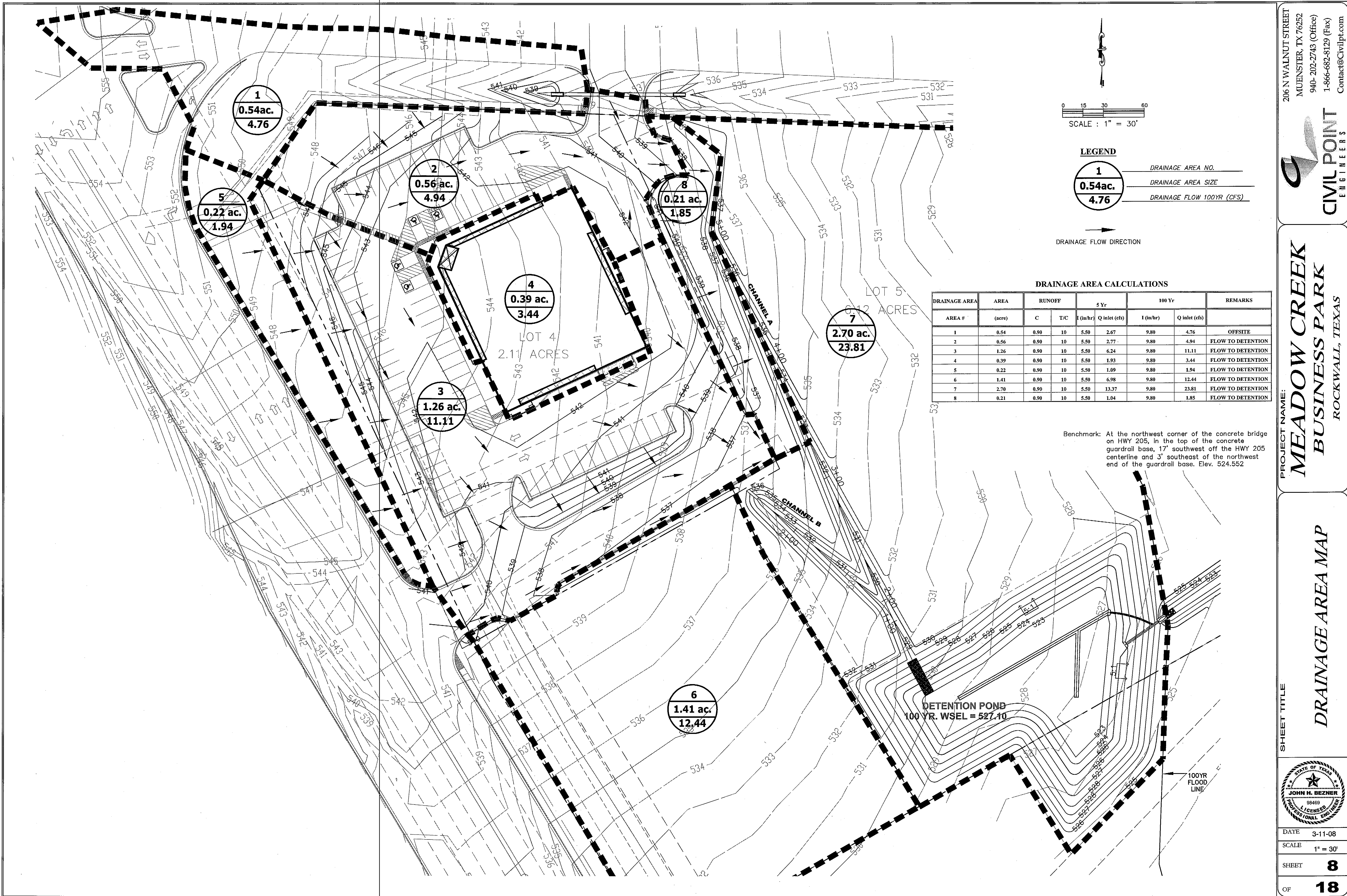




DRAINAGE AREA CALCULATIONS

DRAINAGE AREA	AREA	RUNOFF		5 Yr		100 Yr		REMARKS
		C	T/C	I (in/hr)	Q inlet (cfs)	I (in/hr)	Q inlet (cfs)	
1	0.54	0.90	10	5.50	2.67	9.80	4.76	OFFSITE
2	0.56	0.90	10	5.50	2.77	9.80	4.94	FLOW TO DETENTION
3	1.26	0.90	10	5.50	6.24	9.80	11.11	FLOW TO DETENTION
4	0.39	0.90	10	5.50	1.93	9.80	3.44	FLOW TO DETENTION
5	0.22	0.90	10	5.50	1.09	9.80	1.94	FLOW TO DETENTION
6	1.41	0.90	10	5.50	6.98	9.80	12.44	FLOW TO DETENTION
7	2.70	0.90	10	5.50	13.37	9.80	23.81	FLOW TO DETENTION
8	0.21	0.90	10	5.50	1.04	9.80	1.85	FLOW TO DETENTION

Benchmark: At the northwest corner of the concrete bridge on HWY 205, in the top of the concrete guardrail base, 17' southwest off the HWY 205 centerline and 3' southeast of the northwest end of the guardrail base. Elev. 524.552

206 N WALNUT STREET
MUEENSTER, TX 76252
940-202-2743 (Office)
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CIVIL POINT
ENGINEERS

PROJECT NAME:

**MEADOW CREEK
BUSINESS PARK**

ROCKWALL, TEXAS

SHEET TITLE

DRAINAGE AREA MAP

DATE 3-11-08
SCALE 1" = 30'
SHEET **8**
OF **18**