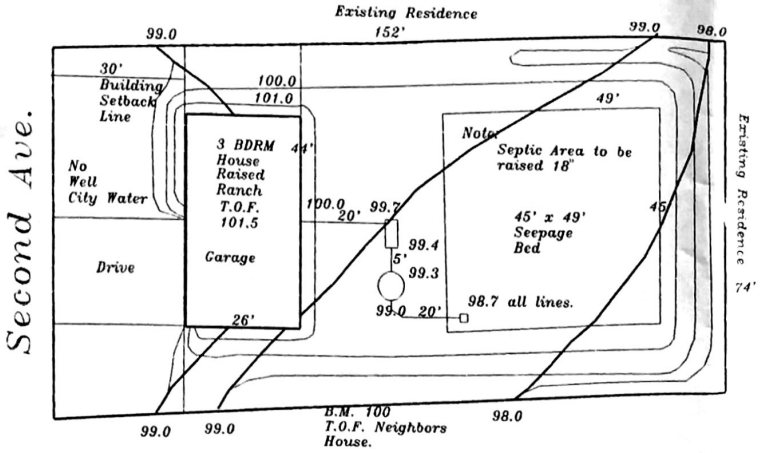

Note:

The local government agency requires that this aeration unit must be maintained biannually to ensure proper waste water discharge standards. The MULTI-FLO unit must be maintained by an authorized service distributor. Therefore, a maintenance contract is required on this unit for as long as the unit is in existence at the property.

Date: Feb. 9, 1996

Scale: 1"=20'

Legend:
A. 500 gal. Septic Tank
B. 500 gal. Multi-Flo
C. 2205 sq. ft. Seepage Bed.
D.

Septic not designed for installation of garbage grinder.

No wells found witin 75' of septic area.

Septic Area is to be roped off.

Owner:

Jim Huddleston

For:

Lots 85,86 part 87
Second Ave. Elgin, 60123

Septic Designed By:

Warfel's Multi-Flo

County & State Licenced
#006 & #049-002280

SOIL SUITABILITY FIELD DATA SHEET

Lot Less 33.84 x more of E' Rib - Fox River Germans
Note File No. SF437/95

Topography Mostly Level 0-2% Existing Residence Vacant Lot & Commercial

Profile No. 1
Soil Pit Soil Boring 2
Slope 1 %

Parent Material fill/loess/loamy outwash

Depth	Color	Texture	Mottles	Structure	Consistence	Permeability
0-7	10yr3/2	sil fill		mass.	Friable	Upper Moderate
7-31	10yr3/1,5/8	sil,sicl,cl fill		mass.	Firm	Moderately Slow
31-41	10yr3/1	sil		2vfabk	Friable	Upper Moderate
41-60	10yr6/2	l		mass.	Friable	Lower Moderate

Depth to Seasonal High Water Table 31" Depth to Observed Water none
Depth to Mod. Slow or Slow permeability 7-31 sand layer

Profile No. 2
Soil Pit Soil Boring 4
Slope 1 %

Parent Material fill/loess/loamy & sandy outwash

Depth	Color	Texture	Mottles	Structure	Consistence	Permeability
0-7	10yr2/1	sil fill		mass.	Friable	Upper Moderate
7-24	10yr2/1	sil		2vfabk	Friable	Upper Moderate
24-36	10yr4/1	sil		1fabk	Friable	Upper Moderate
36-41	10yr4/2	l		mass.	Friable	Lower Moderate
41-60	10yr6/2	s		s.g.	Friable	Rapid

Depth to Seasonal High Water Table 7" Depth to Observed Water 41"
Depth to Mod. Slow or Slow permeability none

Remarks

Boring #1-- 152 Drummer Filled

Boring #2-- 152 Drummer Filled

JOHN A. RABER & ASSOCIATES, INC.
4314-A Crystal Lake Road
Mchenry, Illinois 60050

Bruce J. Mowbray, C.P.S.S/S.C.
ARCPACS No. 1530
IECA No. 51

Test Date 10/26/95

SOIL SUITABILITY FIELD DATA SHEET
(Continued)

File No. SF437/95

Profile No. 3
Soil Pit Soil Boring 6
Slope 1 %

Parent Material fill/loess/silty & sandy outwash

Depth	Color	Texture	Mottles	Structure	Consistence	Permeability
0-5	10yr2/1	sicl fill		mass.	Friable	Lower Moderate
5-15	10yr2/1	sicl		2vfabk	Friable	Upper Moderate
15-28	10yr4/4	sicl		2fabk	Friable	Upper Moderate
28-41	10yr4/4	sicl		1fsr	Friable	Lower Moderate
41-60	10yr6/2	ls		mass.	Friable	Moderately Rapid

Depth to Seasonal High Water Table 7" Depth to Observed Water 41"
Depth to Mod. Slow or Slow Permeability none

Profile No. 4
Soil Pit Soil Boring 8
Slope 1 %

Parent Material fill/loess/loamy, silty & sandy outwash

Depth	Color	Texture	Mottles	Structure	Consistence	Permeability
0-7	10yr2/1	sicl fill		mass.	Friable	Lower Moderate
7-15	10yr2/1	sicl		2vfabk	Friable	Upper Moderate
15-21	10yr4/2	sicl		1fabk	Friable	Upper Moderate
21-41	10yr6/2	l		mass.	Friable	Upper Moderate
41-47	10yr6/2	sil		mass.	Firm	Moderately Slow
47-60	10yr6/2	s		s.g.	Loose	Rapid

Depth to Seasonal High Water Table 7" Depth to Observed Water 47"
Depth to Mod. Slow or Slow Permeability 41"

Remarks

Boring #3-- 152 Drummer Soil Series

Boring #4-- 152 Drummer Soil Series

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Mchenry, Illinois 60050

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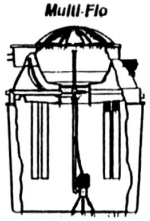
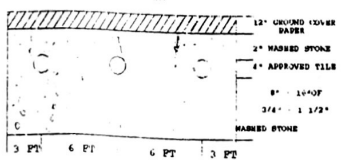
Test Date 10/26/95

Multi-Flo



Seepage Bed Detail