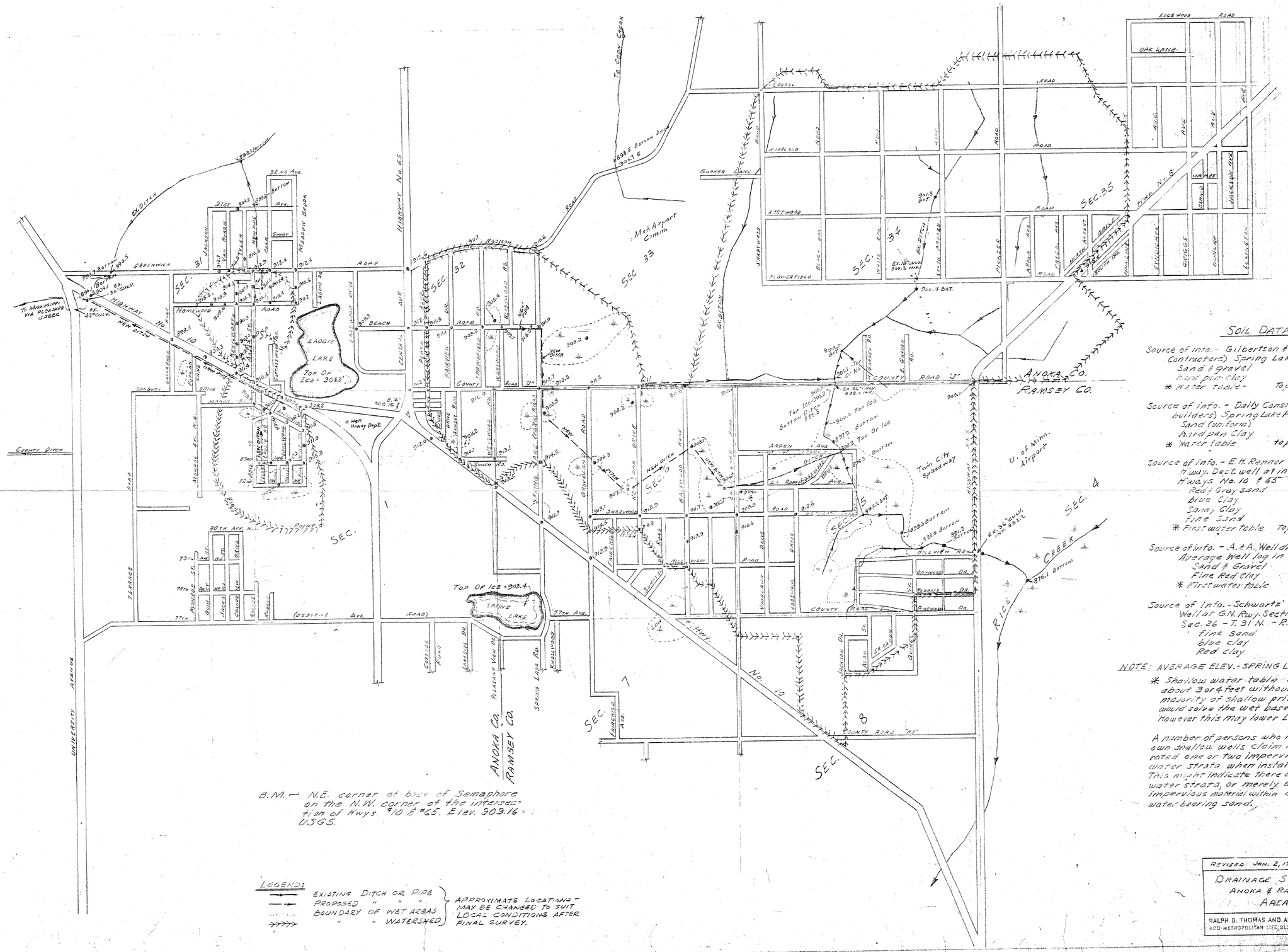

SOIL DATA

Source of info. - Gilbertson & Surface (Cesspool Contractors) Spring Lake Park.

Sand & gravel	0 - 26 feet deep
Hard pan clay	26 - 35 " "
* Water table -	Top - 5 to 26 " - bottom

Source of info. - Daily Construction Co. (house builders) Spring Lake Park

Sand (uniform)	0 - 28 ft. deep
Hard pan Clay	28 - ? " "
* Water table	top - 5 to 28 " bottom

Source of info. - E.H. Renner (Well Drilling)
Hway. Dept. well at intersection of State Hways No. 10 & 65

Red & Gray sand	0 - 49 ft. deep
Blue Clay	49 - 60 " "
Sandy Clay	60 - 70 " "
Fine Sand	70 - 120 " "
* First water table	top - 6 to 49 " bottom

Source of info. - A. & A. Well drillers Mpls.
Average Well log in Spring Lake Park

Sand & Gravel	0 - 30 ft. deep
Fine Red clay	30 - 50 to 150 deep
* First water table	5 to 30 bottom

Source of Info. - Schwartz' Book (Metr. Area)
Well at G.N. Rwy. Section house - Coon Creek
Sec. 26 - T. 31 N. - R. 24 W. Elev. 886

Fine sand	0 - 26 feet deep
Blue clay	26 - 41 " "
Red clay	41 - 114 " "

NOTE: AVERAGE ELEV. - SPRING LAKE PARK = 900. (U.S.G.S.)

* Shallow water table could be lowered about 3 or 4 feet without affecting the majority of shallow private wells, and would solve the wet basement problem. However this may lower Laddie Lake.

A number of persons who have driven their own shallow wells claim they have penetrated one or two impervious layers between water strata when installing 10 to 20 ft. wells. This might indicate there are separate shallow water strata, or merely scattered layers of impervious material within one larger body of water-bearing sand.

REVISED JAN. 2, 1953	DWN. RHE	CHD.	MTS. APP. R.R.H.
DRAINAGE SYSTEM No. 3 ANOKA & RAMSEY Co., MINN. AREA MAP			DATE 3-6-52 DRAWN BY R.W.A. SCALE 1" = 1000' DRAWING NO. 791-1

RALPH D. THOMAS AND ASSOCIATES, INC., ENGINEERS
400 METROPOLITAN LIFE BLDG., MINNEAPOLIS 1, MINNESOTA

AF501