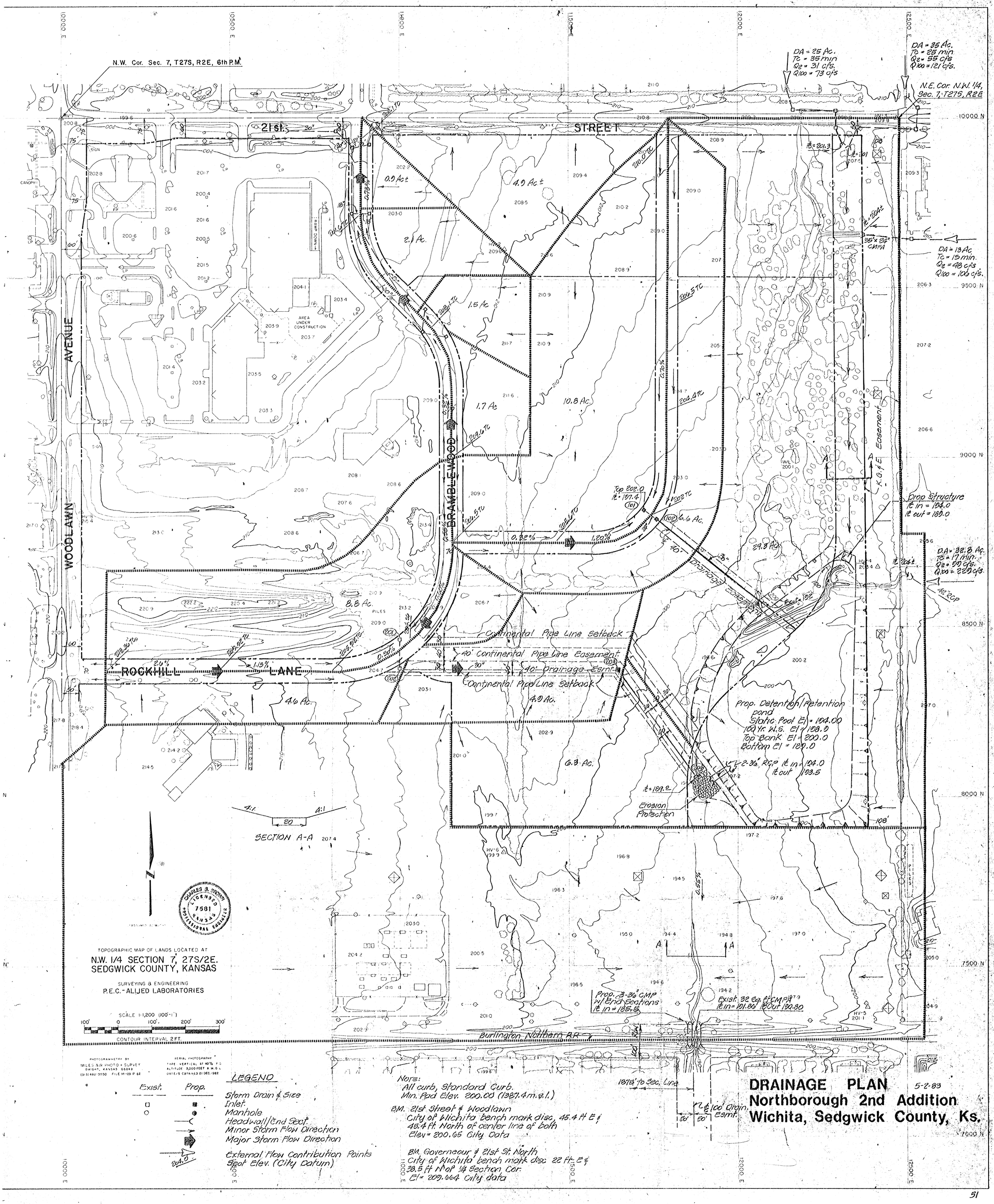
N.W. Cor. Sec. 7, T27S, R2E, 6th P.M.
21st STREET
WOODLAWN AVENUE
BRAMBLEWOOD
ROCKHILL LANE
DA = 25 Ac.
Tc = 35 min
Q2 = 31 cfs.
Q100 = 73 cfs
DA = 35 Ac.
Tc = 25 min
Q2 = 55 cfs
Q100 = 121 cfs.
N.E. Cor. N.W. 1/4, Sec. 7, T27S, R2E
DA = 13 Ac
Tc = 15 min.
Q2 = 48 cfs
Q100 = 106 cfs.
35" x 24" CMPA
Drop Structure
Ft in = 194.0
Ft out = 189.0
DA = 32.8 Ac.
Tc = 17 min.
Q2 = 90 cfs.
Q100 = 220 cfs.
42" RCP
Continental Pipe Line Setback
40' Continental Pipe Line Easement
40' Drainage Esmt.
Prop. Detention/Retention pond
Static Pool El = 194.00
100 Yr. W.S. El = 198.0
Top Bank El = 200.0
Bottom El = 189.0
2-36" RCP Ft in = 194.0
Ft out 193.5
Erosion Protection
Prop. 3-36" CMP w/ End Sections
Exist. 32 sq. ft CMPA
Burlington Northern RR
SECTION A-A
TOPOGRAPHIC MAP OF LANDS LOCATED AT
N.W. 1/4 SECTION 7, 27S/2E.
SEDGWICK COUNTY, KANSAS
SURVEYING & ENGINEERING
P.E.C.-ALLIED LABORATORIES
SCALE 1:1,200 (100'-1")
CONTOUR INTERVAL 2 FT.
PHOTOGRAMMETRY BY
MILES AIR PHOTO + SURVEY
DAIGHT, KANSAS 66849
(913) 492-3550 FILE M-123 P 82
AERIAL PHOTOGRAPHY
TYPE VERTICAL AT 40% F.O.
ALTITUDE 3,000 FEET A.M.G.L.
DATE/S OBTAINED 21 DEC. 1982
LEGEND
Exist. Prop.
Storm Drain & Size
Inlet
Manhole
Headwall/End Sect
Minor Storm Flow Direction
Major Storm Flow Direction
External Flow Contribution Points
Spot Elev. (City Datum)
Note:
All curb, Standard Curb.
Min. Pad Elev. 200.00 (1327.4 m.s.l.)
B.M. 21st Street & Woodlawn
City of Wichita bench mark disc, 45.4 ft E & 45.4 ft North of center line of both
Elev = 200.65 City Data
B.M. Governeour & 21st St. North
City of Wichita bench mark disc 22 ft E & 38.5 ft N of 1/4 Section Cor.
El = 209.664 City data
DRAINAGE PLAN 5-2-83
Northborough 2nd Addition
Wichita, Sedgwick County, Ks.