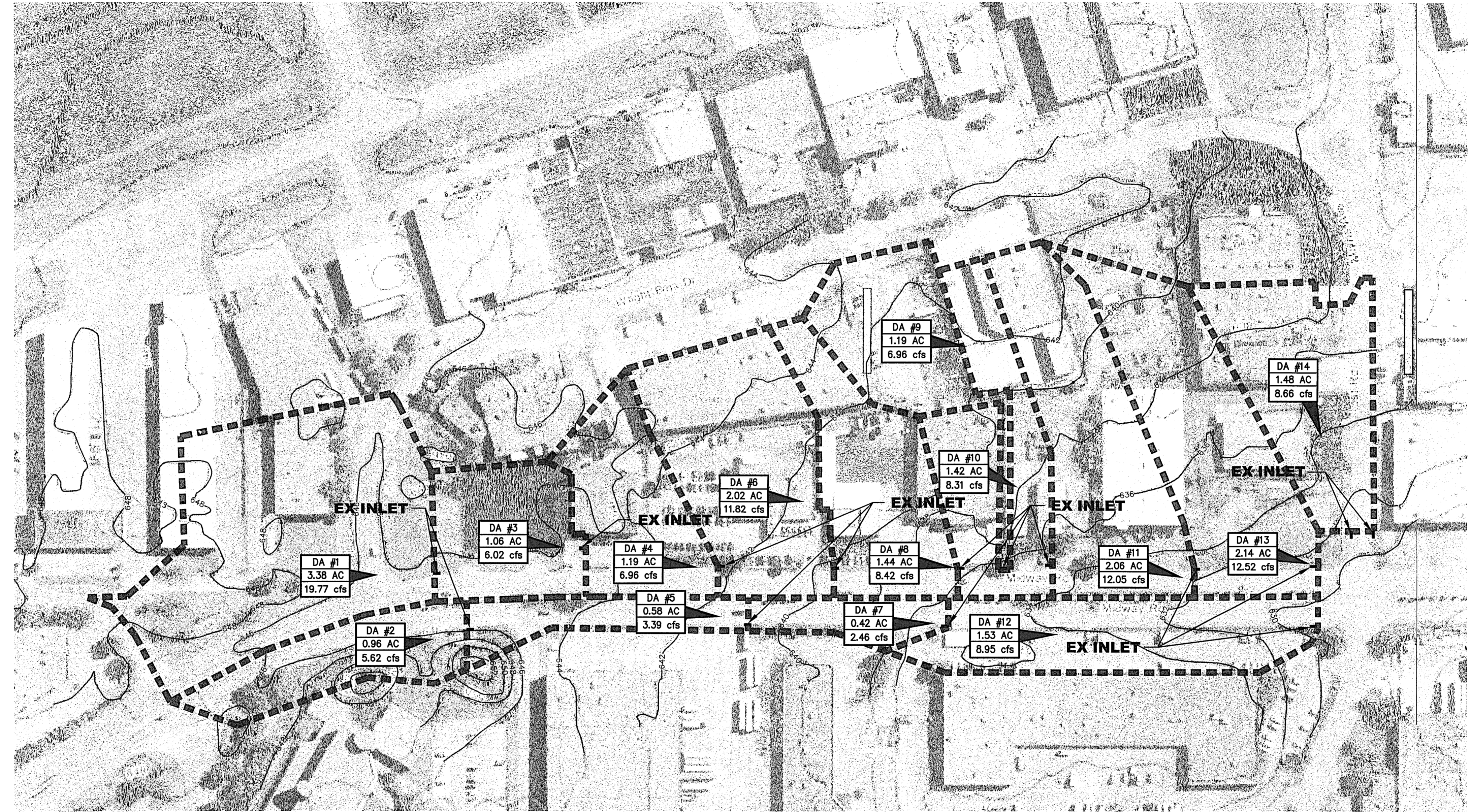


VICINITY MAP
(NOT TO SCALE)

LEGEND

- B. BOLLARD
- EM ⊙ ELECTRIC METER
- PP ⊙ POWER POLE
- LS ⊙ LIGHT STANDARD
- WM ⊙ WATER METER
- WV ⊙ WATER VALVE
- ICV ⊙ IRRIGATION CONTROL VALVE
- FH ⊙ FIRE HYDRANT
- CL ⊙ CLEANOUT
- MH ⊙ MANHOLE
- TSC ⊙ TRAFFIC SIGNAL CONTROL
- TSP ⊙ TRAFFIC SIGNAL POLE
- TELE ⊙ TELEPHONE BOX
- FL ⊙ FLOOD LIGHT
- FP ⊙ FLAG POLE
- SIGN ⊙ TRAFFIC SIGN
- IRS ⊙ 1/2-INCH IRON ROD
W/"PACHECO KOCH" CAP SET
- (C.M.) CONTROLLING MONUMENT
- PROPERTY LINE
- x- FENCE
- OHL- OVERHEAD UTILITY LINE
- E- UNDERGROUND ELECTRIC LINE
- T- UNDERGROUND TELEPHONE LINE
- C- UNDERGROUND CABLE LINE
- ▬▬▬▬▬▬▬ PROPOSED DRAINAGE DIVIDE

- DA #1 — WATERSHED DESIGNATION NUMBER
- AREA
- EXPECTED Q₁₀ IN CUBIC FEET PER SECOND



STORM ROUTING ANALYSIS
MIDWAY ROAD STORM SEWER

$T_c = 10 \text{ min} + (690 \text{ ft} \cdot 1/6 \text{ sec/ft} \cdot 1/60 \text{ min/sec}) = 11.9 \text{ min}$

DA LABEL	UPSTREAM STATION	DOWNSTREAM STATION	DISTANCE (ft)	AREA (ac)	C	INCREMENTAL CA	CUMULATIVE CA	T _c (min)	UPST I (in/hr)	RUN OFF (cfs)	STORM SIZE (in)	VELOCITY (fps)	FLOW TIME (min)	DNSTR STA (min)
1	2784.62	2752.84	31.78	3.38	0.75	2.54	2.54	11.9	8.25	20.91	24.00	6.7	0.1	12.0
2	2752.84	2558.88	193.96	0.96	0.75	0.72	3.26	12.0	8.20	26.69	24.00	8.5	0.4	12.4
3	2558.88	2358.20	200.68	1.06	0.75	0.80	4.05	12.4	8.15	33.01	24.00	10.5	0.3	12.7
4	2358.20	2298.21	59.99	1.19	0.75	0.89	4.94	12.7	8.10	40.03	30.00	8.2	0.1	12.8
5	2298.21	2180.70	117.51	0.58	0.75	0.44	5.38	12.8	8.05	43.29	30.00	8.8	0.2	13.0
6	2180.70	2020.70	160.00	2.02	0.75	1.52	6.89	13.0	8.05	55.48	30.00	11.3	0.2	13.3
7	2020.70	1990.70	30.00	0.42	0.75	0.32	7.21	13.3	8.00	57.66	36.00	8.2	0.1	13.3
8	1990.70	1924.50	66.20	1.44	0.75	1.08	8.29	13.3	8.00	66.30	36.00	9.4	0.1	13.4
9	1924.50	1857.50	67.00	1.19	0.75	0.89	9.18	13.4	7.95	72.98	36.00	10.3	0.1	13.5
10	1857.50	1636.70	220.80	1.42	0.75	1.07	10.25	13.5	7.95	81.45	42.00	8.5	0.4	14.0
11	1636.70	1470.67	166.03	2.06	0.75	1.55	11.79	14.0	7.85	92.55	42.00	9.6	0.3	14.3
12	1470.67	1460.24	10.43	1.53	0.75	1.15	12.94	14.3	7.80	100.91	48.00	8.0	0.0	14.3
13	1460.24	1380.79	79.45	2.14	0.75	1.61	14.54	14.3	7.80	113.43	48.00	9.0	0.1	14.4
14	1380.79	1136.20	244.59	1.48	0.75	1.11	15.65	14.4	7.80	122.09	48.00	9.7	0.4	14.9

CIVIL/USLEY - 11:02AM
 03/26/2008
 M:\DWG-27\2792-07\089CV-MIDWAY EX DAM.DWG

JW OPERATING

MIDWAY EX. DRAINAGE AREA EXHIBIT
JW OPERATING
 ADDISON AIRPORT INDUSTRIAL DISTRICT
 TOWN OF ADDISON, TEXAS

Pacheco Koch Consulting Engineers
 8350 N. CENTRAL EXPWY. SUITE 1000 DALLAS, TX 75206 972.235.3031

DRAWN BY CPM	CHECKED BY CPM	SCALE 1"=100'	DATE MAR 2008	JOB NUMBER 2792.07-089
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