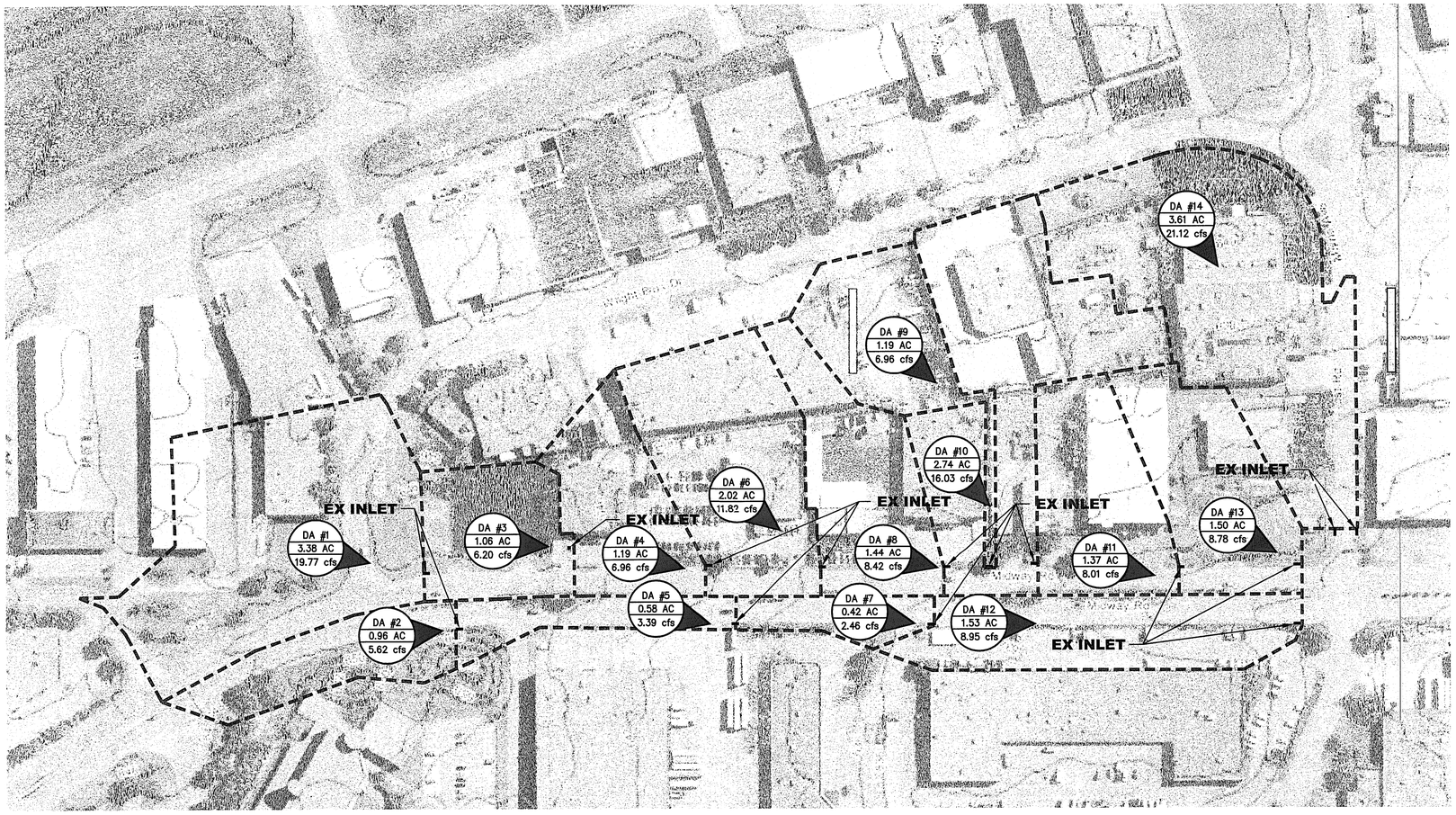
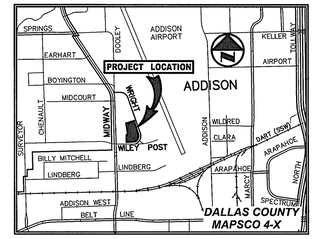


0 50 100 200 300

GRAPHIC SCALE IN FEET



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
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
	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——x——	FENCE
——OHL——OHL——	OVERHEAD UTILITY LINE
——E——E——	UNDERGROUND ELECTRIC LINE
——T——T——	UNDERGROUND TELEPHONE LINE
——C——C——	UNDERGROUND CABLE LINE
	PROPOSED DRAINAGE DIVIDE

DA #1 / 2.50 AC / 19.98 cfs

- WATERSHED DESIGNATION NUMBER
- AREA
- EXPECTED Q_{100} IN CUBIC FEET PER SECOND

STORM ROUTING ANALYSIS
MIDWAY ROAD STORM SEWER

Tc = 10 min + (690 ft*1/6 sec/ft * 1/60 min/sec) = 11.9 min

DA LABEL	UPSTREAM STATION	DOWNSTREAM STATION	DISTANCE (ft)	AREA (ac)	C	INCREMENTAL CA	CUMULATIVE CA	Tc (min)	UPST I (in/hr)	RUN OFF (cfs)	STORM SIZE (in)	VELOCITY (fps)	FLOW TIME (min)	TIME TO 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	2.74	0.75	2.06	11.24	13.5	7.95	89.32	42.00	9.3	0.4	13.9
11	1636.70	1470.67	166.03	1.37	0.75	1.03	12.26	14.0	7.85	96.26	42.00	10.0	0.3	14.3
12	1470.67	1460.24	10.43	1.53	0.75	1.15	13.41	14.3	7.80	104.60	48.00	8.3	0.0	14.3
13	1460.24	1380.79	79.45	1.50	0.75	1.13	14.54	14.3	7.80	113.37	48.00	9.0	0.1	14.4
14	1380.79	1136.20	244.59	3.61	0.75	2.71	17.24	14.4	7.80	134.49	48.00	10.7	0.4	14.8

MIDWAY PROP. DRAINAGE AREA
EXHIBIT

JW OPERATING

LOCATED IN THE CITY OF DALLAS, TEXAS AND BEING OUT OF THE JOHN DOE SURVEY, ABSTRACT NO. 000, DALLAS COUNTY, TEXAS

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

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

PK FILE: 2792-07.089 DWG FILE: 2792-07.089CV-MIDWAY EX DAM.DW

JW OPERATING