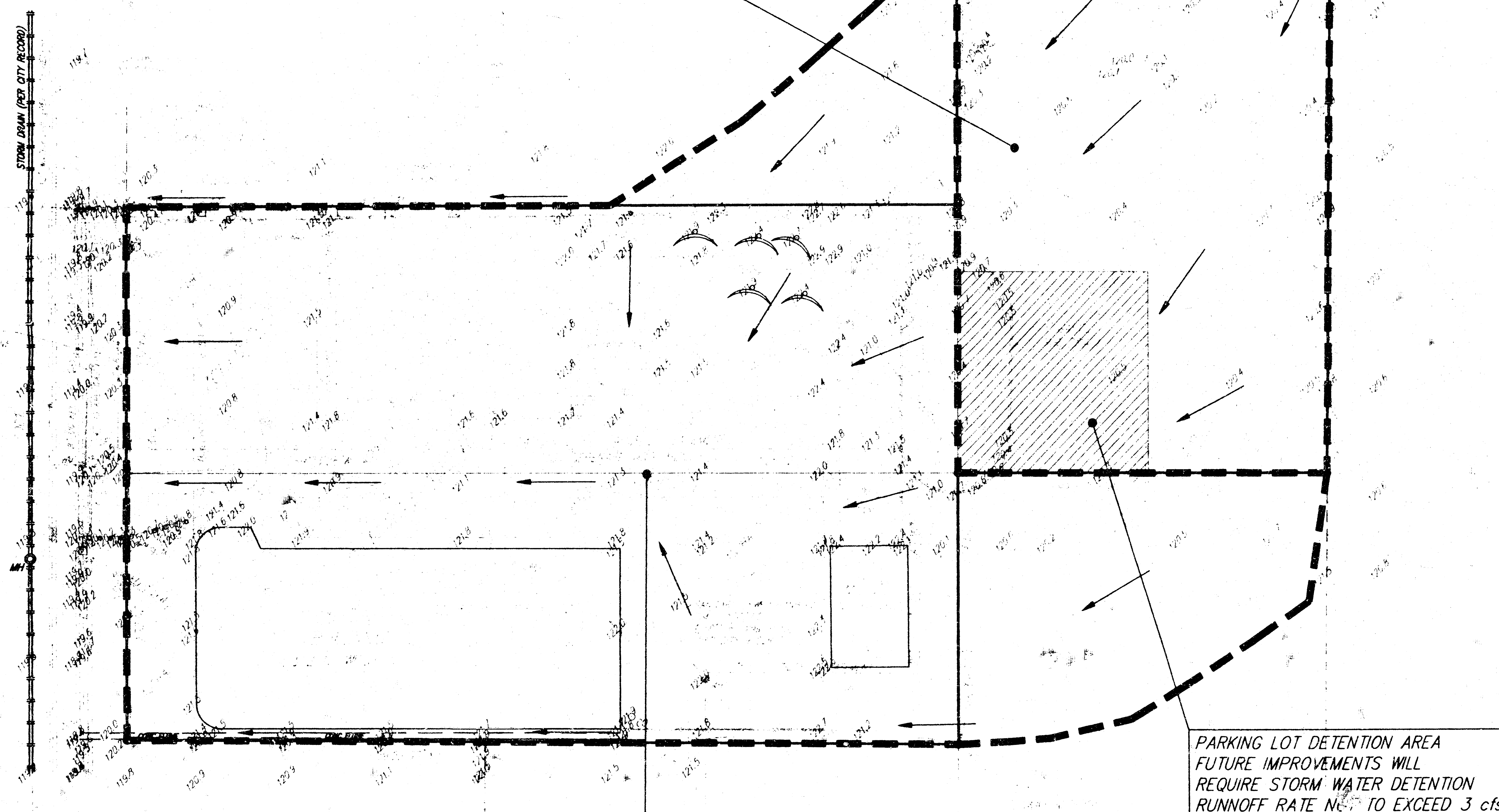


DRAINAGE PLAN

OTTAWAY 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

D.A. = 1.1 ac.
 TC = 15 min.
 $I_2 = 3.83$ in/hr
 $I_{10} = 5.22$ in/hr
 $I_{100} = 7.36$ in/hr
 $Q_2 = 3.8$ cfs
 $Q_{10} = 5.2$ cfs
 $Q_{100} = 7.3$ cfs



LEGAL DESCRIPTION:

LOT 1, OTTAWAY ADDITION, WICHITA, SEDGWICK COUNTY, KANSAS, TOGETHER WITH

THAT PORTION OF LOT 41, KNIGHT ACRES, SEDGWICK COUNTY, KANSAS, DESCRIBED AS: COMMENCING AT A POINT EQUIDISTANT BETWEEN THE NORTHEAST CORNER OF LOT 1, OTTAWAY ADDITION, AND THE SOUTHEAST CORNER OF SAID LOT 1, THENCE EAST PARALLEL WITH THE NORTH LINE OF LOT 41, KNIGHT ACRES, TO THE EAST LINE OF SAID LOT 41; THENCE NORTH ALONG THE EAST LINE OF SAID LOT 41 TO THE NORTHEAST CORNER OF SAID LOT 41; THENCE WEST ALONG THE NORTH LINE OF SAID LOT 41 TO THE NORTHWEST CORNER OF SAID LOT 41; THENCE SOUTH ALONG THE WEST LINE OF LOT 41 TO THE NORTHEAST CORNER OF LOT 1, OTTAWAY ADDITION; THENCE SOUTH ALONG THE EAST LINE OF SAID LOT 1 TO THE POINT OF BEGINNING.

D.A. = 3.5 ac.
 TC = 15 min.
 $I_2 = 3.83$ in/hr
 $I_{10} = 5.22$ in/hr
 $I_{100} = 7.36$ in/hr
 $Q_2 = 12.1$ cfs
 $Q_{10} = 16.4$ cfs
 $Q_{100} = 23.2$ cfs

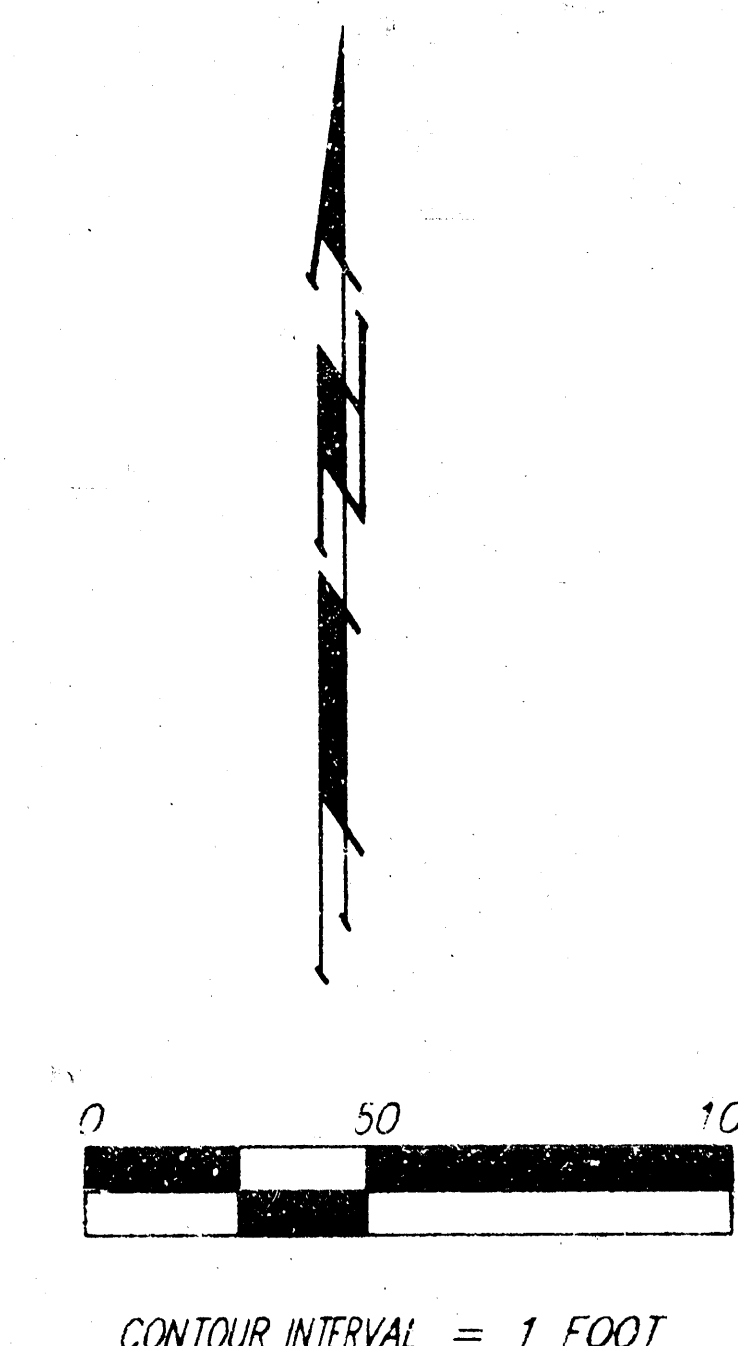
BENCH MARK:

CITY OF WICHITA BENCH MARK - DISC
 SOUTHWEST CORNER INTERSECTION.
 34' WEST AND 18' SOUTH OF CENTERLINE BOTH
 1.5' SOUTH OF BACK OF CURB.
 39.06' NORTHEAST TO NORTH IRON OF 2 IRONS.
 38.68' NORTHEAST TO SOUTH IRON OF 2 IRONS.
 11.3' NORTH NORTHWEST TO TRAFFIC SIGNAL POLE.
 ELEVATION = 118.87' (PER CITY RECORD)

OWNER:

HERBERT & MARTHA OTTAWAY
 3821 W. 11TH STREET
 WICHITA, KANSAS 67203

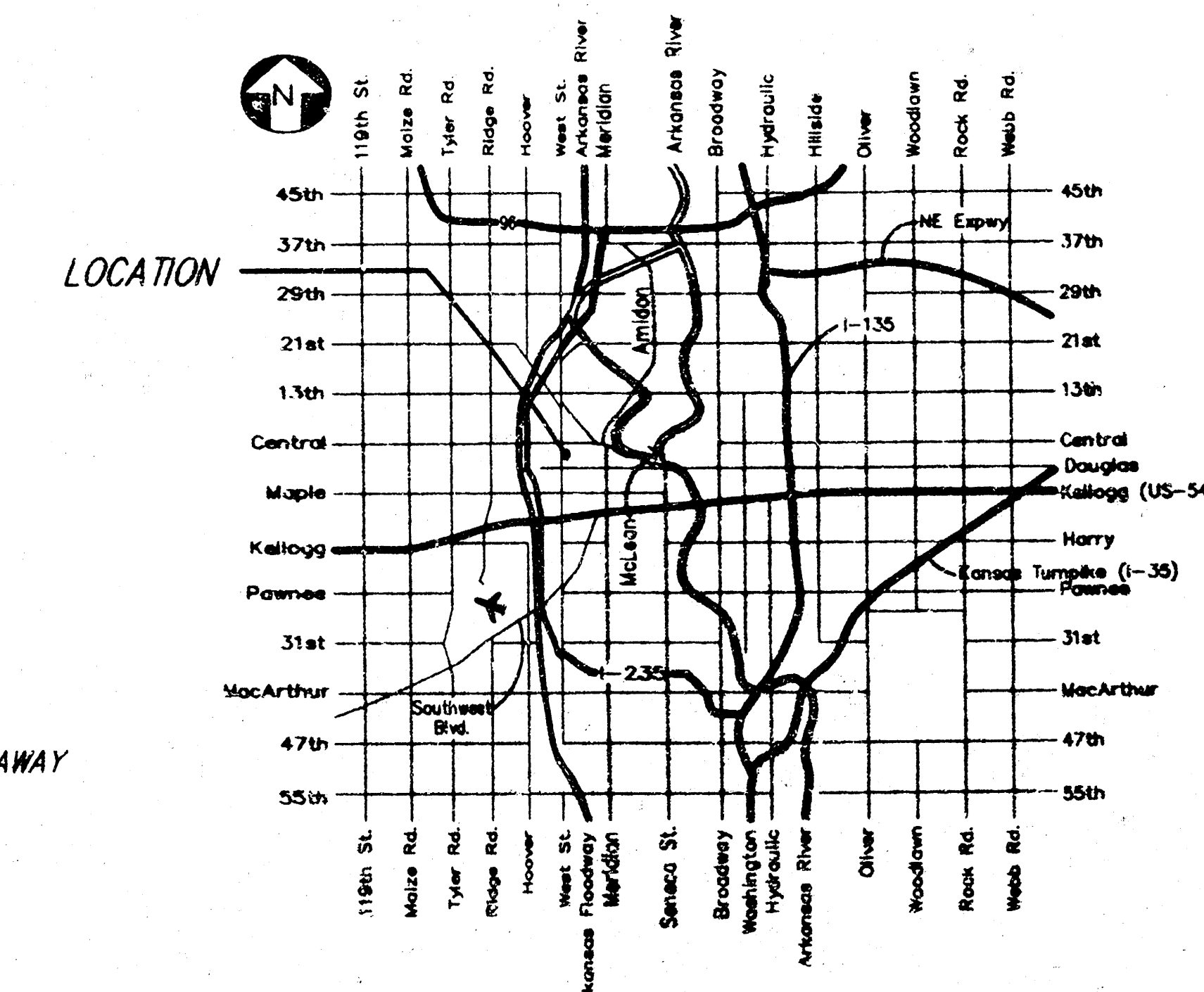
NOTE: The proposed drainage plan provided herein is a generally defined plan to follow for design. It is recognized and assumed that upon the final design of street and storm sewer improvements within this plot that the designer will modify or alter the general drainage plan as necessary in order to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



LEGEND:

- = 1/2" IRON PIN (FOUND)
- Ø = 3/4" IRON PIN (FOUND)
- X = HILT NAIL (SET)
- = THIMBLE (FOUND)
- = #4 REBAR W/ "BAUGHMAN" CAP (SET)

- U = SANITARY SEWER MANHOLE
- = SANITARY SEWER CLEANOUT
- M = STORM DRAIN MANHOLE
- FH = FIRE HYDRANT
- WM = WATER METER
- YH = YARD HYDRANT
- ICV = IRRIGATION CONTROL VALVE
- LP = POWER POLE
- LP = LIGHT POLE
- TT = TOWER TRANSFORMER
- S = SIGN
- GM = GAS METER
- GP = GUARD POST



REVISED SEPT 23, 1997
 REVISED AUG 13, 1997
 31 JULY 1997