

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50142C

A 42814

DISTRICT 4th

DATE 7/11/94

DATE SYSTEM APPROVED 7/19/94

INSPECTOR Ann

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 XX 313-2640

INDEXED

Paul Schissler/South Carroll Backhoe IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Camden Downs LOT 12 ROAD 15606 Thistle Down Court

PROPERTY OWNER Joseph & Molly Ketierer

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 140 feet off the front (235.91') lot line and 115 feet off the left (537.80') lot line as seen when facing the lot from Thistle Downs Court. Run trenches on contour toward the right (580.82') and left (537.80') lot lines. MAINTAIN A MINIMUM OF 100 FEET FROM THE WELL.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OR 5/31/94 DKS

PLANS APPROVED BY Jane E. Nadeau/Mark Rifkin REVISED DATE 04/26/94

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)

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

PERMIT VOID AFTER TWO YEARS

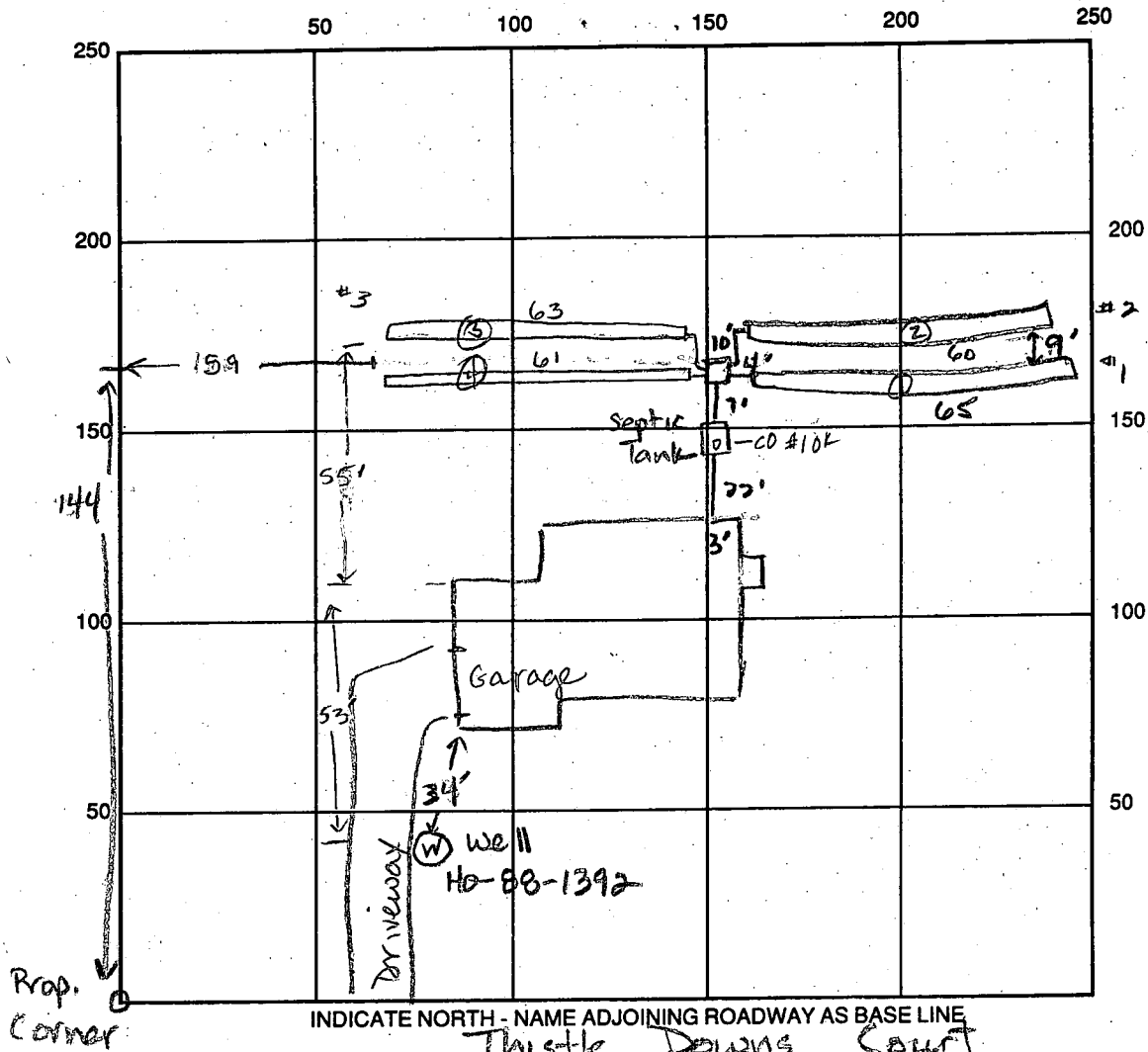
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

OLD PERMIT
AND RETURNED 6/29/2000
B00125172
DECK

A 42814



SEPTIC TANK LEVEL OK 1500

CLEANOUTS #1 OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 8.5 8.5 8.5 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 4.0 4.5 4.5 FT.

EFFECTIVE GRAVEL DEPTH 4.5 4 4 FT.

TOTAL LENGTH 65 60 63 FT.

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 2725 240 252 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 7-18-94 OK to cover trenches #1 & #2. Lessen slope
10 ft before septic tank on sewer line to 1/4 in/ft fall. JEN
7-18-94 OK to add stone, pipe & paper to trench #3. Slope of sewer line
at 2%. OK to cover septic tank. JEN 7/19/94 Trench #4 OK - OK
to cover all work final Aum
7/19/94 WPI OK to cover Aum

DATE SYSTEM APPROVED 7/19/94

INSPECTOR Amy McMillen

APPLICATION

PERCOLATION TESTING

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

A 42814

P _____

DISTRICT 4

DATE 8/16/88

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 Carrie Lee Hutchins Joseph + Molly KETTERER

ADDRESS 830 Morgan Station Road, Woodbine MD 21797 PHONE 410-549-6460

PROSPECTIVE BUYER Potomac Development Company

ADDRESS 1015 Copperstone Ct., Rockville MD 20852 PHONE 424-6006

PROPERTY LOCATION:

SUBDIVISION Camden Downs LOT NO. 13 Prelim (12)

ROAD AND DESCRIPTION Old Frederick Road and Morgan Station Road
(15606 Thistle Down Court)

TAX MAP 8 PARCEL # 1

SIZE OF LOT 3.00 Acres TYPE BLDG. SFD
(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.

Gregory B. Powell
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 124-81 Perc Satisfactory held for perc. test

BLDG. PERMIT SIGNED

AND RETURNED

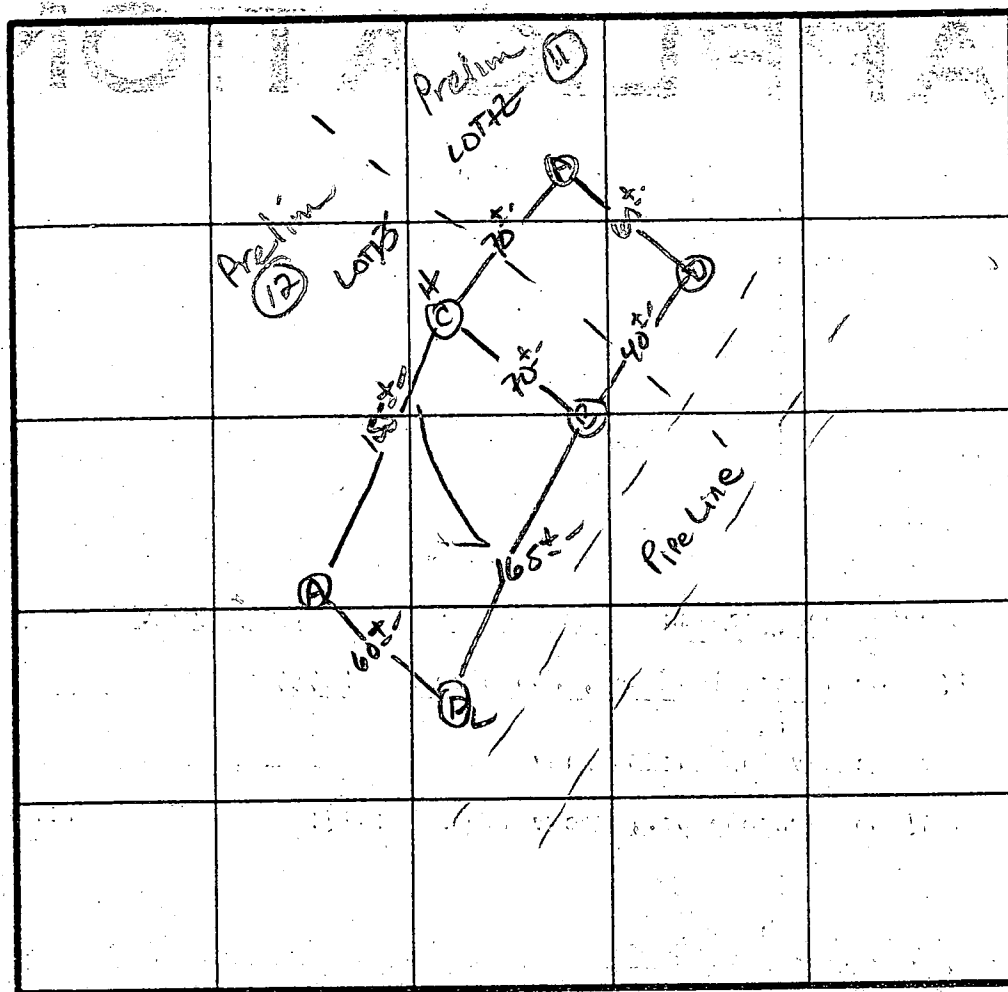
4/24/94
Serial # 53506

SFD - 96mm

THIS IS NOT A PERMIT

SOIL PROFILE

0'	AP
8'	yellow brown Silty Clay loam 10-15% Frnp
3.5- 4.0'	yellow Br w/ pink casts silt loam 15-20% Frnp
13'	



$\bar{x}$ Perc 17 min
240 fl oz
Inlet 4.5"
Bottom 8.5"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

OLD FRED. Ed.

[illegible]

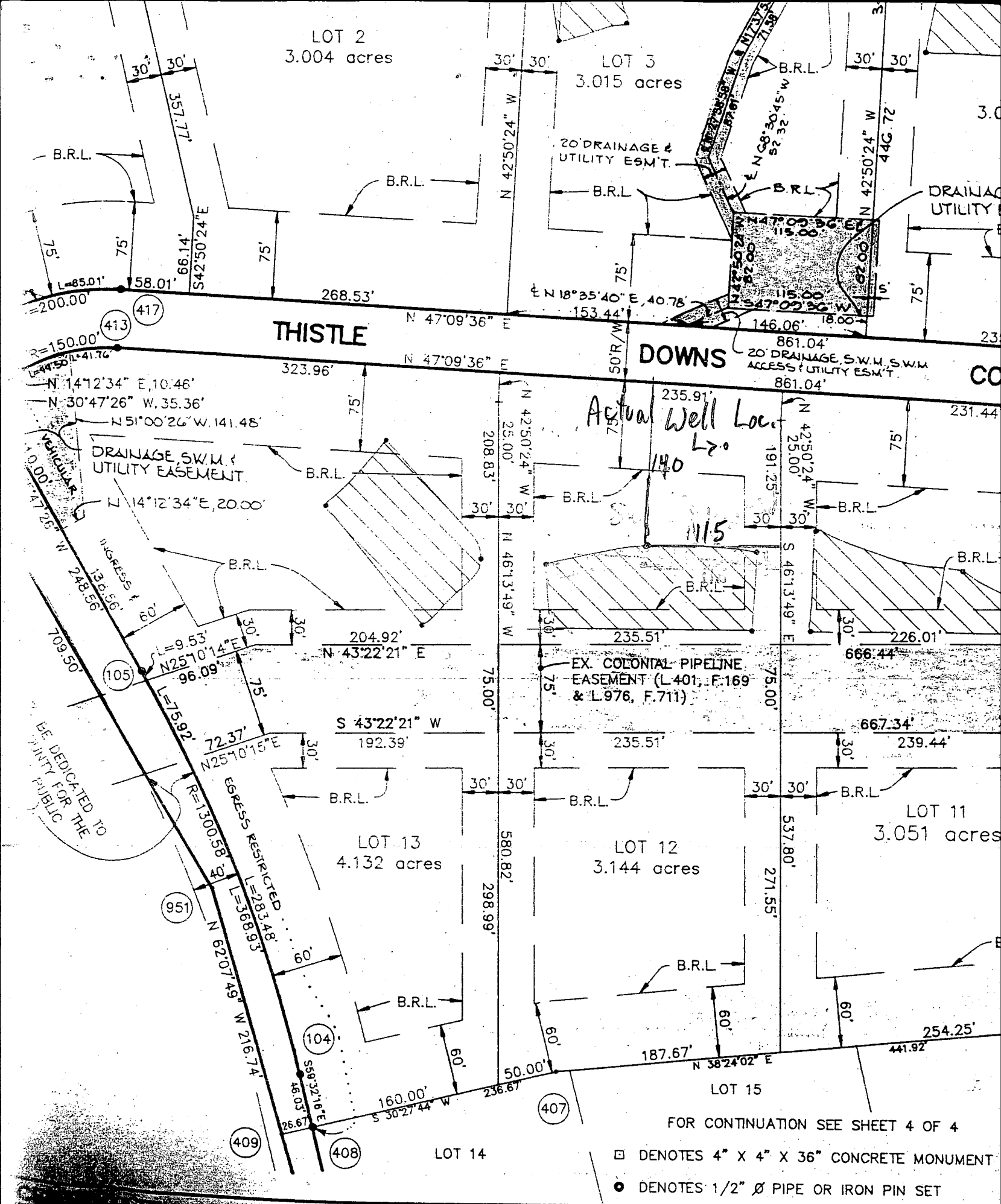
Brown Clay
layer

REMARKS 11les AS STAKED & APPROX TO PLAT.

TYPE OF SOIL Glaucls, Phosren

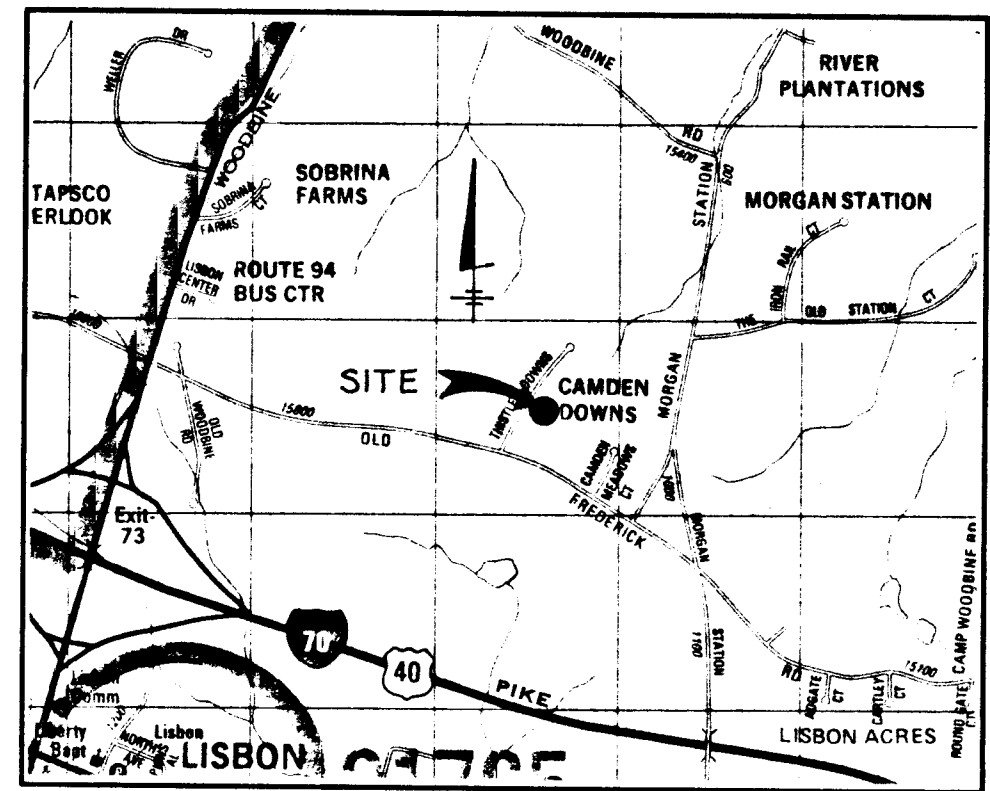
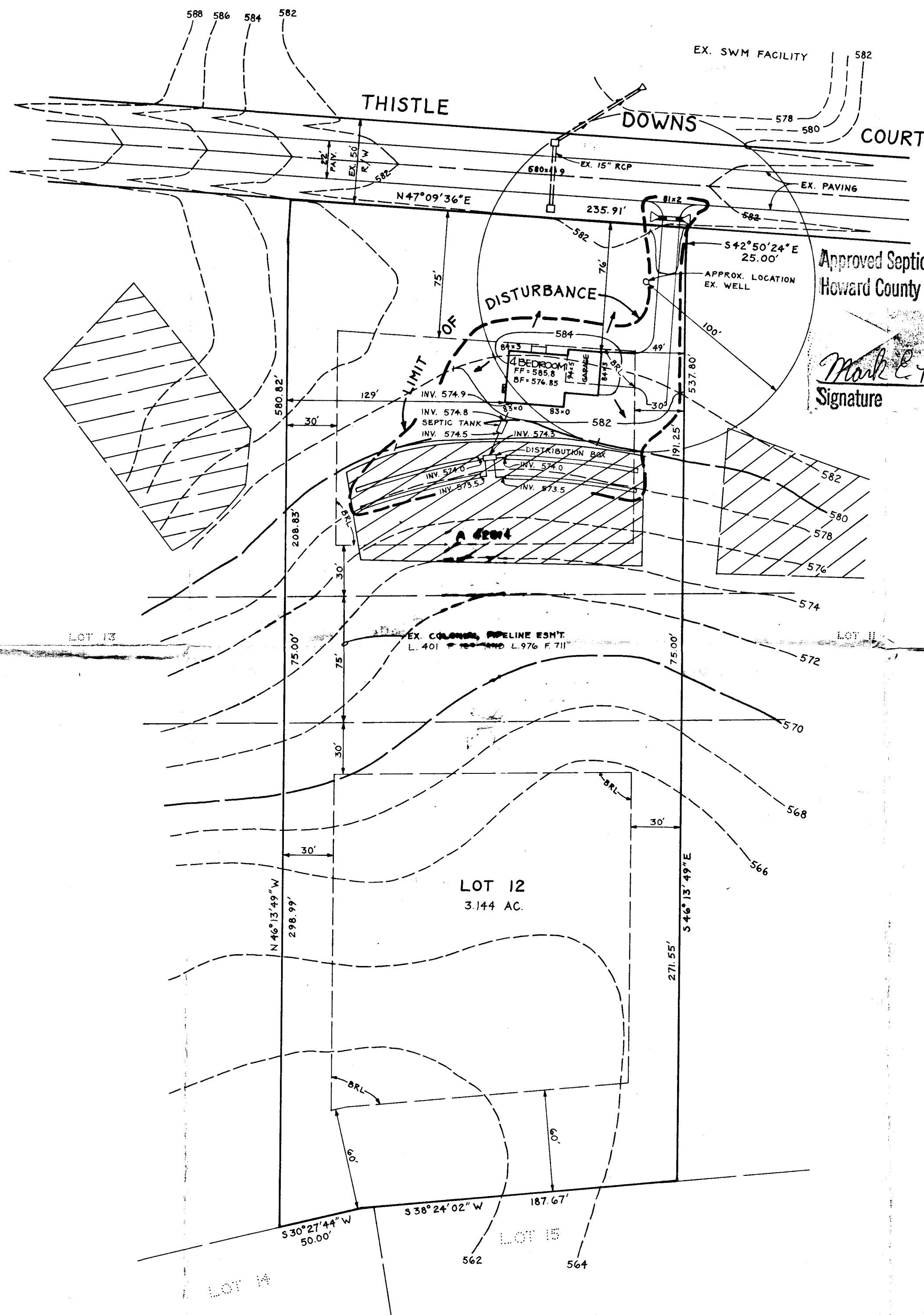
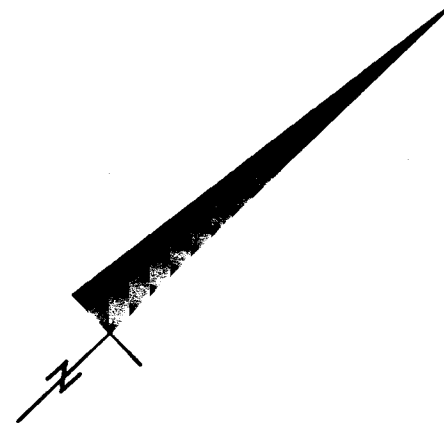
TESTED BY S. Abel

ALSO PRESENT Phil



OWNER'S CERTIFICATE

WE, CARRIE LEE HUTCHINS, HOWARD O. HUTCHINS, JR., DOROTHY LEE



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SF +/- AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAN SHALL NOT BE NECESSARY.
2. SUBJECT PROPERTY ZONED
3. ALL EXISTING WELL AND SEPTICS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
4. EXACT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.

DISTURBED AREA = 17,475 SF

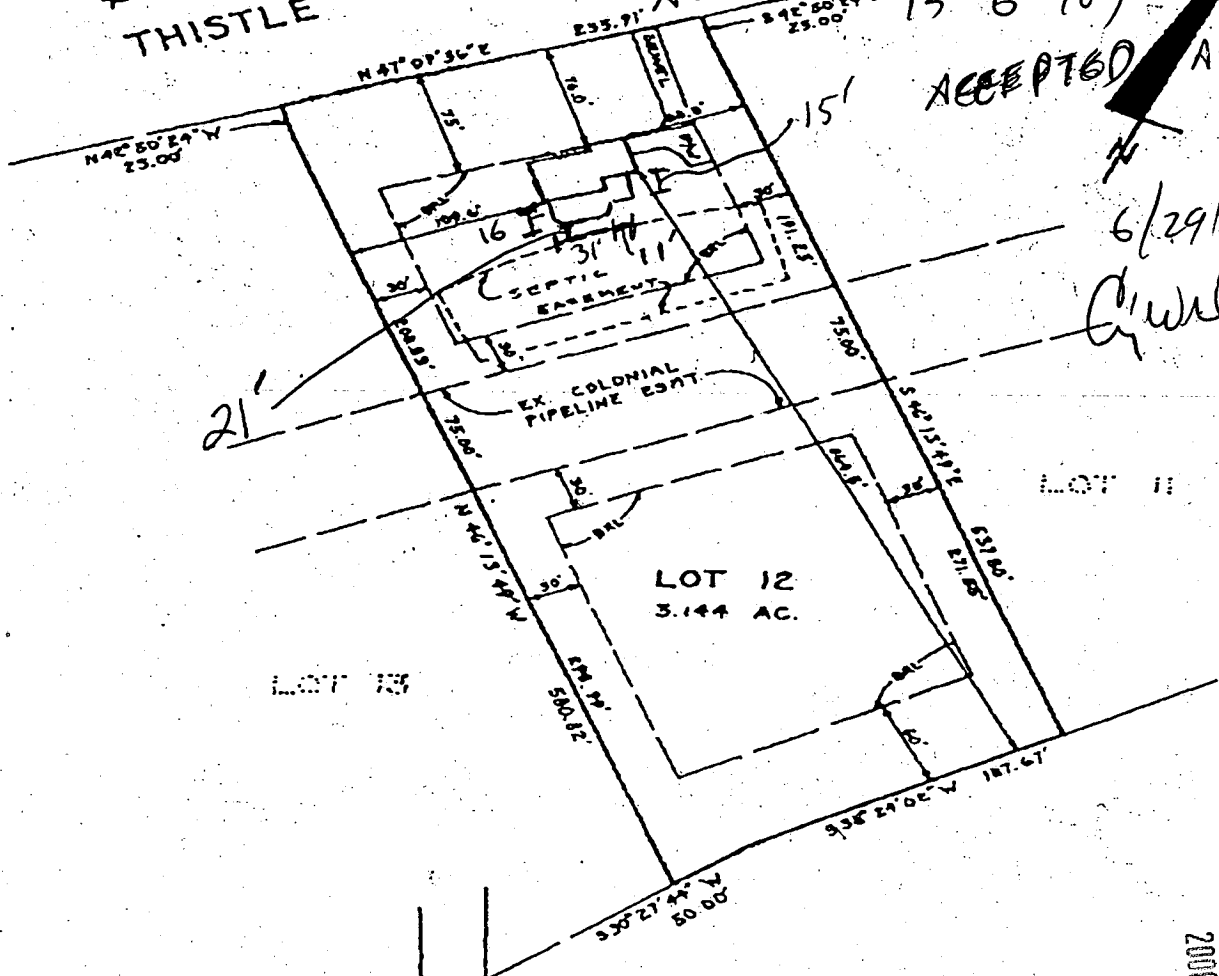
LOT 12
CAMDEN DOWNS
SECTION ONE PLAT NO 9571

TAX MAP NO 8 PARCEL 237 616 1P

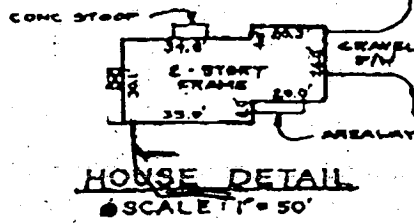
4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: APRIL 7, 1994

T.S.A. GROUP INC.
8480 BALTIMORE NATIONAL PIKE, SUITE 418
ELLICOTT CITY, MARYLAND 21043
(410) 465-6105

BO0125172
PROPOSED DECK
ROUGHLY 10 TO 50 FT. TALL
PROVIDED, UNABG TO NATIONALIZE
HEALTH DEPT RECORDS TO
THISTLE DOWNS COURT APPLICANTS EXHIBIT
ACTUAL RANGE OF POSSIBILITY
IS 6-16' CLEARANCE
ACCEPTED AS PROPOSED



6/29/00
G. Wall



FIRST FLOOR
ELEV. = 586.0

RECEIVED
HOWARD COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH
2000 JUN 29 PM 2:43

SURVEYOR'S CERTIFICATE

I CERTIFY THE PLAT SHOWN HEREON IS CORRECT, THE LOCATION OF THE IMPROVEMENTS AS SHOWN IS A RESULT OF A FIELD SURVEY; THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES; THIS PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA AS SHOWN ON THE FEMA FIRM IDENTIFIED BELOW.

[Signature]
PETER J. DORE
MD PROPERTY LINE SURVEYOR #224
7-26-94
FINAL

RECORD PLAT NO. 9572
FEMA FIRM NO. 240044 00060
DATED DEC. 4, 1990

T S A GROUP INC.

planning • architecture • engineering • surveying
8400 BALTIMORE NATIONAL PKWY SUITE 410
ELLSWORTH CITY, MARYLAND 21043
(410) 463-0103

15606 THISTLE DOWNS COURT
LOT 12
CAMDEN DOWNS
SECTION ONE
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' DATE: 5-16-94

B 1 9471 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-88-1392 fill in this form completely
Date Received (APA) 050790		B 3 LOCATION OF WELL	
OWNER INFORMATION 8 050790 13 15 CAMDEN DOWNS PARTNER 34 Last Name Owner First Name 36 10805 HICKORY Ridge Rd 55 Street or RFD 57 Columbia 70 MD21044 76 Town State Zip		1 HOWARD 21 COUNTY 23 CAMDEN DOWNS 42 SUBDIVISION SECTION 1 44 46 LOT 12 48 50 LISBON 71 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 2 73 76 77 78 MI	
DRILLER INFORMATION Driller's Name FRANK-DELPH 77 License No. 453 80 Firm Name FRANK DELPH WELL DRILLERS INC Address 18234 PENN SHOP RD Mt. Airy MD Signature Frank Delph 5-2-90 Date		B 4 THURSDOWNS CT 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N 32 E 33 WEST W 34 S 35 SOUTH S 36 34 30 37 DISTANCE FROM ROAD ENTER FT or MI A7 38 39	
B 2 WELL INFORMATION 1 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. A-42814 STATE SIGNATURE Mark E. Rifkin 12/6/90 DATE ISSUED 43 060690 48 CO SIGNATURE Mark E. Rifkin 55 NORTH GRID 551000 57 EAST GRID 0784000 63	
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)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 7864 N 5521	
APPROXIMATE DEPTH OF WELL 200 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH		32' CASING MR 29' OPEN 6/14/90 8 BAGS 1" CASING A.G. GROUT NOT OBS'D	
METHOD OF DRILLING (circle one) BORED (or Augered) ☒ JETTED ☐ Jetted & DRIVEN 30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary) 37 CABLE REVerse-ROTary Drive-POINT other		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION N 10 mi NW to THURSDOWNS CT 30' X well 650' Old Fredrick Rd Morgan Station Rd	
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 H0-88-1392 52		Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER GAP 54 63 FORCE MR 67 68 WRITE INITIALS IN BOX PERMIT No. H0-88-1392 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS			

C1 1603 SEQUENCE NO. (DENY USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

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

COUNTY NUMBER A-42814

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 5 5 7 9 8 13

15 11 11 20

22 100 26
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37
H0-88-1392

OWNER Camden Downs Partnership

STREET OR RFD Thistle Down Ct. last name first name

TOWN Lisbon

SUBDIVISION Camden Downs SECTION 1 LOT 12

WELL LOG

Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed) FEET FROM TO Check if water bearing

Top Soil 0 2
Shale 2 20
Brown Shale 20 28
Blue Shale 28 40
Brown Shale 40 60
Blue Shale 60 90
Brown Shale 90 100
Blue Shale 100 120
Brown Shale 120 135
Blue Shale 135 165

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 4 NO. OF POUNDS 4

GALLONS OF WATER 4

DEPTH OF GROUT SEAL (to nearest foot)

from 48" TOP to 54" 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 TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
FL 60 61 63 64 66 70

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

SCREEN RECORD
screen type or open hole insert appropriate code below
ST BR HO STEEL BRASS OPEN HOLE
PL OT PLASTIC OTHER

DEPTH (nearest ft.)
EACH SCREEN
1 8 9 11 13 15 17 19 21
2 23 24 26 30 32 36
3 38 39 41 45 47 51

SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
from to

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.) W Q
70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 10

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

TYPE OF PUMP USED (for test)

A air P piston T turbine

C centrifugal R rotary O other (describe below)

J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES 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)

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)

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

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLER'S IDENT. NO. 453

DRILLER'S SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY