

4/13/88 noon

05-389348

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 41405

A 27906

DISTRICT 5th

DATE 4/6/88

DATE SYSTEM APPROVED 4-13-88

INSPECTOR JEN

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

C. C. Cissel IS PERMITTED TO INSTALL x ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland 21029 PHONE 854-2006

SUBDIVISION Chris Mar Estates II ROAD 13433 Highland Rd LOT 4, Section II

PROPERTY OWNER John Adams, Jr.

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO x

266
3 | 800

267 ft trench

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 200 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 115 feet from the front lot line that borders Highland Road and 130 feet from the right lot line that borders the Right-of-Way. Run trench(s) along contour in both directions.

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 C. Williams DATE 9/10/87

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

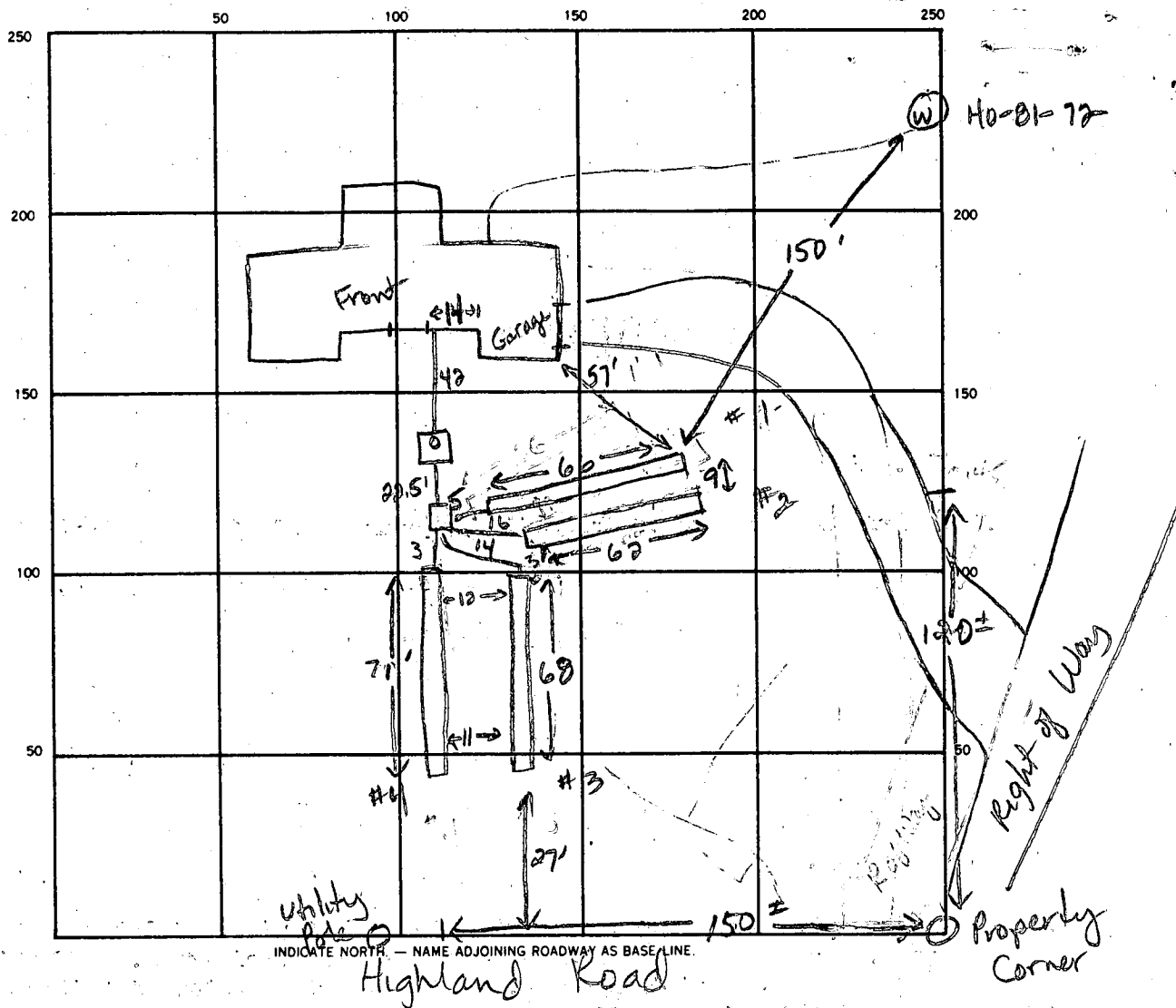
REG. PERMIT SIGNED
AND RETURNED 7/24/89
Sealed # 28397 prepared

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 21906



9/24/98
 9/22/98
 9/18/98
 9/15/98
 9/12/98
 9/9/98
 9/6/98
 9/3/98

SEPTIC TANK LEVEL 1750 gal CLEANOUTS 1 on S. Tank

DISTRIBUTION BOX LEVEL ok

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

EFFECTIVE GRAVEL DEPTH 2 2 2 2 FT. TOTAL LENGTH 66 62 68 71 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 198 186 204 213 SQ. FT.

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

ABSORBENT AREA 801 SQ. FT.

65
 61
 68
 70
 264

REMARKS 4-13-98 OK to cover all work. JEN

DATE SYSTEM APPROVED 4-13-98 INSPECTOR Jane E. Maden

COURT
CHRIS-MAR

This area was removed on signed plat

VEHICULAR INGRESS & EGRESS IS RESTRICTED
HIGHLAND ROAD

Not Approved

CHARLES W
437/16

100.00
FOR EGRESS

BUILDING RESTRICTION LINE
VEHICULAR INGRESS & EGRESS RESTRICTED

NON-BUILDABLE
UNTIL APPROVED BY
HOWARD CO. HEALTH
DEPT.

LOT 4
140.115 AC. → See A27906
lot 4-2 originally listed on 5/18/78

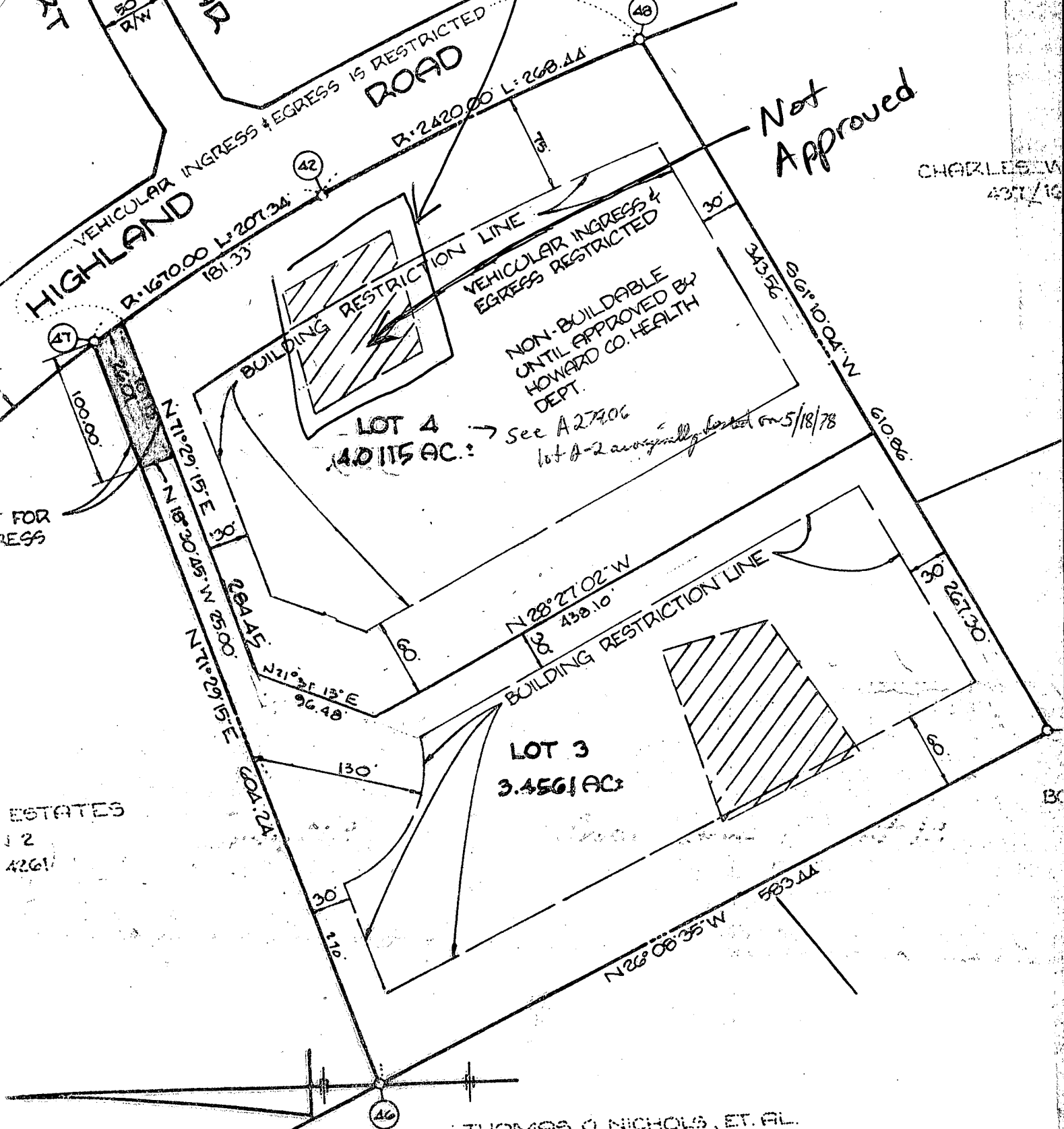
N 28° 27' 02" W
438.10'

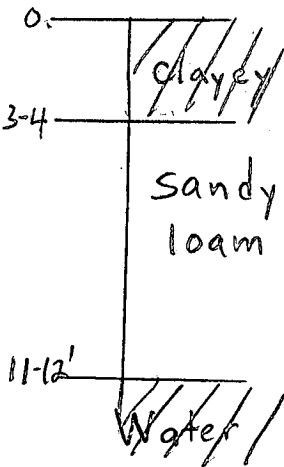
LOT 3
3.4561 AC.

BUILDING RESTRICTION LINE

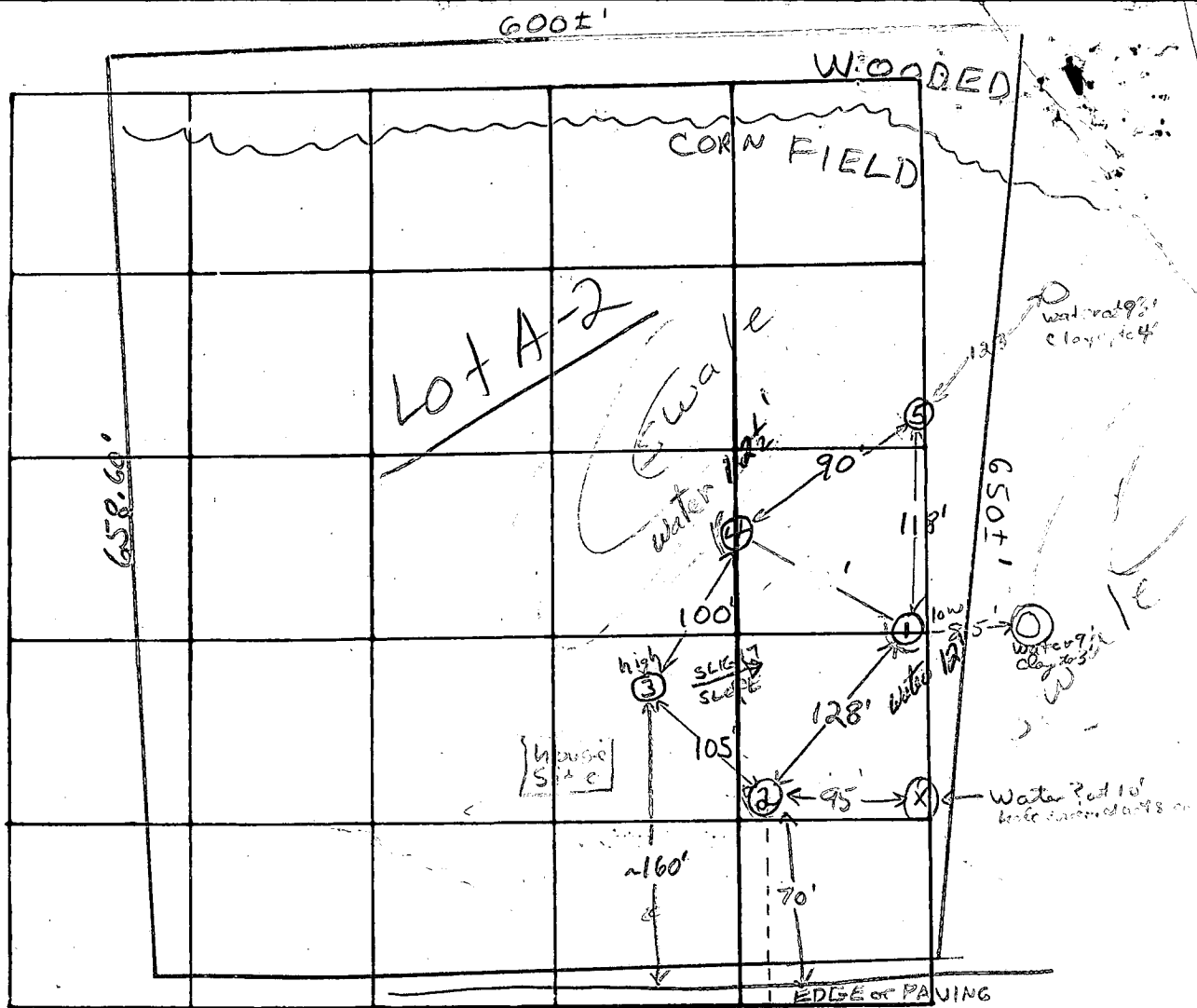
ESTATES
12
4261

THOMAS O. NICHOLS, ET. AL.
508/743





A27906



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
HIGHLAND ROAD

DATE	TEST NO.	DEPTH	PRE-WET		START	STOP	TIME
			START	STOP			
5/18/79	1	3 1/2'	1:25	1:26	1:26	1:28	2 min ✓
	①A	12'	Water at 12'	Clayey to 12'			Sandy loam below ✓
	②	3 1/2'	1:30	Pulled at 2:00	1 1/2" drop		FAILS
	②A	13'	1:34	2:01	2:01	2:01	1 1/2" drop FAILS
	3 high	4 1/2'	2:00	2:12	2:12	2:40	18 min ✓
	3A	13 1/2'	2:42	2:46	2:46	2:52	6 min ✓
	4	3'	2:15	2:23	2:23	2:40	17 min ✓
	2B	4'	2:53	3:09	3:09	3:35	24 min ✓
	2C	10 1/2'	3:01	3:05	3:05	3:11	6 min ✓
	④A	12 1/2'	WATER at 12 1/2'				
	⑤	13'	WATER at 12 1/2'	Clayey to 4'			sandy loam below 5' ✓

REMARKS Hold for wet season testing or FAIL AS IS

TYPE OF SOIL sandy loam below top 3-4' clayey soil

TESTED BY F.S. ALSO PRESENT: P. Kottis & Co

Ubbo Vander Valk

200/BK
INOT
3-
BOTTOM
5-

C1 2423 (THIS NUMBER IS TO BE PUNCHED IN COLS. 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 27906

DATE Received [] DATE WELL COMPLETED 05/18/87 Depth of Well 205 (TO NEAREST FOOT) PERMIT NO. HO-81-2072

OWNER ADAMS JOHN STREET OR RFD HIGHLAND ROAD TOWN HIGHLAND SUBDIVISION CHRIS MAR ESTATE SECTION 2 LOT 4

WELL LOG Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for SAND Stone and GRAY Thin Rock.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 6 NO. OF POUNDS 564

CASING RECORD casing types insert appropriate code below (ST) (CO) (PL) (OT) MAIN CASING TYPE (S) Nominal diameter 0.75 Total depth 2.5

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

SCREEN RECORD screen type or open hole insert appropriate code below (ST) (BR) (HO) (PL) (OT)

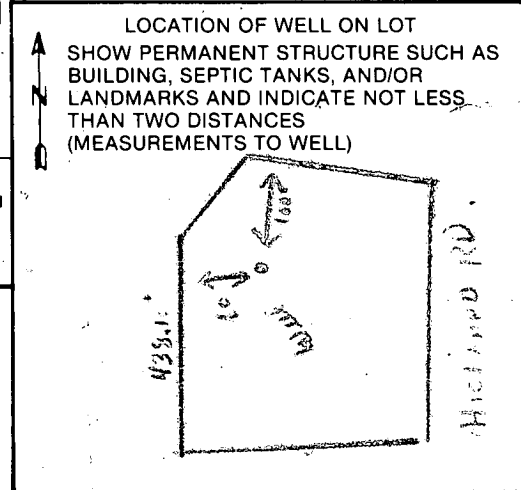
DEPTH (nearest ft.) table with rows for each screen and slot size information.

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) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE: Recipit WATER LEVEL (distance from land surface) BEFORE PUMPING 24 WHEN PUMPING 26 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) (+) above (-) below LAND SURFACE (nearest foot)



CIRCLE APPROPRIATE LETTER 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)

B 1 **7209** 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-81-2072
 fill in this form completely

Date Received
 OWNER INFORMATION
 ADAMS JOHN
 GUON RIGES RD
 HAVILT SVILLE MD 20983

B 3 LOCATION OF WELL
 HOWARD COUNTY
 CHRIS-MAR Estates
 SECTION 2 LOT 4
 HIGHLAND
 MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION
 Joseph L. Wagner
 77 License No. 80 **238**
 Joseph L. Wagner Well Drilling
 5512 Ridge Rd. Mt. Airy, Md. 21771
 Signature: Joseph L. Wagner Date: 4/4/87

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 Highland Road
 DISTANCE FROM ROAD 275 FT
 ENTER FT or MI

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
 COUNTY NAME: **HOWARD** COUNTY NO. **A 27906**
 OEP SIGNATURE: **R. Wilson** STATE HEALTH INSERT S
 DATE ISSUED: **11/12/87**
 NORTH GRID: **498000** EAST GRID: **0808000**

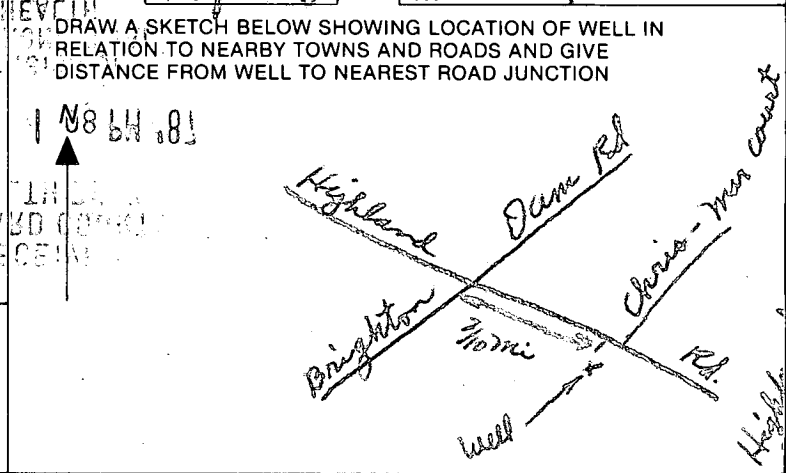
APPROXIMATE DEPTH OF WELL **260** FEET

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 _____

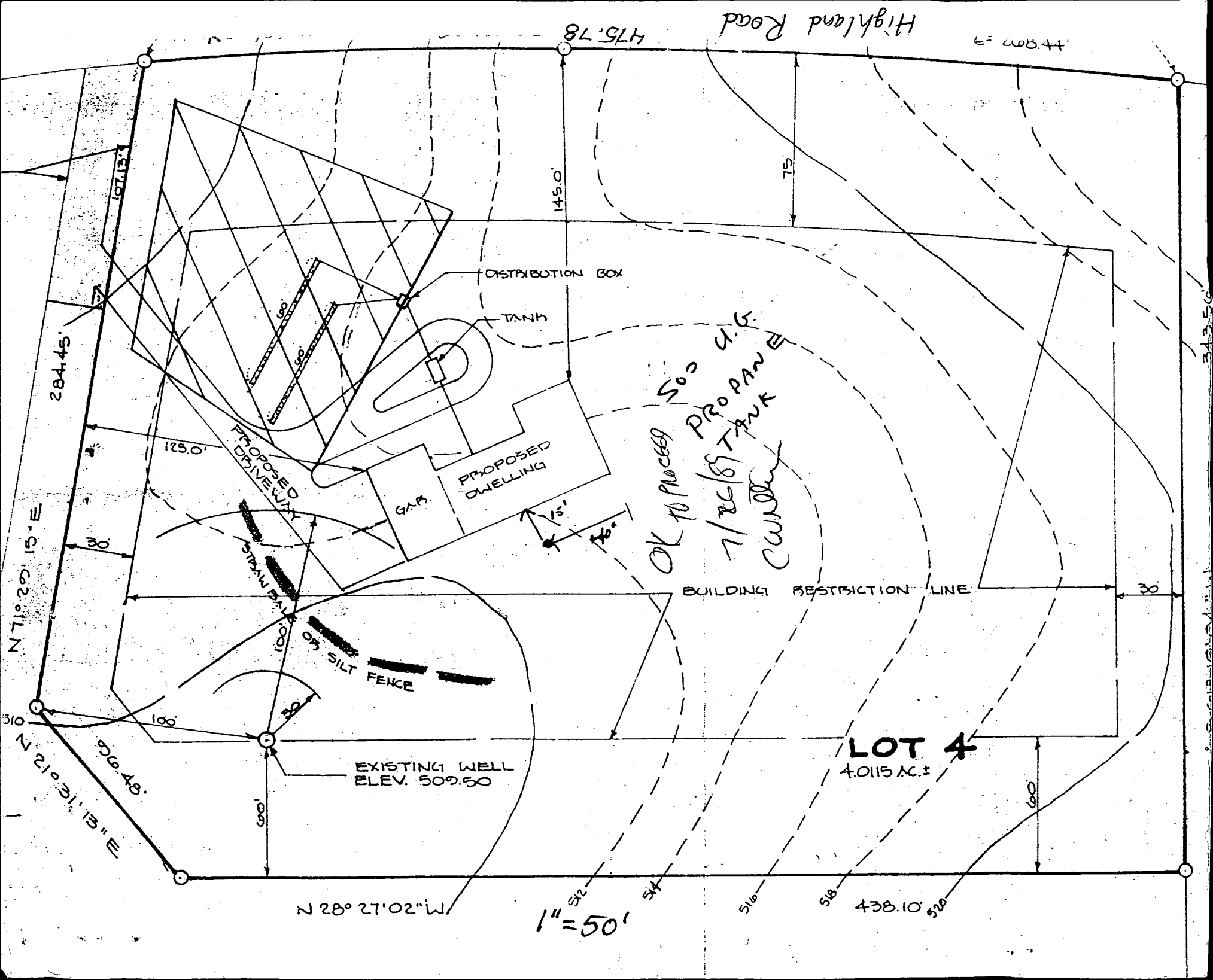
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. WELL
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 808 5
 498 8

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
 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)



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER **GAP**
 FORCE **RA** WRITE INITIALS IN BOX PERMIT No. **HO-81-2072**

SPECIAL CONDITIONS



Highland Road

E 608.44'

475.78

145.0'

75

DISTRIBUTION BOX

TANK

OK TO PROCEED NO. 9.6
7/26/89
PRO PAN TANK
CUNDELL

PROPOSED DWELLING

GAS

PROPOSED DELIVERY LINE

STRAIN PIPE

100' OF SILT FENCE

EXISTING WELL
ELEV. 509.50

BUILDING RESTRICTION LINE

LOT 4
4.0115 AC. ±

1" = 50'

516

518

438.10

520

N 28° 27' 02" W

96.48'

N 71° 20' 15" E

284.45'

197.65'

125.0'

30

30

100

100

30

15'

16'

38

60

343.50'