

DRAINAGE PLAN ACT AUTO ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

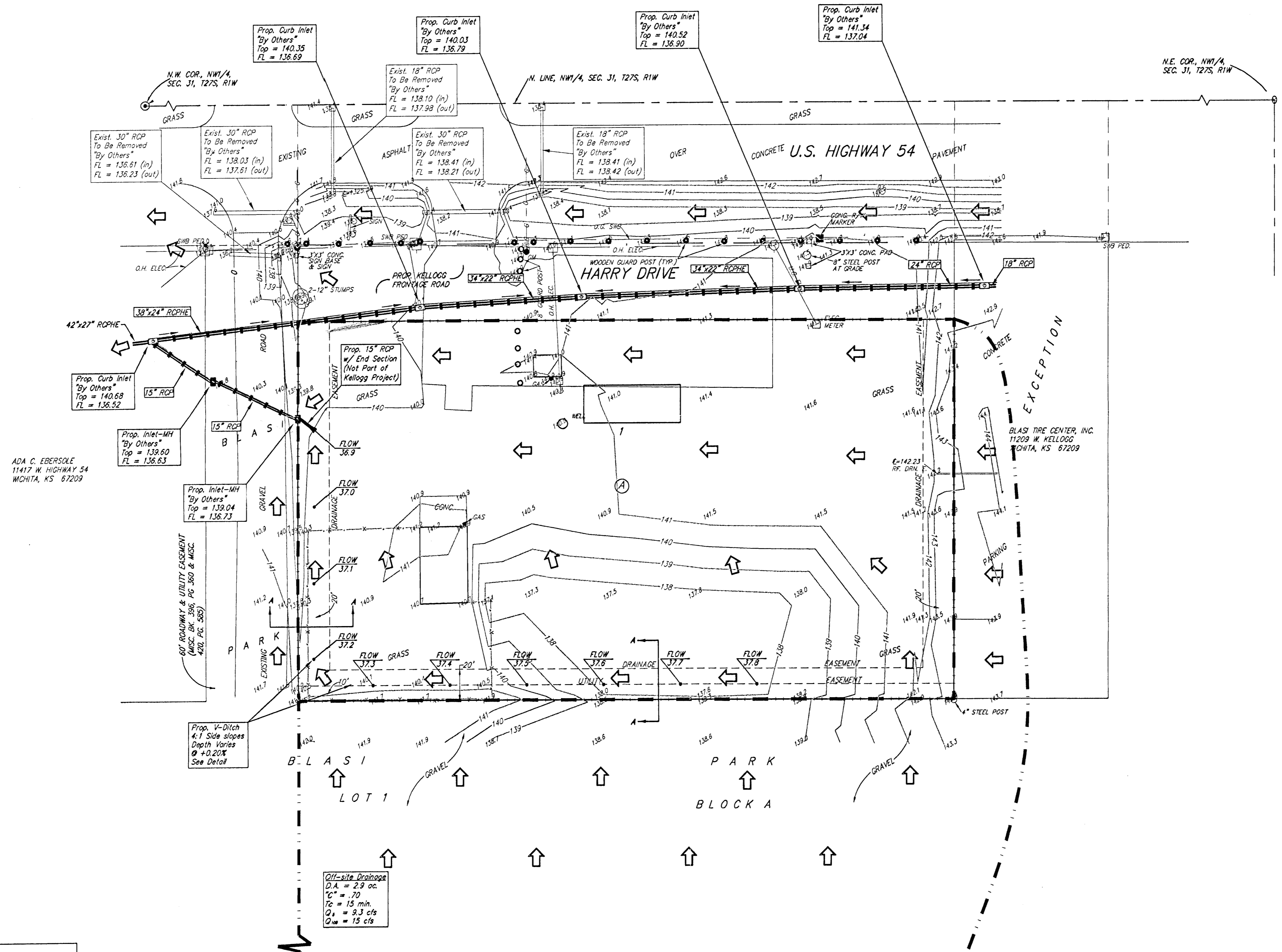
SCANNED

0 40 80

DATE OF PREPARATION: 14 JANUARY 2002
DATE OF TOPOGRAPHY: FEBRUARY 1995
CONTOUR INTERVAL: 1 FOOT

Quoted:
Fred Arnold
Arnold's Inc.
11223 W. Kellogg
Wichita, KS 67209
Ph: 316-722-9033

Benchmark:
"1" cut, top of concrete sign base for
"Gene Miles" sign, Coastal Mart Addition.
Elev. = 1335.01 M.S.L. (147.61 City Datum)

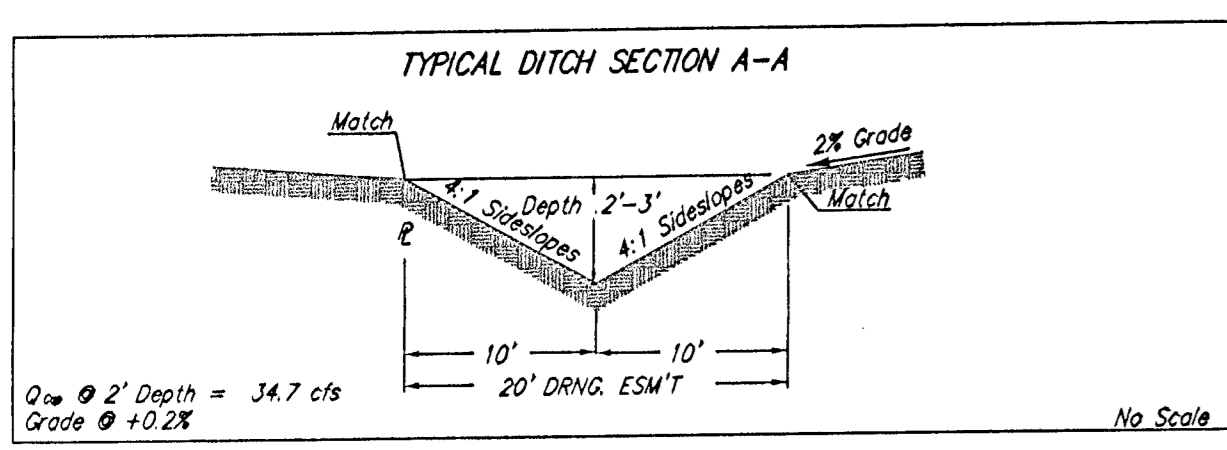
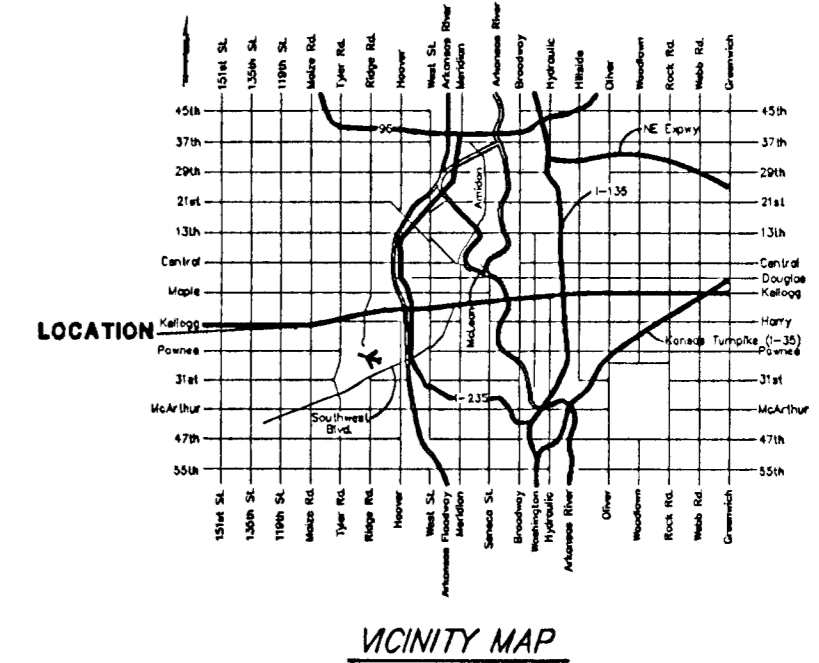


- = POWER POLE
- = LIGHT POLE
- ◻ = SWS TELEPHONE PEDESTAL
- SWS PED.
- = #4 REBAR W/ "BAUGHMAN" CAP (SET)
- ⊙ = CROSS ON SPIKE IN LEAD PLUG (FOUND)
- ⊛ = #4 REBAR W/ "MADON" CAP (FOUND)
- ⊗ = #6 REBAR (FOUND)
- ⊘ = 1" IRON (FOUND)
- ⊙ = 1/2" IRON (FOUND)
- ⊙ = #5 REBAR IN THIMBLE (FOUND)

DRAINAGE NOTES:

1. The soil type per Soil Survey of Sedgwick County is Tabler silty clay loam. The hydrologic classification for these soils are a D.
2. This parcel of land is not located in a Federal Emergency Management Agency (FEMA) Special Flood Hazard Area (SFHA) per LOMR FIRM Map 20032B 0020B, Effective Date June 26, 1997.
3. On-site detention shall be provided on this property. Sizing and location shall be determined at time of site development.

	EXISTING CONDITIONS	DEVELOPED CONDITIONS
DRAINAGE AREA	2.45 acres	2.45 acres
Tc	15 min.	15 min.
i - 2 yr	3.83 in/hr	3.83 in/hr
i - 5 yr	4.56 in/hr	4.56 in/hr
i - 100 yr	7.37 in/hr	7.37 in/hr
"C" - 2 yr	0.43	0.84
"C" - 5 yr	0.45	0.85
"C" - 100 yr	0.62	0.91
"Q" - 2 yr	4.0 cfs	7.9 cfs
"Q" - 5 yr	5.0 cfs	9.5 cfs
"Q" - 100 yr	11 cfs	16 cfs



14 JANUARY, 2002

BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-1271 • 316-262-1272 • WICHITA, KANSAS 67211