

05-405556 12-22-87 11AM

PERMIT

P 40628
A 37656

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th 6

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 12-10-87

DATE SYSTEM APPROVED 12/23/87

INSPECTOR Carter

{ I.C.O.P. issued only }
Time expired

Donald Kramer IS PERMITTED TO INSTALL ALTER

ADDRESS 4305 Ten Oaks Road, PHONE 531-2342

SUBDIVISION Waecker Property ROAD 6510 Prestwick Drive LOT 5

PROPERTY OWNER Randy Smith

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 150 feet down the right (435.6') lot line and 110 feet off the same lot line as seen when facing the lot from Right-of-way at Prestwick Drive. Run trenches on contour toward the left lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. (L JEN) 12-10-87

PLANS APPROVED BY S. Abel DATE 9/08/87

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 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 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.

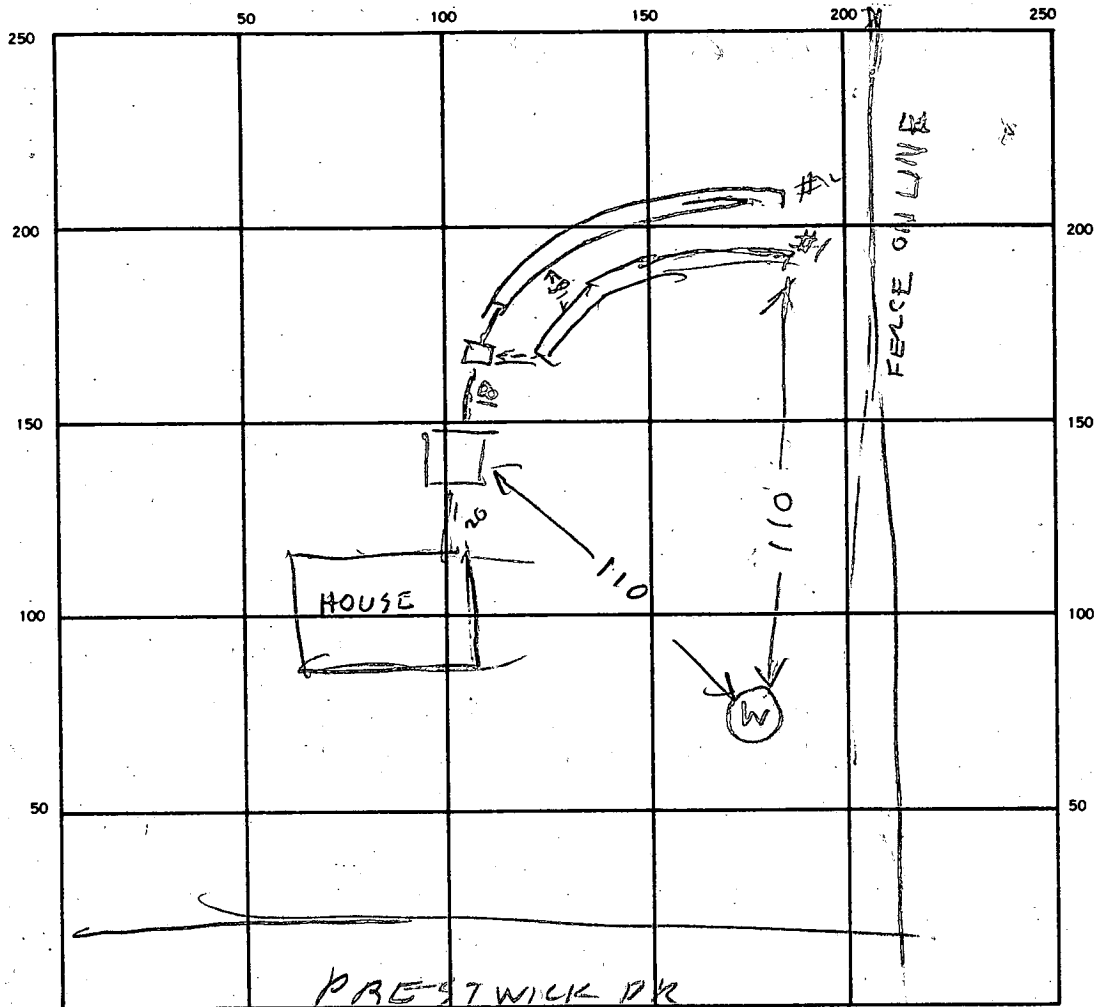
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 37656



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL 1500 Babylon Vault CLEANOUTS ST ✓

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH 1 1/2 / 5/5 FT. TRENCH WIDTH 2 1/3 FT. INLET DEPTH 1 1/2 FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH 1 1/2 / 99/99 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 12/24/87 LOCATION OK PER PLANS TRENCHES DUG
ADD STONE IT TOOK UP TANK & BOX OK TO COVER PART OF
HOUSE & WORK R/H

12/23/87 CONNECTIONS COMPLETE. CW

DATE SYSTEM APPROVED 12/23/87 INSPECTOR CW

10/16/86
1120
Lot #

APPLICATION

PERCOLATION TESTING

A 37656
P _____

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

APPLICATION REVIEWED OK,
REPAIR TEST REQUIRED ON EXISTING
IF SEPTIC RECORDS
NOT LOCATED.
9/15/86 CWilling

DISTRICT _____

DATE 9/15/86

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 ROBERT LOUIS NAECKER ✓ 854-2042

ADDRESS 12702 RT. 108 CLARKSVILLE, MD. 21029 PHONE 854-2042

PROSPECTIVE BUYER RANDY AND JACKIE SMITH

ADDRESS 12702 RT. 108 CLARKSVILLE, MD 21029 PHONE 854-2713

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Lot # 15

ROAD AND DESCRIPTION OFF RT. 108, JUST NORTH OF HIGHLAND RD. AND SOUTH OF NEW RT. 32 6510 Preswick DR.

TAX MAP 34 PARCEL # 76

SIZE OF LOT 3 ACRES TYPE BLDG. SINGLE FAMILY DWELLING
(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.

Robert L. Naecker
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abul FOR Shallow test fields DATE 10/2/87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/16/86 Perc Satisfactory; Hold for Certified Hole Location

House and well sites. Shallow Syst. only. S. Abul

BIDS. PERMIT SIGNED
AND RETURNED 10/2/87

BP 14887
S. Abul

THIS IS NOT A PERMIT

C1 6089 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 37656

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

DATE Received, 10/16/87

DATE WELL COMPLETED 10/16/87

Depth of Well 345 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-2292

OWNER SMITH RANDY last name first name STREET OR RFD PRESWICK DR. TOWN HIGHLAND SUBDIVISION NAUCKER SECTION LOT 5

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 0-38, GRAY MICA SAND 38-345.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 11 NO. OF POUNDS 1034

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter 4 inch Total depth of main casing 44 feet

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

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

DEPTH (nearest ft.) 42 345

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

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 10.17.13 "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.

DRILLERS IDENT. NO. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

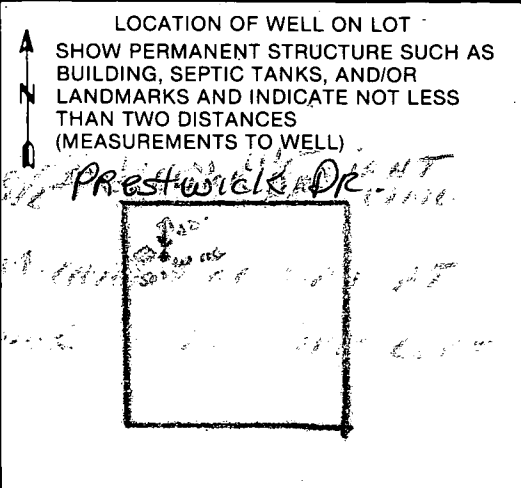
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 275 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 198 TYPE OF PUMP USED (for test) 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)



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2292
 Location of property (road) MESWICK DR.
 Subdivision NACKEN PROPERTY Lot 5 Block _____ Plat _____ Sec. _____
 Well Driller JOE MAYNE Owner KANDY SMITH

Depth of well 345
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 25'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 12 gal.
 Total time 45 min. to reach pumping water level 199 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 # gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	96	5		12
8:30	155	5		12
8:45	199	5		10 ² / ₁₀
9:00	199	26		2 ³ / ₁₀
9:15	199	26		2 ³ / ₁₀
9:30	199	26		2 ³ / ₁₀
9:45	199	26		2 ³ / ₁₀
10:00	199	26		2 ³ / ₁₀
10:15	199	26		2 ³ / ₁₀
10:30	199	26		2 ³ / ₁₀
10:45	198	26		2 ³ / ₁₀
11:00	198	26		2 ³ / ₁₀
11:15	198	26		2 ³ / ₁₀
11:30	198	26		2 ³ / ₁₀
11:45	198	26		2 ³ / ₁₀
12:00	198	26		2 ³ / ₁₀
12:15	198	26		2 ³ / ₁₀
12:30	198	26		2 ³ / ₁₀
12:45	198	26		2 ³ / ₁₀
1:00	198	26		2 ³ / ₁₀
1:15	198	26		2 ³ / ₁₀
1:30	198	26		2 ³ / ₁₀
1:45	198	26		2 ³ / ₁₀
2:00	198	26		2 ³ / ₁₀

	water level	pumping rate	gallons
5:30	198	26	2 3/10
6:45	198	26	2 3/10

UNIVERSITY
 OF CALIFORNIA
 RIVERSIDE
 JUL 24 9 36 AM '87

RECEIVED
 HOWARD COOK
 HEALTH DEPT.
 SEP 24 1 20 PM '87

B 1 **3347** 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

40-81-2292
 fill in this form completely

Date Received **081387**
OWNER INFORMATION
 SAITH RAMPON
 12702 Rt 108
 CLARKVILLE MD 21029

B 3 LOCATION OF WELL
 HOWARD COUNTY
 WAECCKER PROPERTY
 SECTION 44 46 LOT 48 50
 HIGHLAND
 MILES FROM TOWN (enter 0 if in town) **1 3/4** MI

DRILLER INFORMATION
 Joseph L. Wagner
 238
 Joseph L. Wagner Well Drilling
 5512 Ridge Rd. Mt. Airy Md. 21771
 Joseph L. Wagner 8/4/87

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 PRESTWICK DRIVE NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **0050** FT
 ENTER FT or MI **FT**

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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 COUNTY NO. **A 37656**
 OEP SIGNATURE DATE ISSUED **090887**
 CO SIGNATURE DATE **03-07-87**
 NORTH GRID **494000** EAST GRID **0813000**

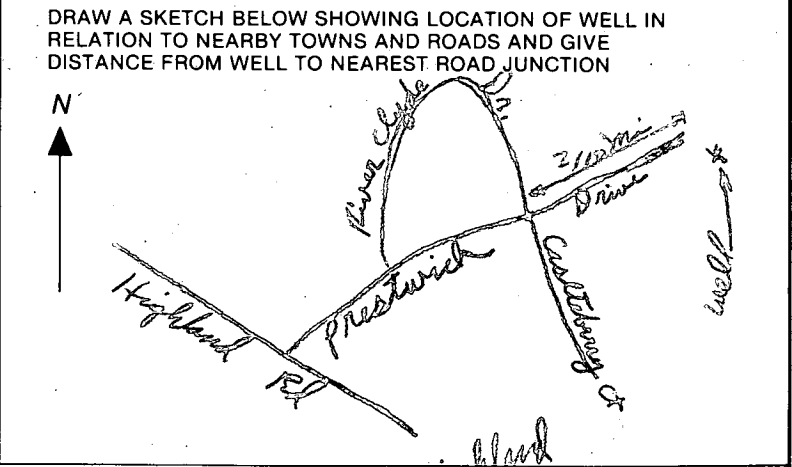
APPROXIMATE DEPTH OF WELL **260** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST 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. WELL
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **810 3**
 N **490 4**

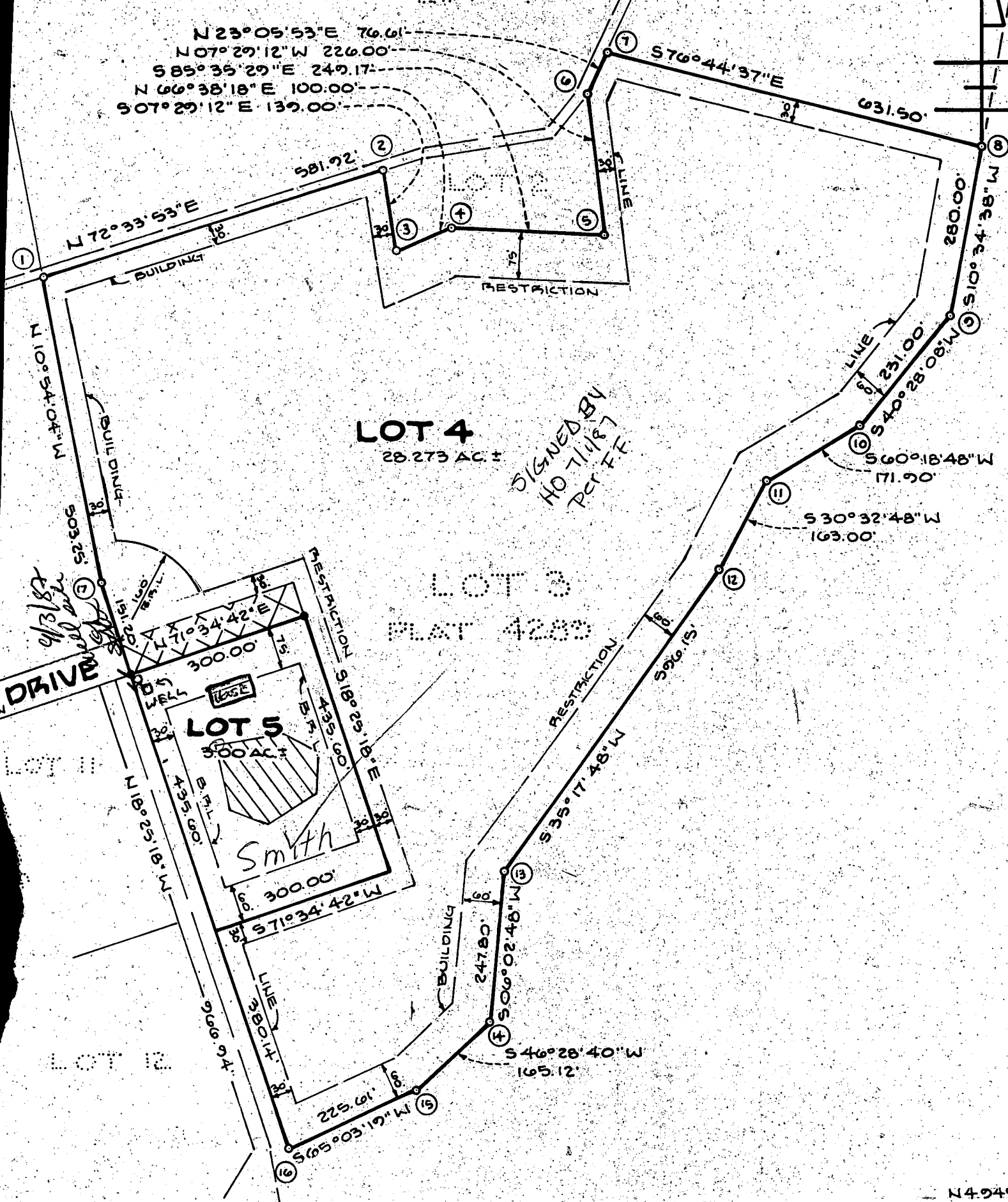
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED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



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE SA WRITE INITIALS IN BOX PERMIT No. **40-81-2292**

SPECIAL CONDITIONS

N 23° 05' 53" E 76.01'
 N 07° 29' 12" W 226.00'
 S 85° 35' 29" E 240.17'
 N 66° 38' 18" E 100.00'
 S 07° 29' 12" E 139.00'



LOT 4

28.273 AC ±

DESIGNED BY
 HO 7/1/87
 PCT F.E.

LOT 3

PLAT 4289

LOT 5

3.00 AC ±

Smith

DRIVE

DRIVE

LOT 12

PRESTWICK DRIVE

REVERTIBLE EASEMENT FOR INGRESS AND EGRESS

N 71° 34' 42" E

300.00'

EXISTING WELL
ELEV. 440.00'

PROPOSED DWELLING

BUILDING RESTRICTION LINE

100.0'

DISTRIBUTION BOX

STALL BUILT ON SILT FENCE

LOT 4

LOT 10

LOT 9

LOT 11

LOT 5

3.00 AC.

SEPTIC INFORMATION:

FIRST FLOOR: 432.00' ✓
BASEMENT: 430.00' ✓

DISTRIBUTION BOX:
EXISTING ELEV. 436.80' ✓
INVERT 433.80' ✓

TANK:
EXISTING ELEV. 436.80' ✓
INVERT OUT 434.15' ✓
INVERT IN 434.45' ✓

INVERT AT HOUSE 434.75' ✓ (-BSMT)
NO BASEMENT SEWERAGE

10/2/87
elwms dh
SAW

BDDG. PERMIT SIGNED
AND RETURNED 10/2/87
BPH887
OM

LOT 12

S 71° 34' 42" W

300.00'