

8-7-98
pm c.c.

8.7.98 needs house conn km

PERMIT

05-407265

P 510603

SEWAGE DISPOSAL SYSTEM

A 38586

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX-XXXXXX~~ 410-313-2640

DATE 8/5/98

DATE SYSTEM APPROVED 8/6/99

INSPECTOR *DS*

INDEXED

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784

PHONE 410-795-5674

SUBDIVISION Twelve Hills

LOT 23

ROAD 13007 Twelve Hills Road

PROPERTY OWNER Baldev Singh

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 165 feet down the right lot line and 65 feet off the same lot line as seen when facing the lot from Twelve Hills Road. Run trenches on contour towards the road.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK 6.15.98

PLANS APPROVED BY Donna K. Soe

~~OLD PERMIT~~
AND RETURNED 3/21/01
enclose ex. patio

DATE 06/08/98

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

~~OLD PERMIT~~
AND RETURNED 5/11/2000
8001 24129
GAZEBO

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

~~OLD PERMIT~~ SIGNED
AND RETURNED 2-11-99
Serial # BFO116745

PERMIT VOID AFTER TWO YEARS

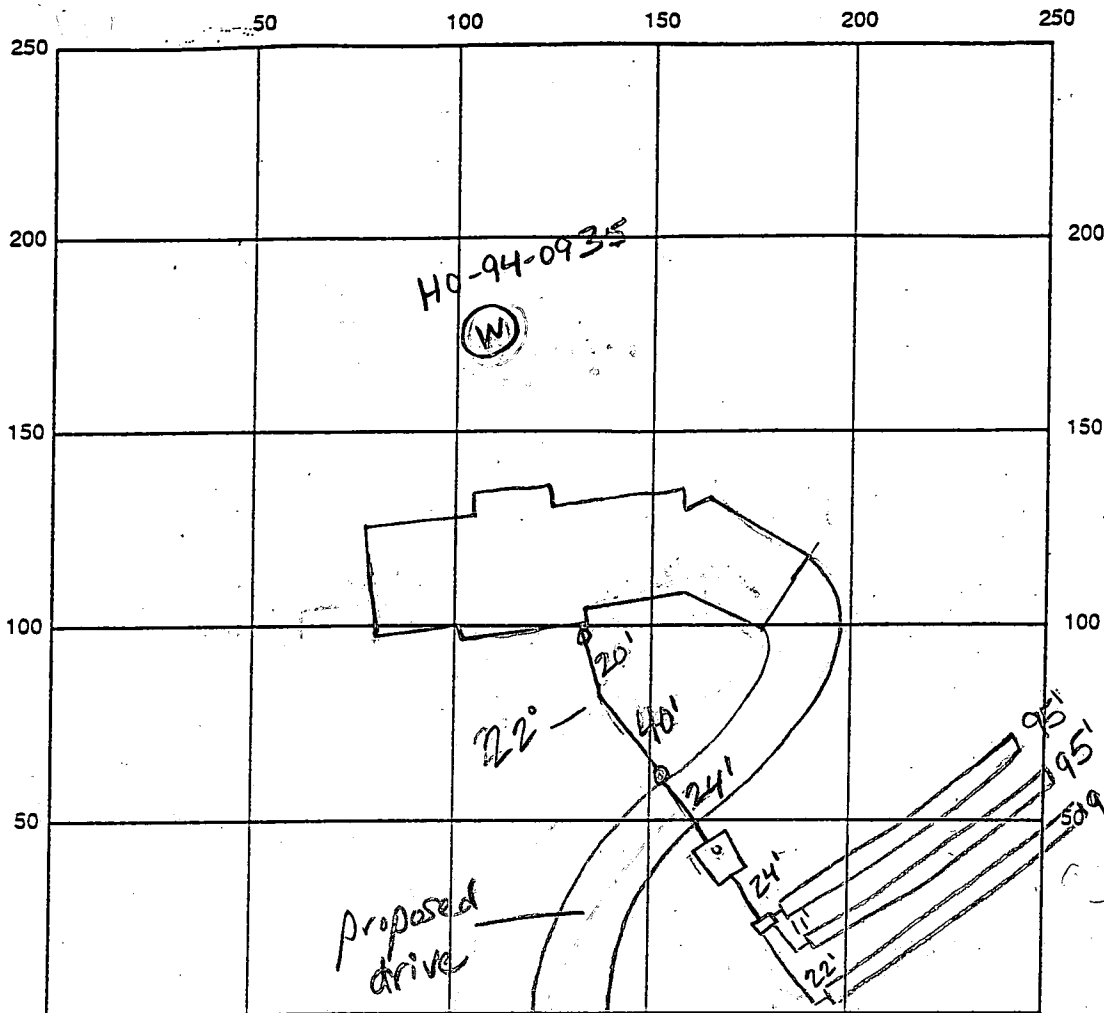
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

dech.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

A 38586



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Twelve Hills Rd.

SEPTIC TANK LEVEL ok, 1250 gallons

CLEANOUTS 1 on tank, lat house, 1 on line

DISTRIBUTION BOX LEVEL ok

DRAIN FIELD/TITLE DEPTH 5.0 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT.

TOTAL LENGTH 95 x 2 FT. → 280

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 8.7.98 needs house conn, ok to cover all work, box according to specs per installer (Pooley) (1m)

6/15/99 HOUSE connection ok. - FINAL. DCS

DATE SYSTEM APPROVED

6/15/99

INSPECTOR

[Signature]

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT

DATE

A 38586

P

5

12/17/86

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER

ADDRESS

PHONE

PROSPECTIVE BUYER

ADDRESS

PHONE

PROPERTY LOCATION:

SUBDIVISION

ROAD AND DESCRIPTION

TAX MAP

PARCEL #

SIZE OF LOT

TYPE BLDG

(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY

FOR

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

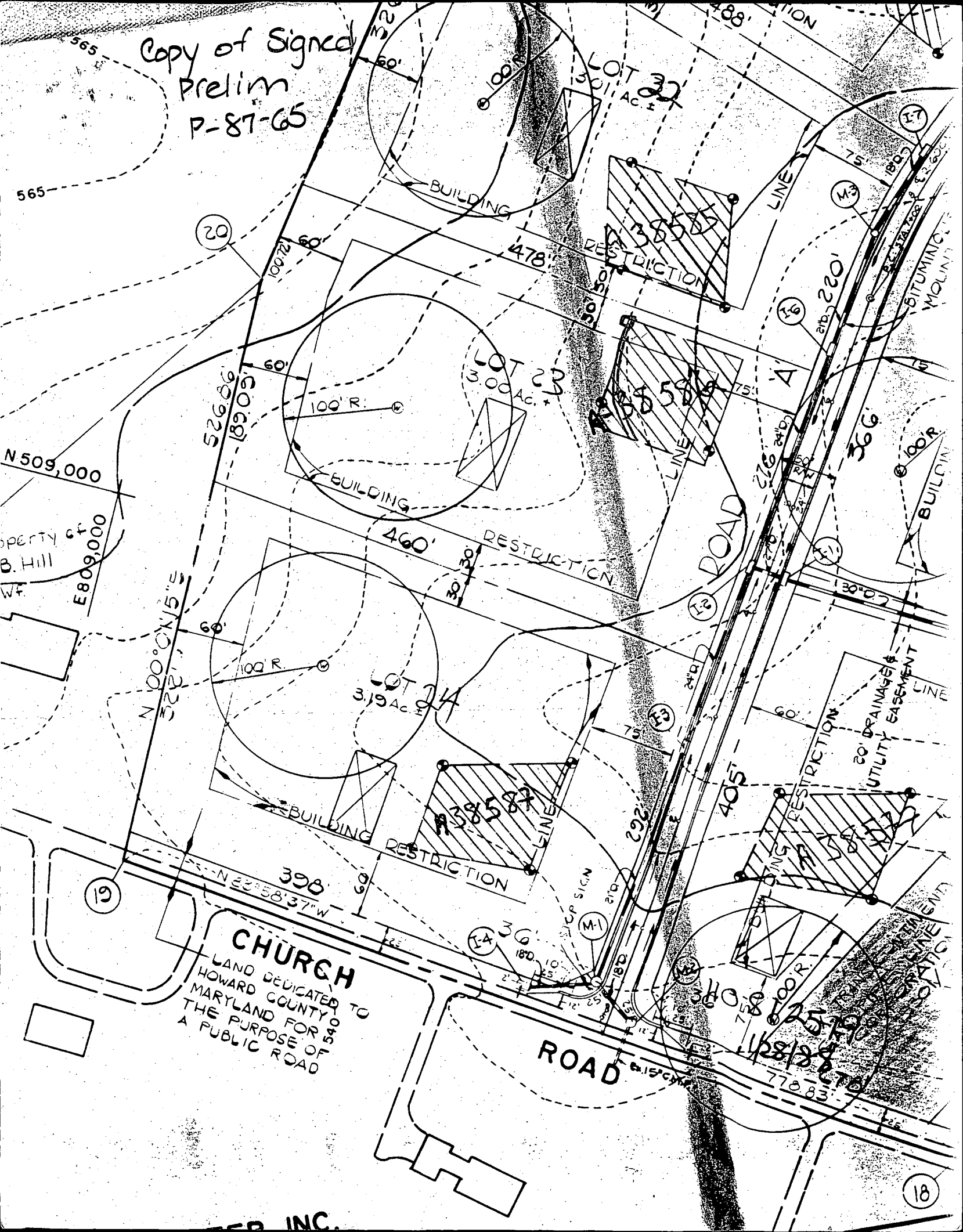
REASONS FOR REJECTION OR HOLDING

1/29/87 - Wet Season or Change Area R/H
2-4-87 Hold for PLAT. Shallow Syst. only

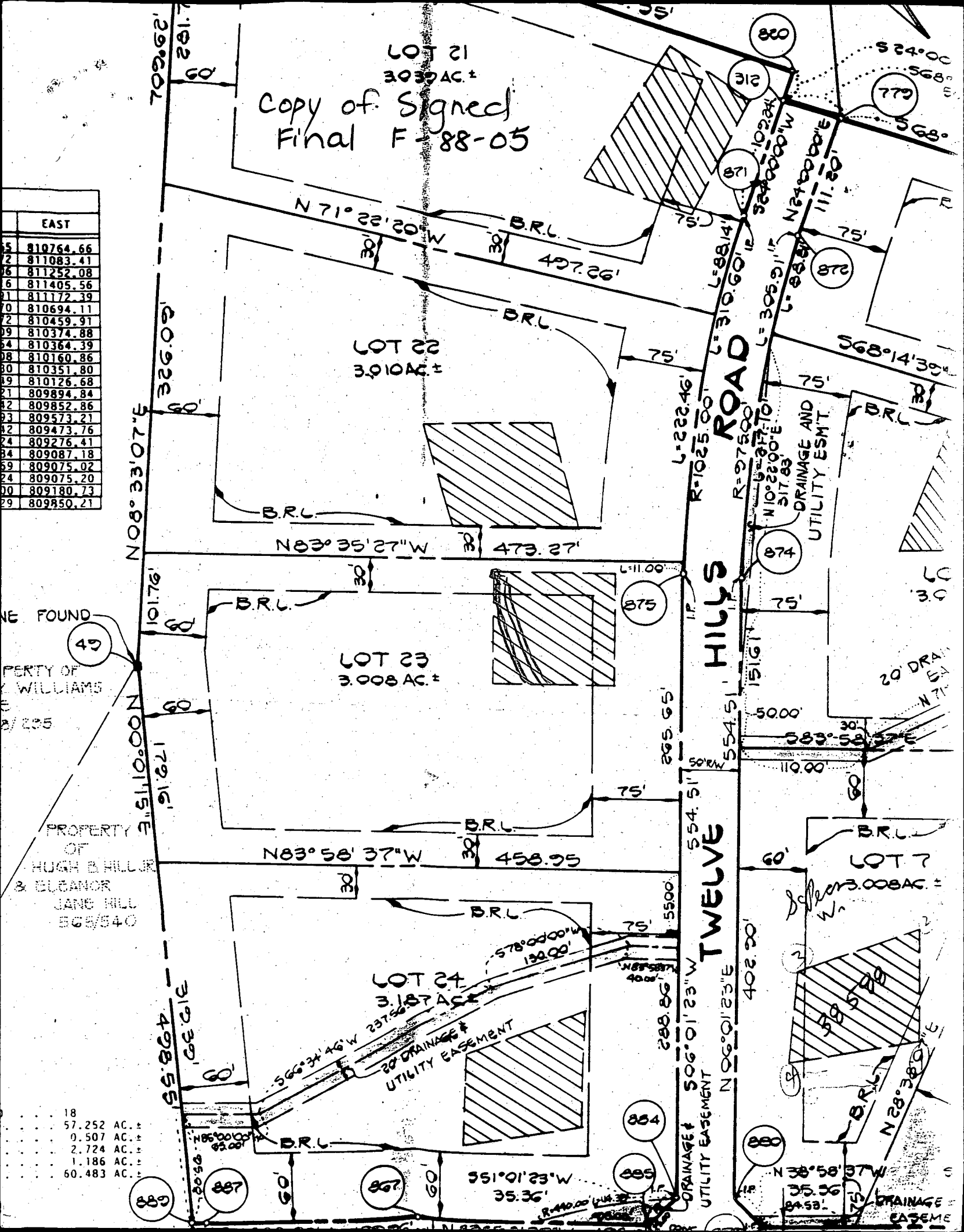
THIS IS NOT A PERMIT

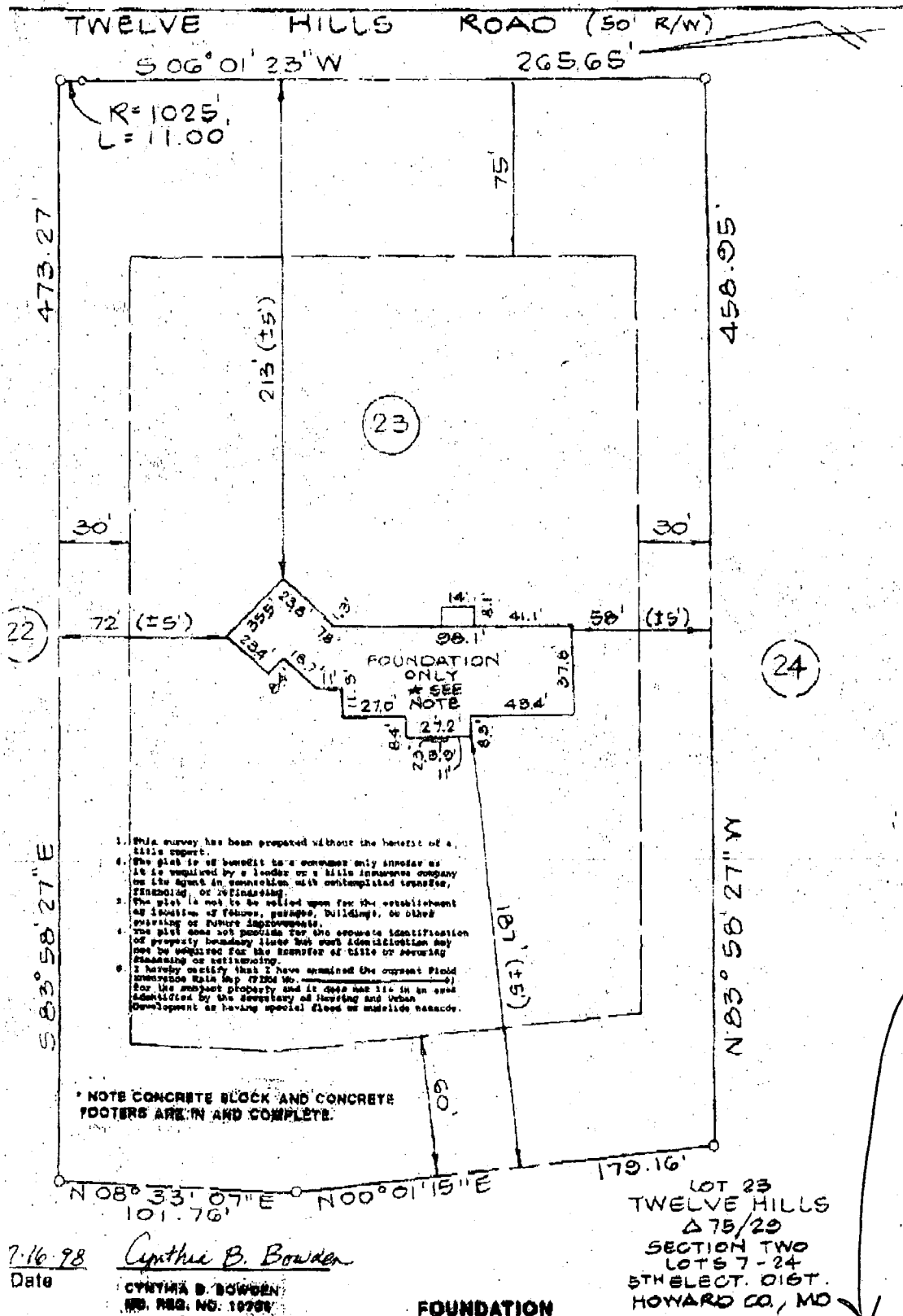
CLINT
2 KETTERMANS

Copy of Signed
Prelim
P-87-65



18
57.252 AC. $\pm$
0.507 AC. $\pm$
2.724 AC. $\pm$
1.186 AC. $\pm$
60.483 AC. $\pm$





WALL
CHECK OK
4 BR
CONFORMS
BLR.
ON SIDE
TO PORCH
PLAN DUE
THAN SITE
FOOTPRINT
LARGER
SLIGHTLY
REPORTED
AS ORIG.
1:50' SCALE
NOT TO
CHECK
WALL

7-16-98
Date

Cynthia B. Bowden

CYNTHIA B. BOWDEN
MD. REG. NO. 10789

FOUNDATION

LOCATION DRAWING
TWELVE HILLS ROAD

MCKEE & ASSOCIATES, INC.

CIVIL ENGINEERS • LAND SURVEYORS

5 SHAWAN ROAD HUNT VALLEY, MD 21030

scale:
1" = 50'

date:
7-15-98

job no:



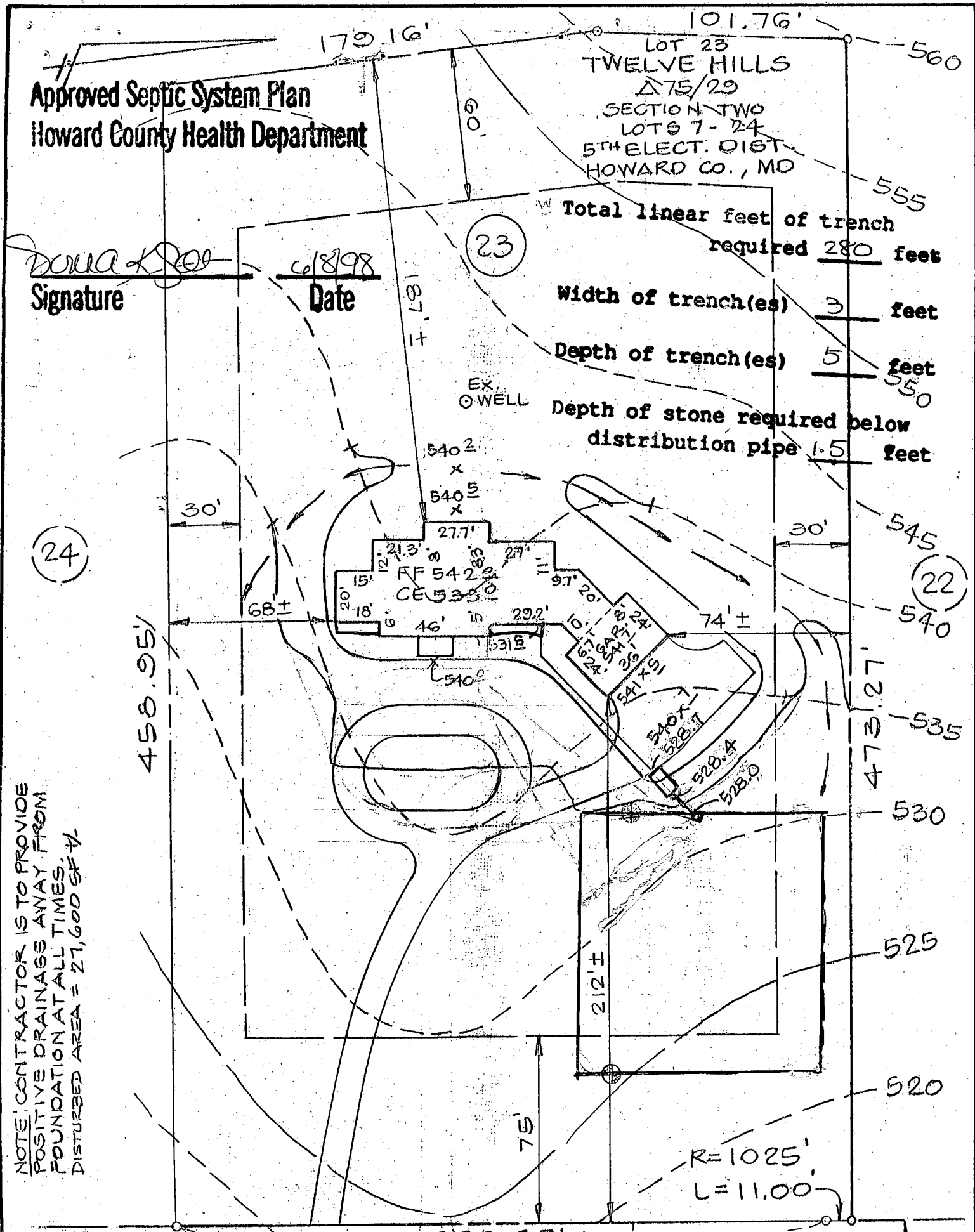
Approved Septic System Plan
Howard County Health Department

DORLA L. SPOO
Signature 6/8/98
Date

LOT 23
TWELVE HILLS
Δ 75/29
SECTION TWO
LOTS 7-24
5TH ELECT. DIST.
HOWARD CO., MD

Total linear feet of trench
required 280 feet
Width of trench(es) 3 feet
Depth of trench(es) 5 feet
Depth of stone required below
distribution pipe 1.5 feet

NOTE: CONTRACTOR IS TO PROVIDE
POSITIVE DRAINAGE AWAY FROM
FOUNDATION AT ALL TIMES.
DISTURBED AREA = 21,600 SF ±



TWELVE HILLS ROAD

Ambrose E. Gmeiner II 27 May 98
DATE
AMBROSE E. GMEINER II
MD REG. NO. 20004

SITE PLAN
TWELVE HILLS ROAD

scale:
1" = 50'



McKEE & ASSOCIATES, INC.
CIVIL ENGINEERS • LAND SURVEYORS
5 SHAWAN ROAD HUNT VALLEY, MD 21030
(410) 627-1555

date:
5.18.08
REV. 6-1-98
job no.:
98.95

drawn by
W.D.G.
checked by
B.A.D.

C1 3599

SEQUENCE NO.
(DENV USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A# 38586

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO
FROM "PERMIT TO DRILL WELL"

8 13

040499

22 400 26
(TO NEAREST FOOT)28 29 30 31 32 33 34 35 36 37
H0-94-0315

OWNER

HILL HUGH JR.

STREET OR RFD

last name TWELVE HILLS ROAD first name

TOWN

DRAYTON

SUBDIVISION

TWELVE HILLS

SECTION

LOT

23

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)FEET
FROM TOCheck
if water
bearingTOP soil
red clay
Shale
Sand & Stone
Mica
Sand Stone
Mica0 2
2 6
6 15
15 58
58 85
85 88
88 400

✓

GROUTING RECORD

WELL HAS BEEN GROUTED

(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT

BENTONITE CLAY

BC

NO. OF BAGS

11

NO. OF POUNDS

1100

GALLONS OF WATER

55

DEPTH OF GROUT SEAL (to nearest foot)

from 0

ft. to 35

ft.

ft.

48

TOP

52

64

BOTTOM

58

(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

ST

CO

STEEL CONCRETE

PL

OT

PLASTIC OTHER

MAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

S

T

6

66

66

70

EACH
CASING

OTHER CASING (if used)

diameter

depth (feet)

inch

from

to

screen type
or open hole
insert
appropriate
code
below

ST

BR

HO

STEEL

BRASS

OPEN

PL

OT

HOLE

PLASTIC

OTHER

C2

1 2

DEPTH (nearest ft.)

H0

64

15

17

21

23

24

26

30

32

36

38

39

41

45

47

51

SLOT SIZE 1 2 3

DIAMETER

(NEAREST

INCH)

from

to

GRAVEL PACK

IF WELL DRILLED WAS

FLOWING WELL INSERT

F IN BOX 68

68

MDE USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

W Q

70
TELESCOPE
CASING72
LOG
INDICATOR74 75 76
OTHER DATA

C3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour)

6

PUMPING RATE (gal. per min.

3

to nearest gal.)

METHOD USED TO

MEASURE PUMPING RATE

Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

26

17

20

WHEN PUMPING

174

22

25

TYPE OF PUMP USED (for test)

A air

P piston

T turbine

C centrifugal

R rotary

O other

J jet

S submersible

(describe below)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP

YES NO

(CIRCLE) (YES or NO)

IF DRILLER INSTALLS PUMP, THIS SECTION

MUST BE COMPLETED FOR ALL WELLS

EXCEPT HOME USE

TYPE OF PUMP INSTALLED

PLACE (A,C,J,P,R,S,T,O)

IN BOX - SEE ABOVE.

CAPACITY:

GALLONS PER MINUTE

(to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH

(nearest ft.)

CASING HEIGHT (circle appropriate box

and enter casing height)

+ above

- below

LAND SURFACE

(nearest

foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS
BUILDING, SEPTIC TANKS, AND/OR
LANDMARKS AND INDICATE NOT LESS
THAN TWO DISTANCES
(MEASUREMENTS TO WELL)

side line

40' well

TWELVE HILLS RD.

COUNTY

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-0395
Location of property (road) TWELVE HILLS ROAD
Subdivision TWELVE HILLS Lot 23 Block _____ Plat _____ Sec. _____
Well Driller G.F. EASTERDAY Owner HUGH, HILL, JR.

Depth of well 400 2 GPM
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 26'

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 12 G.P.M.
Total time 45 min. to reach pumping water level 174 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:15	174	25 SEC.	Pump Setting 380	2 1/2 G.P.M.
9:30	174	25 "	Lee Holland	2 1/2 "
9:45	174	25 "		2 1/2 "
10:00	174	25 "		2 1/2 "
10:15	174	25 "		2 1/2 "
10:30	174	25 "		2 1/2 "
10:45	174	25 "		2 1/2 "
11:00	174	25 "		2 1/2 "
11:15	175	25 "		2 1/2 "
11:30	175	25 "		2 1/2 "
11:45	175	25 "		2 1/2 "
12:00	175	25 "		2 1/2 "
12:15	175	25 "		2 1/2 "
12:30	175	25 "		2 1/2 "
12:45	175	25 "		2 1/2 "
1:00	175	25 "		2 1/2 "
1:15	175	25 "		2 1/2 "
1:30	175	25 "		2 1/2 "
1:45	175	25 "		2 1/2 "
2:00	175	25 "		2 1/2 "
2:15	175	25 "		2 1/2 "
2:30	175	25 "		2 1/2 "
2:45	175	25 "		2 1/2 "
3:00	175	25 "		2 1/2 "

HD-224 3:15

175

25

2 1/2

EMERGENCY/TEMP NO. IF ANY

B 1 1437		STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type		STATE PERMIT NUMBER 40-94-0395 fill in this form completely	
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)					
OWNER INFORMATION Date Received (APA) 022395 OWNER HILL HUGH JR Last Name 12994 Owner LINDEN CHURCH First Name RD Street or RFD CLARKSVILLE MD 21029 Zip 76 LOCATION OF WELL COUNTY HOWARD 23 SUBDIVISION TWELVE HILLS SECTION 44 LOT 23 52 NEAREST TOWN DAYTON 71 M MILES FROM TOWN (enter 0 if in town) 1 M					

CD 50 HEALTH

TEL No. 4103132648

Dec 28, 98 12:00 No. 003 P. 00

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-W Ellicott Mills Drive
Ellicott City, MD 21043

~~410-355-2640~~ 410-313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt #
Date 12/29/98

Name of Installer Robert L. Lawver Jr.

Telephone 410-355-8326

License Number 6550
Certified Well Pump Installer ☐

Well Driller ☐

Registered Plumber ☒

Name of Property Owner Baldwin Singh
Subdivision Twelve Hills Lot # 23
Site Address 13007 Twelve Hills Rd

Telephone 410-799-3935
Well Tag #

Pump

1. Type
 - a. Deep well jet ☒
 - b. Shallow well jet ☐
 - c. Submersible ☐
2. Make Myers
3. Model # 25T 72-12
4. Capacity 12 GPM
5. Pump exceeds well capacity Yes ☒ No ☐
6. If Yes, is low pressure cutoff switch installed? Yes ☒ No ☐
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☒ Cable guards ☒ Other ☐

Motor

1. Horsepower 3/4
2. RPM 3450
3. Voltage 2
 - a. 110 ☐
 - b. 220 ☒

Pitless Adapter

1. Make Campbell
2. Model # 1-1
3. Depth 28"

Tank

1. Capacity WX350 - 119 GAL
2. Pressure relief valve? YES

Piping

1. Type plastic
2. Size 1"
3. NSF and/or BOCA Code approved ☒
4. Depth of supply line 42 m.o.

Well data

1. Depth 400 ft.
2. Yield 3 GPM
3. Static water level 174 ft.
4. Will water supply be disinfected by installer? yes

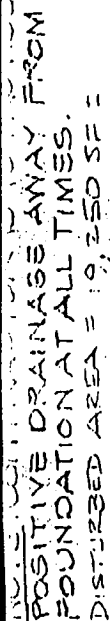
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

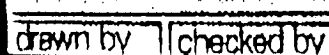
Signature of Applicant: Robert L. Lawver Jr.

Date: 12/29/98

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



MBROSE E. GMEINER II
ID REG. NO. 20004



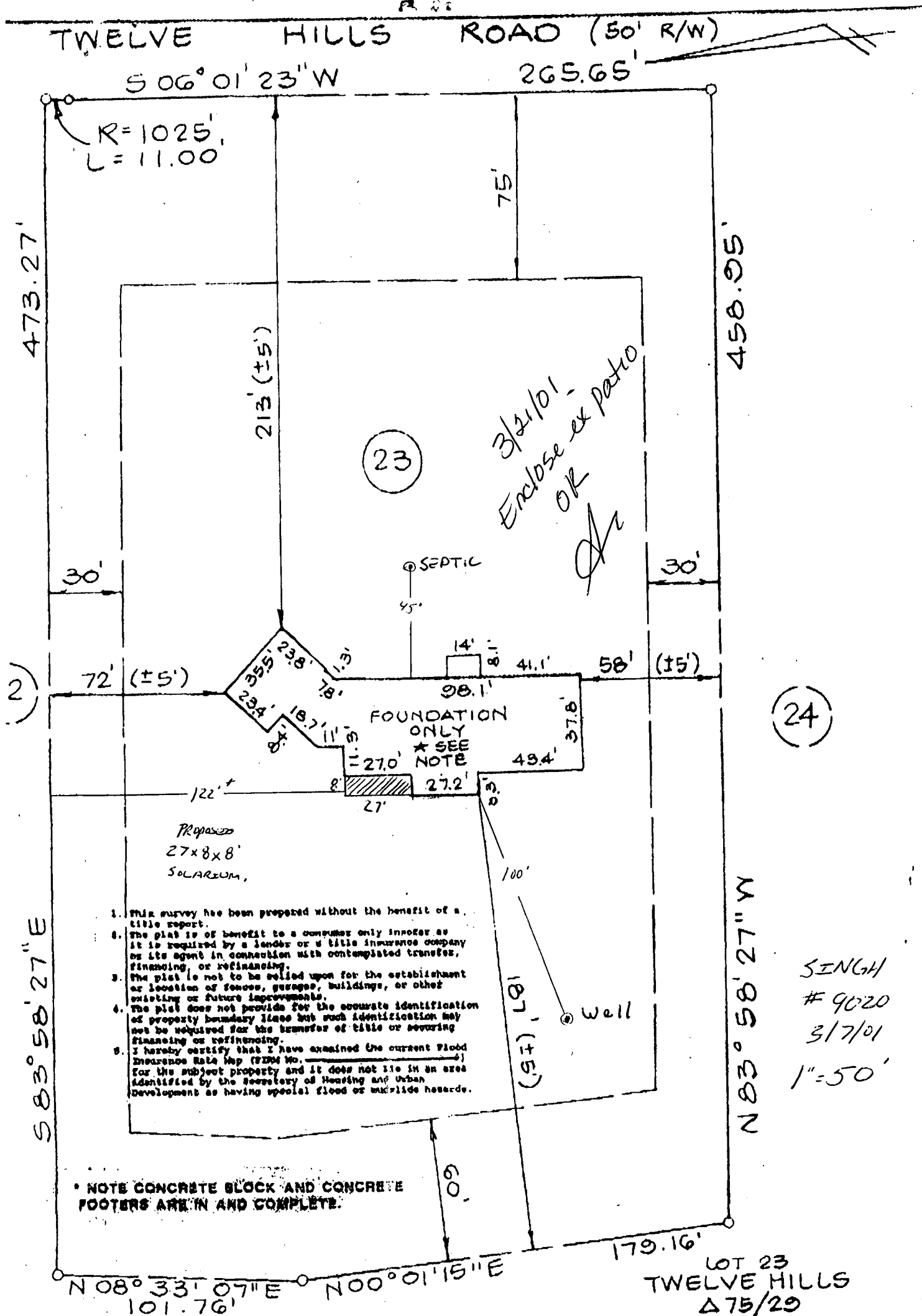
McKEE & ASSOCIATES, INC.
CIVIL ENGINEERS • LAND SURVEYORS
5 SHAWAN ROAD HUNT VALLEY, MD 21030

(410) 527-1555

11 = 501

5.12.02

98. 95



SINGH
9020
3/7/01
1"=50'

-16-98 Cynthia B. Bowden

late

CYNTHIA B. BOWDEN
MD. REG. NO. 10788

FOUNDATION

LOCATION DRAWING

TWELVE HILLS ROAD

MCKEE & ASSOCIATES, INC.

CIVIL ENGINEERS • LAND SURVEYORS

SHAWAN ROAD HUNT VALLEY, MD 21030

scale:

1" = 50'

date:

7.15.98

job no:

