

4/12/90 1 pm
8/24/91

PERMIT

P 45701

SEWAGE DISPOSAL SYSTEM

A 39368

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 3/19/91

DATE SYSTEM APPROVED 8/24/91

INSPECTOR M. R. Pitkin

INDEXED

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland PHONE 875-4197

SUBDIVISION Chapel Woods ROAD 11825 Linden Chapel LOT 9

PROPERTY OWNER Allan Homes, Inc. DENNIS + Judy SESTER

ADDRESS _____

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.~~

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 190 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 160 feet from the front lot line and 100 feet from the right side of the lot as seen when facing the lot from Linden Chapel Road. Run the trenches toward the right side line.

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

PLANS APPROVED BY Raymond Hodges DATE 8/29/90

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

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

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

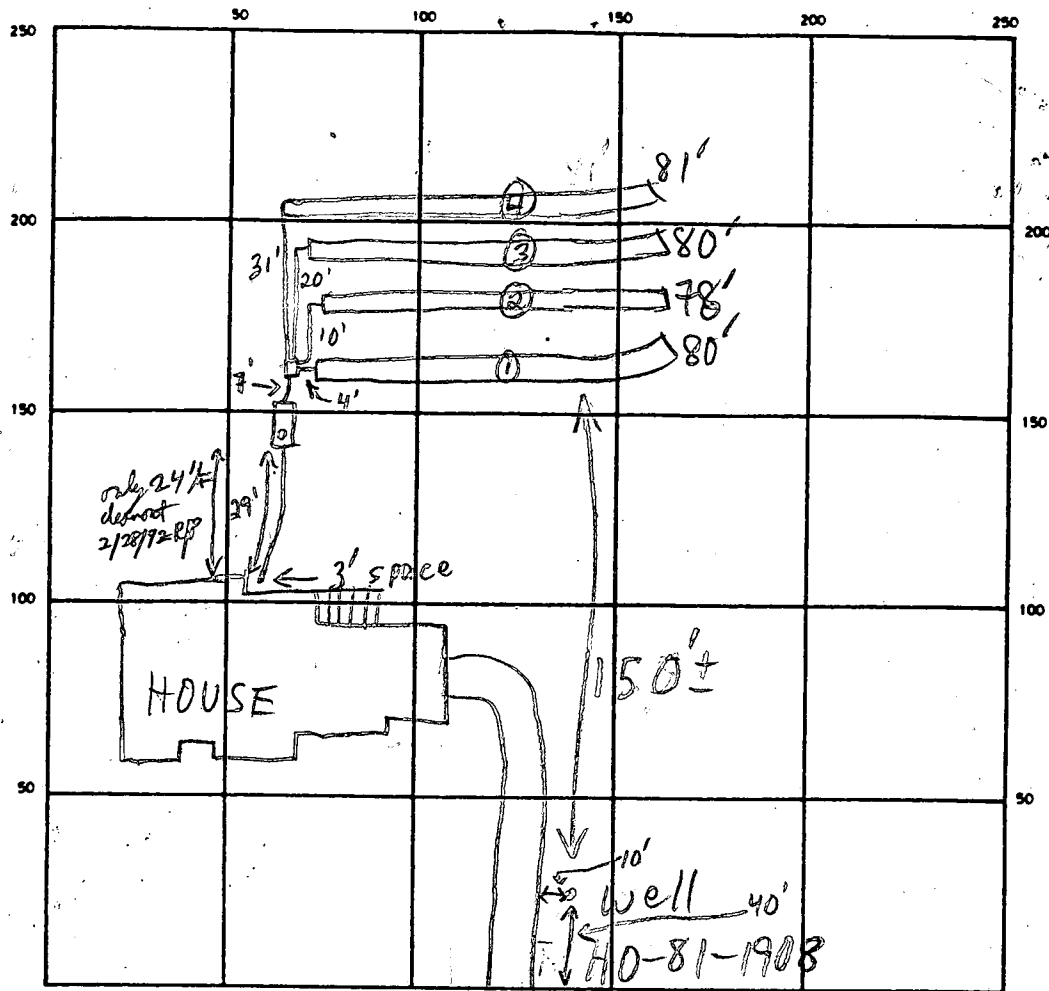
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.**

A 39368



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

LINDEN CHURCH RD

SEPTIC TANK. LEVEL 1500 GAL-OK CLEANOUTS OK

DISTRIBUTION BOX. LEVEL OK - BAFFLE IN

DRAIN FIELD/TILE FIELD. DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 278 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 2234 SQ. FT.

DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 957 SQ. FT.

REMARKS 4/17/90 OK TO COVER WHEN READY - ALL EXC. HOUSE CONN - HOUSE CONN NOT INSTALLED MR

8/21/91 WELL HEAD CUT DOWN, SITTING IN SMALL CUTOUT AREA IN SIDE OF HILL W/ WOOD FRAME, 8"-10" TO 2"-3" DEEP GRAVEL BED; HOUSE CONN OK MR 8/28/91 Notes well

only as landscaped - 100 c. bed

DATE SYSTEM APPROVED 8/21/91 INSPECTOR M. Rifkin

APPLICATION

SEWAGE DISPOSAL TESTING

A 39368

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DATE 5-14-87

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 Newborn Development Corp. Allan Homes Inc

ADDRESS 5570-201 Sterrett Place PHONE 997-3815
Columbia, MD 21044

PROPERTY LOCATION:

SUBDIVISION Chapel Woods Sec. 2 Area 1 LOT NO. 9

ROAD AND DESCRIPTION 11825 Linden Chapel Road on the West side of Rte. 108
approx. 900' Northeast of Trotter Rd.

SIZE OF LOT 3.0365 Ac. TYPE BLDG. 5 (single family)
(NUMBER OF BEDROOMS)

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.

Grant A. Henne
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6-16-87 PERC SATISFACTORY - HOLD FOR PLAT. S. AG

BUDG. PERMIT SIGNED
AND RETURNED 8/29/89
Serial # 2876
SFD - 5 Bedrooms

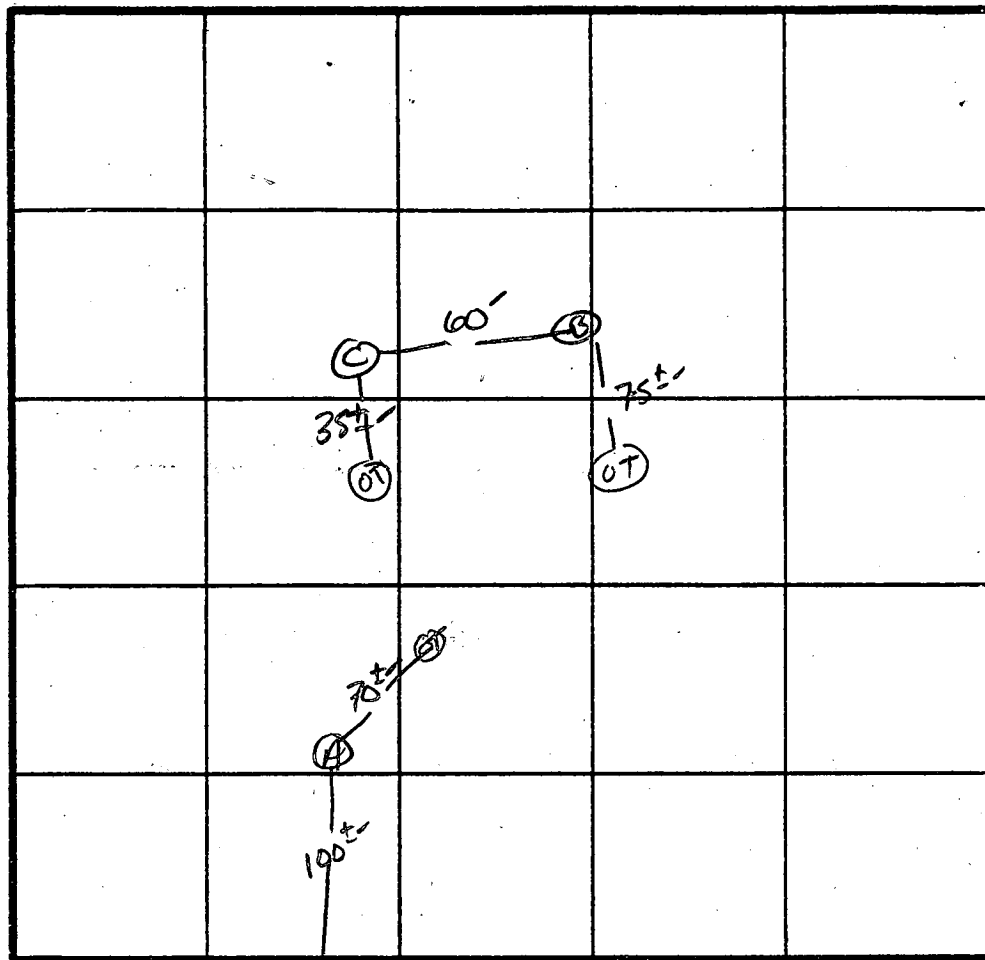
THIS IS NOT A PERMIT

Ⓐ ⇒ Ⓒ
SOIL PROFILE

0'
4"
4-4.5'
11-12'

A1-3
Yellow Br →
Brown
Silty Clay
Loam
16-18% Frags

Yellow Br
Micaceous
Silt Loam
15-22%
Frags



X PERC MIN

190#/BR

Inlet 3.5'

Bottom 5.5'

3/9/88

Specs given out

5 soil no garbage

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

WINDEN CHAPEL Rd.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-------------|-----------------------|------|----------------|------|-------|
| | | | START | STOP | START | STOP | |
| 4/16/87 | AS | 5.5' 12" | 1:43 | 1:45 | 1:45 | 1:52 | 7 MIN |
| | BV | 11" | UNIFORM SOIL below 4" | | | | |
| | CS | 11" | 1:35 | 1:37 | 1:37 | 1:40 | 3 MIN |
| | CV | 11" | UNIFORM SOIL below 4" | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS Shallow Syst. only

TYPE OF SOIL Clarety - Chester

TESTED BY S. Abel

ALSO PRESENT

APPLICATION

A 34824

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P O BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000 EXT 356

DISTRICT 5

DATE 1-5-85

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 Newburn Development Corporation
Suite 201, 5570 Sterrett Place
Columbia, Maryland 21044
ADDRESS 997-3815 596-3877 PHONE _____

PROPERTY LOCATION _____
SUBDIVISION Chapel Woods, Section 2 LOT NO. LOT 9 AREA I
ON FINAL
27 SEC 2

ROAD AND DESCRIPTION _____

SIZE OF LOT 3-acre TYPE BLDG. single family residence
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT James J. Newburn

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

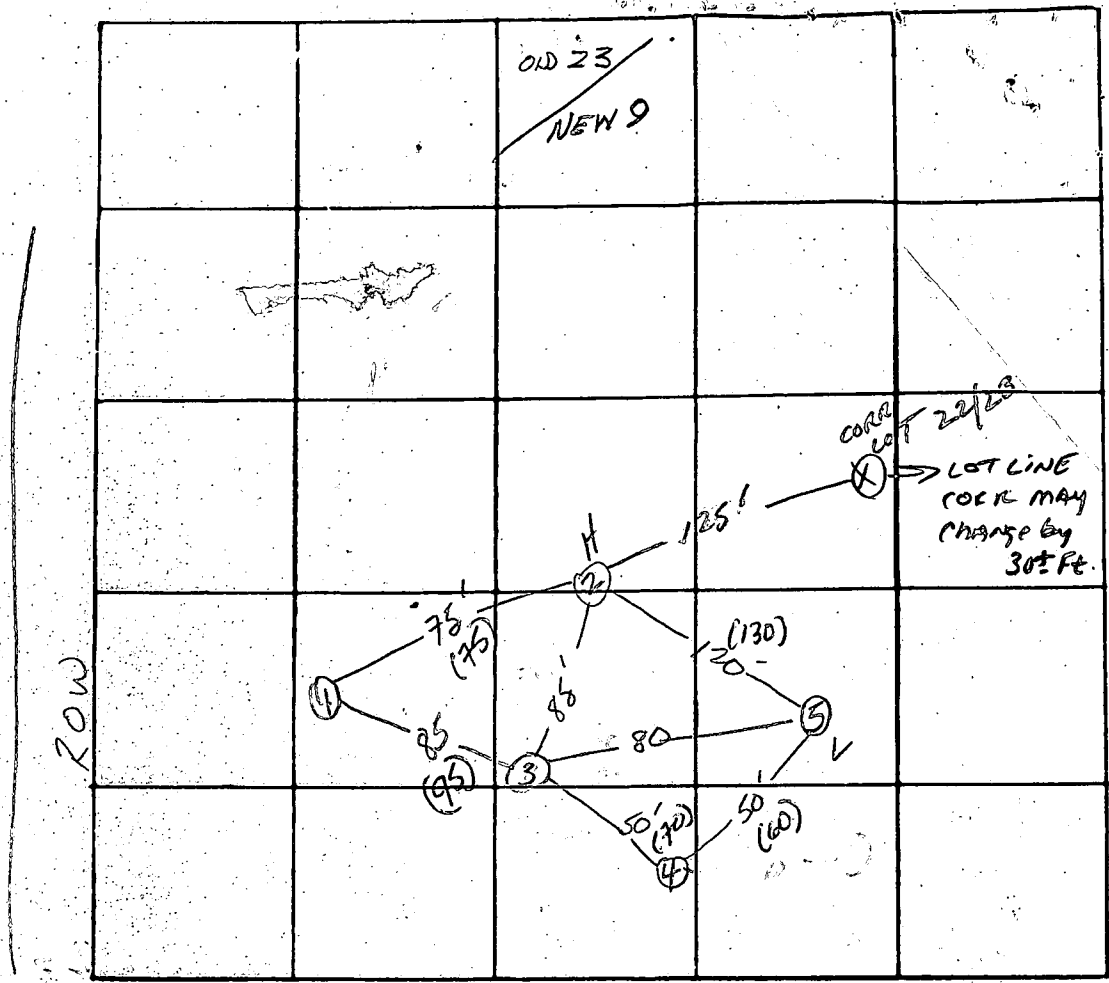
REASONS FOR REJECTION OR HOLDING 2-15-85 Rec OK, hold For Certified. Hold Plat, House,
AND well SITE. SAH

THIS IS NOT A PERMIT

①
 6" A 0-3
 RED BROWN
 CLAY LOAM
 410%
 SAPROLITE
 4" SAND LOAM
 BROWN
 20-30%
 SAPROLITE
 8" BROWN
 SAND
 40-50%
 SAPROLITE

② ⑤
 6" A 0-3
 RED BROWN
 CLAY LOAM
 410% SAPROLITE
 3.5" BROWN
 SAND
 LOAM
 410%
 SAPROLITE

③ ④
 6" A 0-3
 RED BROWN
 CLAY LOAM
 410%
 SAPROLITE
 3.5" BROWN
 SANDY
 SILTY
 10-20%
 SAPROLITE
 1.5" Fx ROCK AT
 BOTTOM



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE
 ↓ TO RE 108 ↓

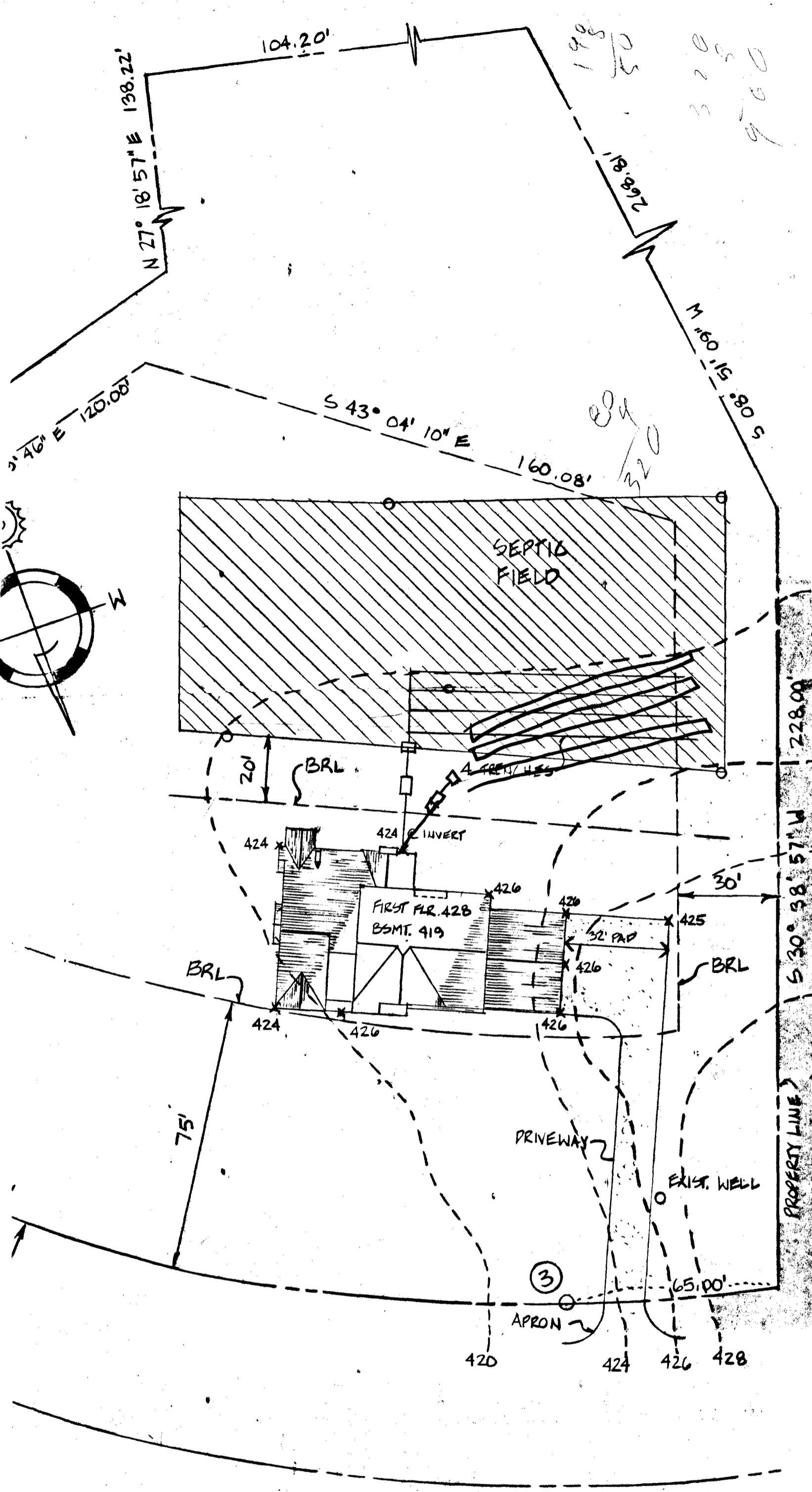
| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-------|--------------|---|----------------|-------|-------|
| | | | START | STOP | START | STOP | |
| 7/15/85 | 1S | 4' | 11:44 | ⇒ WATER ENTERING HOLE FROM SATURATED SOIL ABOVE | | | |
| | F 1V | 12' | UNIFORM SOIL | STRUCTURE BELOW 4' | | | |
| | 2S | 4' | 11:49 | 11:50 | 11:50 | 11:52 | 2min |
| | 2V | 13' | UNIFORM SOIL | Below 4' | | | |
| | 3S | 4' | 11:52 | 11:56 | 11:56 | 12:02 | 6min |
| | 3V | 13' | UNIFORM SOIL | Below 4' | | | |
| | 4S | 4' | 11:58 | 12:08 | 12:08 | 12:30 | 22min |
| | 4V | 12' | UNIFORM SOIL | Below 4' | | | |
| | 5S | 3' | 12:06 | 12:22 | 12:22 | 12:51 | 29min |
| | 5V | 12' | UNIFORM SOIL | STRUCTURE BELOW 4' | | | |
| | 1M | 5' | 12:33 | 12:36 | 12:36 | 12: | |

REMARKS: Hole #1 has saturated clay soil above good permeable soil - H₂O entering per hole from this layer - Hole dug to 5'

TYPE OF SOIL: Chester/Mana Association

TESTED BY: S. Abel

ALSO PRESENT: John, FRANK
DEVRA



PLANS OK
8/29/89

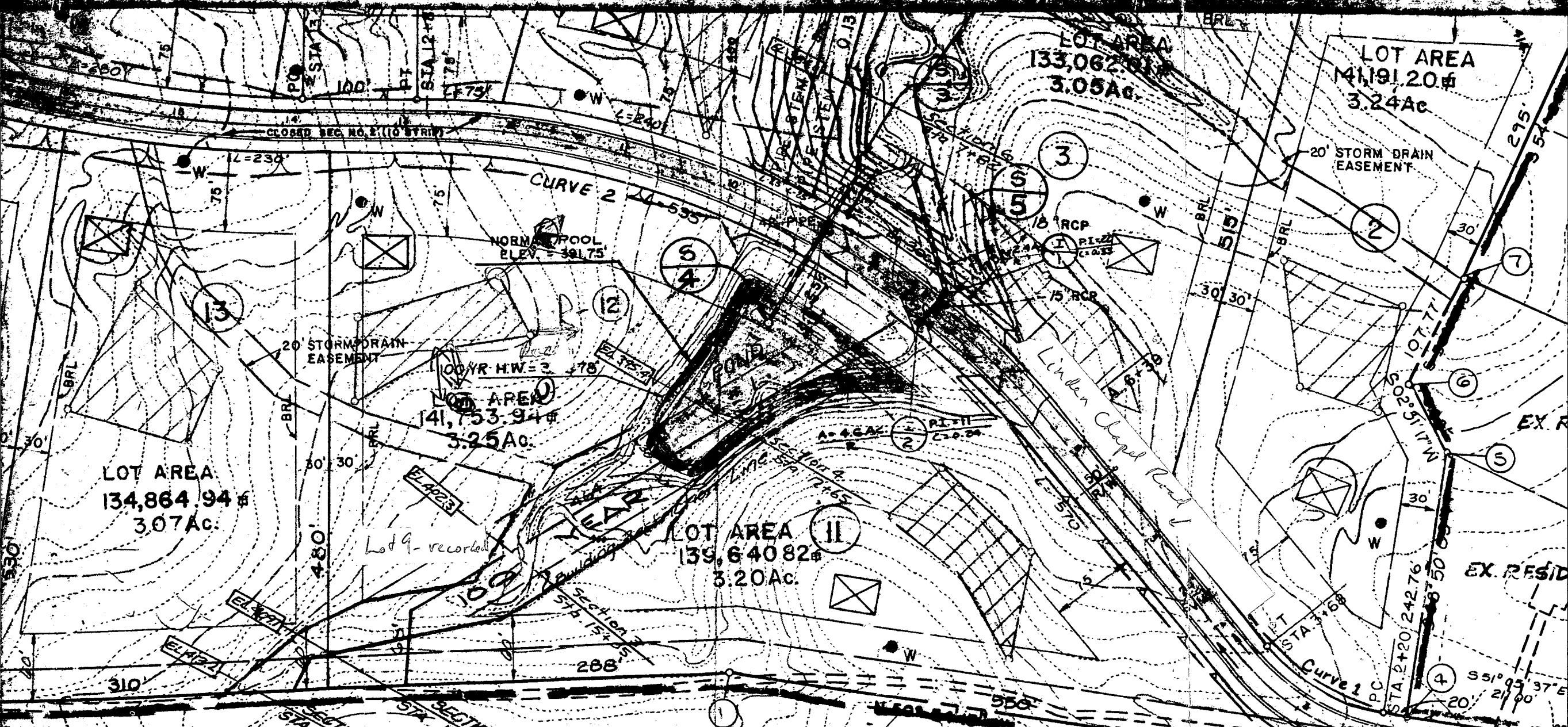
SITE PLAN

SCALE: 1" = 30'-0"

R J Hodges

CHAPEL WOODS LOT 9

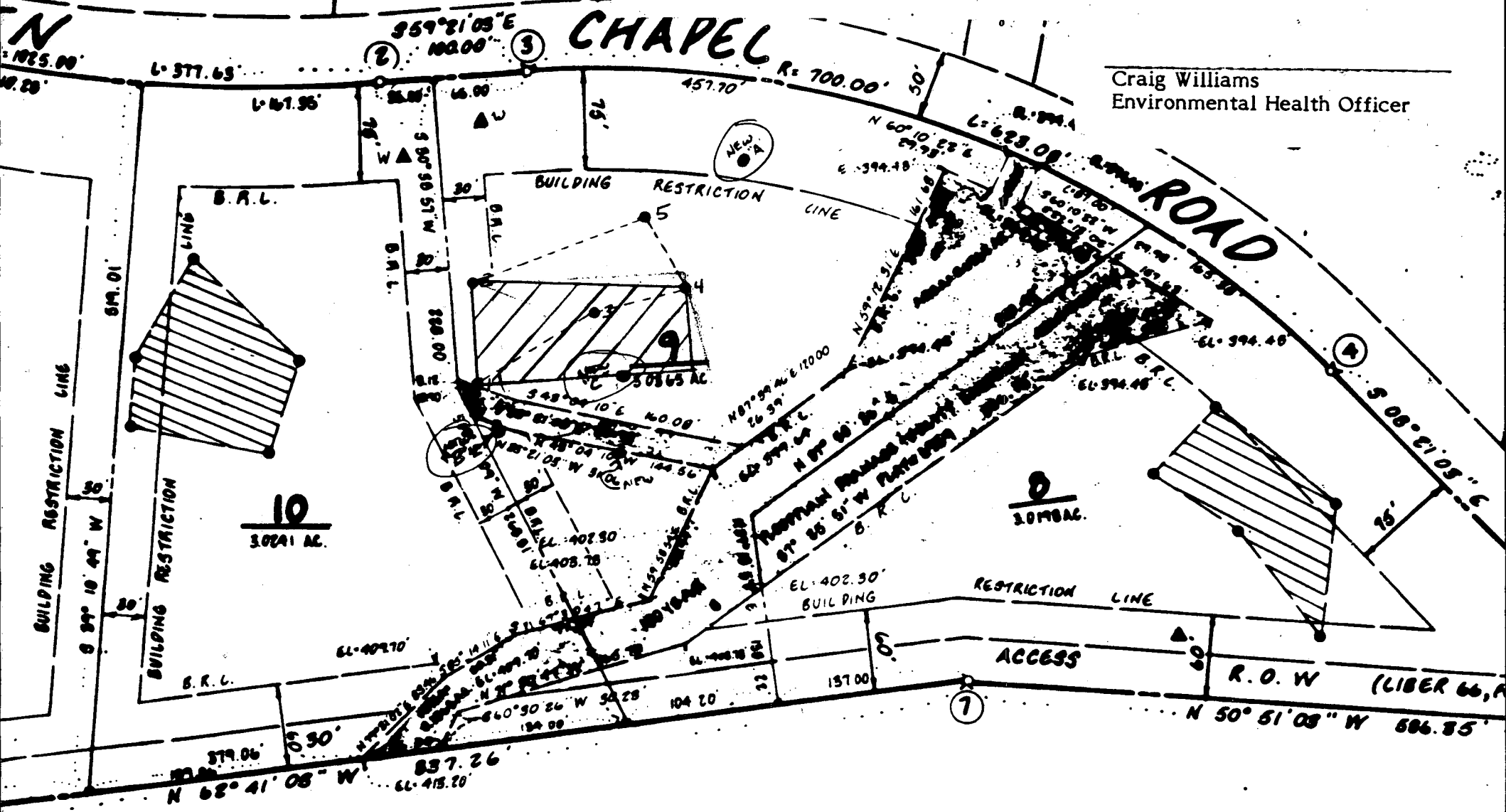
HOWARD COUNTY, MARYLAND



Chapel Woods - for additional
 Perc tests - Lot 9 Sec 2, Arl Plat # 7185
 - Newburn Devel. Corp. 997-3815
 MARTHA W LANGENFELDER
 862/42 P 40 ZONED




CLOSED
 SEC NO. 1
 (5 STRIP)

The revised septic easement shown hereon is acceptable to the Howard County Department of Environmental Health and Mental Hygiene and may be used in place of the area reserved on recorded Plat #7569



Craig Williams
Environmental Health Officer

CHAPEL WOODS
SECTION II AREA I
PLAT #7185
LOT 9 SEWAGE EASEMENT
VARIANCE

-  Revised Sewage Easement
-  Recorded Sewage Easement
-  Percolation Test hole

B 1 1597 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

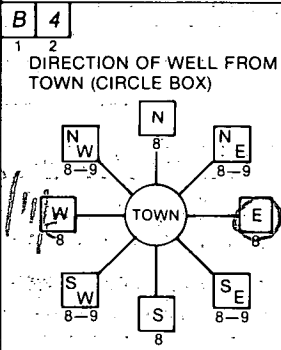
STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

OEP PERMIT NUMBER
HO-81-1908
fill in this form completely

OWNER INFORMATION
Date Received
Newbarr Development
5570 Sterrett Place
Columbia MD 21044

LOCATION OF WELL
Howard
Chapel Woods
Section 11 Lot 9
Clarksville
1 1/2 MI

DRILLER INFORMATION
Joseph L. Mayne
Joseph L. Mayne Well Drilling
5512 Ridge Rd. Mt. Airy 21771
2/2/87



Linden Chapel Rd.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
45 FT
ENTER FT or MI FT

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.)
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

USE FOR WATER (CIRCLE APPROPRIATE BOX)
HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard A34824
OEP SIGNATURE DATE ISSUED
021787
NORTH GRID 507000 EAST GRID 0821000

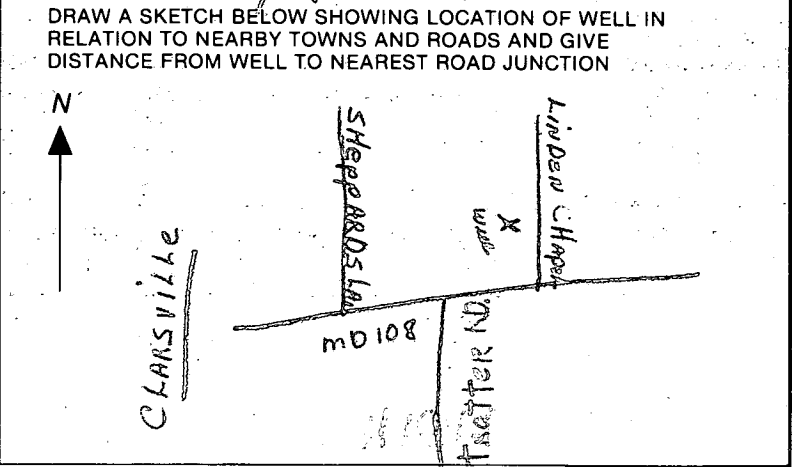
APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. Well
WRITE THE BOX NUMBER FROM THE MAP HERE
8201
5067

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER HC87 GAP 004
FORCE CW PERMIT No. HO-81-1908

SPECIAL CONDITIONS TO BE CHANGED TO DRINKING WELL UPON SUBDIVISION APPROVAL

3/11/87

Location OK'd

30' casing

31' open hole

13 bags

160 sample taken

H1011

C1 3857

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A 34824

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED

DATE WELL COMPLETED 03/13/87

DEPTH OF WELL 37.5 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-81-1908

OWNER NEWBURN DEVELOPMENT last name LINDEY first name CHASEL RD TOWN CLARKSBURG SUBDIVISION CHAPEL WOODS SECTION 2 LOT 9

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND 0-31, GRAY GRANITE 31-38.5, OK.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 13 NO. OF POUNDS 1222 GALLONS OF WATER 79 DEPTH OF GROUT SEAL 61 ft.

CASING RECORD (ST/CO) STEEL CONCRETE (PL/OT) PLASTIC OTHER

MAIN CASING TYPE 57 Nominal diameter 4 inch Total depth 36 feet

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD (ST/BR/PL) STEEL BRASS BRONZE PLASTIC (HO/OT) OPEN HOLE OTHER

DEPTH (nearest ft.) 37.5

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

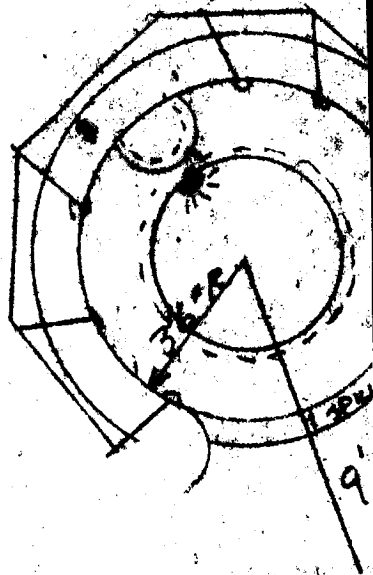
PUMPING TEST HOURS PUMPED 3 PUMPING RATE 4 gal. per min. METHOD USED TO MEASURE PUMPING RATE: bucket WATER LEVEL 34 BEFORE PUMPING 198 WHEN PUMPING TYPE OF PUMP USED: S submersible

PUMP INSTALLED

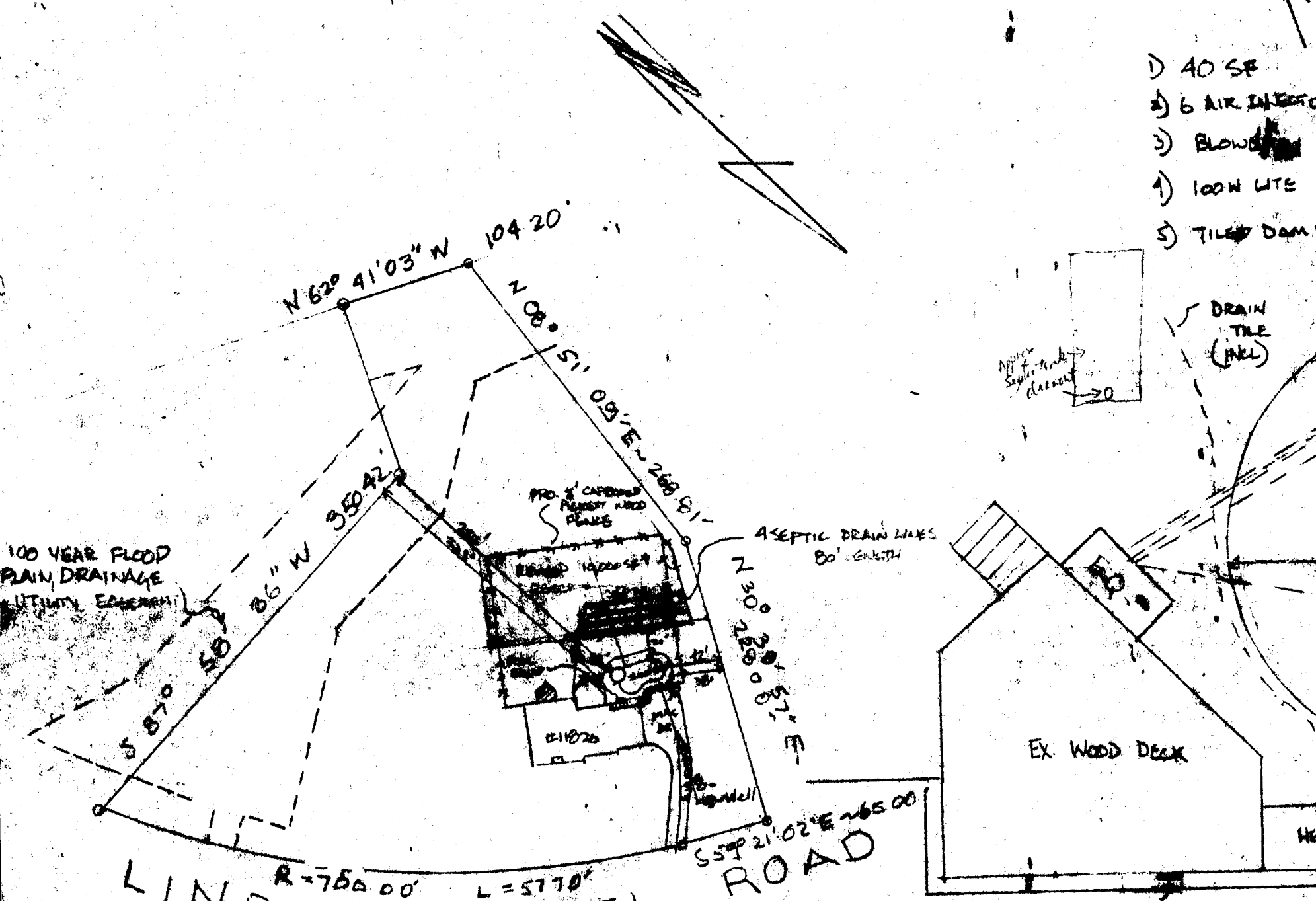
DRILLER WILL INSTALL PUMP YES (NO) CAPACITY: GALLONS PER MINUTE PUMP HORSE POWER PUMP COLUMN LENGTH CASING HEIGHT

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)

SPA SPGCO



- 1) 40 SF
- 2) 6 AIR INJECT
- 3) BLOWER
- 4) 100W LITE
- 5) TILED DAM



N 62° 41' 03" W 104.20'

N 08° 51' 09" E 268.81'

S 86° 16' 36" W 388.42'

N 30° 23' 00" E 217.71'

S 57° 21' 02" E 465.00'

LINDEN CHAPEL

R=750.00' L=5170'

50' B/W

SCALE 1" = 100'



RT 29

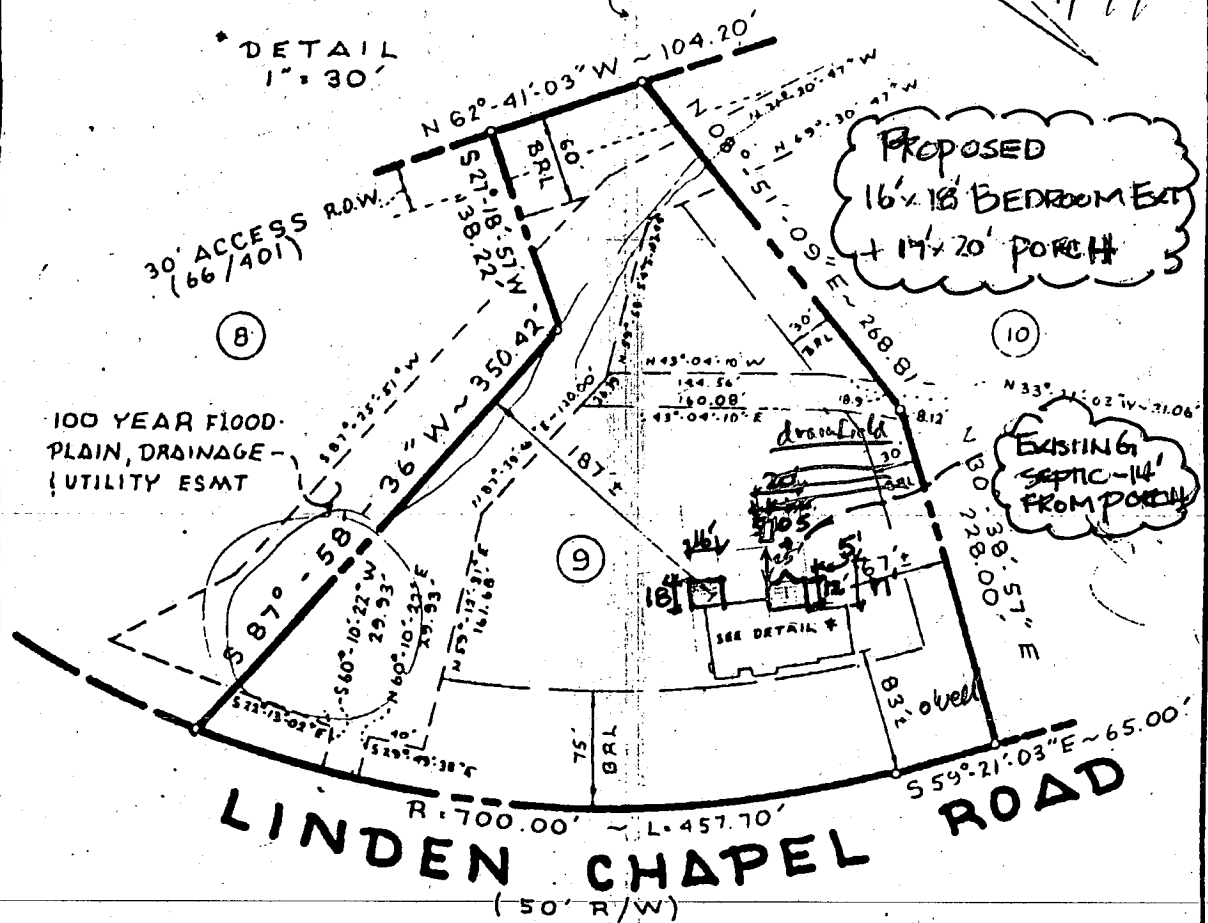
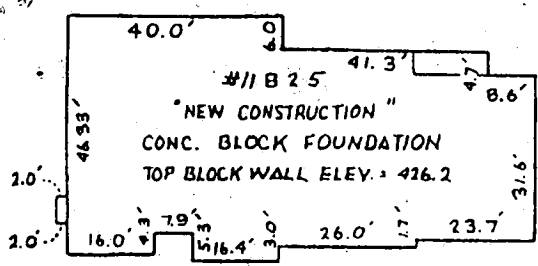
175

95

3495

2090

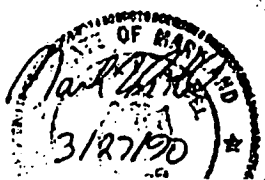
B 00 12 47 49
 11825 Linden Chapel Rd
 Extending existing Bedroom
 + porch - No change in # Bedrooms
 No impact on well or
 Septics. Recommended Approval.
 AP 6/8/00



LOT # 9
 CHAPEL WOODS
 PLAT # 718E
 SECT. 2 ~ AREA 1
 HOWARD COUNTY, MD.

Note: The information on this plat shows only that the improvements indicated hereon are contained within the outlines of the lot upon which they were erected, unless otherwise noted, and is not to be used to establish property lines or corners.

I hereby certify that I have examined the current Flood Insurance Rate Map (FIRM Map # 240044-0027-B) for the subject property and it does not lie in an area identified by the Secretary of Housing and Urban Development as having Special flood or mudslide hazards.



Foundation Location Survey of # 11825 LINDEN CHAPEL ROAD

Vitti, Robel and Associates, Inc.
 ENGINEERING & SURVEYING

job no. 8967
 scale 1" = 100'
 date 3-23-90