

SOIL EVALUATION DATA SHEET

Ingham County Health Department
P. O. Box 30161 Lansing, Michigan 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by BEN PRICE

Address 5320 M-36

Stockbridge 49285

Phone # 517-851-8555

- ☐ Land Owner ☐ Realtor
☐ Prospective Buyer ☐ Builder
☐ Installer ☐ Other:

Township Stockbridge Section 2

Road Location BROGAN RD

1320' So. of Kinsey rd

Subdivision _____

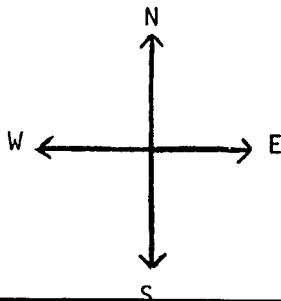
Lot No. _____ Side of Road W

File Search _____

Parcel No. 33- _____

Soil Survey Sheet No. 16-16-02-400-003

Parcel Size 40 ac



PLOT PLAN

1" = 25'

Lot 3

Lot 2

Lot 1

9

5 8

4

6

2 7

3 1

PERMIT

Road Location _____

Permit No. 33-
(after issuance)

Test #	1	2	3	4	5
Type of Test	BH	BH	BH	BH	BH
Depth	6'	4 1/2'	5'	5'	5'
Each test hole located on Plot Plan by number	13" O TS ↓ LS (MT) from 4' 4 1/2' - (MT) SL 6' -	15" O TS ↓ LS (MT) from 40" 4 1/2' -	16" O TS ↓ LS 2' - L Coarse S (MT) 5' - 3' - (MT) SL at 5'	13" O TS ↓ S# LS 5' - (MT) SL at 5'	13" O TS ↓ LS (MT) from 36" 5' -

SOIL TEXTURE

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	(MT)	Seasonal High Water Level (mottling)
SiL	Silty Loam	M	Muck	(WL)	Water Level (saturation)

Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
☐ 2) Impervious layer within 48" of ground surface.
☐ 3) High seasonal water level.
☐ 4) Wet depressions or poor surface drainage.
☐ 5) Slope limitations (exceeds %).
☐ 6) Overflow of run-off water from adjacent higher areas.
☐ 7) Insufficient space for replacement of drainfield.
☐ 8) Insufficient isolation distance from _____.

Observations, stipulations: _____

Observer: _____

Sanitarian: MA Banghart RS. Date: 10-28-97

SOIL EVALUATION DATA SHEET

Ingham County Health Department
P. O. Box 30161 Lansing, Michigan 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by BEN PRICE

Township Stockbridge Section 2

Address 5320 M-36

Road Location BROGAN RD

Stockbridge 49255

1320' So. of Kimsey Rd

Phone # 517-851-8555

Subdivision _____

- ☐ Land Owner ☐ Realtor
☐ Prospective Buyer ☐ Builder
☐ Installer ☐ Other:

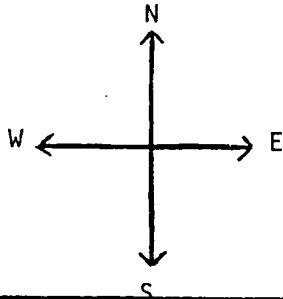
Lot No. _____ Side of Road W

File Search _____

Parcel No. 33- _____

Soil Survey Sheet No. 16-16-02-400-003

Parcel Size 40 ac



PLOT PLAN

1" = 25'

Lot 3

Lot 2

Lot 1

B
R
O
G
A
N
R
D

East of lot 1

Road Location _____

Permit No. 33-_____
(after issuance)

Test #	6	7	8	9	10
Type of Test	BH	BH	BH	BH	BH
Depth	5'	5'	6'	2'	30"
Each test hole located on Plot Plan by number	15" O TS ↓ LS 5' — (MT) SL at 5'	15" O TS ↓ LS 5' — (MT) at 5' in SL	15" O TS ↓ LS 4 1/2' — 5' — 6' — SL (MT) CL (MT)	13" O TS ↓ SL 19" — 24" — CL (MT) at 24"	12" O TS ↓ Gravelly LS 30" — (MT) CL at 30"

SOIL TEXTURE

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	(MT)	Seasonal High Water Level (mottling)
SiL	Silty Loam	M	Muck	(WL)	Water Level (saturation)

Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
☐ 2) Impervious layer within 48" of ground surface.
☐ 3) High seasonal water level.
☐ 4) Wet depressions or poor surface drainage.
☐ 5) Slope limitations (exceeds %).
☐ 6) Overflow of run-off water from adjacent higher areas.
☐ 7) Insufficient space for replacement of drainfield.
☐ 8) Insufficient isolation distance from _____.

Observations, stipulations: _____

Observer: _____

Sanitarian: MA Banghart RS Date: 10-28-97

SOIL EVALUATION DATA SHEET

App # 4-28-97-202

Ingham County Health Department
P. O. Box 30161 Lansing, Michigan 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by BEN PRICE

Township Stockbridge Section 2

Address 5320 M-36

Road Location Brogan Rd

Stockbridge 49285

1320' So. of Kunsey

Phone # 517-851-8555

Subdivision _____

- ☒ Land Owner ☐ Realtor
☐ Prospective Buyer ☐ Builder
☐ Installer ☐ Other:

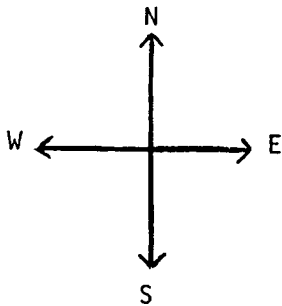
Lot No. _____ Side of Road W

File Search _____

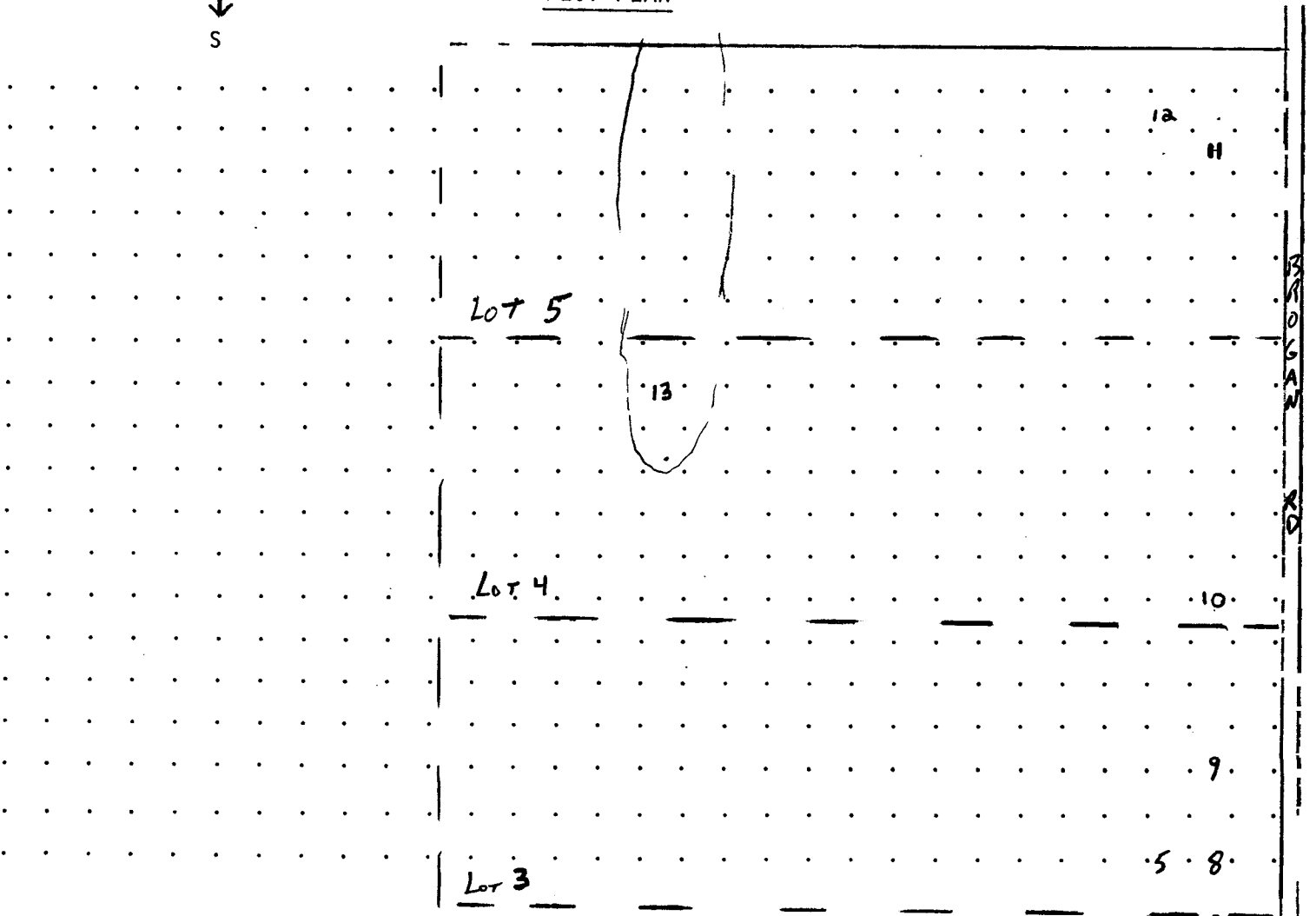
Parcel No. 33- 16-16-02-400-003

Soil Survey Sheet No. _____

Parcel Size 40 ac



PLOT PLAN



Test #	5	8	9	10	11
Type of Test	BH	BH	BH	BH	BH
Depth	5'	6'	2'	30"	2'
Each test hole located on Plot Plan by number	13" O TS ↓ LS (CMT) from 36" ↓ 5' —	15" O TS ↓ LS 4 1/2' — ↓ SL (MT) 5' — ↓ CL 6' — ↓ (MT)	13" O TS ↓ SL 19" — ↓ CL 24" — ↓ CL (MT) at 24"	12" O TS ↓ granular LS 30" — ↓ (MT) CL at 30"	13" O TS ↓ SL 19" — ↓ CL 24" — ↓ (MT) at 24"

SOIL TEXTURE

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	(MT)	Seasonal High Water Level (mottling)
SiL	Silty Loam	M	Muck	(WL)	Water Level (saturation)

Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
☐ 2) Impervious layer within 48" of ground surface.
☐ 3) High seasonal water level.
☐ 4) Wet depressions or poor surface drainage.
☐ 5) Slope limitations (exceeds %).
☐ 6) Overflow of run-off water from adjacent higher areas.
☐ 7) Insufficient space for replacement of drainfield.
☐ 8) Insufficient isolation distance from _____.

Observations, stipulations: _____

Observer: _____

Sanitarian: _____

MA Banghart RS

Date: _____

10-28-97

SOIL EVALUATION DATA SHEET

App # 4-28-97-202

Ingham County Health Department
P. O. Box 30161 Lansing, Michigan 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by BEN PRICE

Township Stockbridge Section 2

Address 5320 M-36

Road Location Brogan Rd

Stockbridge 49285

1320' S. of Kinsey

Phone # 517-851-8555

Subdivision _____

- ☒ Land Owner ☐ Realtor
☐ Prospective Buyer ☐ Builder
☐ Installer ☐ Other:

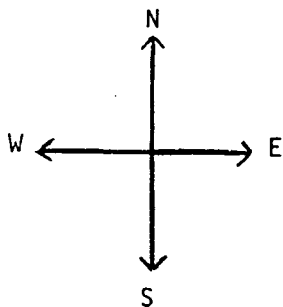
Lot No. _____ Side of Road W

File Search _____

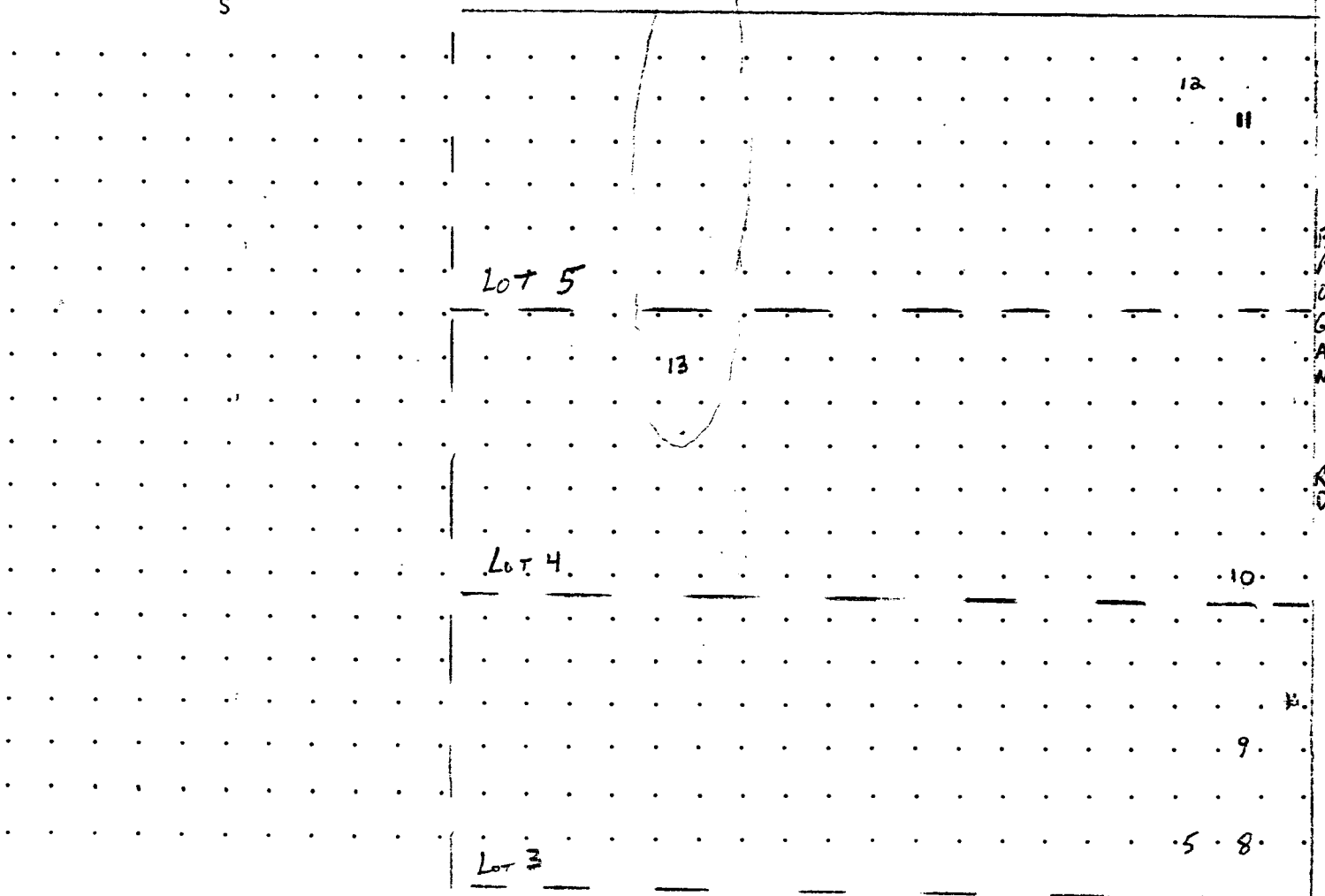
Parcel No. 33- 16-16-02-400-003

Soil Survey Sheet No. _____

Parcel Size 40 ac



PLOT PLAN



Road Location _____

Permit No. 33-
(after issuance) _____

Test #	12	13			
Type of Test	BH	BH			
Depth	30"	3 1/2'			
Each test hole located on Plot Plan by number	12" O TS ↓ gravelly LS ↓ 30" (MT) CL at 30"	14" O TS ↓ LS & S ↓ 3 1/2' - from 2' (MT) CL at 3 1/2'			

SOIL TEXTURE

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	(MT)	Seasonal High Water Level (mottling)
SiL	Silty Loam	M	Muck	(WL)	Water Level (saturation)

Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
☐ 2) Impervious layer within 48" of ground surface.
☐ 3) High seasonal water level.
☐ 4) Wet depressions or poor surface drainage.
☐ 5) Slope limitations (exceeds %).
☐ 6) Overflow of run-off water from adjacent higher areas.
☐ 7) Insufficient space for replacement of drainfield.
☐ 8) Insufficient isolation distance from _____.

Observations, stipulations: _____

Observer: _____

Sanitarian: _____

M. B. Langhant RS.

Date: _____

10-28-97

SOIL EVALUATION DATA SHEET

App # 4-28-97-202

Ingham County Health Department
P. O. Box 30161 Lansing, Michigan 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by BEN PRICE

Township Stockbridge Section 2

Address 5320 M-36

Road Location Brogan Rd

Stockbridge 49285

1320' S. of Kinsey

Phone # 517-851-8555

Subdivision _____

- ☒ Land Owner ☐ Realtor
☐ Prospective Buyer ☐ Builder
☐ Installer ☐ Other:

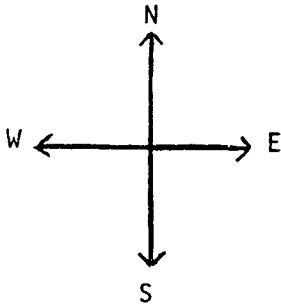
Lot No. _____ Side of Road W

File Search _____

Parcel No. 33- 16-16-02-400-003

Soil Survey Sheet No. _____

Parcel Size 40 ac



PLOT PLAN

EASEMENT

17

19

18

Lot 7

1 = 25'

Lot 6

16

14

15

Lot 5

12

11

Road Location _____

Permit No. 33-
(after issuance)

Test #	11	12	14	15	16
Type of Test	BH	BH	BH	BH	BH
Depth	2'	30"	3'	4'	3'
Each test hole located on Plot Plan by number	13" O TS ↓ SL 19" — ↓ CL 24" — (MT) at 24"	12" O TS ↓ gravelly LS 30" — (MT) CL at 30"	15" O TS ↓ SF LS (MT) 3' —	15" O TS ↓ S (MT) from 2' 4' —	15" O TS ↓ LS L (MT) from 2' 3' —

SOIL TEXTURE

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	(MT)	Seasonal High Water Level (mottling)
SiL	Silty Loam	M	Muck	(WL)	Water Level (saturation)

Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
☐ 2) Impervious layer within 48" of ground surface.
☐ 3) High seasonal water level.
☐ 4) Wet depressions or poor surface drainage.
☐ 5) Slope limitations (exceeds %).
☐ 6) Overflow of run-off water from adjacent higher areas.
☐ 7) Insufficient space for replacement of drainfield.
☐ 8) Insufficient isolation distance from _____.

Observations, stipulations: _____

Observer: _____

Sanitarian: MA Banghart RS Date: 10-28-97

SOIL EVALUATION DATA SHEET

App # 4-25-97-202

Ingham County Health Department
P. O. Box 30161 Lansing, Michigan 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by BEN PRICE

Township Stockbridge Section 2

Address 5320 M-36

Road Location Brogan Rd

Stockbridge 49285

1320' S. of Kinsey

Phone # 517-551-8555

Subdivision _____

- ☒ Land Owner ☐ Realtor
☐ Prospective Buyer ☐ Builder
☐ Installer ☐ Other:

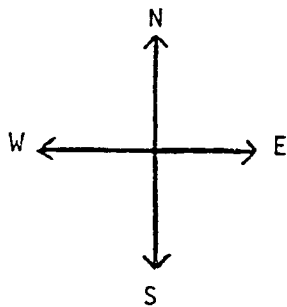
Lot No. _____ Side of Road W

File Search _____

Parcel No. 33- 16-16-02-400-003

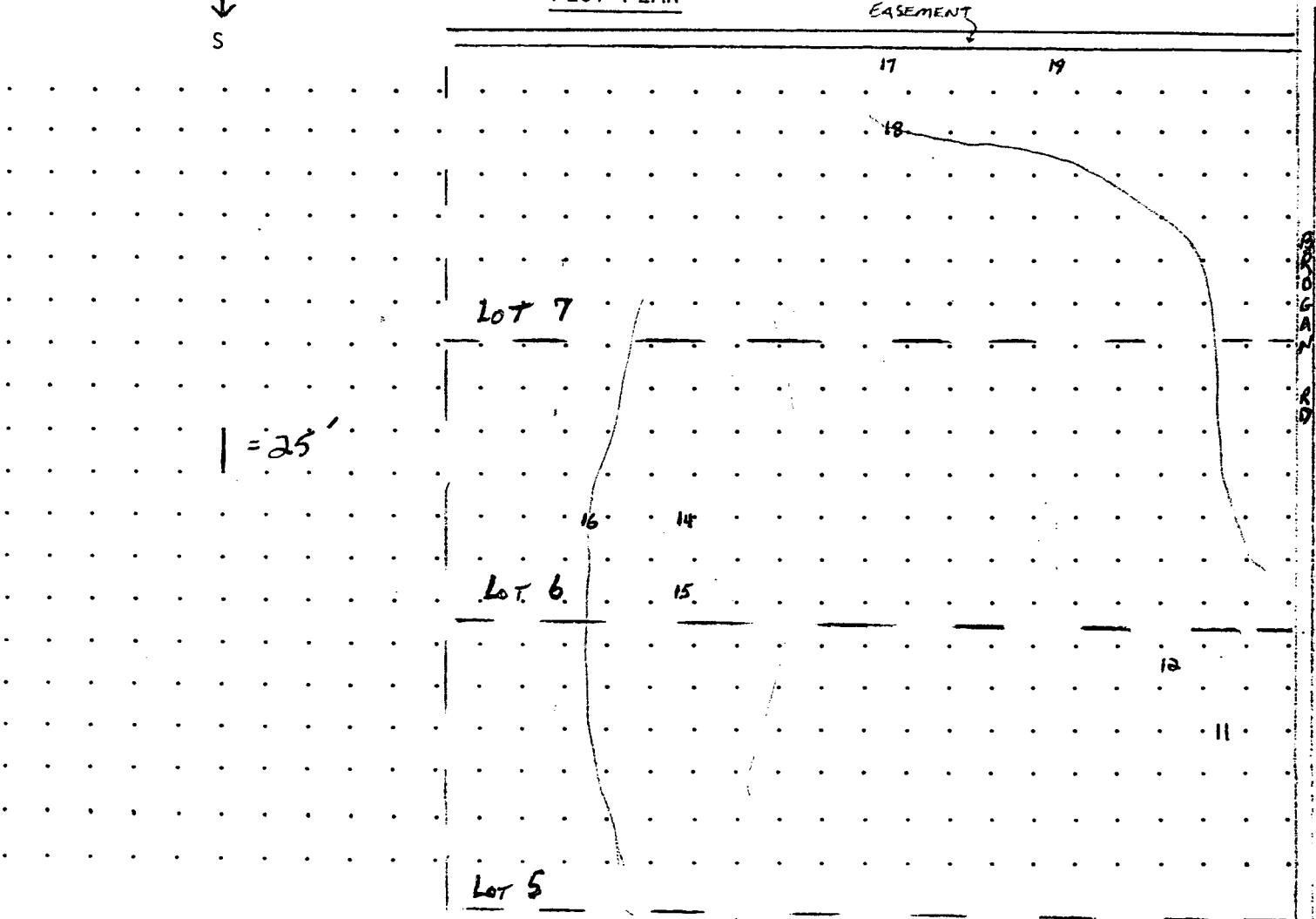
Soil Survey Sheet No. _____

Parcel Size 40 ac



PLOT PLAN

EASEMENT



Road Location _____

Permit No. 33-
(after issuance) _____

Test #	17	18	19		
Type of Test	BH	BH	BH		
Depth	3'	4 1/2'	3'		
Each test hole located on Plot Plan by number	11" O TS ↓ L Coarse S ↓ 3' - SL (MT) at 3'	12" O TS ↓ LS ↓ 3' - (MT) SsS ↓ 3 1/2' - (MT) S ↓ 4 1/2' -	10" O TS ↓ LS & SL ↓ 3' - (MT) Very Fine S to SsS at 3'		

SOIL TEXTURE

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	(MT)	Seasonal High Water Level (mottling)
SiL	Silty Loam	M	Muck	(WL)	Water Level (saturation)

Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
☐ 2) Impervious layer within 48" of ground surface.
☐ 3) High seasonal water level.
☐ 4) Wet depressions or poor surface drainage.
☐ 5) Slope limitations (exceeds %).
☐ 6) Overflow of run-off water from adjacent higher areas.
☐ 7) Insufficient space for replacement of drainfield.
☐ 8) Insufficient isolation distance from _____.

Observations, stipulations: _____

Observer: _____

Sanitarian: MA Banghart RS. Date: 10-28-97

SOIL EVALUATION DATA SHEET

APR 2

4-28-97-202

Ingham County Health Department
P. O. Box 30161 Lansing, Michigan 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by BEN PRICE

Township Stockbridge Section 2

Address 5320 M-36

Road Location BRIGAN RD

Stockbridge 49285

1320' So. of Kinney

Phone # 517 851-8555

Subdivision M4 B

- ☐ Land Owner ☐ Realtor
☐ Prospective Buyer ☐ Builder
☐ Installer ☐ Other:

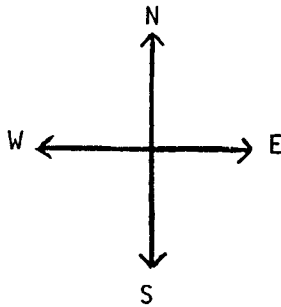
Lot No. _____ Side of Road W

File Search _____

Parcel No. 33- _____

Soil Survey Sheet No. 16-16-02-400-003

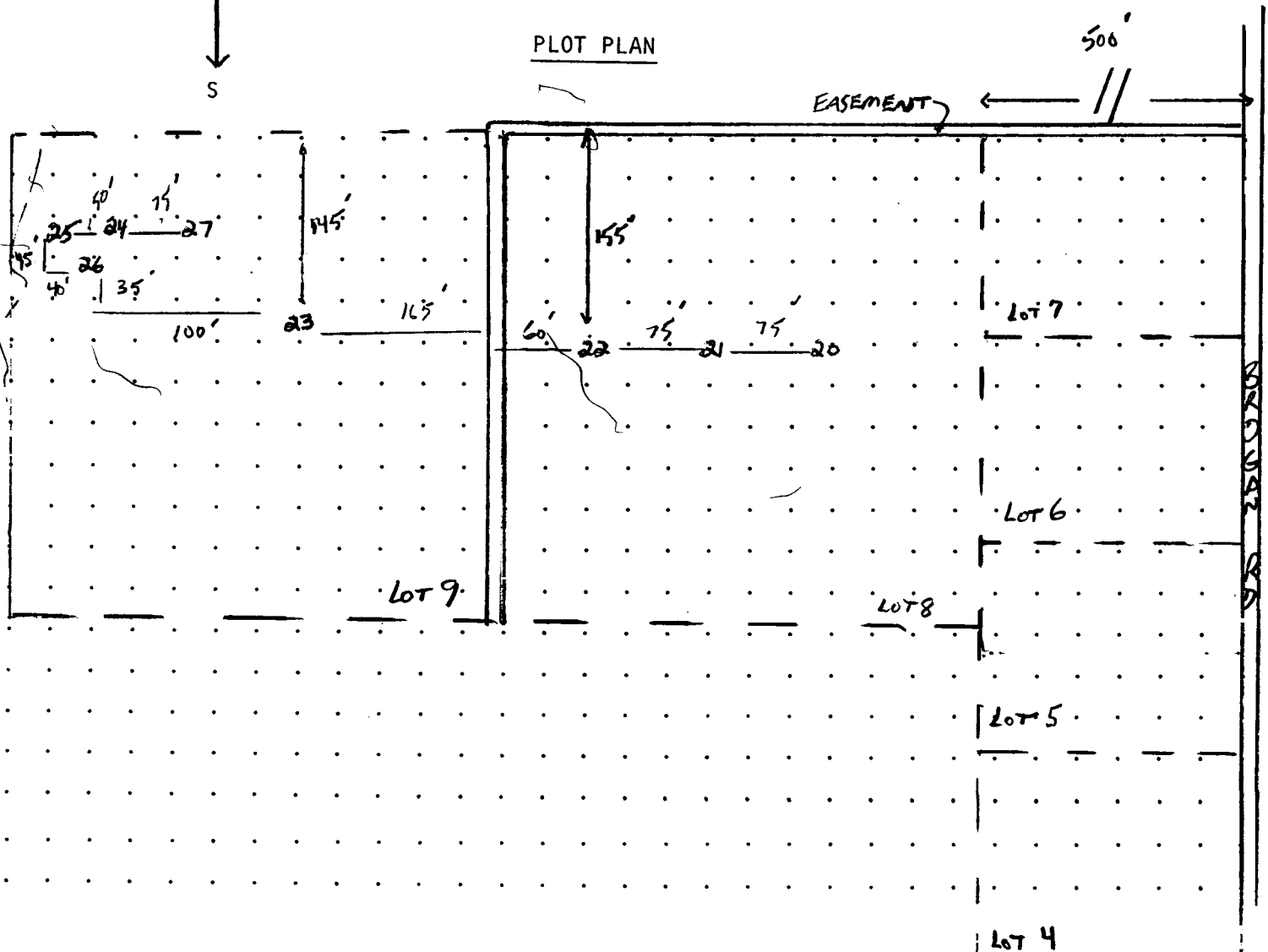
Parcel Size 40 ac



PLOT PLAN

EASEMENT

500'



Road Location _____

Permit No. 33-
(after issuance) _____

Test #	20	21	22	23	24
Type of Test	BH	BH	BH	BH	BH
Depth	3'	5'	5'	6'	6'
Each test hole located on Plot Plan by number	15" O TS ↓ LS (MT) 3' - (MT) CL at 3'	15" O TS ↓ L Fine S (MT) 2' - Loamy Med to Coarse S 5' - (MT) Fine Sat S at 5' (WL) at 5'	12" O TS ↓ L Coarse S 5' - (MT) from 3' - Sat at 4'	11" O TS ↓ L Fine S (MT) from 2' - 3' - (MT) 2 Coarse S 6' - (WL) at 6'	14" O TS ↓ L med S & med S 3' - SL 4' - (MT) Coarse S & gravel 6' - (WL) at 6'

SOIL TEXTURE

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	(MT)	Seasonal High Water Level (mottling)
SiL	Silty Loam	M	Muck	(WL)	Water Level (saturation)

Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
☐ 2) Impervious layer within 48" of ground surface.
☐ 3) High seasonal water level.
☐ 4) Wet depressions or poor surface drainage.
☐ 5) Slope limitations (exceeds %).
☐ 6) Overflow of run-off water from adjacent higher areas.
☐ 7) Insufficient space for replacement of drainfield.
☐ 8) Insufficient isolation distance from _____.

Observations, stipulations: _____

Observer: _____

Sanitarian: MA Bangert RK Date: 10.28.97

SOIL EVALUATION DATA SHEET

APR 2

4-28-97-202

Ingham County Health Department
P. O. Box 30161 Lansing, Michigan 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by BEN PRICE

Township Stockbridge Section 2

Address 5320 M-36

Road Location BROGAN PI

Stockbridge 49285

1320' So. of Kimsey

Phone # 517 851-8555

Subdivision M4 B

- ☐ Land Owner ☐ Realtor
☐ Prospective Buyer ☐ Builder
☐ Installer ☐ Other:

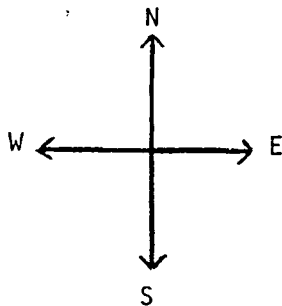
Lot No. _____ Side of Road W

File Search _____

Parcel No. 33- _____

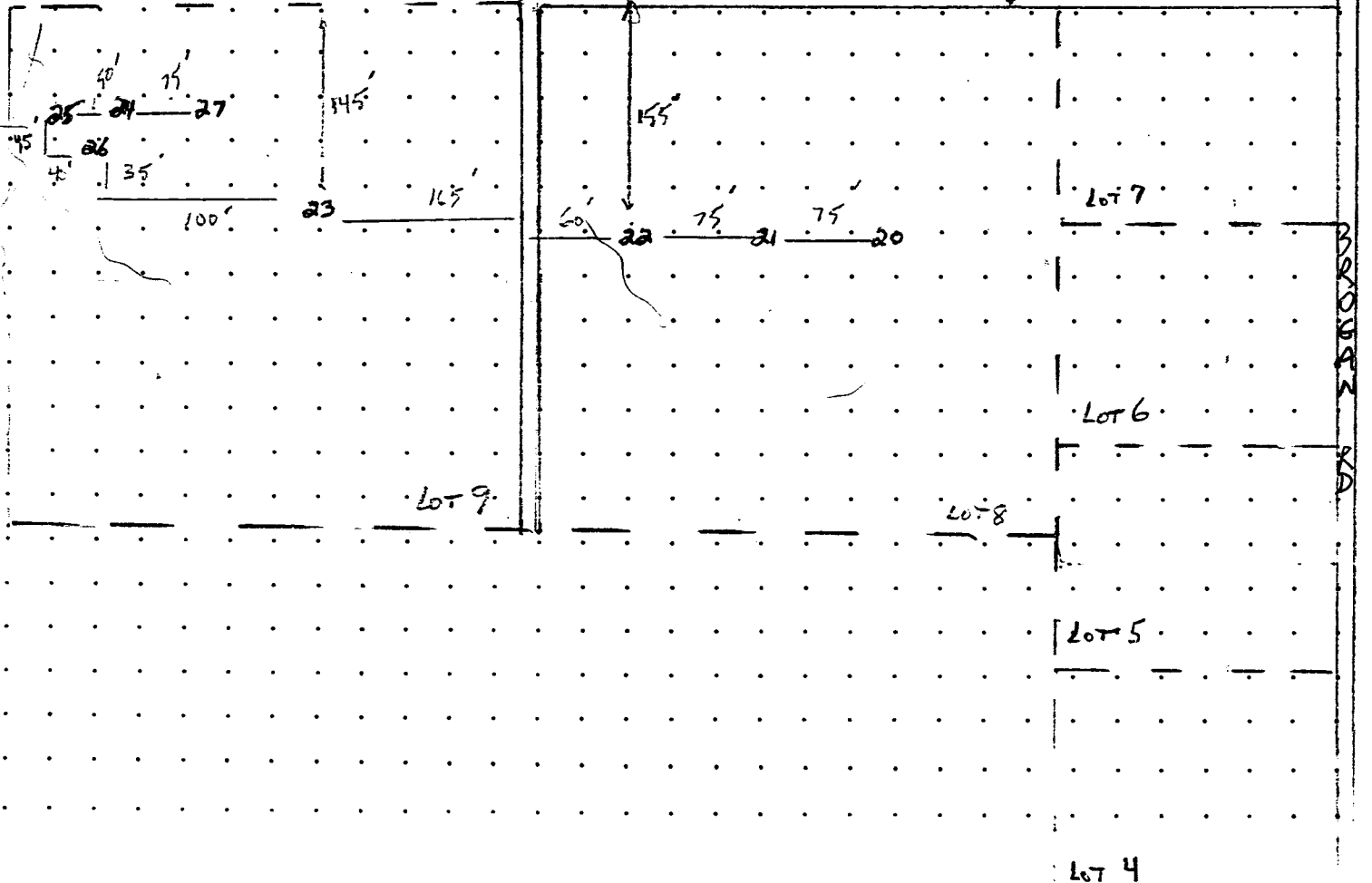
Soil Survey Sheet No. 16-16-02-400-003

Parcel Size 40 ac



PLOT PLAN

EASEMENT 500'



Road Location _____

Permit No. 33-
(after issuance) _____

Test #	25	26	27		
Type of Test	BH	BH	BH		
Depth	4'	3'	5		
Each test hole located on Plot Plan by number	14" O TS Med to Coarse S 30" — SL (MT) from 42" 4' —	14" O TS L Med to Coarse S 2 1/2' — Med S (MT) 3' —	12" O TS Med S & LS 4' — Coarse S 5' — Well drained		

SOIL TEXTURE

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	(MT)	Seasonal High Water Level (mottling)
SiL	Silty Loam	M	Muck	(WL)	Water Level (saturation)

Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
☐ 2) Impervious layer within 48" of ground surface.
☐ 3) High seasonal water level.
☐ 4) Wet depressions or poor surface drainage.
☐ 5) Slope limitations (exceeds %).
☐ 6) Overflow of run-off water from adjacent higher areas.
☐ 7) Insufficient space for replacement of drainfield.
☐ 8) Insufficient isolation distance from _____.

Observations, stipulations: _____

Observer: _____

Sanitarian: _____

MA Banghart RS

Date: _____

10 28-97

SOIL EVALUATION DATA SHEET

Ingham County Health Department
P. O. Box 30161 Lansing, Michigan 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by BEN PRICE

Township Stockbridge Section 2

Address 5320 M-36

Road Location Bryan Rd

Stockbridge 49285

1320' Su. of Lansing Rd

Phone # 517 851-8555

Subdivision _____

- ☐ Land Owner ☐ Realtor
☐ Prospective Buyer ☐ Builder
☐ Installer ☐ Other:

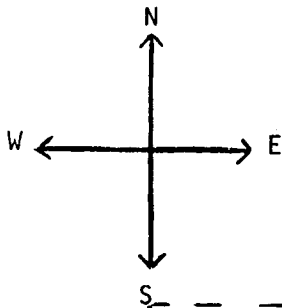
Lot No. _____ Side of Road _____

File Search _____

Parcel No. 33- _____

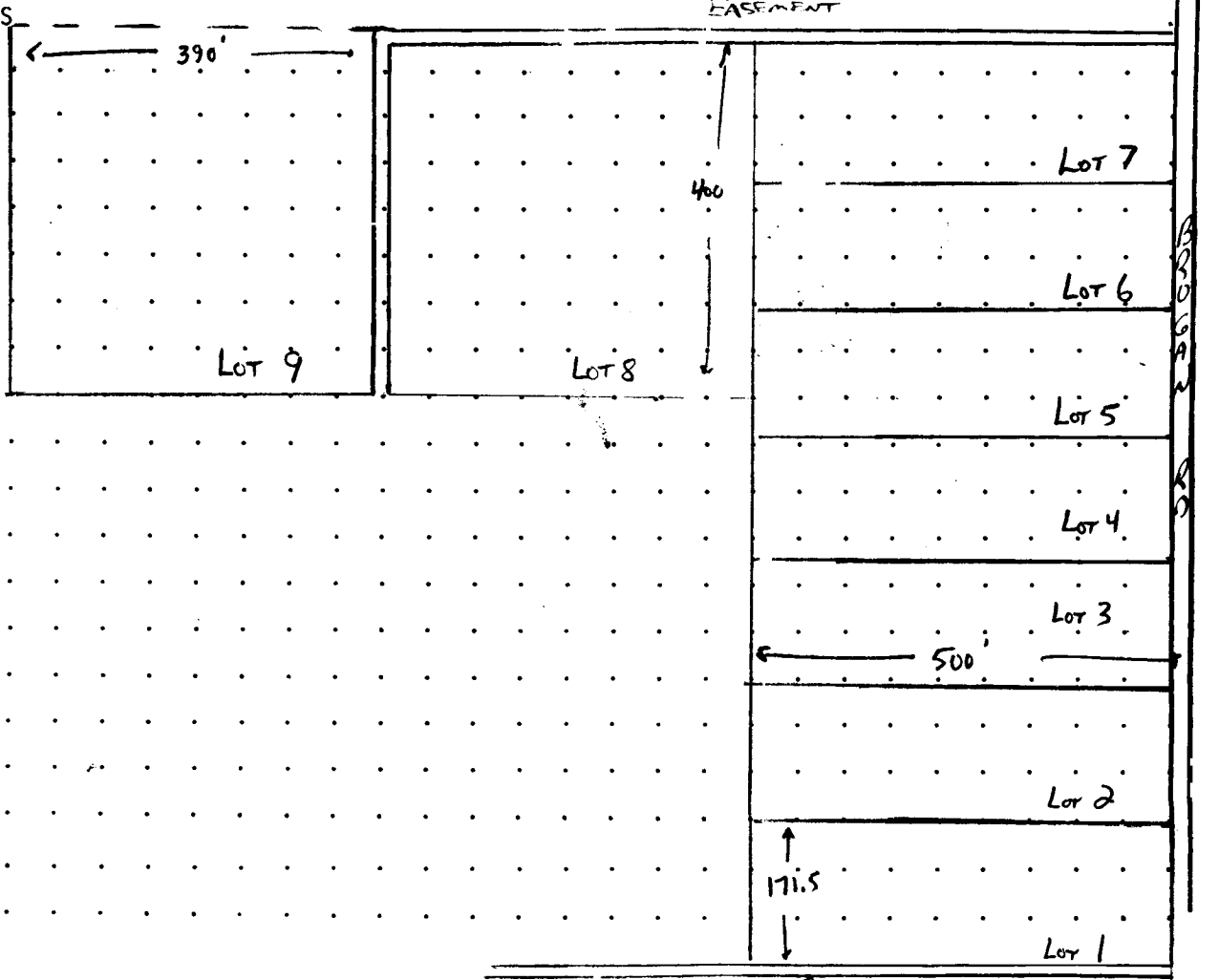
Soil Survey Sheet No. 16-16-02-400-003

Parcel Size 40 ac



PLOT PLAN

EASEMENT



Road Location _____

Permit No. 33-_____
(after issuance)

Test #					
Type of Test					
Depth					
Each test hole located on Plot Plan by number					

SOIL TEXTURE

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	(MT)	Seasonal High Water Level (mottling)
SiL	Silty Loam	M	Muck	(WL)	Water Level (saturation)

Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
☐ 2) Impervious layer within 48" of ground surface.
☐ 3) High seasonal water level.
☐ 4) Wet depressions or poor surface drainage.
☐ 5) Slope limitations (exceeds %).
☐ 6) Overflow of run-off water from adjacent higher areas.
☐ 7) Insufficient space for replacement of drainfield.
☐ 8) Insufficient isolation distance from _____.

Observations, stipulations: _____

Observer: _____

Sanitarian: _____

MB Banghart 25

Date: _____

10-28-97

Ingham County Health Department

Bruce B. Bragg, M.P.H., Director
Dean G. Sienko, M.D., M.S., Medical Director

Human Services Building
5303 South Cedar Street
P.O. Box 30161
Lansing, Michigan 48909-7661
FAX (517) 887-4560

Bureau of Environmental Health
(517) 887-4312

October 8, 1998

Ben & Mary Price
5320 M-36
Stockbridge, MI 49285

Subject: Soil evaluation of a 40 acre parcel on the west side of Brogan Road, Section 2,
Stockbridge Township - Application #4-28-97-202

Dear Mr. & Ms. Price:

On October 28, 1997, we met on the above referenced parcel to determine the suitability of the soils for on-site sewage treatment. We evaluated the parcel in anticipation of splitting 9 lots off of the 40 acres for single family dwellings.

A total of 27 backhoe cuts were made on the 9 splits. The locations of the backhoe cuts, and a descriptions of the soils encountered in each of them, can be found on the attached Soil Evaluation Data Sheets.

Lots 1 & 2:

Six backhoe cuts were made in total on lots 1 and 2. In general, these backhoe cuts revealed moderately well drained to poorly drained sands and loamy sands up to 6 feet below grade. Evidence of seasonal saturation was found from between 2 feet to 5 feet below grade.

We can approve lots 1 and 2 for conventional on-site sewage treatment. The drainfields on these two lots will have to be kept close to Brogan Road and close to the common lot line between the two parcels. This would put the drainfields in the vicinity of backhoe cuts 2, 6 and 7.



Ben & Mary Price
October 8, 1998
Page 2

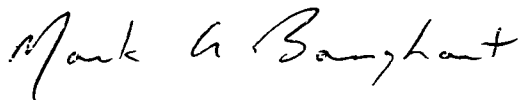
Lots 3 through 9:

The remaining 21 backhoe cuts, made on lots 3 through 9, revealed relatively permeable soils jeopardized by a high seasonal water table. Nowhere on the 7 proposed splits did we find a large enough area of well drained soils to support a primary and reserve drainfield installed conventionally. We did find soils suitable on all of the parcels for the installation of alternative on-site sewage treatment systems.

To reiterate, we can approve parcels 1 and 2 for conventional on-site sewage treatment, provided drainfields are kept shallow. Parcels 3 through 9 are considered unsuitable for conventional on-site sewage treatment, but we can consider the installation of engineered drainfield systems on each of these 7 lots.

Please feel free to contact me at 887-4509, if you have any questions about this letter or the attached Soil Evaluation Data Sheets.

Sincerely,

A handwritten signature in cursive script that reads "Mark A. Banghart".

Mark A. Banghart, R.S.
Bureau of Environmental Health

MAB:blam

Enclosure

cc: Stockbridge Township

Still Owes \$6.00

APPLICATION FOR SITE EVALUATION & PERMIT FOR SEWAGE DISPOSAL SYSTEM AND/OR WELL
FOR RESIDENTIAL DWELLINGS

SUBMIT TO: Ingham County Health Department
5303 S. Cedar, P.O. Box 30161
Lansing, MI 48909
517/887-4312

FV
Backhoe

10:30 Tuesday
June 17TH
10:30
Wed June 11TH

***** OFFICE USE ONLY *****
* Parcel # _____
* App. # 4-28-97-202
* Soil Map # _____ SCS # _____
* Amount Received: 85.00
* Receipt # 90260
* W.A.G. Review: Yes ☒ No ☐
* Zone _____

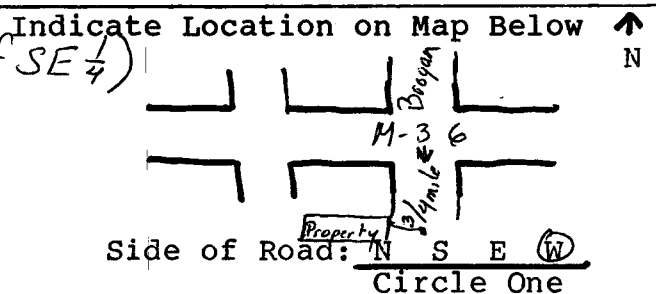
NOTICE TO APPLICANT FOR SITE EVALUATION AND PERMIT: → cancel per phone call

A permit must be obtained before any construction is started. A permit would become void if surface soil conditions are altered by scraping or filling. Any decision by the Bureau of Environmental Health may be appealed. See provisions of the Ingham County Sanitary Code, latest edition.

PLEASE CHECK APPROPRIATE BOX AND SUBMIT CORRECT FEE

<input checked="" type="checkbox"/> Soil Evaluation Only, No Permit \$ 85.00	<input type="checkbox"/> New Well Permit Only \$109.00
NOTE: \$72.00 per hour additional charge after first 1 1/2 hours.	<input type="checkbox"/> Septic Permit (Public Water Available) \$ 85.00
<input type="checkbox"/> Vacant Land Evaluation With Immediate Well & Septic Permit. \$167.00	<input type="checkbox"/> Well Repair/Replace \$ 55.00
	<input type="checkbox"/> Septic Repair/Replace N/C

Address and/or Name of Road Property Faces: Boogan Rd. (T1N, R2E, Sec 2, SE 1/4 of SE 1/4)
TOWNSHIP: Stockbridge SECTION: 2
SUBDIVISION: _____ LOT # _____
PARCEL SIZE: 1332 X 1356 NO. OF ACRES: 40
PRESENT OWNER: Ben Price



PERSON TO CONTACT: Ben Price PHONE: 517-851-8555
Name (Please Print) Ben Price
Address 5320 M-36 City Stockbridge Zip 49285

IF KNOWN, PLEASE PROVIDE: # of Bedrooms: _____ # of Bathrooms: _____
Basement: Yes _____ No _____ Well Size: _____ inch Has land been previously evaluated? ☒ Yes _____ No _____ If yes, when: _____ Do you or will you have an underground storage tank? Yes _____ No _____

AUTHORIZATION:

I hereby grant and authorize representatives of the Ingham County Health Department a right of entry onto the property described above, and to hold them harmless against any and all claims of trespass. Their right of entry shall include the right to make borings or backhoe excavations for evaluating geological and soil conditions for an on-site sewage disposal system.

Signed: Ben R. Price Date: 4-24-97



Message M 5:28 11:11 - 16:11

Boring _____ Backhoe _____ Evaluation Date _____ Observer _____

Test #1 #2 #3 #4 #5

S	Sand	C	Clay
LS	Loamy Sand	M	Muck
SL	Sandy Loam	MT	Seasonal High
L	Loam		Water Level (mottling)
Sil	Silty Loam	SAT	Water Level
SCL	Sandy Clay Loam		(Saturation)
CL	Clay Loam	CCL	Calcareous Clay
		SiCL	Silty Clay Loam

PERMIT RECOMMENDED: Yes _____ No _____

Conditional ☒

Remarks & Observations: _____

2 conventional

7 engineered

Sanitarian's Name: _____

MA Langhart RS

Date: _____

10-28-97

ZONE MAP · ion
REVIEWED

INGHAM COUNTY HEALTH DEPARTMENT
P.O. Box 30161
Lansing, MI 48909 (517) 887-6988

APPLICATION FOR SITE
EVALUATION & PERMIT FOR SEWAGE
DISPOSAL SYSTEM AND/OR WELL.

Application # 7-25-86-439
Permit # _____
Aerial Map # _____
Parcel #33 _____
Liber _____ Page _____
Soils Map # _____
SCS # _____

NOTICE TO APPLICANT FOR SITE EVALUATION AND PERMIT: INGHAM COUNTY HEALTH DEPT.

456-86

Before on-site evaluation will be made, stake out the property lines and the approximate location of house or other buildings. If it is deemed necessary to make a subsurface soil evaluation with assistance of a backhoe, you will be contacted to make the necessary arrangements at your own expense. A permit must be obtained before any construction is started.

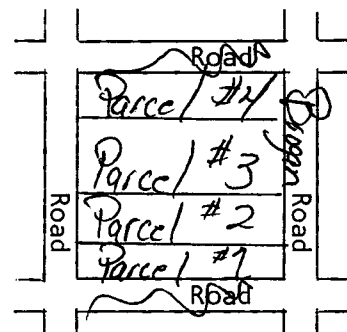
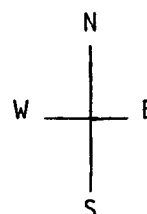
A permit would become void if surface soil conditions are altered by scraping or filling. Any decision by the Bureau of Environmental Health may be appealed. See provisions of the Ingham County Sanitary Code, latest edition.

ROAD FRONTAGE: Brogen PRESENT OWNER: Ben R. Price
TOWNSHIP: Stockbridge SECTION: 2 SUBDIVISION SE 1/4 of SE 1/4 of Sec 2 LOT # 4
PERSON TO CONTACT: Ben R. Price
Name (Please Print)
3104 Brogen Rd. Stockbridge MI 48885 517-851-8555
Address City Zip Phone No.

☐ SEPTIC SYSTEM: Residential _____ Other _____
No. of Bedrooms _____ No. of Baths _____
Basement: Yes _____ No _____ Size of Parcel: _____'x_____
Has land been previously evaluated by the Health
Department? Yes _____ No _____ If Yes When: _____

Insert Names of Roads and
Indicate House & Parcel
Location With an "X".

☐ WELL: 2" _____ 4" _____ 5" _____ Heat Pump _____
Well Driller: _____
Fuel Oil Tank: _____ Septic System: _____
Distance Distance



AUTHORIZATION (Check Appropriate Statement Below):

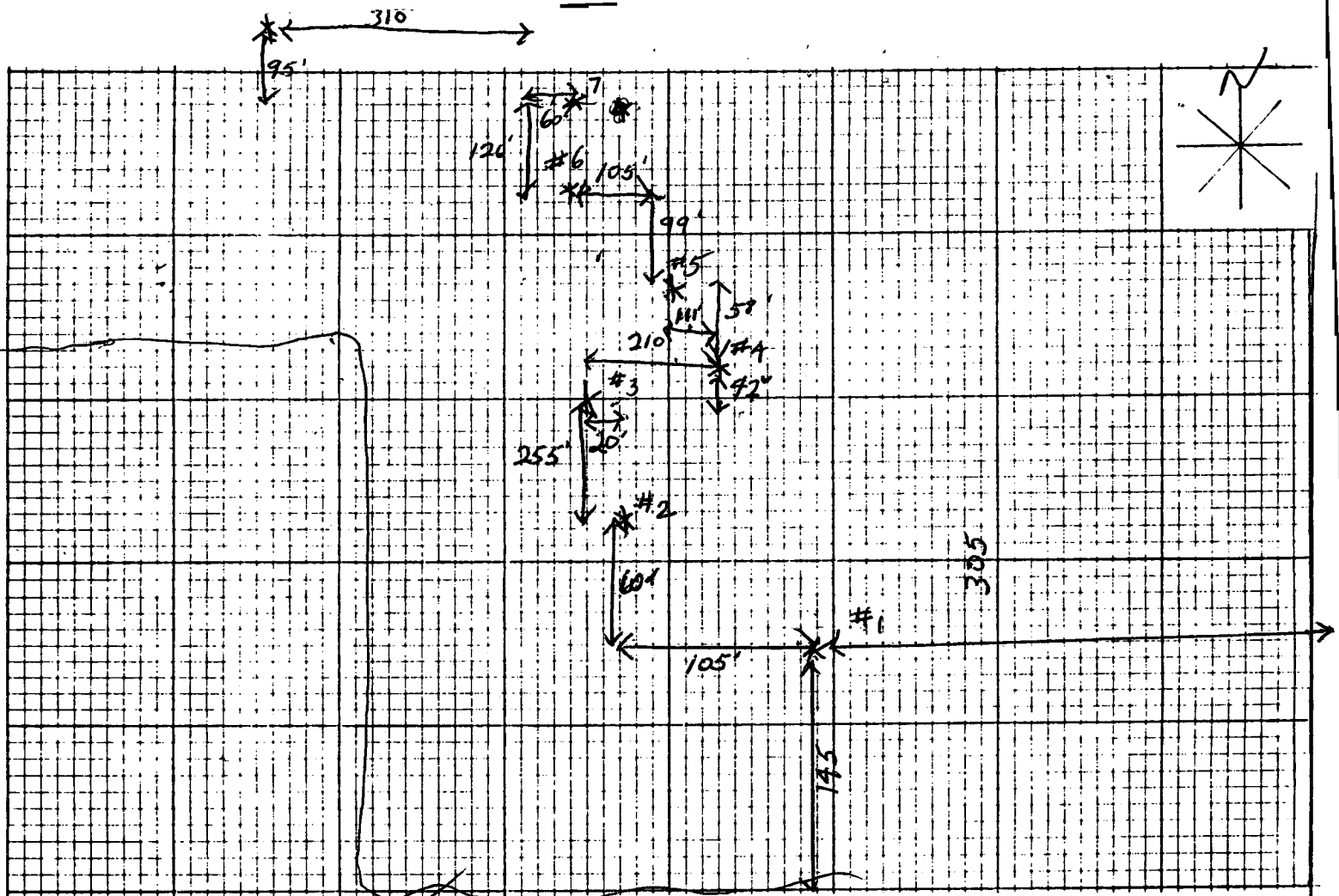
I certify that I am: X the owner of the record; _____ executor or administrator of the estate of the recorded owner; _____ authorized officer of corporation or partnership owning the property; _____ otherwise legally authorized to sign this statement as follows: _____

I hereby grant and authorize representatives of the Ingham County Health Department a right of entry on the property described above, and to hold them harmless against any and all claims of trespass. Their right of entry shall include the right to take borings or backhoe excavations to evaluate geological and soil conditions for an on-site sewage disposal system, proposed by the applicant.

Signed by me on this 23 day of July 1986. Phone No. 517-851-8555
X Ben R. Price Address: 3104 Brogen Rd. Stockbridge MI

Signature of Applicant If Other Than Owner: X _____

47²
101



Boring _____ Backhoe _____ Evaluation Date _____ Observer _____

Test #1 #2 #3 #4 #5

1	Loam in sand	SL			
2	mottled	mottled sand			
3	Sandy clay	LS	Water		
4	clay				
5					
6	gravel	gravel			
7					

S Sand
 LS Loamy Sand
 SL Sandy Loam
 L Loam
 SiL Silty Loam
 SCL Sandy Clay Loam
 Cl Clay Loam
 C Clay
 M Muck
 (MT) Seasonal High Water Level (mottling)
 (WL) Water Level (saturation)
 SiCL Silty Clay Loam

PERMIT RECOMMENDED: YES _____ NO _____
CONDITIONAL _____

Remarks & Observations _____

Sanitarian's Name: _____ Date: _____

PARCEL DUNSMORE

35
105

20 13
17-18

ZONE MAP
REVIEWED

ation

INGHAM COUNTY HEALTH DEPARTMENT
P.O. Box 30161
Lansing, MI 48909 (517) 887-6988

APPLICATION FOR SITE
EVALUATION & PERMIT FOR SEWAGE
DISPOSAL SYSTEM AND/OR WELL.

JUL 25 1986

Application # 7-2586-437
Permit # _____
Aerial Map # _____
Parcel #33 _____
Liber _____ Page _____
Soils Map # _____
SCS # _____

454-86

NOTICE TO APPLICANT FOR SITE EVALUATION AND PERMIT:

Before on-site evaluation will be made, stake out the property lines and the approximate location of house or other buildings. If it is deemed necessary to make a subsurface soil evaluation with assistance of a backhoe, you will be contacted to make the necessary arrangements at your own expense. A permit must be obtained before any construction is started.

A permit would become void if surface soil conditions are altered by scraping or filling. Any decision by the Bureau of Environmental Health may be appealed. See provisions of the Ingham County Sanitary Code, latest edition.

ROAD FRONTAGE: Brogen PRESENT OWNER: Ben R. Price
TOWNSHIP: Stockbridge SECTION: 2 SUBDIVISION: SE 1/4 of SE 1/4 of Sec 2 LOT # 2
PERSON TO CONTACT: Ben R. Price
Name (Please Print)
3104 Brogen Rd. Stockbridge 48885 517-851-8555
Address City Zip Phone No.

☐ SEPTIC SYSTEM: Residential _____ Other _____

No. of Bedrooms _____ No. of Baths _____

Basement: Yes _____ No _____ Size of Parcel: _____'x_____'

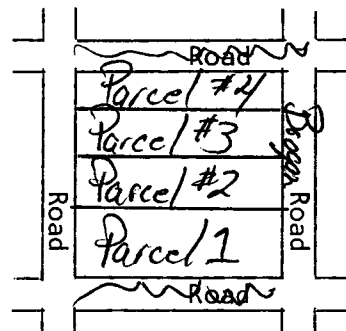
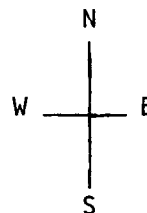
Has land been previously evaluated by the Health
Department? Yes _____ No _____ If Yes When: _____

Insert Names of Roads and
Indicate House & Parcel
Location With an "X".

☐ WELL: 2" _____ 4" _____ 5" _____ Heat Pump _____

Well Driller: _____

Fuel Oil Tank: _____ Septic System: _____
Distance Distance



AUTHORIZATION (Check Appropriate Statement Below):

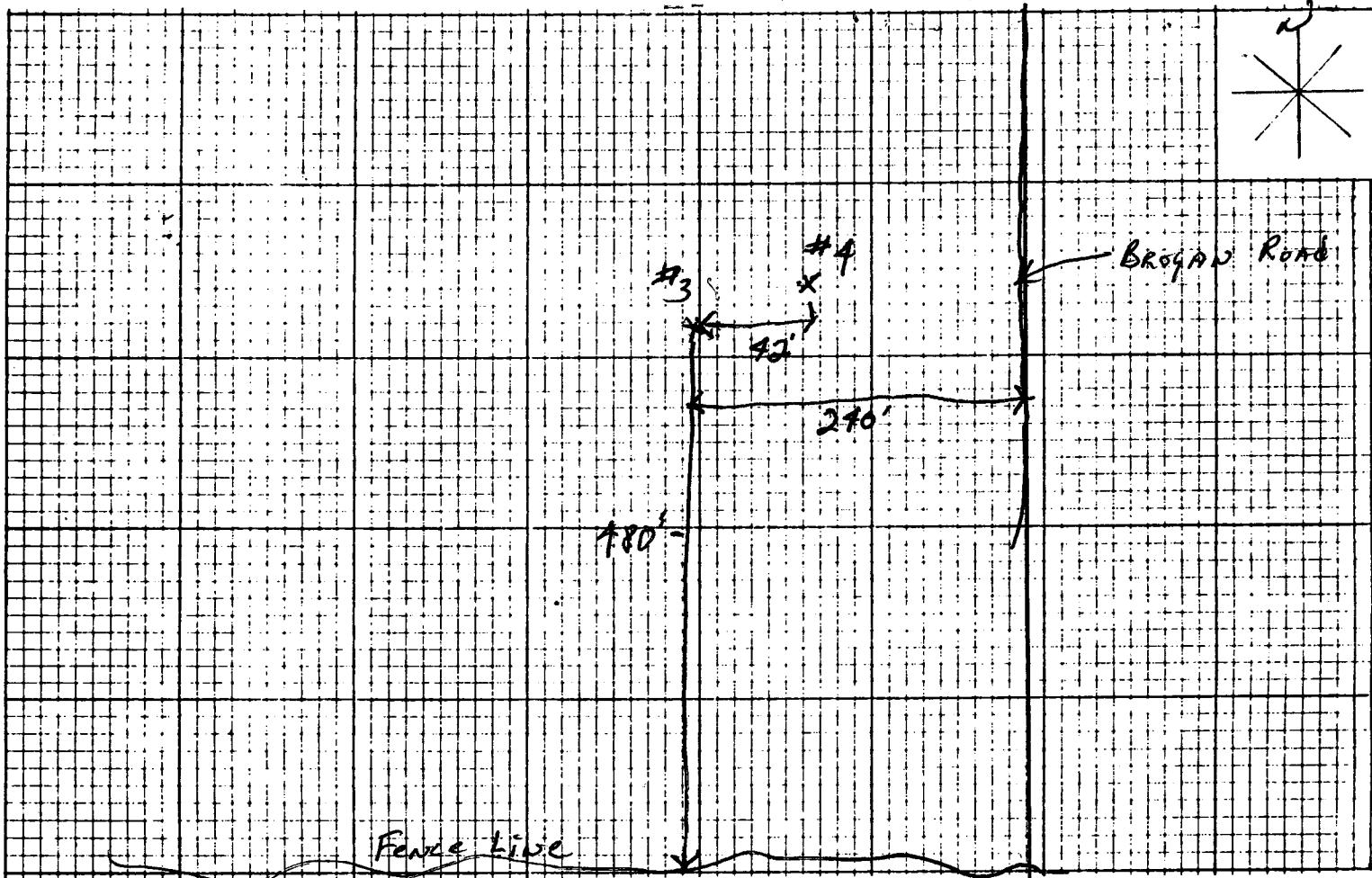
I certify that I am: X the owner of the record; _____ executor or administrator of the estate of the recorded owner; _____ authorized officer of corporation or partnership owning the property; _____ otherwise legally authorized to sign this statement as follows: _____

I hereby grant and authorize representatives of the Ingham County Health Department a right of entry on the property described above, and to hold them harmless against any and all claims of trespass. Their right of entry shall include the right to take borings or backhoe excavations to evaluate geological and soil conditions for an on-site sewage disposal system, proposed by

the applicant. Signed by me on this 23 day of July 1986. Phone No. 517-851-8555

X Ben R. Price Address: 3104 Brogen Rd. Stockbridge MI

Signature of Applicant If Other Than Owner: X _____



Boring _____ Backhoe _____ Evaluation Date _____ Observer _____

Test #1 #2 #3 #4 #5

		Loam SAND	Loam SAND	
1				
2				
3		mottles	mottles	
4				
5				

- | | |
|---------------------|---|
| S Sand | C Clay |
| LS Loamy Sand | M Muck |
| SL Sandy Loam | (MT) Seasonal High Water Level (mottling) |
| L Loam | (WL) Water Level (saturation) |
| SIL Silty Loam | SiCL Silty Clay Loam |
| SCL Sandy Clay Loam | |
| CL Clay Loam | |

PERMIT RECOMMENDED: YES _____ NO X
CONDITIONAL _____

Remarks & Observations _____

Sanitarian's Name: _____ Date: _____

ZONE MAP . ion
REVIEWED

INGHAM COUNTY HEALTH DEPARTMENT
P.O. Box 30161
Lansing, MI 48909 (517) 887-6988

APPLICATION FOR SITE
EVALUATION & PERMIT FOR SEWAGE
DISPOSAL SYSTEM AND/OR WEDS.

Application # 7-2586-436
Permit # _____
Aerial Map # _____
Parcel #33 _____
Liber _____ Page _____
Soils Map # _____
SCS # _____

NOTICE TO APPLICANT FOR SITE EVALUATION AND PERMIT:

Before on-site evaluation will be made, stake out the property lines and the approximate location of house or other buildings. If it is deemed necessary to make a subsurface soil evaluation with assistance of a backhoe, you will be contacted to make the necessary arrangements at your own expense. A permit must be obtained before any construction is started.

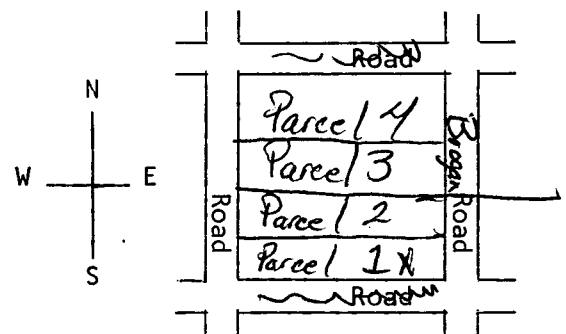
A permit would become void if surface soil conditions are altered by scraping or filling. Any decision by the Bureau of Environmental Health may be appealed. See provisions of the Ingham County Sanitary Code, latest edition.

ROAD FRONTAGE: Brogan (264 ft) PRESENT OWNER: Ben R. Price
TOWNSHIP: Stockbridge SECTION: 2 SUBDIVISION: S.E. 1/4 of S.E. 1/4 of Sec 2 LOT # 1
PERSON TO CONTACT: Ben R. Price
Name (Please Print)
3104 Brogan Rd. Stockbridge 49285 517-851-8535
Address City Zip Phone No.

☐ SEPTIC SYSTEM: Residential _____ Other _____
No. of Bedrooms _____ No. of Baths _____
Basement: Yes _____ No _____ Size of Parcel: _____ 'x' _____
Has land been previously evaluated by the Health
Department? Yes _____ No _____ If Yes When: _____

☐ WELL: 2" _____ 4" _____ 5" _____ Heat Pump _____
Well Driller: _____
Fuel Oil Tank: _____ Septic System: _____
Distance Distance

Insert Names of Roads and
Indicate House & Parcel
Location With an "X".



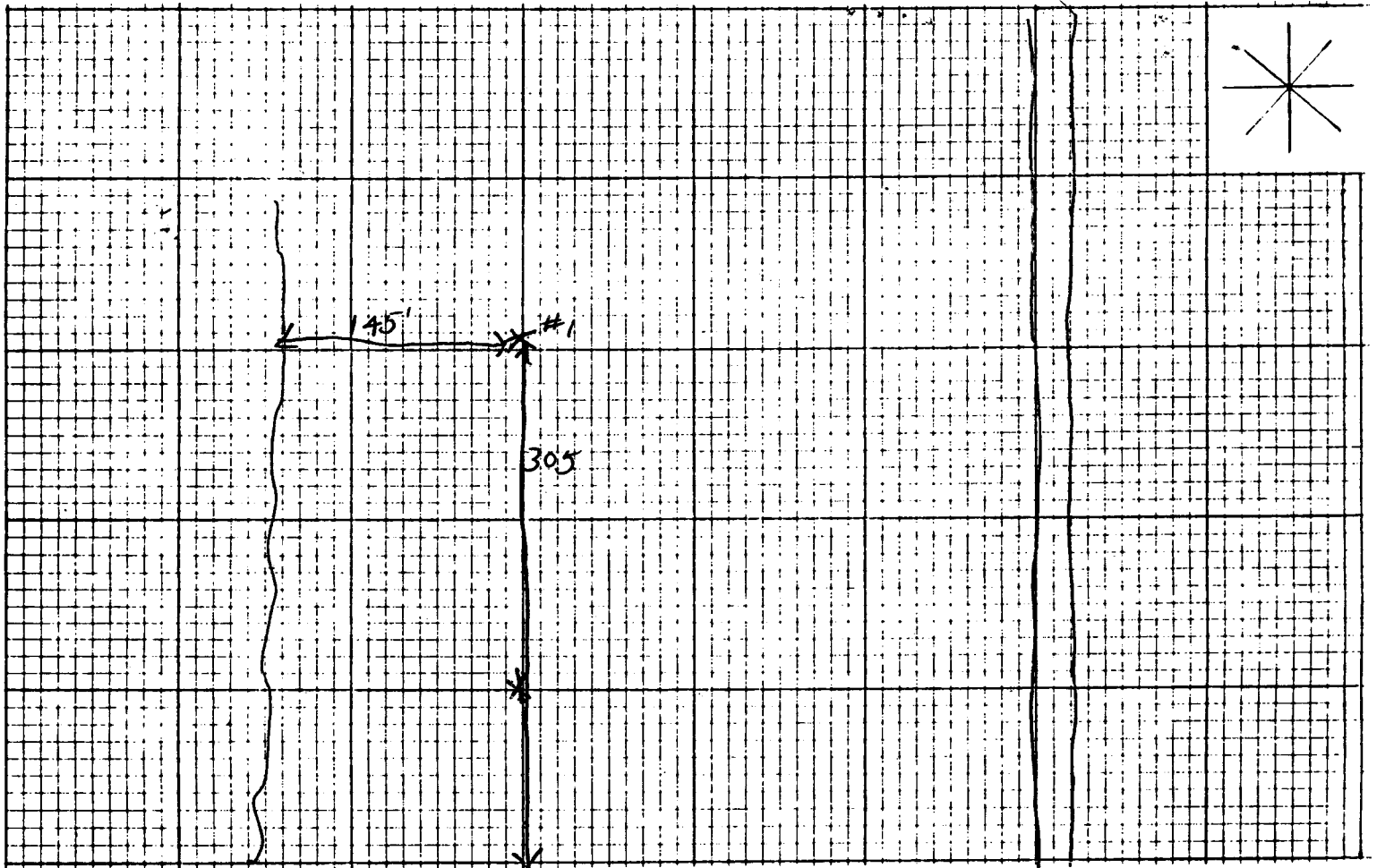
AUTHORIZATION (Check Appropriate Statement Below):

I certify that I am: X the owner of the record; _____ executor or administrator of the estate of the recorded owner; _____ authorized officer of corporation or partnership owning the property; _____ otherwise legally authorized to sign this statement as follows: _____

I hereby grant and authorize representatives of the Ingham County Health Department a right of entry on the property described above, and to hold them harmless against any and all claims of trespass. Their right of entry shall include the right to take borings or backhoe excavations to evaluate geological and soil conditions for an on-site sewage disposal system, proposed by the applicant. Signed by me on this 23 day of July 1986. Phone No. 517-851-8535

X Ben R. Price Address: 3104 Brogan Rd. Stockbridge, MI

Signature of Applicant If Other Than Owner: X _____



Boring _____ Backhoe _____ Evaluation Date _____ Observer _____

Test #1 Parcel #2 Parcel #3 ^{poor} #4 #5

	Loam	Loam	Loam	Loam
1	SL	SL	SL	SANB
2	not ↓	not ↓	SL not	mottles ↓
3	LS	LS	CLAY	water
4	SANB	SANB		
5	↑	water		
6	GRAVEL		GRAVEL	GRAY SANB
7				
	stop			

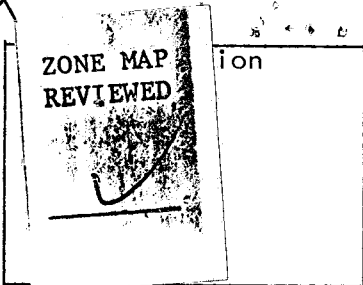
S Sand
 LS Loamy Sand
 SL Sandy Loam
 L Loam
 SIL Silty Loam
 SCL Sandy Clay Loam
 CL Clay Loam
 C Clay
 M Muck
 (MT) Seasonal High Water Level (mottling)
 (WL) Water Level (saturation)
 SiCL Silty Clay Loam

PERMIT RECOMMENDED: YES _____ NO X
CONDITIONAL _____

Remarks & Observations _____

Sanitarian's Name: _____ Date: _____

25 - 1/4 mile



INGHAM COUNTY HEALTH DEPARTMENT
P.O. Box 30161
Lansing, MI 48909 (517) 887-6988

APPLICATION FOR SITE
EVALUATION & PERMIT FOR SEWAGE
DISPOSAL SYSTEM AND/OR WELL

JUL 23 1986

Application #	7-25-86-438
Permit #	
Aerial Map #	
Parcel #33	
Liber	Page
Soils Map #	
SCS #	

455-81

NOTICE TO APPLICANT FOR SITE EVALUATION AND PERMIT:

Before on-site evaluation will be made, stake out the property lines and the approximate location of house or other buildings. If it is deemed necessary to make a subsurface soil evaluation with assistance of a backhoe, you will be contacted to make the necessary arrangements at your own expense. A permit must be obtained before any construction is started.

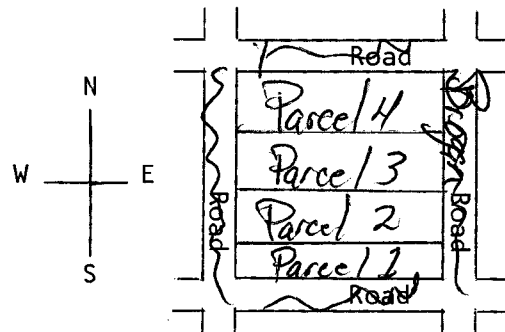
A permit would become void if surface soil conditions are altered by scraping or filling. Any decision by the Bureau of Environmental Health may be appealed. See provisions of the Ingham County Sanitary Code, latest edition.

ROAD FRONTAGE: Brogen PRESENT OWNER: Ben R. Price
TOWNSHIP: Stockbridge SECTION: 2 SUBDIVISION: SE 1/4 of SE 1/4 of Sec 2 LOT # 3
PERSON TO CONTACT: Ben R. Price
Name (Please Print)
3104 Brogen Rd. Stockbridge 49285 517-851-8555
Address City Zip Phone No.

☐ SEPTIC SYSTEM: Residential _____ Other _____
No. of Bedrooms _____ No. of Baths _____
Basement: Yes _____ No _____ Size of Parcel: _____ 'x' _____'
Has land been previously evaluated by the Health Department? Yes _____ No _____ If Yes When: _____

☐ WELL: 2" _____ 4" _____ 5" _____ Heat Pump _____
Well Driller: _____
Fuel Oil Tank: _____ Septic System: _____
Distance Distance

Insert Names of Roads and Indicate House & Parcel Location With an "X".



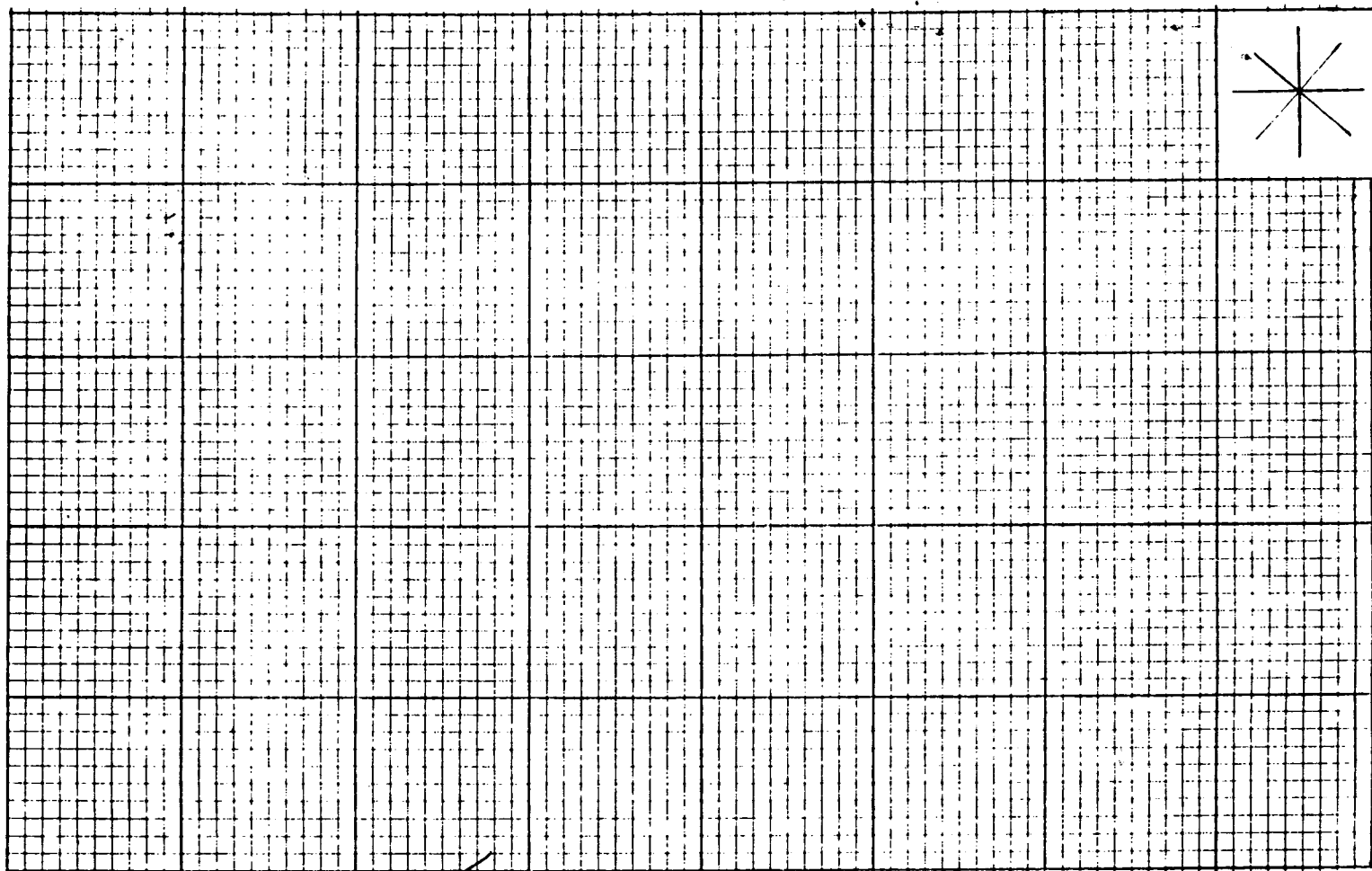
AUTHORIZATION (Check Appropriate Statement Below):

I certify that I am: X the owner of the record; _____ executor or administrator of the estate of the recorded owner; _____ authorized officer of corporation or partnership owning the property; _____ otherwise legally authorized to sign this statement as follows: _____

I hereby grant and authorize representatives of the Ingham County Health Department a right of entry on the property described above, and to hold them harmless against any and all claims of trespass. Their right of entry shall include the right to take borings or backhoe excavations to evaluate geological and soil conditions for an on-site sewage disposal system, proposed by the applicant.

Signed by me on this 23 day of July 1986. Phone No. 517-851-8555
X Ben R. Price Address: 3104 Brogen Rd. Stockbridge, Mi.

Signature of Applicant If Other Than Owner: X _____



Test	#1	#2	#3	#4	#5
------	----	----	----	----	----

	LOAM	LOAM
1		LS
2	SAND	SAND
3		mottled
4	mottles	GRAVEL
5	SL	SAND
6		
7	CLAY	
8	GRAVEL	
9		

S	Sand	C	Clay
LS	Loamy Sand	M	Muck
SL	Sandy Loam	(HT)	Seasonal High Water Level (mottling)
L	Loam	(WL)	Water Level (saturation)
SIL	Silty Loam		
SCL	Sandy Clay Loam	SiCL	Silty Clay Loam
CL	Clay Loam		

PERMIT RECOMMENDED: YES _____ NO _____
CONDITIONAL _____

Remarks & Observations _____

Sanitarian's Name: _____ Date: _____

P. O. BOX 1406
LANSING, MICHIGAN 48904
PHONE 371-5360

COUNTY HEALTH DEPARTMENT
DIVISION OF ENVIRONMENTAL HEALTH
NOTICE OF REPORT

121 E. MAPLE STREET
P. O. BOX 109
MASON, MICHIGAN 48854
PHONE 677-3711

sect 2

BR 6 AN Rd

TO	Ben R. Price	TEL		DATE	7/5/77	A.M. <input type="checkbox"/>	P.M. <input type="checkbox"/>
ADDRESS	Stock bridge			CIVIL DIVISION			
REGARDING:	38 acre parcel, app 1 mile S of M-36 on the W. side						

ACTION REQUESTED This is in regard to the soil boring of Brogan taken on the above mentioned parcel. The soil in the area tested would be suitable for an on-site sewage disposal system.

Boring taken on the south east corner of parcel sand down to 5' no H₂O table

RECEIPT OF COPY OF THIS REPORT IS ACKNOWLEDGED BY:		See Ingham Co. Sanitary Code	ID. No.	DEADLINE:
SIGNATURE OF OWNER, OPERATOR OR REPRESENTATIVE.	TITLE		SIGNATURE OF SANITARIAN	
X Ben R. Price			D. Jaw	

HEALTH DEPARTMENT

Human Services Building
5303 South Cedar Street
P.O. Box 30161
Lansing, Michigan 48909

Bureau of Environmental Health (517) 887-6988

Bruce B. Bragg, M.P.H., Health Officer
J. M. Cook, M.D., M.P.H., Medical Director

September 12, 1986

Mr. Ben Price
3104 Brogan Road
Stockbridge, MI 49285

Re: Soil evaluation Section 2, Brogan Road

Dear Mr. Price:

I have had an opportunity to go back and reevaluate some of the sites which were originally evaluated August 8, 1986. You will remember that we discussed the fact there is a high groundwater table in this area. This fact concerns me because of problems which may arise with wet basements as well as improper functioning drainfields. Soil boring site #5 on Lot 3 does conform to the Ingham County Sanitary Code providing the top of drainfield tile are placed so that the top of the tile are at ground level. All of the other sites are not approved for a sewage system drainfield. Please note that additional borings were taken on Lot #2, 240 feet from Brogan Road. These borings also revealed a high seasonal water table. I would have liked to observed the water table on these lots in the spring in order to observe how far up the groundwater would rise under these wet conditions.

Please feel free to call this office if you have any questions.

Sincerely,

Robert Roller

Robert Roller
Sanitarian
Bureau of Environmental Health

RR: cf

