

SURVEY RECORD

JOB NO. 120-4512	DATE 7/1-65
NAME Leonard Ruechel	
ADDRESS 2862 Omro Rd., Oshkosh, Wisc.	
PHONE 231-6774	

Description

Soils investigation & report in the SE-SW of
Sec. 21, T18N, R16E, Town of Algoma, Winnebago Co., Wisc.

SURVEY MADE BY:	COST	DATE	PRICE 120 ⁰⁰ INVOICE NO.
J.V.V. - 10 -	50.00	July, 1965	
T.C. - 10 -	50.00		
F.C. - 5 -	20.00		
	120.00		

Remarks:

Call 5:00 to 5:30

Winnebago Co

August 20, 1965

Mr. Leonard Ruechel
2862 Omro Road
Oshkosh, Wisconsin

Dear Mr. Ruechel,

At your request, on July 8 and 9, 1965, we took sample soil percolation tests in the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 21, T18N, R16E, Town of Algoma, Winnebago County, Wisconsin. Upon digging the holes for the tests, I was inclined to believe that the soils were not desirable for subdividing. However, the percolation rates indicated that the soils readily absorbed water.

I then called Mr. Gregory A. Vander Velden of the State Board of Health to find out if he had done any work in this area or if he was familiar with this type of soil. He said that he was going to be in the area a few days later and would map the soils if I could be there to aid him.

On July 20, 1965, we did this and I am enclosing a sketch he made and his letter dated July 21, 1965 with regard to this investigation.

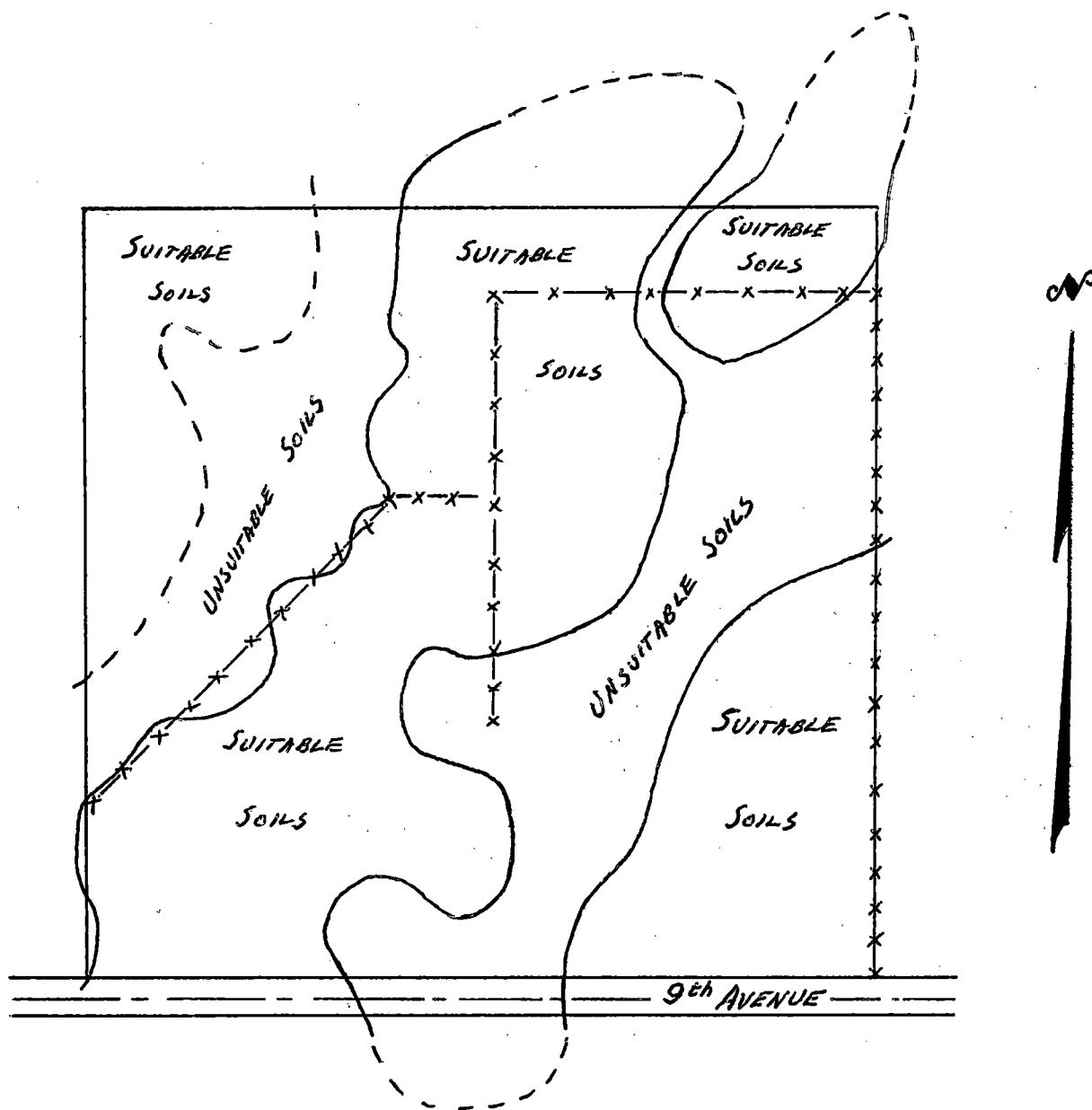
Mr. Vander Velden then contacted a soils expert at the University of Wisconsin and I am enclosing a copy of his letter dated July 27, 1965 with his comments.

Sincerely,

Frank M. Charlesworth, Jr.

SE 1/4, SW 1/4, SECTION 21, T18N, R16E

TOWN OF ALGOMA, WINNEBAGO COUNTY



RESULTS - SOILS FIELD EXAMINATION

JULY 20, 1965

FRANK M. CHARLESWORTH JR., SURVEYOR

G A VANDER VELDEN, STATE BOARD OF HEALTH

SCALE 1" = 300'

KEY

— SOIL BOUNDARIES DEFINED
- - - SOIL BOUNDARIES ESTIMATED

7-21-65



The State of Wisconsin

STATE BOARD OF HEALTH

MADISON 53701

SANITARY ENGINEERING

DIVISIONS

AIR POLLUTION CONTROL	PUBLIC SEWERAGE
HOTELS AND RESTAURANTS	PUBLIC WATER SUPPLIES
OCCUPATIONAL HEALTH	WATER POLLUTION CONTROL
PLUMBING	WELL DRILLING AND
RADIATION PROTECTION	SANITATION SERVICES

OFFICE: 1 W. WILSON STREET
MAIL ADDRESS: P.O. Box 309

July 21, 1965

Mr. Frank M. Charlesworth, Jr.
Registered Surveyor
Room 37, Court House Annex
Appleton, Wisconsin

Dear Mr. Charlesworth:

Enclosed herewith is a map of the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$, Section 21, T18N, R16E, Town of Algoma, Winnebago County, showing areas containing soils unsuitable for residential development without public sewers as determined during the writer's observations of soils in this area on July 20, 1965.

We will contact the University Soils Department to discuss soils occurring in the area and will advise you as to conclusions reached.

Very truly yours,

G. A. Vander Velden
Associate Public Health Engineer

dv
enc.

GILBERT BOND

#4 - ^{Brown} Top Soil - 9"

9"-24" Red Sandy loam.

24"-36" - Mottled grey sandy loam.

#3 0-8" - Brown top soil

8"-18" - Red sandy loam.

18"-36" - Mottled grey clay

#2 0-10" - Brown top soil

10"-22" - Mottled clay loam.

22"-30" - Reddish-yellow sand.

#1 0-10" - Brown top Soil

10"-17" - Hard Red Clay

17"-24" - " " " & gravel

#5: 0-10" - Brown top soil

10"-24" - Yellow sand (fine)

24"-30" Gray Mottled sand

#6 - 0-10" - Brown top Soil

10"-18" - Yellow sand

18"-30" Mottled grey & yellow sand.

#7 - 0-12" - Brown top soil

12"-26" - Yellow sand

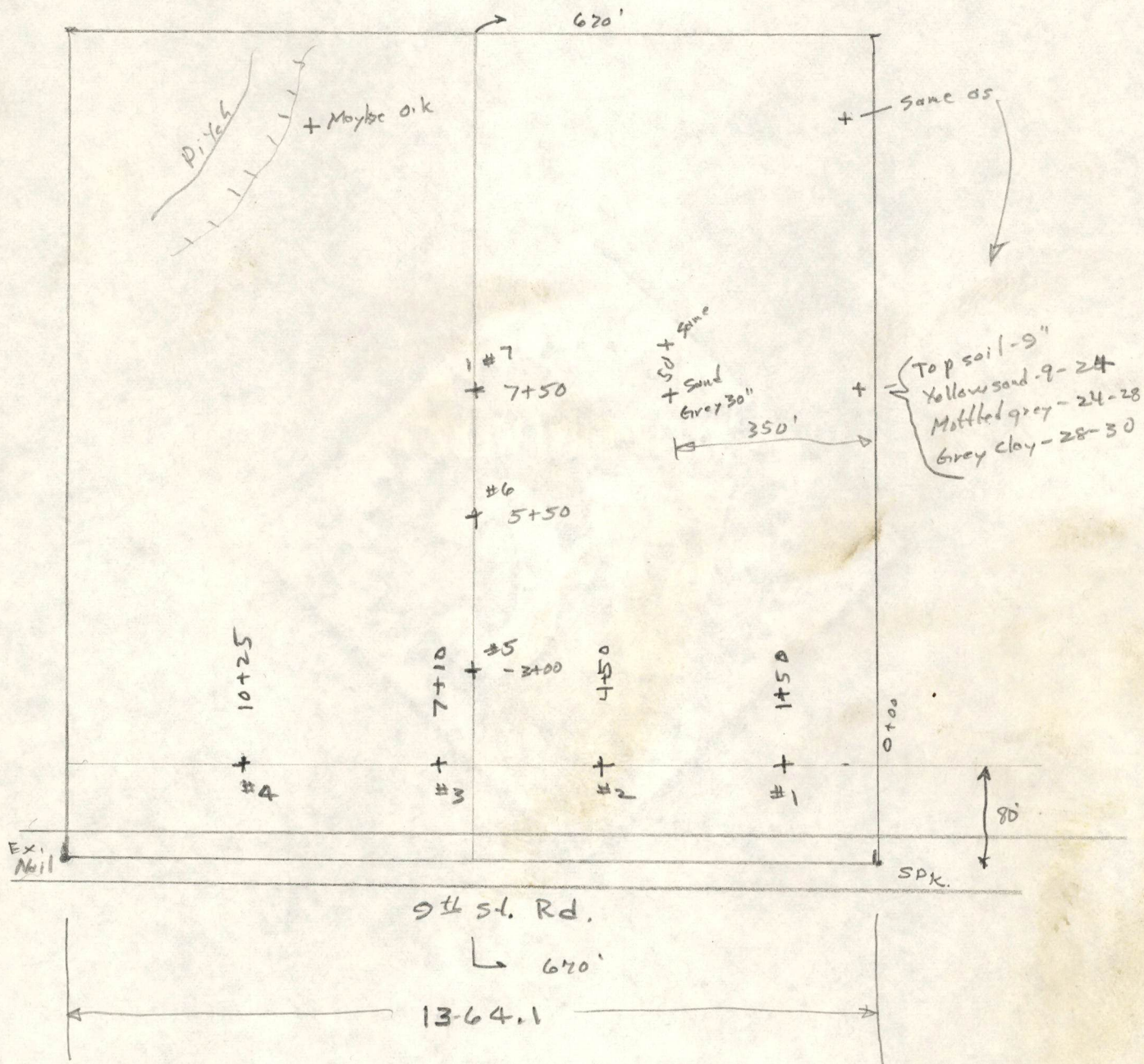
26"-30" - Mottled grey & yellow sand.

Leonard Pollock
2480 9th St. Rd.

buyer Leonard Rueckel - 231-6774

2862 Omro Rd, Oshkosh

best time to call - 5-5:30



250
x 306
236
14

Hole #

DRY
5

DRY
6

DRY
7

Time	Reading	Drop	Time	Reading	Drop
10:15	13 $\frac{7}{8}$		10:19	13 $\frac{1}{8}$	
10:45	23	— 9 $\frac{1}{8}$	10:49	22 $\frac{5}{8}$	— 9 $\frac{3}{8}$
10:46	13 $\frac{1}{4}$	—	10:50	13 $\frac{1}{4}$	—
11:16	22	— 8 $\frac{3}{4}$ 10 min	11:20	22 $\frac{1}{2}$	— 9 $\frac{1}{4}$
11:17	13 $\frac{7}{16}$	—	12:30	22	
11:27	17 $\frac{7}{16}$	— 4	12:40	24 $\frac{1}{2}$	— 2 $\frac{1}{2}$
11:37	20 $\frac{1}{16}$	— 2 $\frac{5}{8}$	12:41	22 $\frac{3}{8}$	
11:38	13 $\frac{5}{8}$		12:51	24 $\frac{1}{8}$	— 1 $\frac{6}{8}$
11:48	17 $\frac{3}{8}$	— 3 $\frac{7}{8}$	12:52	21 $\frac{1}{2}$	
11:58	19 $\frac{1}{16}$	— 2 $\frac{5}{16}$	1:02	23 $\frac{1}{2}$	— 2
11:59	13 $\frac{1}{2}$		1:03	21 $\frac{3}{4}$	
12:09	17 $\frac{7}{16}$	— 3 $\frac{15}{16}$	1:13	23 $\frac{3}{4}$	— 2
12:19	19 $\frac{3}{4}$	— 2 $\frac{5}{16}$	1:14	21 $\frac{9}{16}$	
			1:24	23 $\frac{1}{2}$	— 1 $\frac{15}{16}$
			1:25	21 $\frac{3}{8}$	
			1:35	23 $\frac{3}{8}$	— 2

$$= 2 \frac{5}{16}$$

$$= 2$$

Time	Reading	Drop
10:23	18	
10:53	26	— 8
10:54	18 $\frac{3}{8}$	—
11:24	25 $\frac{1}{2}$	— 7 $\frac{1}{8}$
12:35	21	
12:45	24	— 3
12:46	21 $\frac{1}{8}$	
12:56	23 $\frac{1}{2}$	— 2 $\frac{3}{8}$
12:57	21 $\frac{5}{8}$	
1:07	23 $\frac{15}{16}$	— 2 $\frac{5}{16}$
1:08	21 $\frac{5}{8}$	
1:18	23 $\frac{3}{4}$	— 2 $\frac{1}{8}$
1:19	21 $\frac{1}{4}$	
1:29	23 $\frac{5}{8}$	— 2 $\frac{1}{8}$
1:30	out of range	
1:40		

$$= 2 \frac{1}{8}$$

GILBERT
RADIANCE BOND
75% COTTON FIBRE

7-9-65

Pollack Farm OshKosh

Hole # 1

10:23 — $15\frac{3}{4} - 19 = 3\frac{1}{4}$
 10:53 — $15\frac{3}{4} - 18\frac{5}{8} = 2\frac{7}{8}$
 11:23 — $14\frac{3}{8} - 17\frac{5}{8} = 3\frac{1}{4}$
 11:53 — $15 - 17\frac{7}{8} = 2\frac{7}{8}$
 12:23 — $14\frac{5}{8} - 17\frac{3}{8} = 2\frac{7}{8}$
 12:53 — $14\frac{3}{4} - 17\frac{5}{8} = 2\frac{7}{8}$
 1:23 —
 1" = 10 Min.

Hole # 2

10:26 — $20\frac{3}{8} - 25\frac{1}{4} = 4\frac{7}{8}$
 10:56 — $20\frac{1}{4} - 24\frac{3}{4} = 4\frac{1}{2}$
 10:26 — $19\frac{1}{4} - 24\frac{1}{8} = 4\frac{7}{8}$
 11:56 — $18\frac{7}{8} - 23\frac{3}{4} = 4\frac{7}{8}$
 12:26 — $18\frac{3}{4} - 23\frac{3}{4} = 5$
 12:56 — $19\frac{3}{8} - 24\frac{1}{8} = 4\frac{3}{4}$

Hole # 3

10:29 — $19\frac{1}{4} - 22\frac{1}{2} = 3\frac{1}{4}$
 10:59 — $17\frac{3}{8} - 21\frac{1}{8} = 3\frac{3}{4}$
 10:29 — $16\frac{5}{8} - 20\frac{3}{4} = 4\frac{1}{8}$
 11:59 — $17 - 20\frac{7}{8} = 3\frac{7}{8}$
 12:29 — $16\frac{1}{8} - 20 = 3\frac{7}{8}$
 12:59 — $15\frac{5}{8} - 19\frac{3}{4} = 4\frac{1}{8}$

Hole # 4

10:32 — $16\frac{1}{4} - 21\frac{1}{2} = 5\frac{1}{4}$
 11:02 — $16\frac{1}{8} - 20\frac{3}{8} = 4\frac{1}{4}$
 11:32 — $16\frac{1}{4} - 20\frac{1}{4} = 4$
 12:02 — $16 - 20 = 4$
 12:32 — $16\frac{1}{8} - 20\frac{1}{8} = 4$
 1:02