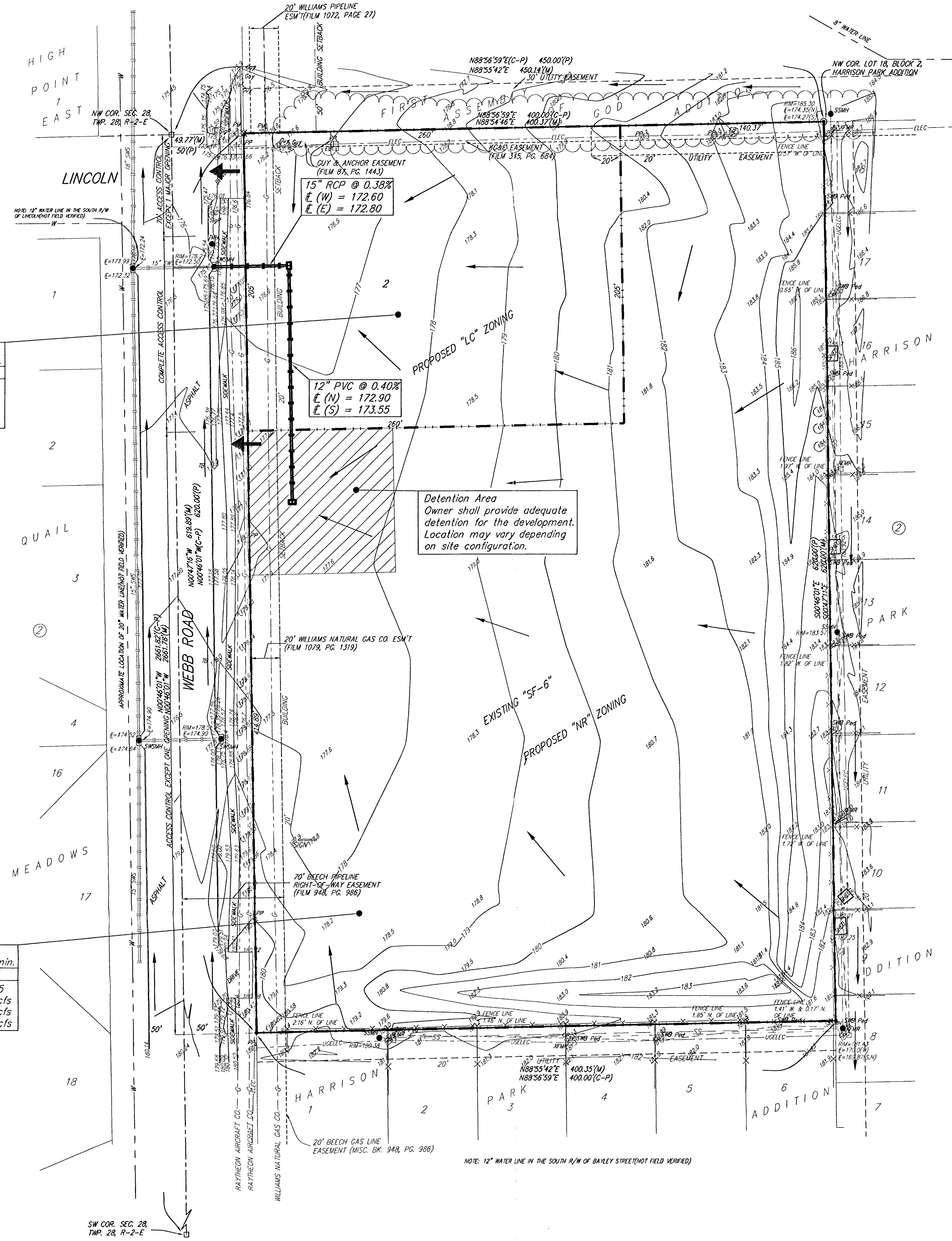
DRAINAGE PLAN
HARRISON PARK 3RD ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



Drainage Area = 1.2 acres	
Time of Concentration = 15 min.	
Existing	Developed
"C" = 0.45	"C" = 0.85
Q_2 = 2.1 cfs	Q_2 = 3.9 cfs
Q_5 = 2.5 cfs	Q_5 = 4.7 cfs
Q_{100} = 4.0 cfs	Q_{100} = 7.5 cfs

Drainage Area = 4.5 acres	
Time of Concentration = 15 min.	
Existing	Developed
"C" = 0.45	"C" = 0.85
Q_2 = 7.8 cfs	Q_2 = 14.6 cfs
Q_5 = 9.2 cfs	Q_5 = 17.4 cfs
Q_{100} = 14.9 cfs	Q_{100} = 28.2 cfs

0 40 80

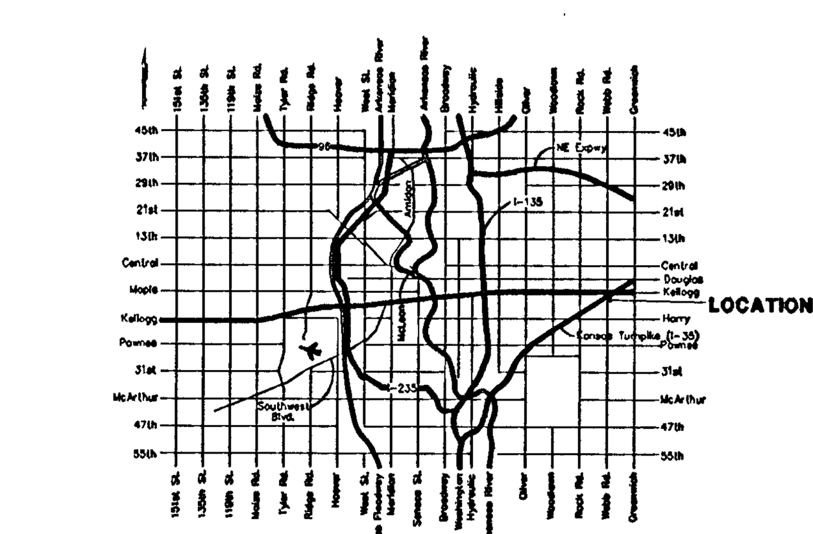
= General Flow Direction
= Major Event Flow
= Drainage Basin Boundary

CP = Cable TV Pedestal
EB = Electric Box
Guy = Guy Anchor
PM = Pipeline Marker
PP = Power Pole
SigP = Signal Pole
Sign = Sign
SSMH = Sanitary Sewer Manhole
SWB Ped = Southwestern Bell Pedestal
SWSMH = Stormwater Sewer Manhole
T = Tree
TB = Traffic Box
TMH = Traffic Manhole
XFMR = Transformer

● = #4 REBAR W/ "BAUGHMAN" CAP (SET)
◉ = #4 REBAR (FOUND)
○ = 1/2" IRON (FOUND)
⊡ = THIMBLE (FOUND)

(M) = MEASURED
(D) = DESCRIBED
(P) = PLATTED
(C) = CALCULATED
(C-P) = CALCULATED PER PLATTED INFO.
(C-D) = CALCULATED PER DEED INFO.

BENCHMARK:
C.O.W. BENCHMARK SW COR. OF INTERSECTION. NW CITY TRAFFIC SIGNAL LIGHT POLE BASE.
ELEV.=176.91 CITY DATUM



VICINITY MAP

NOTE: The proposed drainage plan provided herein is a generally defined plan to follow for design. It is recognized and assumed that upon the final design of buildings, parking lots, and storm sewer improvements within this plat that the designer will modify or alter the general drainage plan as necessary in order to implement the installation of the improvements to obtain the most economical design and construction possible.

20 OCTOBER 1999

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