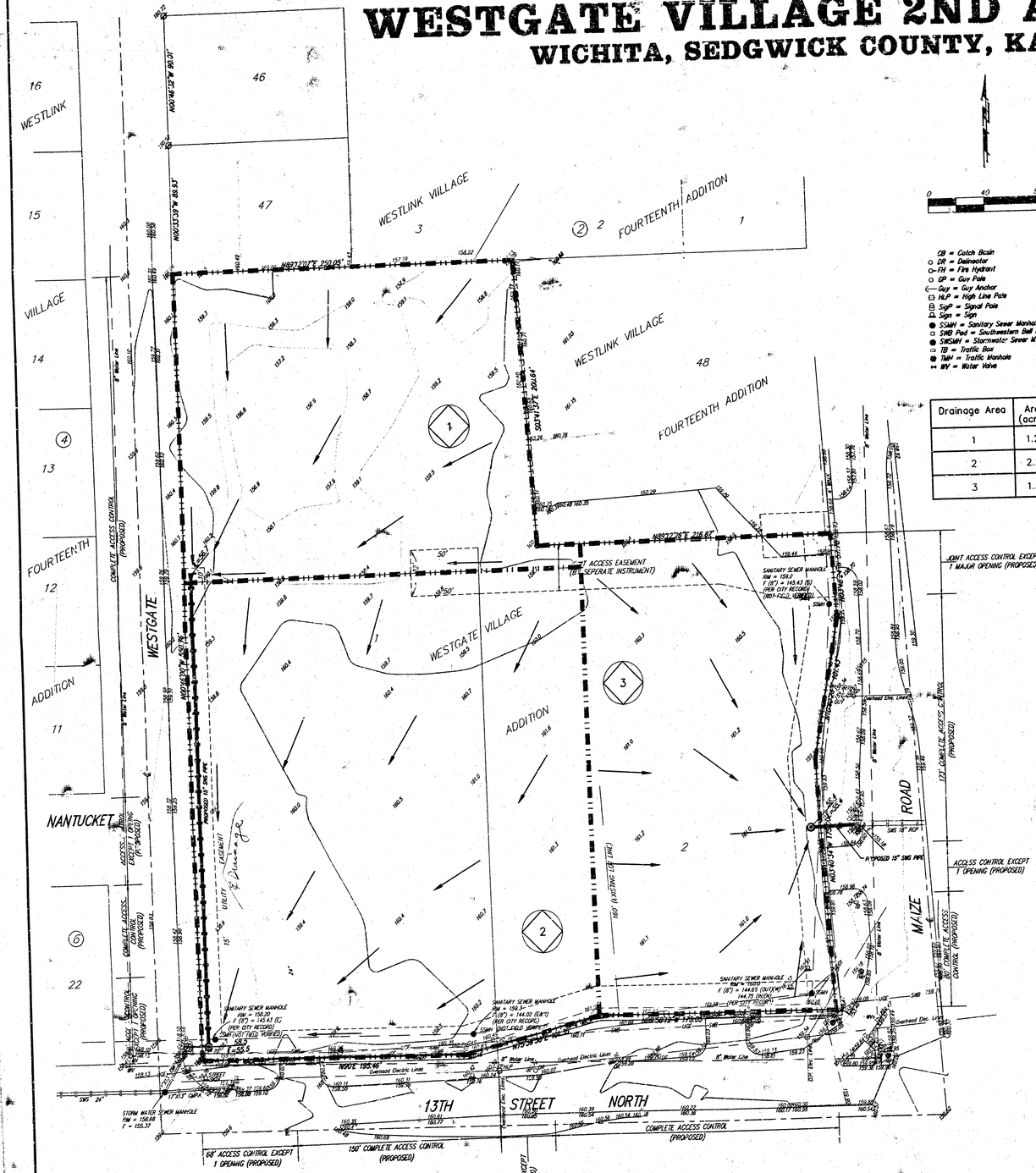
DRAINAGE PLAN
WESTGATE VILLAGE 2ND ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



0 40 80

CB = Catch Basin
DR = Deflector
FH = Fire Hydrant
GP = Guy Pole
Guy = Guy Anchor
HLP = High Line Pole
SigP = Signal Pole
Sign = Sign
SSMH = Sanitary Sewer Manhole
SWB Ped = Southwestern Bell Pedestal
SWSMH = Stormwater Sewer Manhole
TB = Traffic Box
TMH = Traffic Manhole
WV = Water Valve

● = 1/2" IRON (FOUND)
○ = #4 BAUGHMAN PIN (SET)
□ = V-NOTCH FOUND
△ = MM V-NOTCH FOUND
X = CROSS (FOUND)
Ø = 12" IRON (FOUND)

Drainage Area	Area (acres)	C_2	C_{100}	T_c (min.)	I_2 (in/hr)	I_{100} (in/hr)	Q_2 (cfs)	Q_{100} (cfs)
1	1.28	.90	.90	15	3.83	7.37	4.41	8.49
2	2.23	.90	.90	15	3.83	7.37	7.69	14.8
3	1.33	.90	.90	15	3.83	7.37	4.58	8.82



17 October 1997

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211