

4/5/95 4/6/95
12:00 2:00

Tap ID 04-349210

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

P 50624

A 43799

DISTRICT 4th

DATE 4-4-95

DATE SYSTEM APPROVED 4-6-95

INSPECTOR ALM

Knudson Custom Homes

IS PERMITTED TO INSTALL X ALTER

ADDRESS 8455 Batt. Nat. Pike Ellicott City PHONE 410-2222

SUBDIVISION Hepburn Property LOT Route 97 ROAD 14875 Union Chapel Road

PROPERTY OWNER Dudley

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 60 feet per bedroom

*** Percolation test records not located.
Contractor to request inspection at time
of initial excavation - some adjustment
in trench depth could be required.***

180
540

TRENCHES - Trench to be 3 feet wide. Inlet 3½ feet below original grade. Bottom maximum depth 5½ feet below original grade. Effective area begins at 3½ feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 265 feet from the rear lot line and 100 feet off the right lot line. Run trenches on contour to right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK ALM 4/4/95

PLANS APPROVED BY Mark Rifkin/C. Williams

REVISED DATE 04/03/95

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

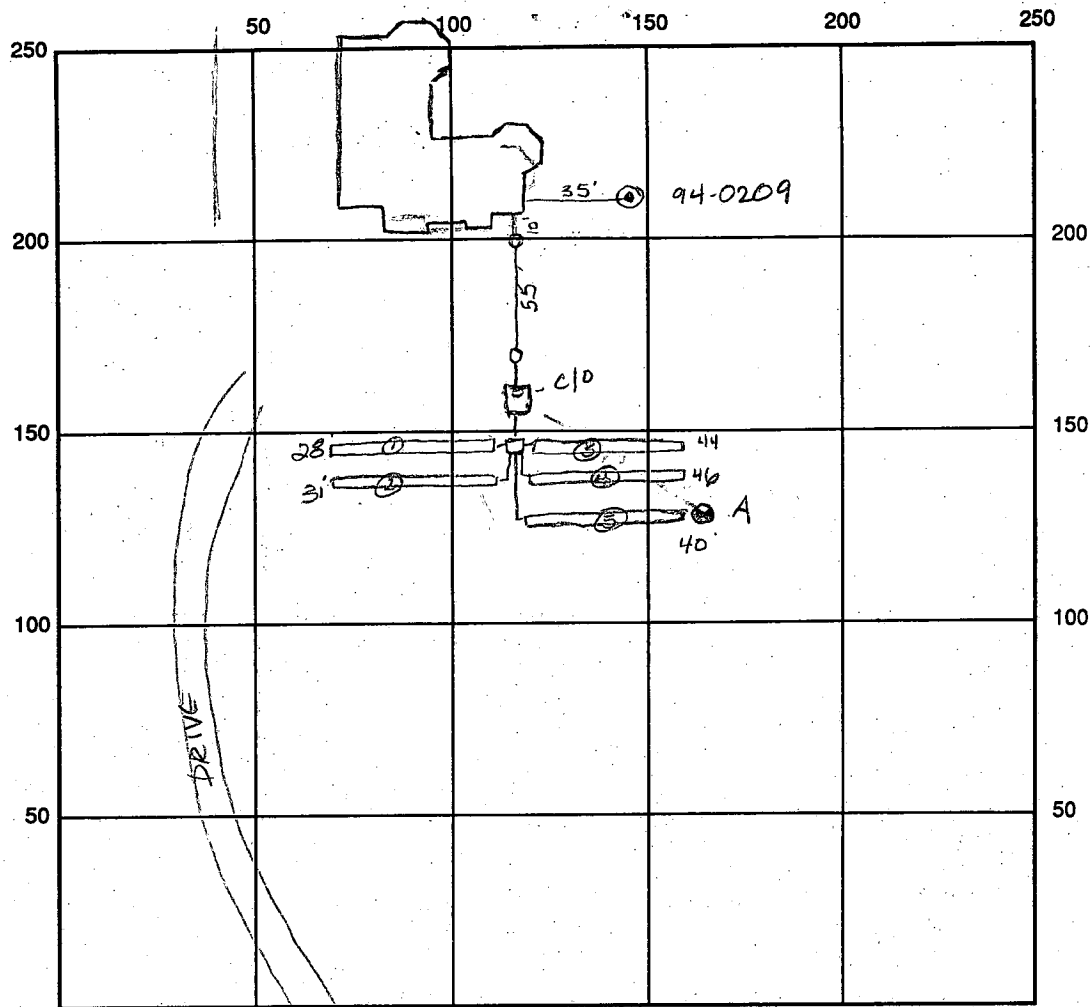
OLDG. PERMIT SIGNED
AND RETURNED 4/25/95

Serial # 57843

purpose tank

A
43799

A
brn
orange
3.5' CLM
1.5' beigh
w/ yellow
spots
3.5' CLM
50%
shale
OK



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
Union Chapel Woods

SEPTIC TANK LEVEL 1000gal CLEANOUTS 40 OK

DISTRIBUTION BOX LEVEL OK baffle is in

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

EFFECTIVE GRAVEL DEPTH 2' FT. TOTAL LENGTH 28' 31' 44' 46' 40' FT. 189 total feet

NUMBER OF TRENCHES 5 ONE SIDEWALL/BOTTOM AREA 567 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 4-5-95 Perc test hole A OK. OK to begin installation of trenches Aug
4-6-95

WPI OK to COVER Aug

DATE SYSTEM APPROVED 4-6-95 INSPECTOR Amy McMillan

APPLICATION

PERCOLATION TESTING

A 43799

P _____

DISTRICT 4TH

DATE 3-15-89

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

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 Estate of N. C. Hepburn Mr and Mrs. James B. Dudley

ADDRESS 2902 Rte. 97 Glenwood Maryland PHONE 465-7794

PROSPECTIVE BUYER William W. Jervey

ADDRESS 15117 Timberlake Drive Silver Spring ²⁰⁹⁰⁴ PHONE 384-2738

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 14875 Union Chapel Road ENTER AT 2902 R+97

TAX MAP 14 PARCEL # 27 North 240

SIZE OF LOT 3 ac. ± TYPE BLDG single family
(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 C. W. ELLIN / M. RIEKIN FOR TASUCHES DATE 10/12/89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING HOLD FOR CERTIFIED TEST PLAT MR

BLDG. PERMIT SIGNED

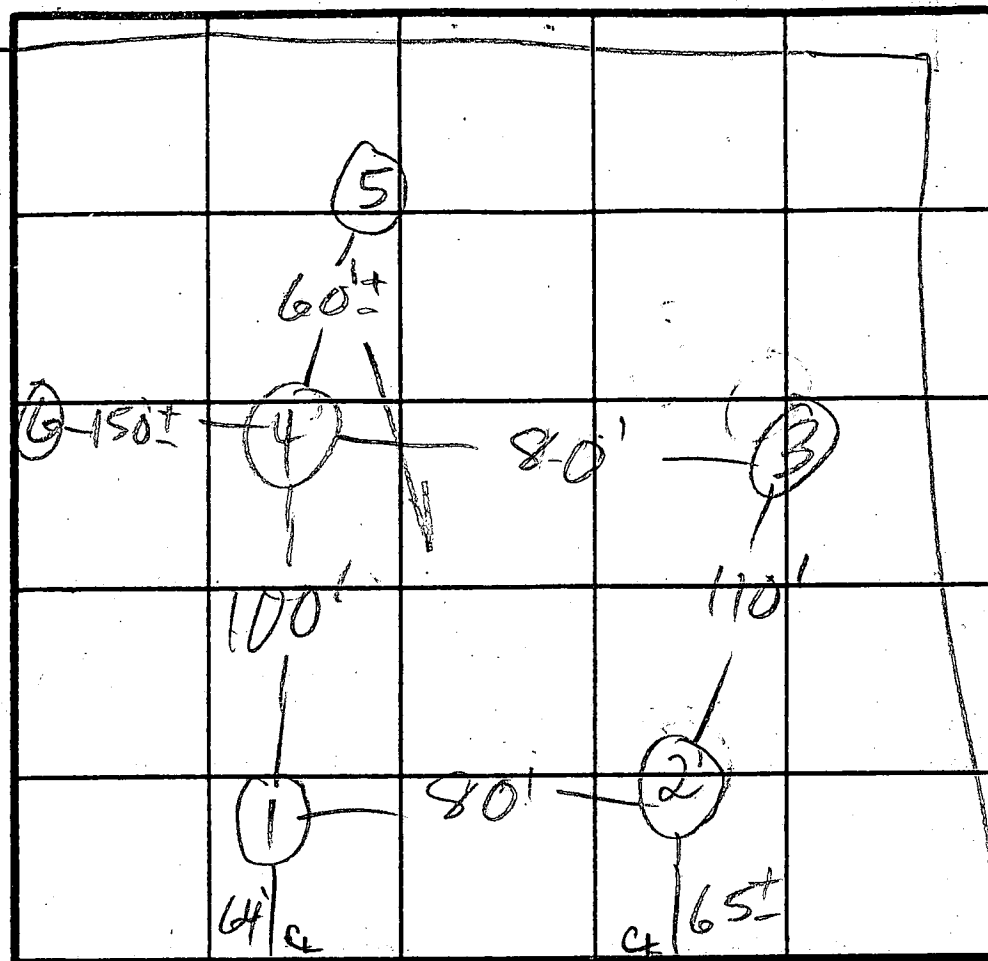
AND RETURNED 8/2/94
Serial # 53620-3 Bedroom

THIS IS NOT A PERMIT

EX. HOUSE

ALL HOLES
SOIL PROFILE

6" top soil
dk org-brn
clay loam
3 1/2-4' Fine powdery silt loam
45% Frags moderate amt mica



③④ H
①② L O

UNION CHAP EL RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/14/89	1 S	5	1:04	1:06	1:06	1:09	3
	1 V	13	see profile				
	2 S	5	1:01	1:04	1:04	1:08	4
	2 V	15 1/2	sim to ①				
	3 S	5	12:54	12:56	12:56	12:59	3
	3 M	17	12:53	12:55	12:55	12:58	3
	3 V	14	sim to ①				
	4	4	12:57	1:03	1:03	1:10	7
	4 V	13	sim to ①				
	5	LOOKS OK SANDIER, 10% Frags NOT NEEDED					
	6	ROCK PER CONTRACTOR					

REMARKS HOLES ⑤ & ⑥ DUG PER PLAT

TYPE OF SOIL

TESTED BY M. Rifkin

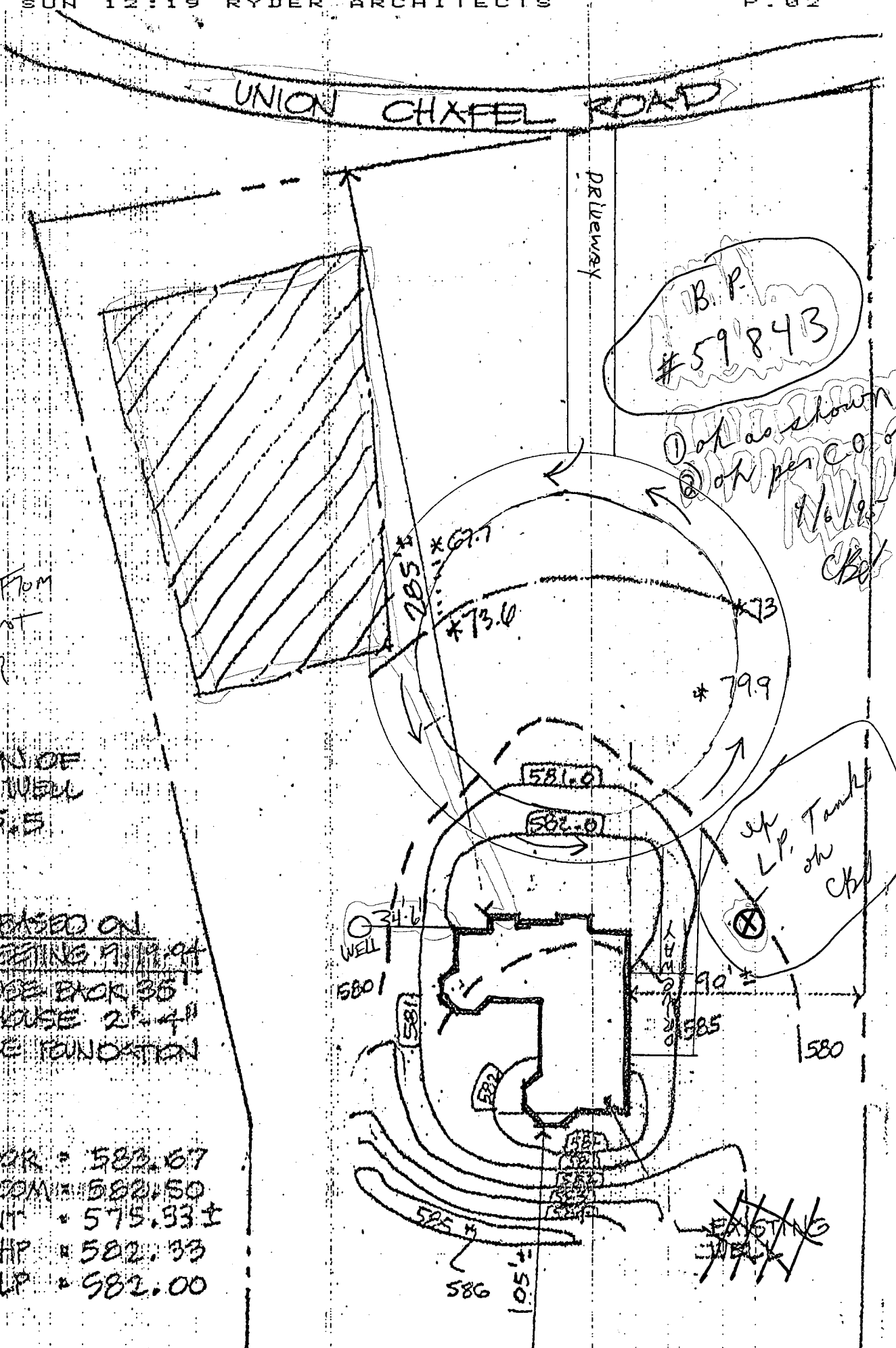
ALSO PRESENT Owner, Dwayne, others

WELL IS
34'-6" FROM
RIGHT FRONT
CORNER

ELEVATION OF
GROUND WELL
IS 585.5

NOTED BASED ON
FIELD MEETING 7.19.94
1. MAIN HOUSE BACK 35'
2. LOWER HOUSE 25'-4"
3. 12 COURSE FOUNDATION

FIRST FLOOR = 583.67
FAMILY ROOM = 582.50
EASEMENT = 575.33 ±
GARAGE HP = 582.33
GARAGE LP = 582.00



B.P.
#59843
Don't show
2' on per CO. of
1/6/95
CB

up LP Tank
on ch
CB

EXISTING
WELL

PERCOLATION CERTIFICATION PLAT

APPROVED :

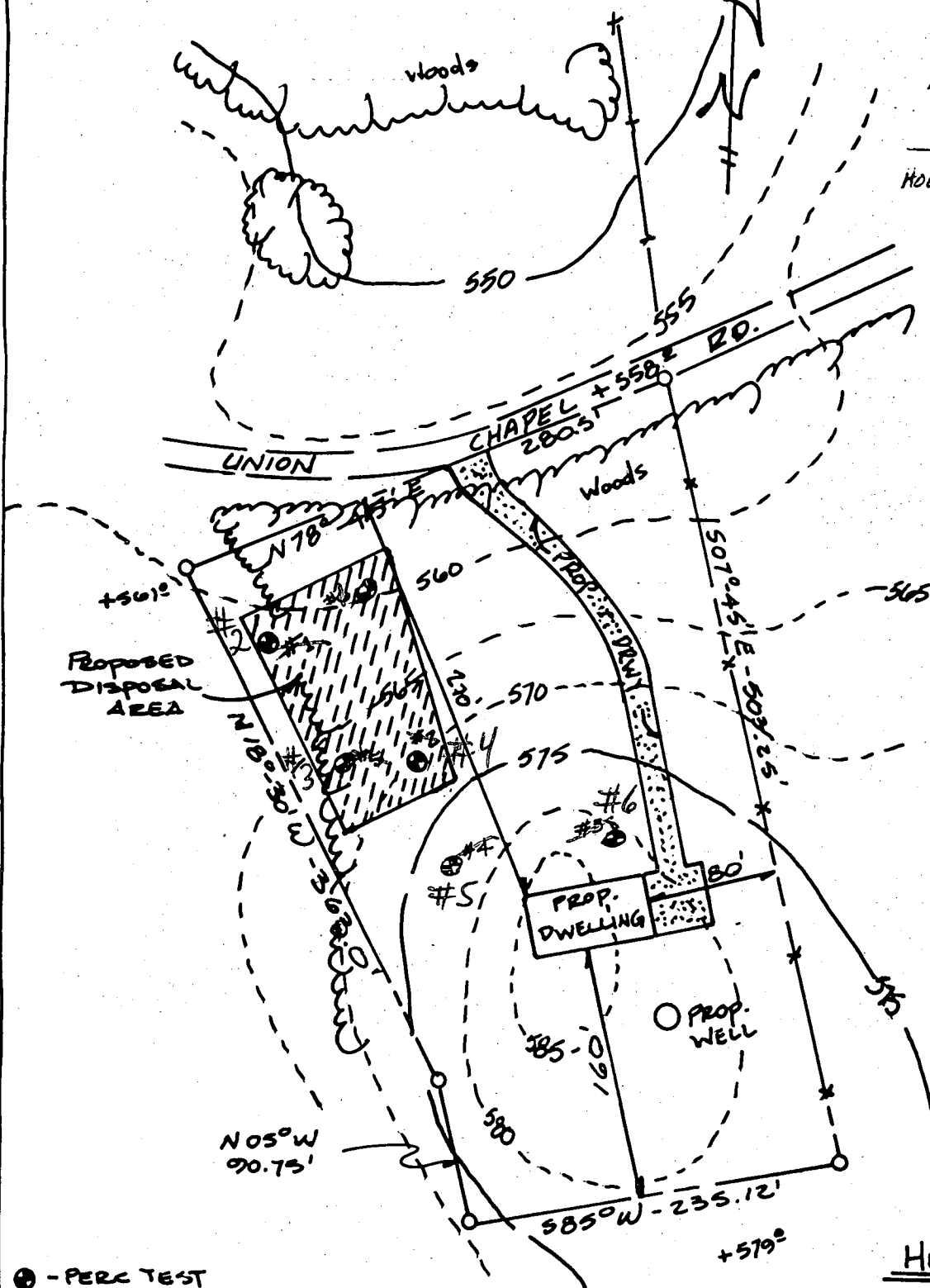
FOR PRIVATE WATER &
PRIVATE SEWAGE SYSTEM,

HOWARD COUNTY
HEALTH DEPARTMENT

Joey M. Bogues
HOWARD COUNTY HEALTH OFFICER

10-12-89

DATE



● - PERC TEST

○ - WELL

PREPARED BY:

ENGINEERING TECHNOLOGIES ASSOC. INC.
3458 ELLICOTT CENTER DR.
ELLICOTT CITY, MD. 21043
(301)-461-9920

HEPBURN PROPERTY

PERC TEST LOCATIONS

TAXMAP #14 - P.77

L.365 F.578

4TH ELECTION DIST. HOWARD CO.

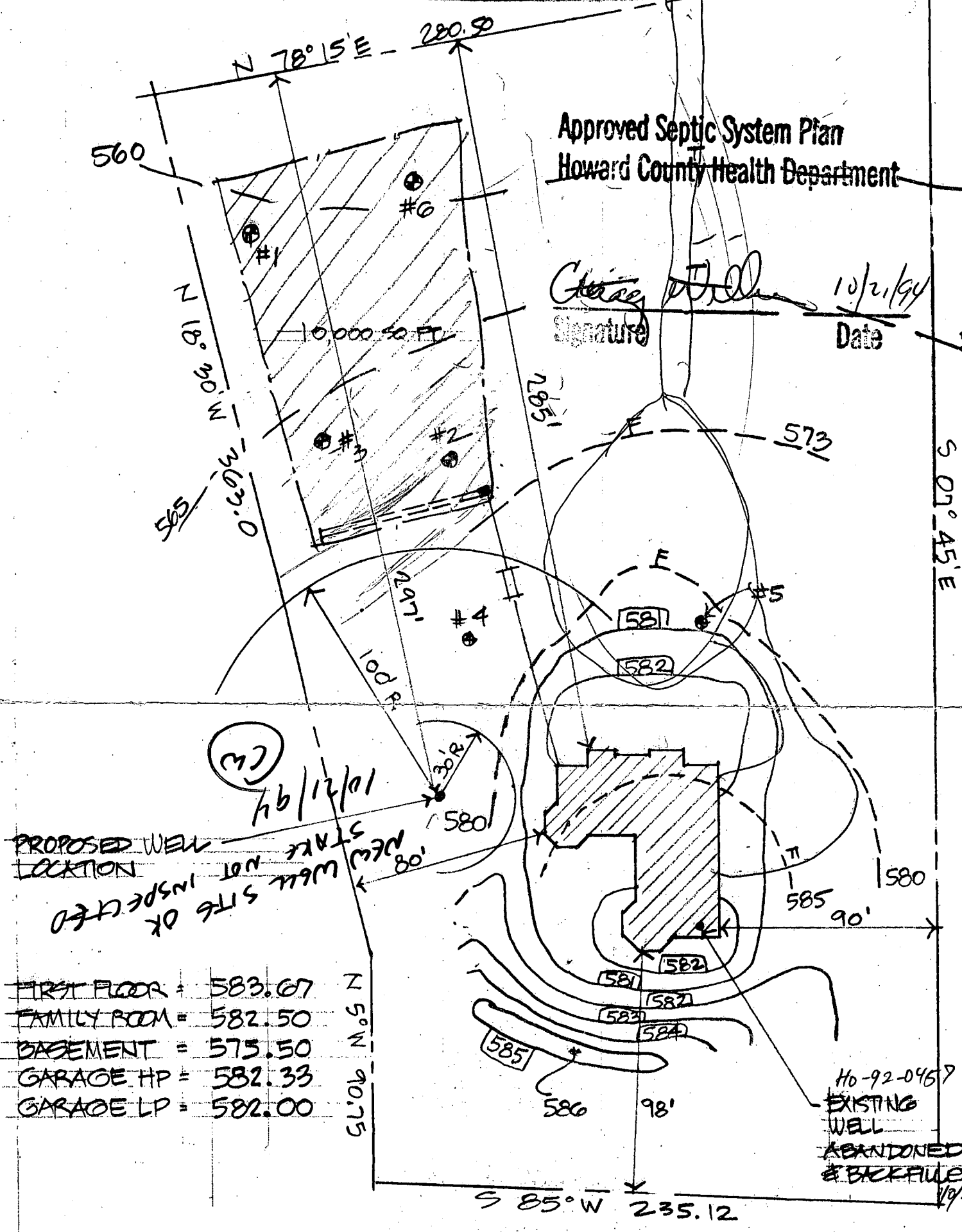
8-24-89

SCALE 1"=100'

UNION CHAPEL ROAD

Approved Septic System Plan
Howard County Health Department

Clara J. Hill
Signature
10/21/94
Date



I — TOPOGRAPHY
F — FIELD RUN TOPOGRAPHY
582 — PROPOSED GRADE

FIRST FLOOR = 583.67
FAMILY ROOM = 582.50
BASEMENT = 575.50
GARAGE HP = 582.33
GARAGE LP = 582.00

WELL SITE OK
NO CLOSURE THAN
295' FROM
THE FRONT LOT LINE
AND NO MORE THAN
45' FROM THE
RIGHT LOT LINE.

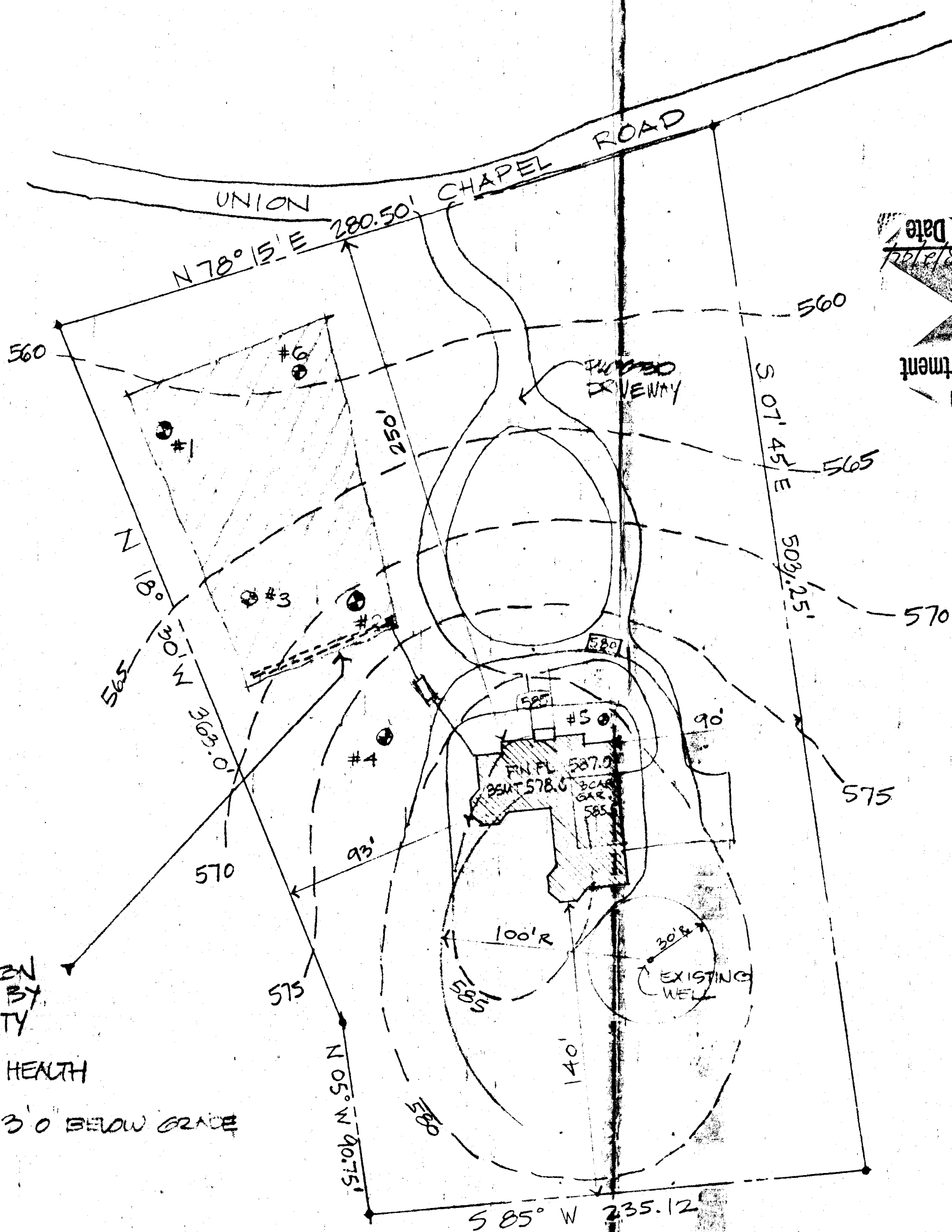
STAKE NOT INSPECTED.
BUILDER HAS COPY OF
SIGNED PLAN.
(CW) 10/24/94

REVISED SITE PLAN SCALE 1"=50'-0"

TAX MAP #14-P.77 LIBER: 365 FOLIO: 578 4th ELEC DIST.

PERMIT 55820
H0 94 0209

DUDLEY RESIDENCE
14875 UNION CHAPEL ROAD
HOWARD COUNTY, MD
OCTOBER 20, 1994
STAN RYDER JR & ASSOC.
ARCHITECTS ph 521-2367



Signature
Date
Approved Septic System Plan
Howard County Health Department

SEPTIC SYSTEM ELEVATIONS

FIRST FLOOR = 587.0
BASEMENT = 578.0
SANITARY EXIT = 577.0
SEPTIC TANK IN = 576.0
OUT = 575.75
DISTRIBUTION BOX = 572.50

- Notes:
1. Maintain 1-2% grade 10' feet prior to septic tank and distribution box.
 2. Trench length to be determined at time of septic permit issuance.



TRENCH DESIGN
DETERMINED BY
HOWARD COUNTY
DEPARTMENT OF
ENVIRONMENTAL HEALTH

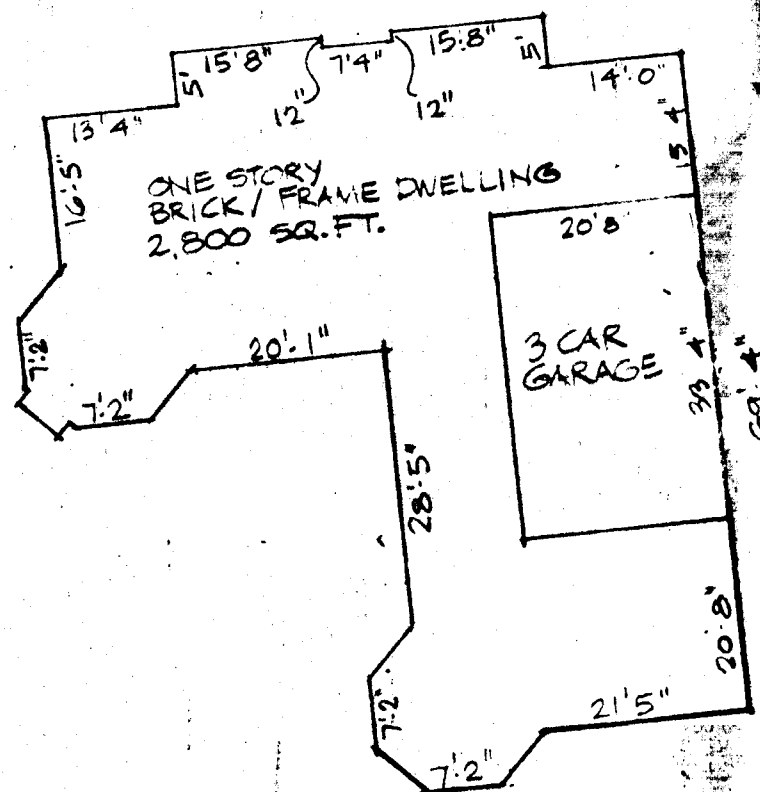
SEPTIC TANK 3'0" BELOW GRADE

SITE PLAN SCALE 1"=50'-0"

14875 UNION CHAPEL ROAD

TAX MAP # 14 - P.77
LIBER: 365 FOLIO: 578
4th ELECTION DISTRICT

PERC TEST

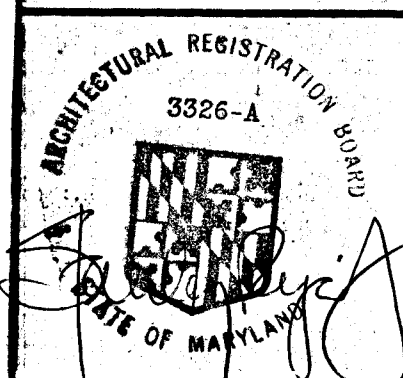


KEY PLAN scale 1"=20'-0"

INFORMATION FOR THIS SITE PLAN
WAS TAKEN FROM "PERC TEST LOCATIONS"
OF THE HEPBURN PROPERTY PREPARED BY
ENGINEERING TECHNOLOGIES ASSOC. INC.
DATED 8.24.89

DUDLEY RESIDENCE
14875 UNION CHAPEL ROAD
HOWARD COUNTY, MD

Stan Ryder Jr. & Associates
Architects
8308 Liberty Road • Baltimore, MD 21244
(410) 521-2367 Fax (410) 521-2464



JUNE 1, 1994

SP1

B 1 08219 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		SEQUENCE NO. (DP USE ONLY)		STATE OF MARYLAND PERMIT TO DRILL WELL please print or type		STATE PERMIT NUMBER H0-94-0209 fill in this form completely	
Date Received (APA) 092399 OWNER INFORMATION DUDLEY JAMES 3517 FONT HILL DRIVE ELLCOTT CITY MD 21042				B 3 LOCATION OF WELL HOWARD 8 COUNTY HEPBURN PROP 23 SUBDIVISION SECTION 44 46 LOT 48 50 GLENWOOD 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 5 MI			
DRILLER INFORMATION JANA KYKOC JR II Westminster Rotary Well Drilling P.O. Box 861, Westminster, Md Jana Kykoc Jr II 9/22/94				B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) N W N E W E S W S E S NEAR WHAT ROAD 14815 Union Chapel Rd ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH W 32 E WEST SOUTH DISTANCE FROM ROAD 2000 FT ENTER FT or MI 77			
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 450 USE FOR WATER (CIRCLE APPROPRIATE BOX) D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)				NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A43799 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 9/21/95 CO SIGNATURE EXP. DATE NORTH GRID 532000 EAST GRID 0791000			
APPROXIMATE DEPTH OF WELL 250 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 other				SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. City 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 791 N 532 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION Sketch showing Union Chapel Road and well location.			
REPLACEMENT OR DEEPEINED 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 DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41				Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER GAP FORCE 5 WRITE INITIALS IN BOX PERMIT No. H0-94-0209 SPECIAL CONDITIONS			

COUNTY

COUNTY