

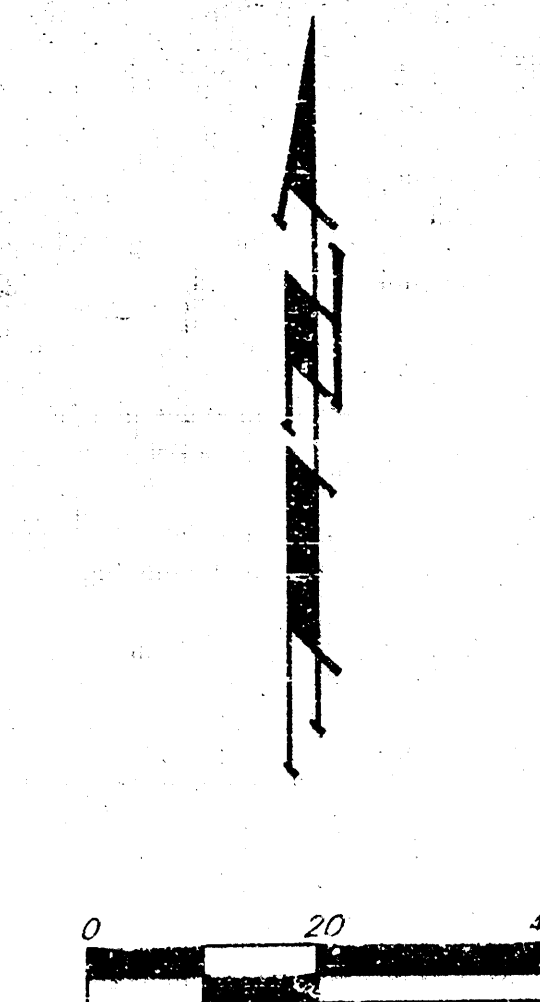
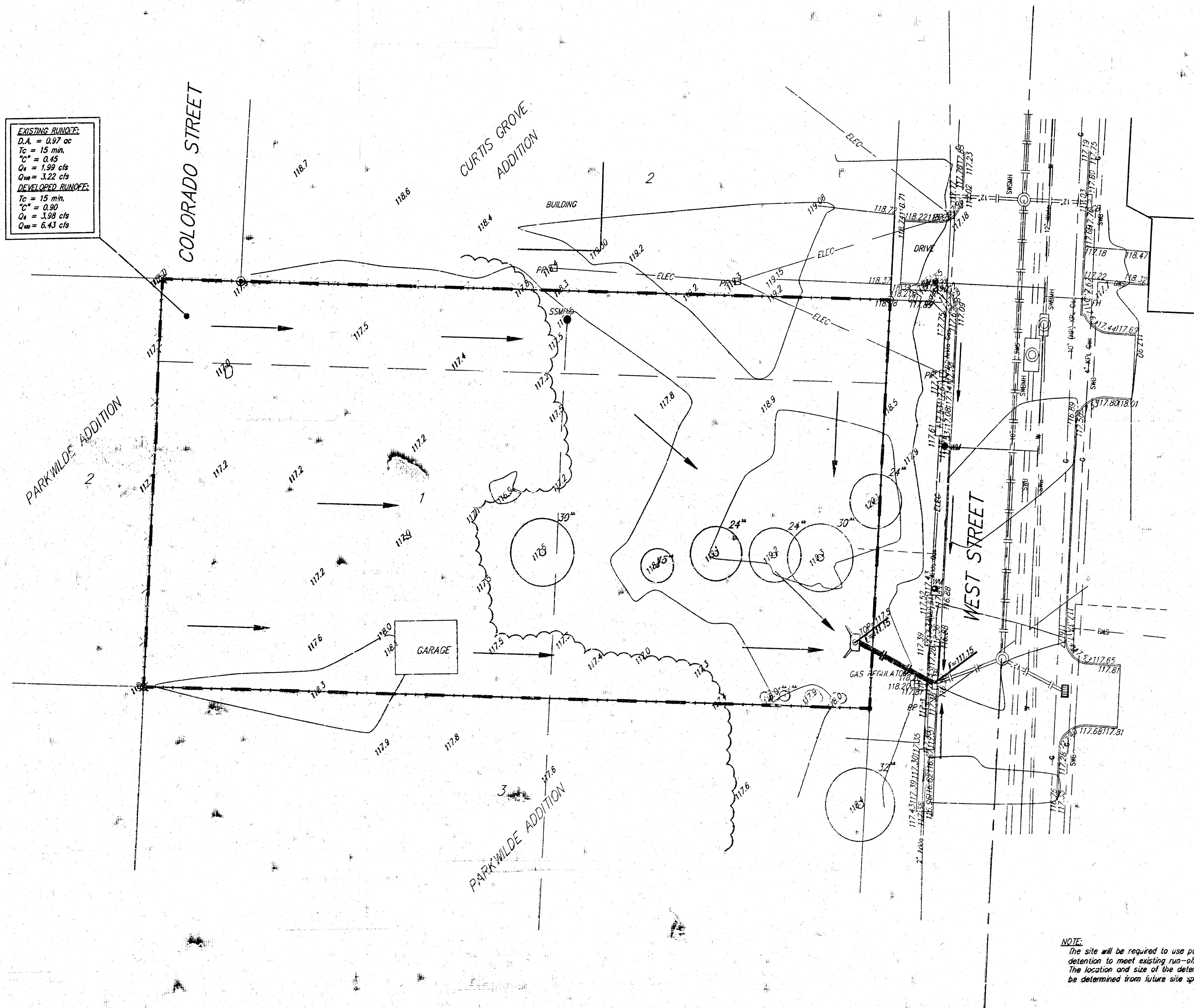
DRAINAGE PLAN

S. & D EQUIPMENT ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

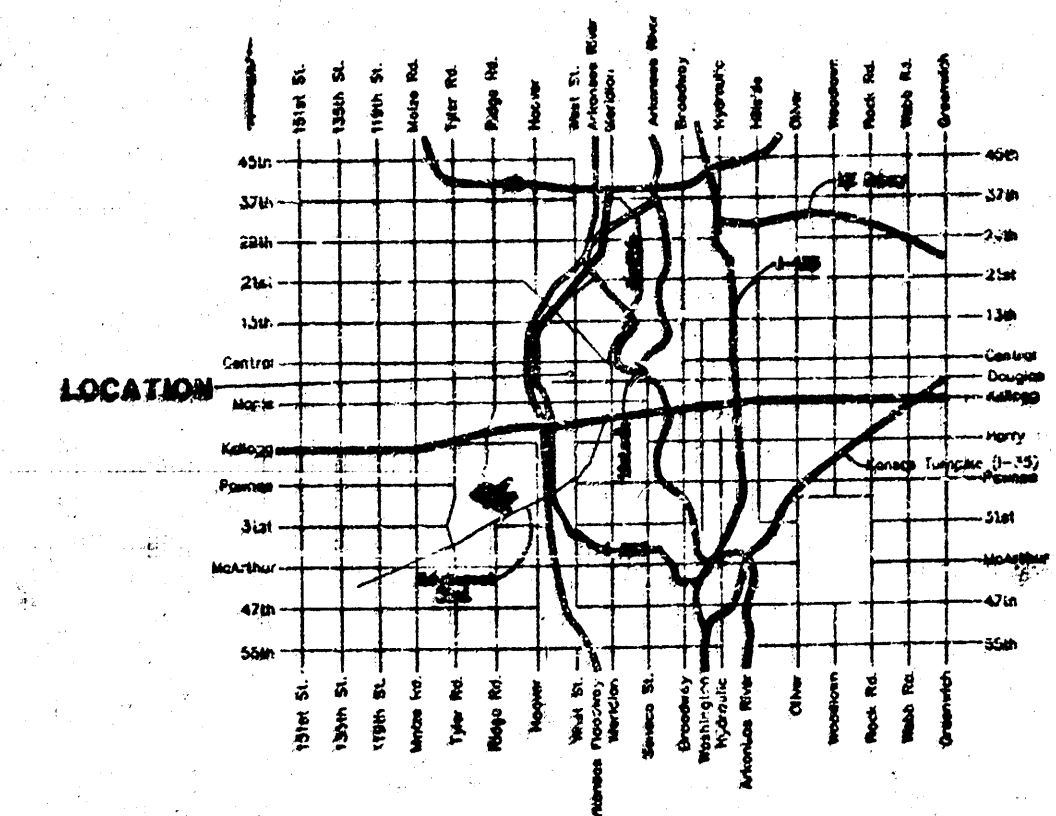
EXISTING RUNOFF:
 $D.A. = 0.97$ ac
 $T_c = 15$ min.
 $C_u = 0.45$
 $Q_u = 1.99$ cfs
 $Q_{100} = 3.22$ cfs

DEVELOPED RUNOFF:
 $T_c = 15$ min.
 $C_u = 0.90$
 $Q_u = 3.98$ cfs
 $Q_{100} = 6.43$ cfs



- = #4 REBAR W/ "BAUGHMAN" CAP (SET)
 - ⊙ = #5 REBAR W/ "ACLS" CAP (FOUND)
 - ⊗ = 1" IRON (FOUND)
 - = 1/2" IRON (FOUND)
 - = THIMBLE (FOUND)
 - ☆ = BOLT (FOUND)
 - ⊖ = RAILROAD SPIKE (FOUND)
 - ⊗ = #4 REBAR (FOUND)
- (M) = MEASURED
 (D) = DESCRIBED
 (P) = PLATTED
 (C) = CALCULATED
 (C-P) = CALCULATED PER PLATTED INFO.
 (C-D) = CALCULATED PER DEED INFO.
 (DEED) = DEED DESCRIPTION
 (C-DESC) = CALCULATED PER TRACT DESCRIPTION

- CB = Catch Basin
- PP = Power Pole
- FH = Fire Hydrant
- GU = Guard Post (Ballard)
- SSMH = Sanitary Sewer Manhole
- SWSMH = Southwestern Bell Manhole
- SWSMH = Stormwater Sewer Manhole
- T = Tree
- WM = Water Meter



NOTE:
 The site will be required to use parking lot detention to meet existing run-off conditions. The location and size of the detention area will be determined from future site specific plans.