

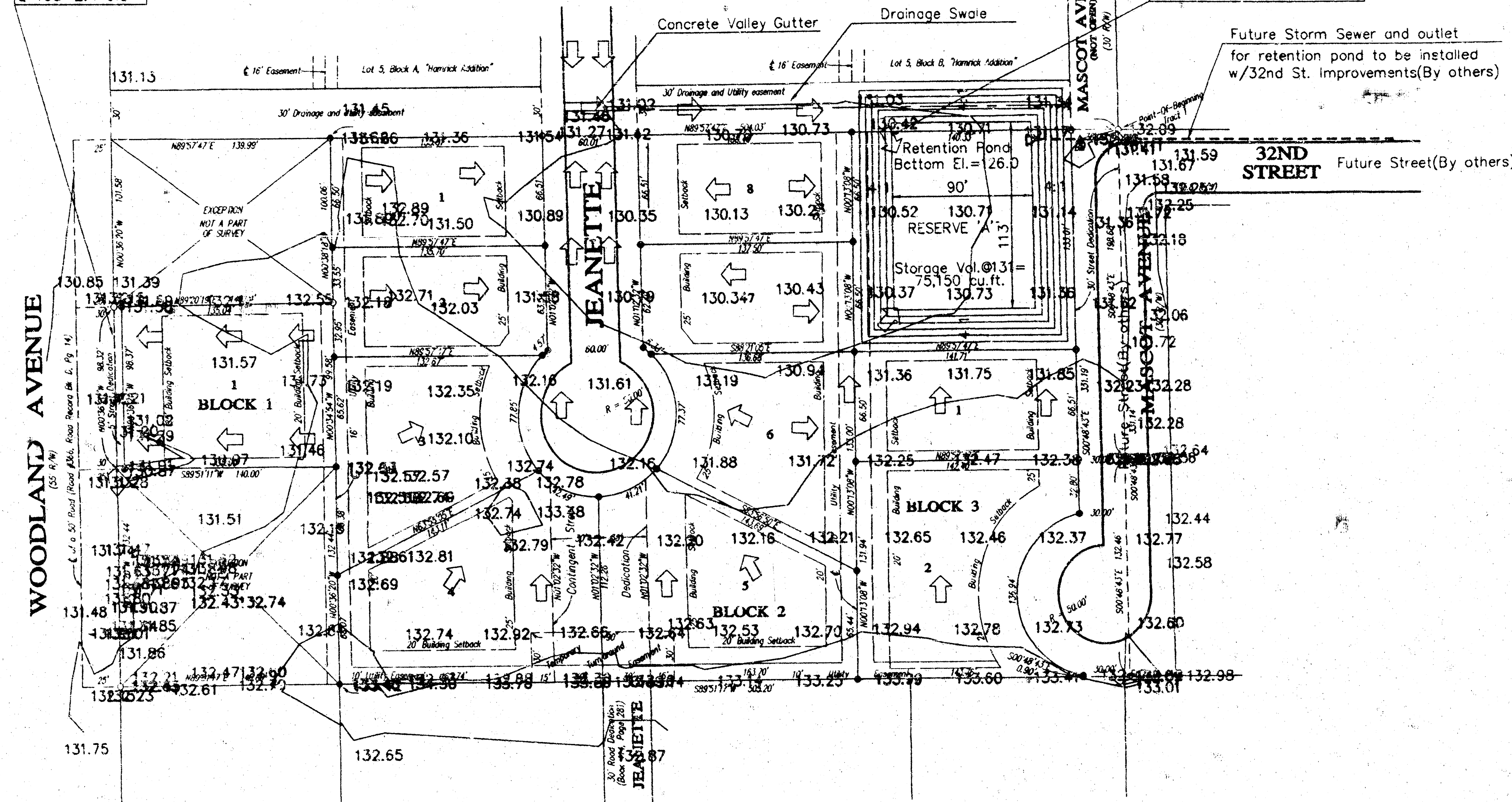
Drainage Plan for "WOODLAND GLEN"

AN ADDITION TO SEDGWICK COUNTY, KANSAS
IN THE SOUTHWEST QUARTER OF SECTION 32, T26S, R1E OF THE 6TH P.M.

DRAINAGE DATA
Area=0.31 acres
C = 0.85
Tc = 15 min.
Q 100=8.98 cfs
Q 100=2.4 cfs

DRAINAGE DATA
Area=3.9 acres
C = 0.85
Tc = 15 min.
Q 100=8.98 cfs
Q 100=29.70 cfs
Retention Pond
P 100 = 7.8"
CN=75
S=3.33
SCS Q(runoff)=4.86 inches
Vol. Runoff=68,803 cu.ft.
Max. Stage=130.7

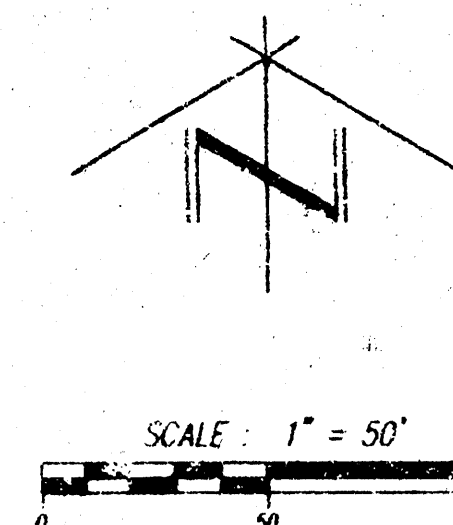
Pond water depth=4.7 feet for 100 yr. precip.
SCS Soil Type B(Urban land-Canadian complex)
Soil permeability = 2.0-6.0 in./hr.(From SCS Soil Survey)
Time to empty by percolation=4.7'x12/2" / hr.=28.2 hours
NOTE:
(Retention pond will be converted into detention pond
at a future date when storm sewer improvements are
installed in with 32nd Street paving improvements.)



BENCH MARK
Railroad spike in H.P. Northeast corner of
Proposed "Woodland Glen"
Elevation: 132.32' City Datum

OTHER EASEMENTS
"Woodland Glen" lies within the
KCE easements for pole line
shown on map. (K 155, Pg. 342,
and on map. (K 168, Pg. 355)

SETBACKS
Side-yard building setbacks are 6' unless
otherwise noted



LEGEND:

- = 4" Rebar Set with I.D. Cap
TIES TO CLS22"
- = Monument Found
- ▲ = Bench Mark
- Bearing Basis Assumed

TOPOGRAPHIC SURVEY BY:

TERRA TECH
LAND SURVEYING | INC.

DRAINAGE PLAN FOR WOODLAND GLEN ADDITION WICHITA, KS		
CERTIFIED ENGINEERING DESIGN		
438 NORTH OHIO WICHITA, KANSAS 67214 PH. (316)262-8808 FAX (316)262-0080		
DESIGNED: HOF	SCALE: 1" = 50'	SHEET 1
DRAWN: HOF	DATE: 12-2-	
CHECKED: HOF	CD FILE: WOOD_MOODP.DWG	TOTAL 1