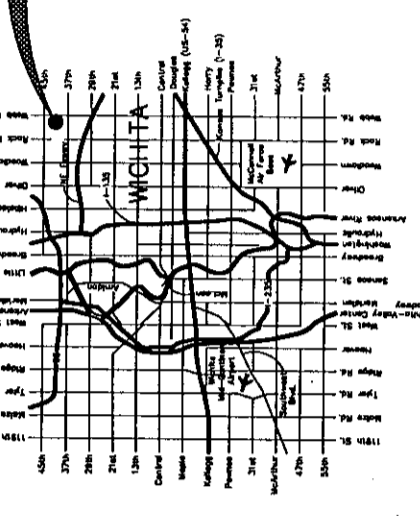


SAND PLUM ADDITION DRAINAGE PLAN WICHITA, SEDGWICK COUNTY, KANSAS

LEGEND

- ▲ = Section Corner
- = 5/8" Rebar (found)
- BPED = Bell Pedestal
- = Cedar
- ~ = Contour Elevation
- ⊕ = Fire Hydrant
- = Fence
- = Gas
- ⬇ = Guy Anchor
- MB = Mailbox
- PP = Power Pole
- = Sign
- = Tree



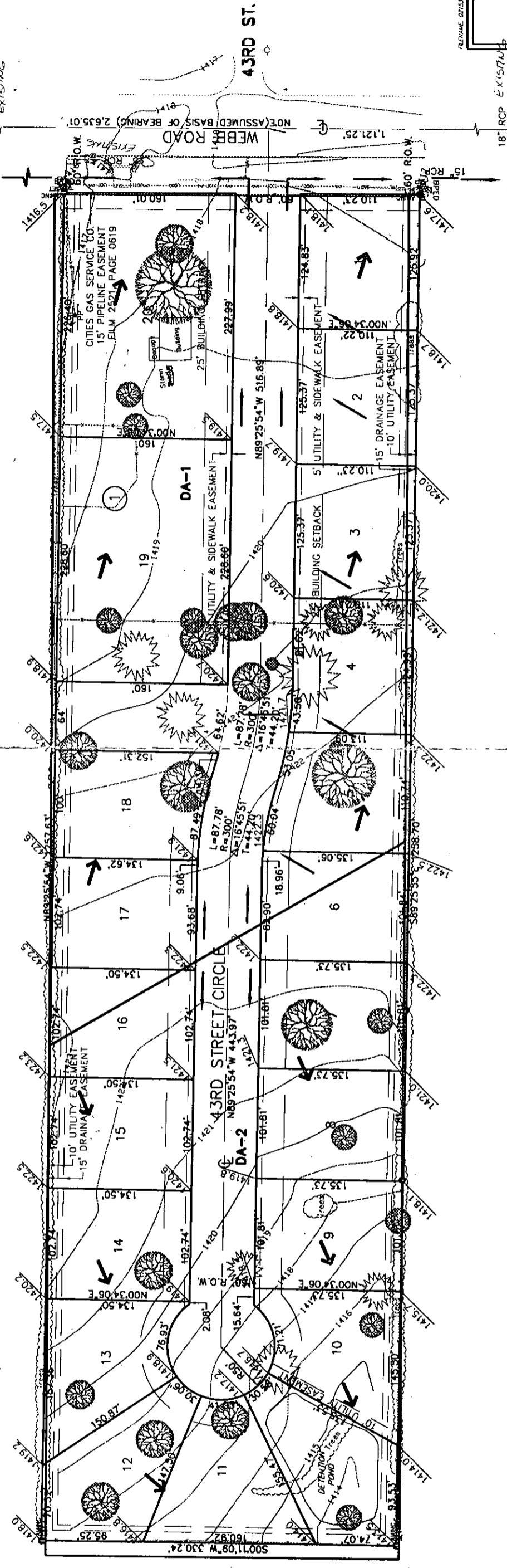
SITE

Area #	Area (sq. ft)	Undeveloped		Developed	
		Q ₁ (in)	Q ₂ (in)	Q ₁ (in)	Q ₂ (in)
1	4,320	4.58	7.37	8.4	18.8
2	4,333	4.58	7.37	6.9	16.3
TOTAL	8,653	15.3	36.1	15.3	36.1

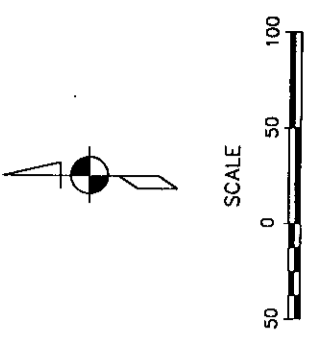
NOTES:
 1. Determination of Q₁ was made using the rational method.
 2. Q₂ used were as follows:
 Undeveloped .35
 Developed .57
 Frequency .25
 100 yr Frequency .35

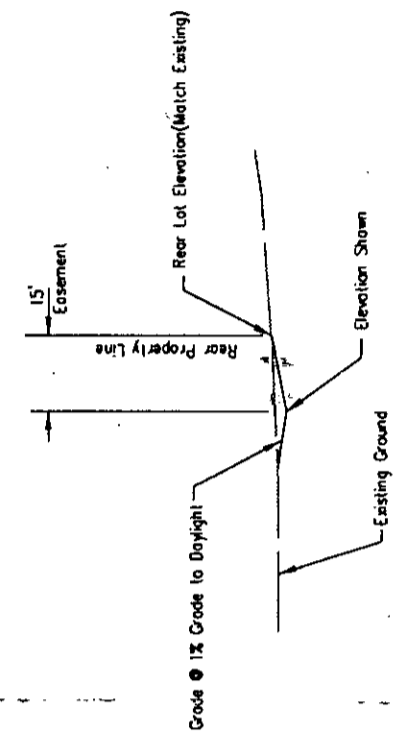
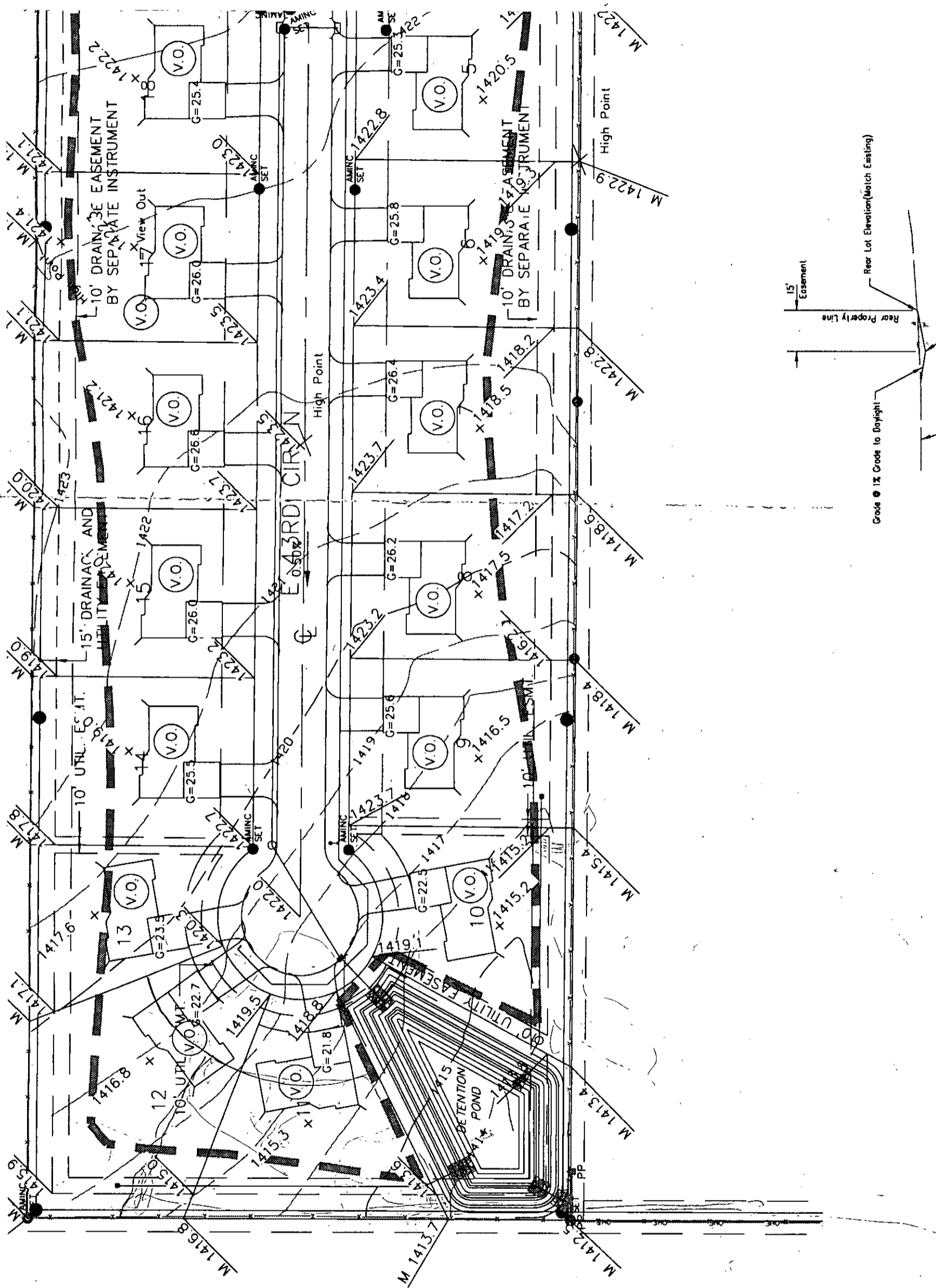
VICINITY MAP

BENCHMARK
 "1" cut on top NE cor. of inlet East side of Rock Rd. 80± North of Central Ave. Elev. 168.50 (City Datum)



NE COR., NE 1/4 SEC. 29, T26S, R2E
 SE COR., NE 1/4 SEC. 29, T26S, R2E

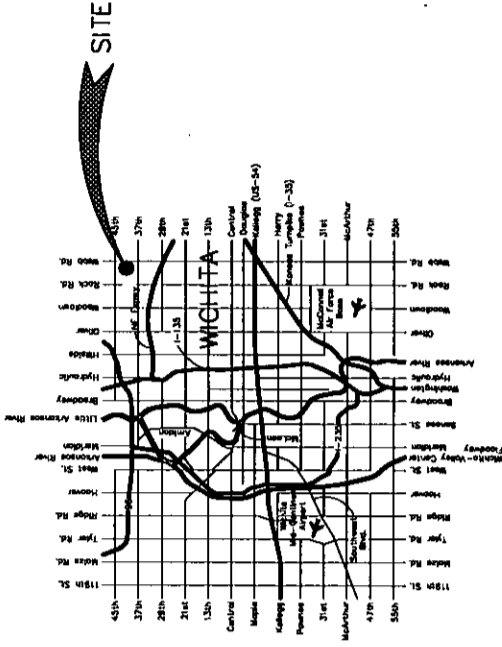




GRADING DETAIL

SAND PLUM ADDITION DRAINAGE PLAN WICHITA, SEDGWICK COUNTY, KANSAS

E:\projects\02102153\02153-02\02153-02-drainage.dwg Fri Jan 02 09:01:46 2004 Matt Perez



VICINITY MAP

Area #	Area (sq ft)	Undeveloped		Developed	
		S _u	Q _u (cfs)	S _d	Q _d (cfs)
1	5.26	4.56	7.37	8.4	18.8
2	4.33	4.56	7.37	6.9	16.3
TOTAL	9.59			15.3	35.1

NOTES:
 1. Determination of Q's was made using the rational method.
 2. C's used were as follows: Undeveloped .35
 Street Frequency .35



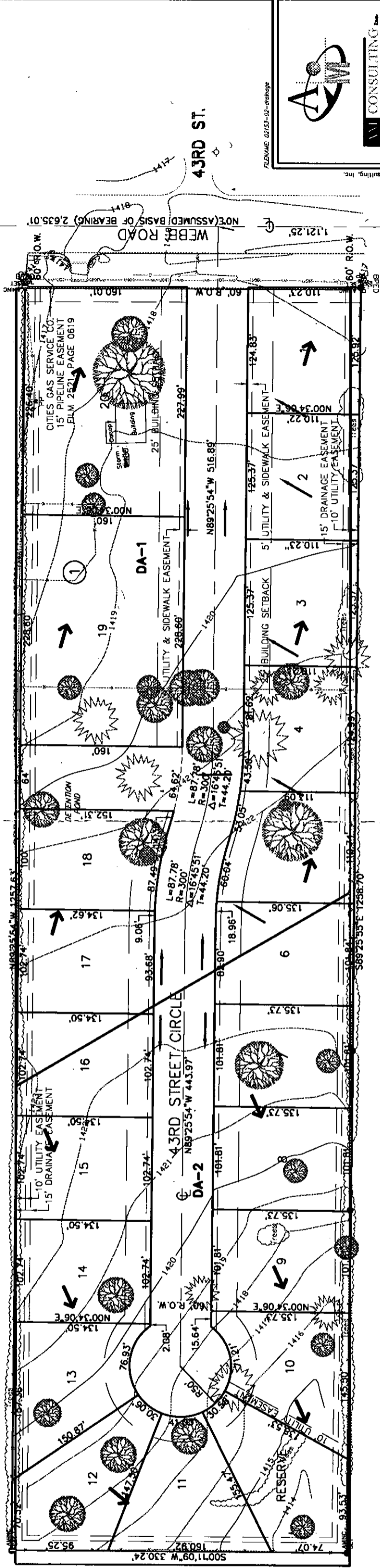
LEGEND

- ▲ Section Corner
- 5/8" Rebar (found)
- Bell Pedestal
- Cedar
- Contour Elevation
- Fire Hydrant
- Fence
- Gas
- Guy Anchor
- Mailbox
- Power Pole
- Sign
- Tree

BENCHMARK

10' out on top NE cor. of inlet East side of Rock Rd. 80'± North of Central Ave. Elev. 166.50 (City Datum)

BENCHMARK
 Benchmark description
 Elev.



REVISED 02/15/02-drainage



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