DRAINAGE PLAN
DEN ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS

CB = Catch Basin
DI = Drop Inlet
GP = Guy Pole
Guy = Guy Anchor
FOM = Fiber Optic Line Marker
GLM = Gasline Marker
SigP = Signal Pole
Sign = Sign
SSMH = Sanitory Sewer Manhole
TMH = Traffic Manhole
WV = Water Valve
= #4 REBAR W/ "BAUGHMAN" CAP (FOUND)
= #4 REBAR W/ "BAUGHMAN" CAP (SET)
= #4 REBAR W/ "TTLS" CAP (FOUND)
= 1" IRON (FOUND)
= 1/2" IRON (FOUND)
= #5 REBAR 12" DEEP (FOUND)
= 1/2" IRON IN THIMBLE (FOUND)

(M) = MEASURED
(D) = DESCRIBED
(P) = PLATTED
(C) = CALCULATED

0 60 120

DATE OF PREPARATION: JULY 14, 2003
DATE OF TOPOGRAPHY: OCTOBER 25, 2002
CONTOUR INTERVALS = 1 FOOT

BENCHMARK:
City of Wichita Bench mark, Southeast corner of intersection, Traffic signal base. Elev. 164.48 City Datum

WATER LINE
SOUTHWESTERN BELL
GAS LINE
CABLE TV
FENCE
ELECTRIC LINE
SANITARY SEWER

Drainage Data:	
Existing Cond.	Proposed Cond.
Area = 3.0 ac	Area = 3.0 ac
Q_2 = 4.1 cfs	Q_2 = 6.8 cfs
Q_5 = 6.5 cfs	Q_5 = 9.8 cfs
Q_{100} = 15 cfs	Q_{100} = 20 cfs

Dry Detention Area
Q_{100} in = 20 cfs
Q_{100} out = 9 cfs
100-yr WS = 150.0 city datum

KANSAS TURNPIKE AUTHORITY
(SPECIAL WARRANTY DEED, (DEED BOOK 1085, PAGE 469), KANSAS TURNPIKE TRACT NO. 7-34, REVISED APRIL 22, 1957)

CITY OF WICHITA
455 N. MAIN
WICHITA, KS 67216
ZONED "SF-5"

ZONED "SF-5"

PROPOSED ZONING "LI"

ZONED "NR"

6" KANSAS GAS SERVICE LINE

4" CONCRETE PIPE LINE CO. HIGH PRESSURE LINE

PROPOSED 36" CONCRETE PIPELINE CO EASEMENT

EASTERN EDGE OF A.C. PAVEMENT

SETBACK LINE

BUILDING

ASPHALT PATH

50' FUTURE ACCESS

TV Poles

DP

Guy

Sign

SigP

FOM

GLM

CB

TMH

WV

SSMH Rim=158.42 I(e)=150.50 I(w)=151.39 I(n)=150.27

TMH Rim=162.27

SW COR. SE1/4, SEC. 2, TWP. 28-S, R-1-E

N89°54'30"W 2665.21'

(SPECIAL WARRANTY DEED, (DEED BOOK 1085, PAGE 469), KANSAS TURNPIKE TRACT NO. 7-34K)

(SPECIAL WARRANTY DEED, (DEED BOOK 1085, PAGE 469), KANSAS TURNPIKE TRACT NO. 7-34B, MAY 3, 1955)

SE COR. SE1/4, SEC. 2, TWP. 28-S, R-1-E

31ST STREET SOUTH

COMPLETE ACCESS CONTROL

TURNPIKE DRIVE

CARO THIRD ADDITION

1

14 JULY 2003

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