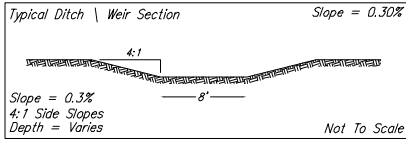
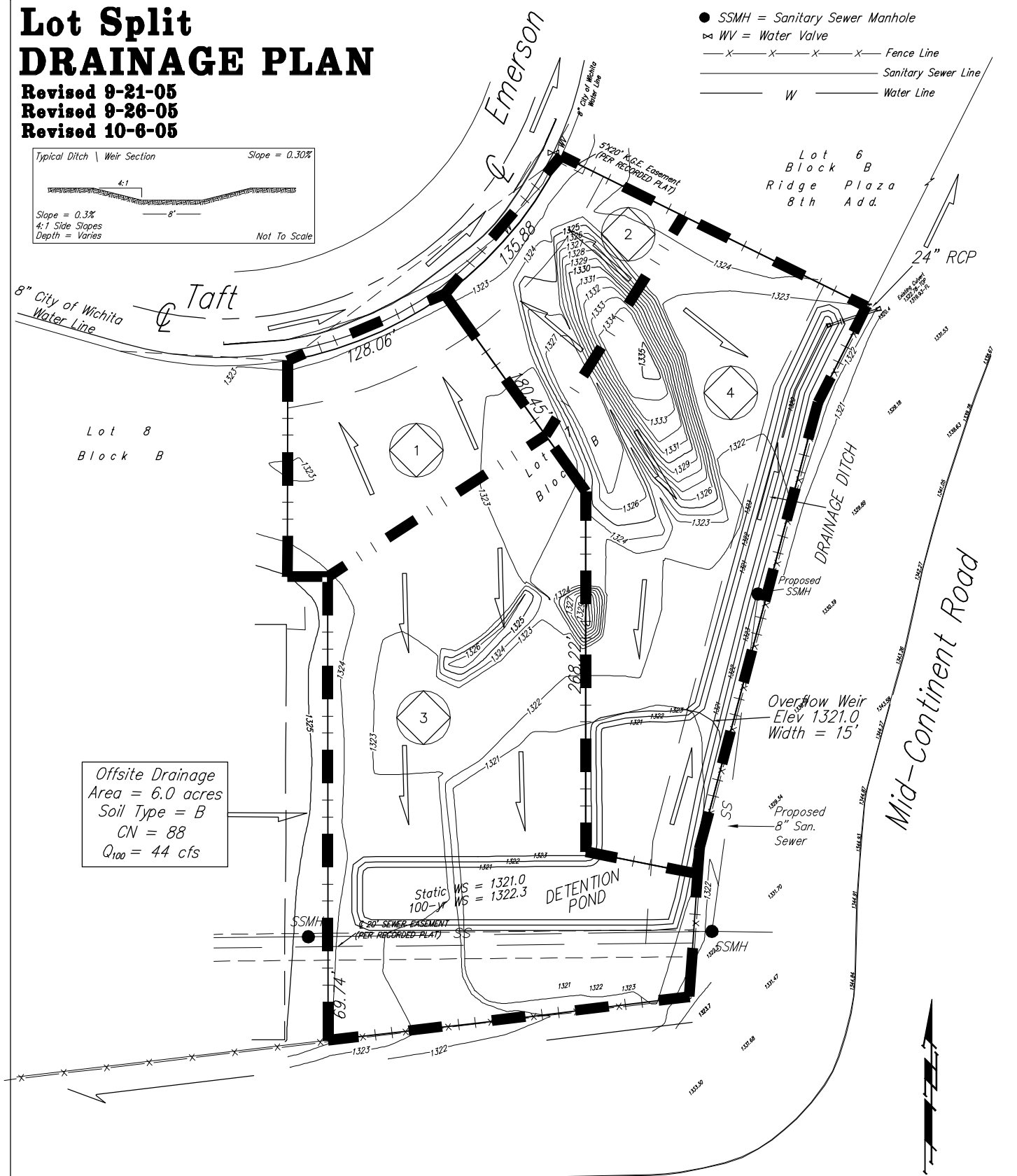


Lot Split DRAINAGE PLAN

Revised 9-21-05
Revised 9-26-05
Revised 10-6-05



- SSMH = Sanitary Sewer Manhole
- ⊠ WV = Water Valve
- X — X — X — X — X — Fence Line
- — — — — Sanitary Sewer Line
- W — — — — — Water Line



Lot 8
Block B

Lot 6
Block B
Ridge Plaza
8th Add.

Offsite Drainage
Area = 6.0 acres
Soil Type = B
CN = 88
Q₁₀₀ = 44 cfs

Static WS = 1321.0
100-yr WS = 1322.3
DETENTION POND

Kellogg/U.S. Highway 54

Scale: 1"=100'

Existing	2yr	5yr	100yr	Developed	2yr	5yr	100yr
Intensity	3.83	4.56	7.37	Intensity	3.83	4.56	7.37
Rational C	0.4	0.45	0.65	Rational C	0.68	0.7	0.85

Basin ID	Area acres	Existing Flowrates			Developed Flowrates		
		2-yr cfs	5-yr cfs	100-yr cfs	2-yr cfs	5-yr cfs	100-yr cfs
1	0.5	0.8	1.0	2.4	1.3	1.6	3.1
2	0.4	0.6	0.8	1.9	1.0	1.3	2.5
3	2.0	3.1	4.1	9.6	5.2	6.4	12.5
4	1.5	2.3	3.1	7.2	3.9	4.8	9.4
TOTAL	4.4	6.7	9.0	21	11.5	14	28

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Baughman ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

Project No. 05-07-P702