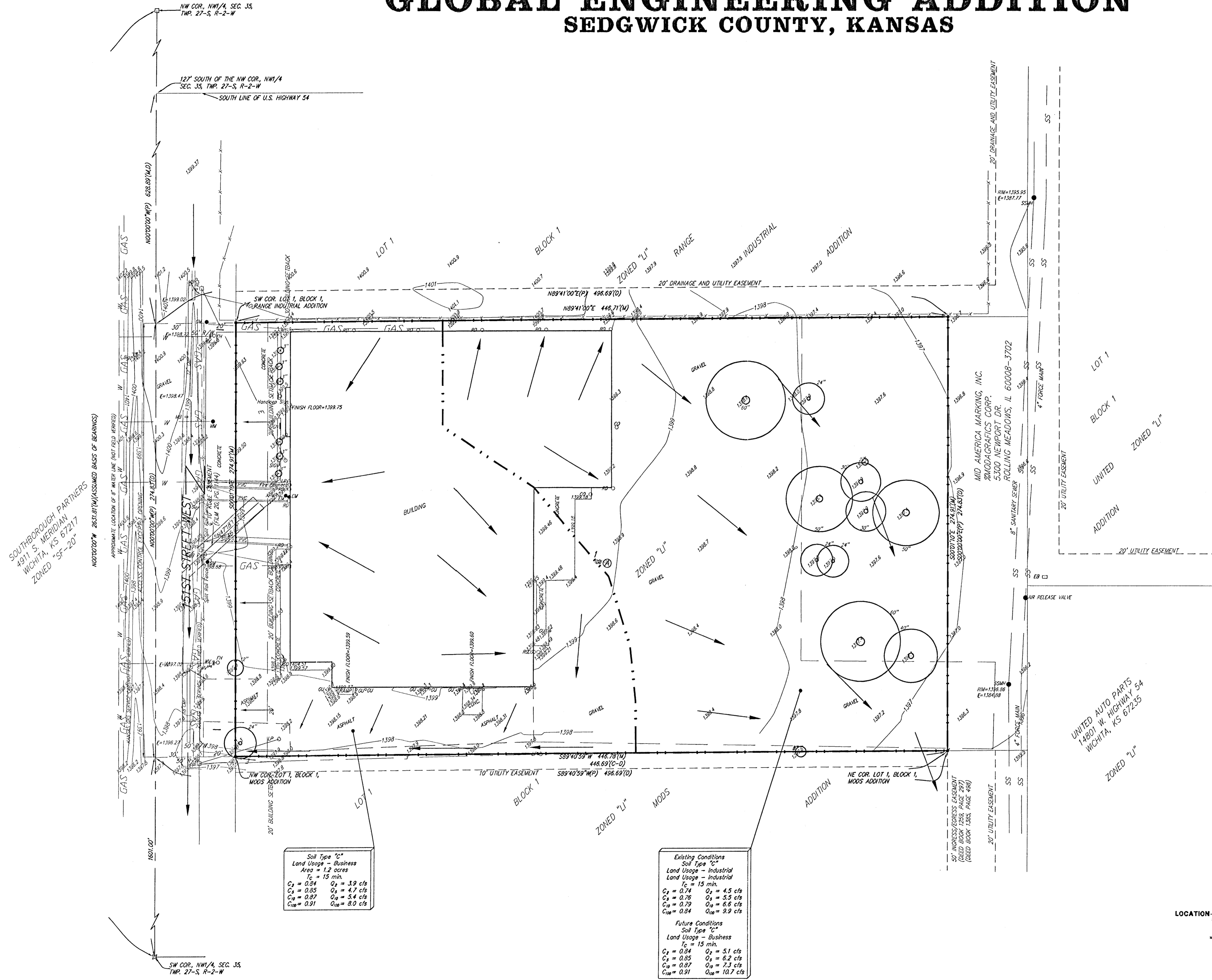


DRAINAGE PLAN

GLOBAL ENGINEERING ADDITION

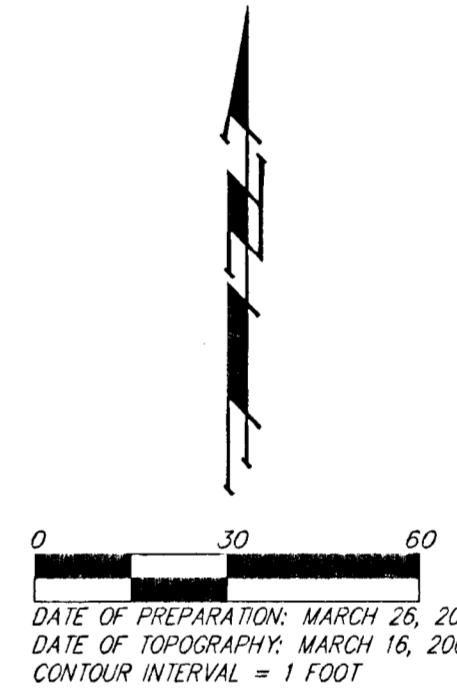
SEDGWICK COUNTY, KANSAS



OWNER:
Global Engineering & Technology, Inc.
1720 S. 151st W.
Goddard, KS 67052

LEGAL DESCRIPTION:
A tract of land in NW1/4 of Sec. 35, Twp. 27-S, R-2-W of the 6th P.M., Sedgwick County, Kansas, described as follows: Beginning at a point on the west line of the NW1/4 of Sec. 35 which is 628.89 feet south of the south right-of-way line of U.S. Highway 54; thence east parallel with the south line of said Highway right-of-way, 496.69 feet; thence south parallel with the south line of said NW1/4, 274.83 feet; thence west parallel with the south line of said U.S. Highway 54, 496.69 feet to the west line of the NW1/4 of said Sec. 35; thence north on said west line, 274.83 feet to the point of beginning.

BENCHMARK:
"□" 40' north and 35' east of NE corner of Mods Addition, west side of concrete sanitary sewer manhole. Elev. = 1396.92 NGVD



- DATE OF PREPARATION: MARCH 26, 2001
DATE OF TOPOGRAPHY: MARCH 16, 2001
CONTOUR INTERVAL = 1 FOOT
- CO = Cleanout
 - EB = Electric Box
 - FH = Fire Hydrant
 - GM = Gas Meter
 - GP = Guard Post (Ballard)
 - GA = Guy Anchor
 - LP = Light Pole
 - MB = Man Box
 - EM = Electric Meter
 - RD = Roof Drain
 - PP = Power Pole
 - SD = Satellite Dish
 - Sign = Sign
 - SSM = Sanitary Sewer Manhole
 - SW Ped = Southwestern Bell Pedestal
 - T = Tree
 - WM = Water Meter
 - WV = Water Valve
 - TRM = Transformer
- # = #4 REBAR W/ "BAUGHMAN" CAP (FOUND)
 - = #4 REBAR W/ "BAUGHMAN" CAP (SET)
 - = SECTION CORNER (FOUND)
 - = #4 REBAR (FOUND)
 - (M) = MEASURED
 - (D) = DESCRIBED
 - (P) = PLATTED
 - (C-D) = CALCULATED PER DESCRIPTION

Soil Type "C"
Land Usage - Business
Area = 1.2 acres
T₂ = 15 min

C ₁ = 0.84	O ₁ = 3.9 cfs
C ₂ = 0.85	O ₂ = 4.7 cfs
C ₁₀ = 0.87	O ₁₀ = 5.4 cfs
C ₁₀₀ = 0.91	O ₁₀₀ = 6.0 cfs

Existing Conditions
Soil Type "C"
Land Usage - Industrial
T₂ = 15 min

C ₁ = 0.74	O ₁ = 4.5 cfs
C ₂ = 0.76	O ₂ = 5.5 cfs
C ₁₀ = 0.79	O ₁₀ = 6.8 cfs
C ₁₀₀ = 0.84	O ₁₀₀ = 9.9 cfs

Future Conditions
Soil Type "C"
Land Usage - Business
T₂ = 15 min

C ₁ = 0.84	O ₁ = 5.1 cfs
C ₂ = 0.85	O ₂ = 6.2 cfs
C ₁₀ = 0.87	O ₁₀ = 7.3 cfs
C ₁₀₀ = 0.91	O ₁₀₀ = 10.7 cfs

