

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

INDEXED

DU-327373

P 56621

A 56621

DISTRICT

DATE 5/13/96

DATE SYSTEM APPROVED 10/11/96

INSPECTOR

K & K EXCAVATING

IS PERMITTED TO INSTALL _____ ALTER _____

ADDRESS 14960 ROUTE 144 WOODBINE PHONE

SUBDIVISION _____ LOT _____ ROAD 14602 Roxbury Road

PROPERTY OWNER Mr. and Mrs. John Wildrick

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - 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 the distribution box 320' off the front lot line and 290' off the left lot line. Run trenches on contour towards right lot line as seen from the

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

RR 7-12-96

PLANS APPROVED BY Glen Savage DATE 7/1/96

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

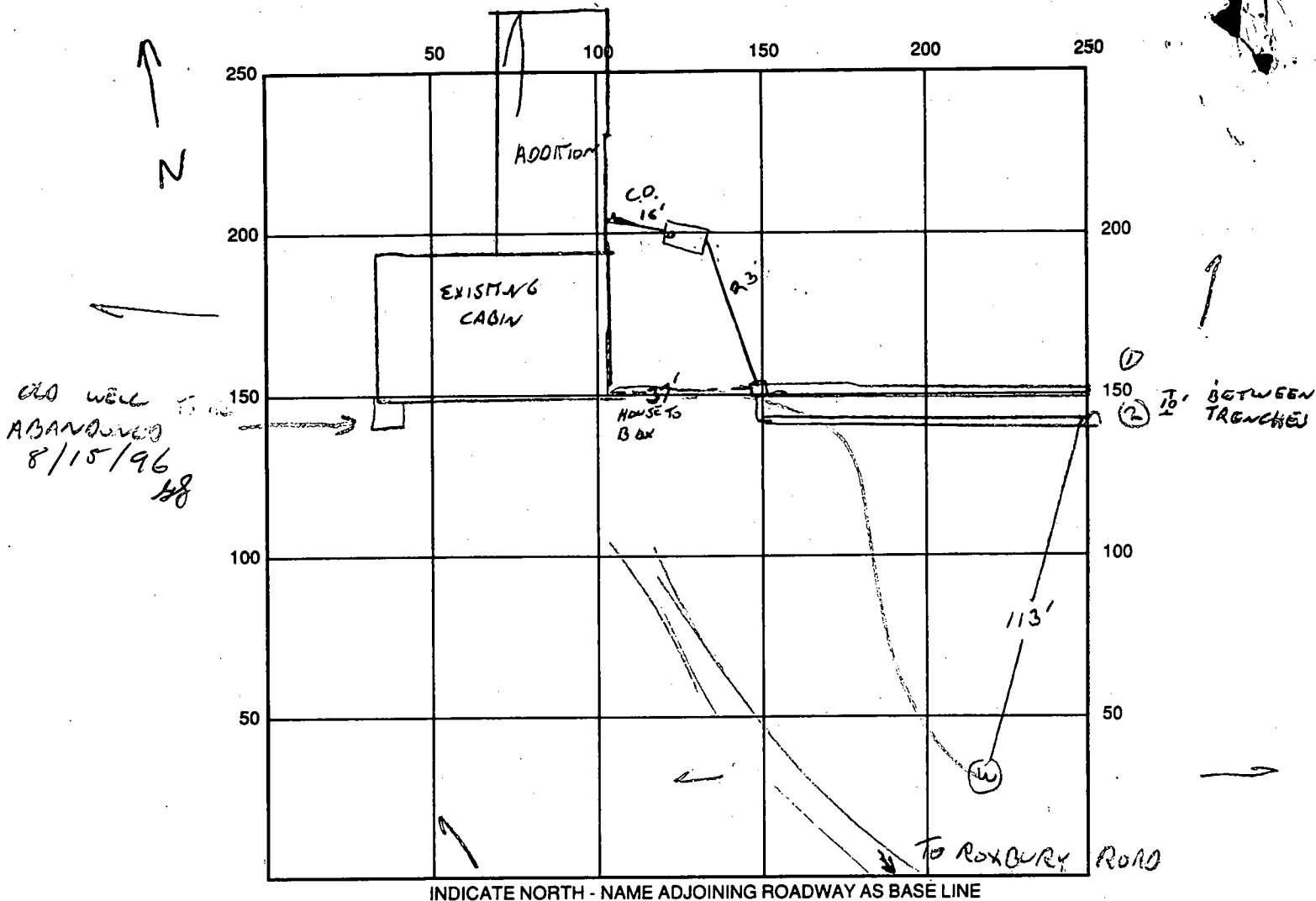
PERMIT VOID AFTER TWO YEARS

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

A 56621



SEPTIC TANK LEVEL OK 1500 GAL 2 COMPARTMENTS CLEANOUTS 1 ON TANK 1 AT HOUSE

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5.5' - 6' FT. TRENCH WIDTH 540 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 92 / 90 FT.

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

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 8/15/96 W.P.I. OK 8/8 10/11/96 INSTALLATION SATISFACTORY,
OK TO COVER 8/8

DATE SYSTEM APPROVED 10/11/96 INSPECTOR Ed. J. [Signature]

APPLICATION

PERCOLATION TESTING

A _____

P 56621

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 5-13-96

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

PREVIEW: OK
FOR ENLARGED DWELLING
OF UNCERTAIN DEMENSION,
SEWER LOCATION NOT KNOWN,
BASIC REPAIR FEE (\$25)
TO AUTHORIZE PERC ASSESSMENT
TO DETERMINE IF CONDITION & LOCATION IS ADEQUATE,
(WELL LIKELY TO BE A BANDONED & REPLACED.)

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER JOHN & CHARLOTTE WILDRICK

ADDRESS 7907 ASHFORD BLVD. LAUREL, MD 20707 PHONE 301-604-9688

AGENT OR PROSPECTIVE BUYER _____

ADDRESS 14602 ROXBURY RD. GLENELG, MD 21737 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Former owner: HELEN G. SCHNEIDER LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP 21 PARCEL # 32

SIZE OF LOT 9.991 acres TYPE BLDG. Replacement 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. Charlotte Wildrick
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

P.56621 - REPAIR TO SUPPORT ADDITION ↑ N

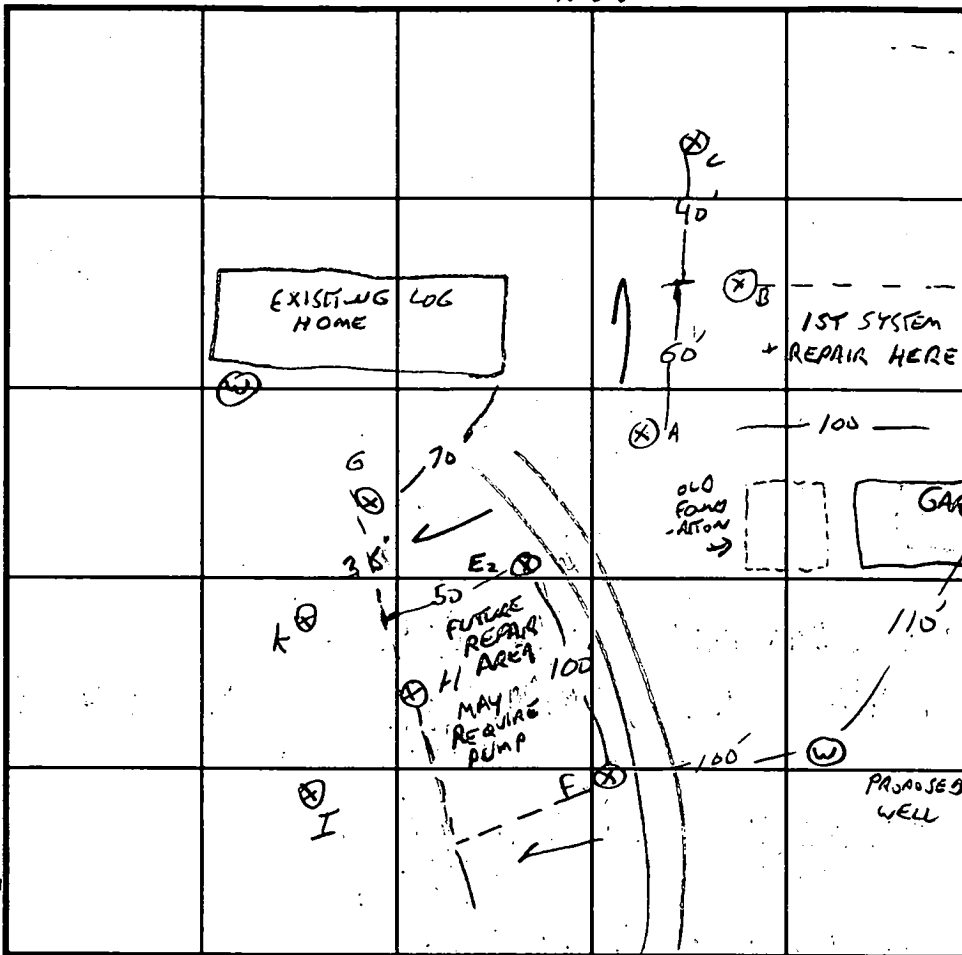
COUNTY #

SOIL PROFILE

0' TOPSOIL
ORANGE CLAY Loh
4-5'
GREY/TAN SANDY CLAY
30' Rock
9'

E

TOPSOIL
CLAY COAR
26'
TAN SSC
10'6"



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ To Roxbury ROAD

SOIL PROFILE

0' TOPSOIL
CLAY
2-3'
SANDY SILT Loh
5' GRAVEL
10'6"

SEND OWNER A COPY

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|---------------------|---|-------|----------------|-------|-------|
| | | | START | STOP | START | STOP | |
| 5/24/96 | A | 7/10'6" | 11:13 | 11:14 | 11:14 | 11:16 | 2 MIN |
| | A | 3/106 | 11:13 | 11:14 | 11:14 | 11:16 | 2 MIN |
| | E1 | 1/9 | UNUAL OK | | | | |
| | B | 3'6/9 | 11:19 | 11:21 | 11:21 | 11:27 | 6 MIN |
| | C | 1/9 | PREFERABLY NOT USED - CLAY DEATH - RICH | | | | |
| | D | 1/9 | VISUAL OK | | 25' ROCK | | |
| | E2 | 36'/106 | 11:33 | 11:34 | 11:34 | 11:36 | |
| | G | CLAY TO 5' | | | | | |
| | H | 40-50 8' Rock AT 5' | | | | | |
| | H | 5/10 | 11:43 | 11:45 | 11:45 | 11:48 | 3 MIN |

REMARKS USE A - E LENGTH, A-B WIDTH, / USE G, E, H, F

TYPE OF SOIL SPLIT SEPTIC AREA

TESTED BY 6. SAVAGE ALSO PRESENT KETTERMAN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 MIN TRENCH WIDTH 3

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER _____ DATE _____

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER _____ DATE _____

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT _____ DATE _____

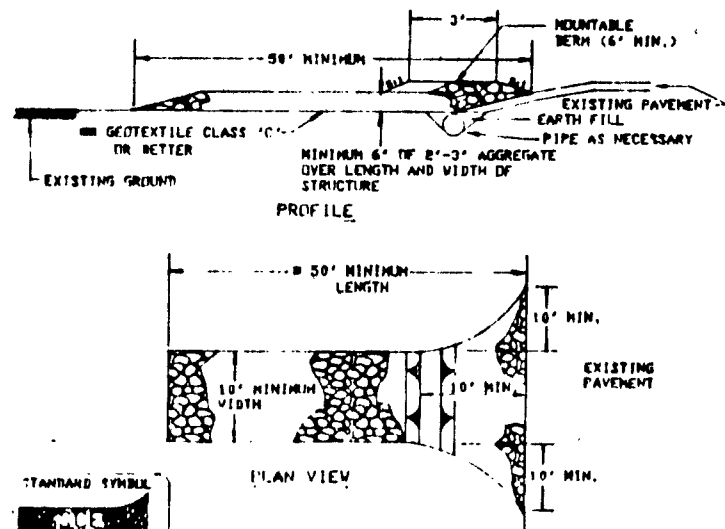
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DISTRICT HOWARD SOIL CONSERVATION DIST. _____ DATE _____

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1045).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - 7 CALENDAR DAYS FOR ALL PERMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1.
 - 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SOIL (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

| | | |
|------------------------------------|-------|---------|
| TOTAL AREA OF SITE | 9.991 | ACRES |
| AREA TO BE ROOPEL OR PAVED | 0.04 | ACRES |
| AREA TO BE VEGETATIVELY STABILIZED | 0.08 | ACRES |
| TOTAL CUT | 0.08 | CU.YDS. |
| TOTAL FILL | 0.08 | CU.YDS. |
- OFFSITE WASTE/BORROW AREA LOCATION
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACKFILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



- Length - minimum of 36" (90" for single residence lots).
- Width - 18" minimum, should be placed at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete. Geotextile shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted around construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable curb with 5:1 slope and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage, then the size is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
- AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (32 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (07 LBS./1000SQ.FT.), FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OR USE SOO.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNMOTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (10 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1988 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (1 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./1000 SQ.FT.) OF 10-20-20 FERTILIZER.

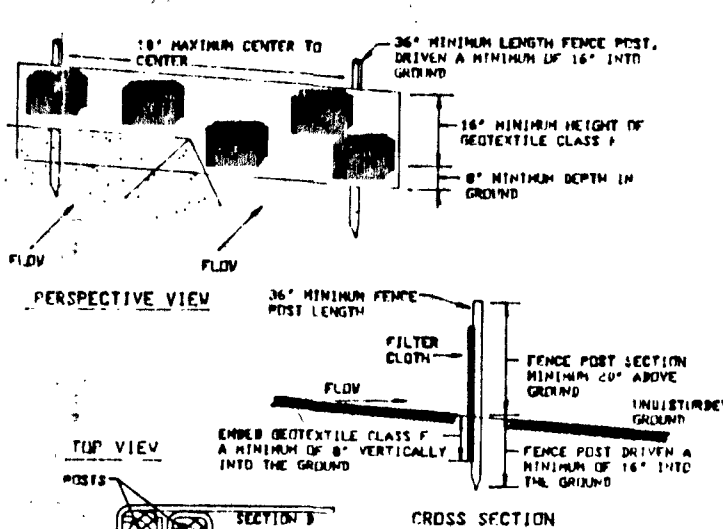
SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 80 LBS./ACRE (1.6 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE SOO. OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEED.

MAINTENANCE

INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWWEATCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



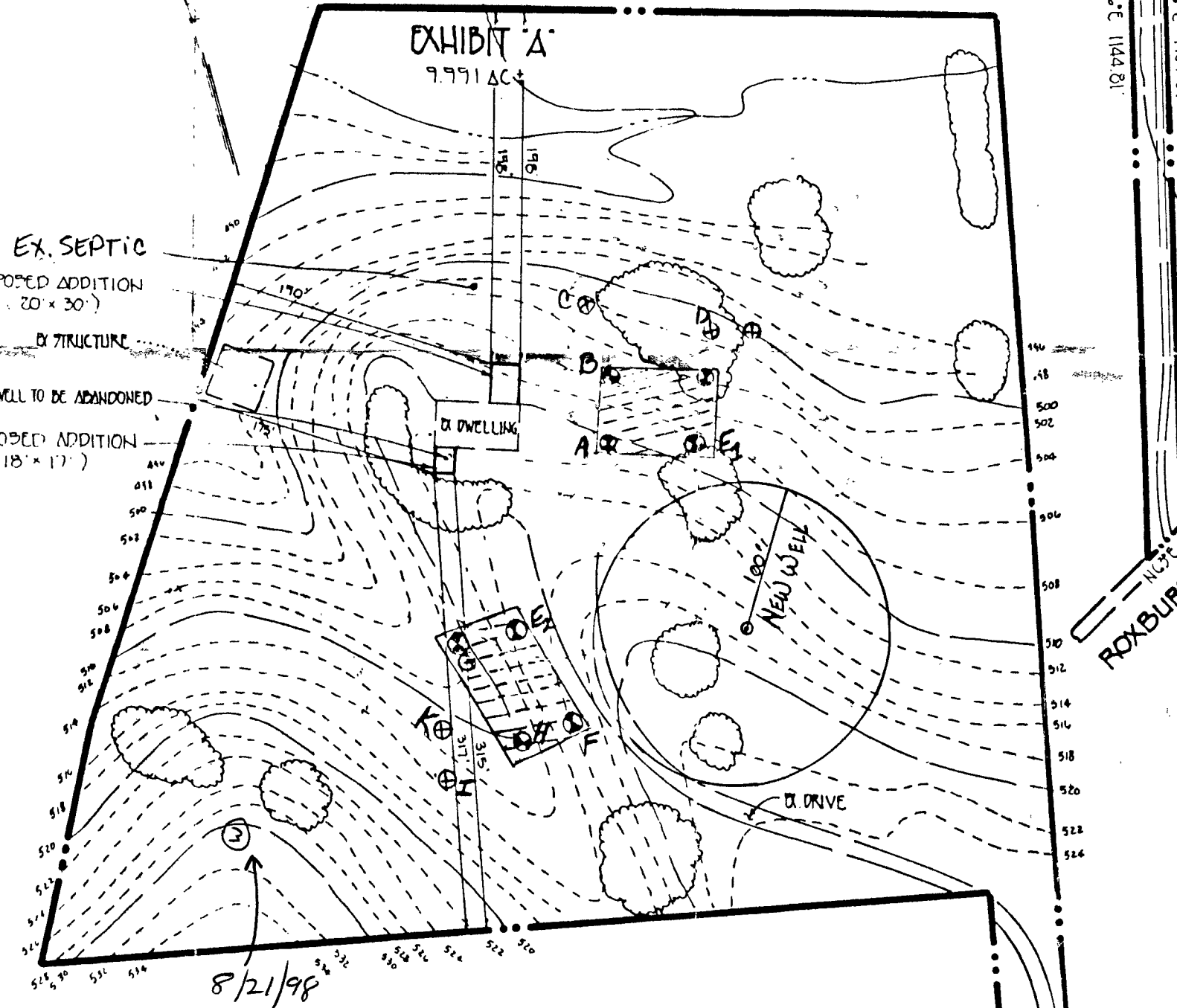
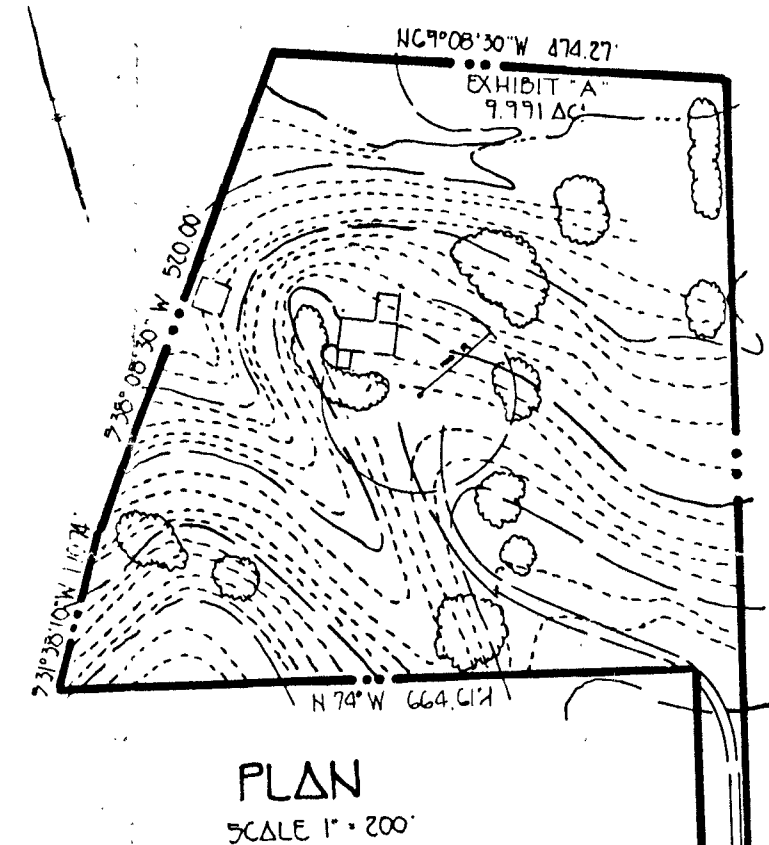
- Fence posts shall be a minimum of 36" long driven 18" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (exterior) cut, or 1 1/2" diameter (interior) round and shall be of sound quality hardwood. Steel posts will be standard F or U section weighting not less than 1.80 pound per linear foot.
- Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

| | | |
|----------------------|-----------------------------|----------------|
| Tensile Strength | 50 lbs/in. (min.) | Tests: MHT 509 |
| Tensile Modulus | 20 lbs/in. (min.) | Tests: MHT 509 |
| Flow Rate | 8.3 gal (8.3/minute) (max.) | Tests: MHT 222 |
| Filtering Efficiency | 75% (min.) | Tests: MHT 222 |
- Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
- Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

SILT FENCE

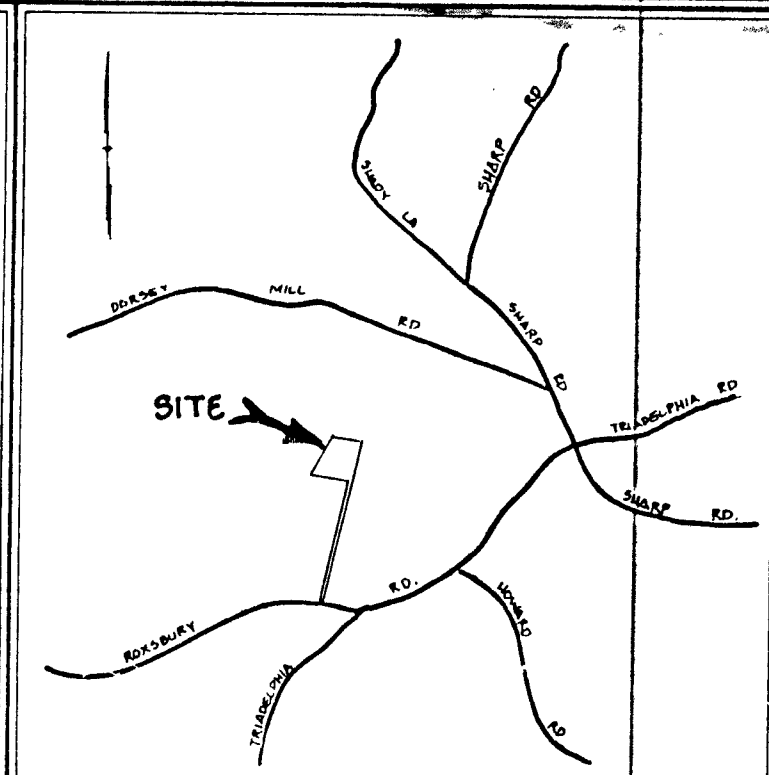
NOT TO SCALE

PROJECT _____
AREA _____
TITLE PERCOLATION CERTIFICATION PLAN



8/21/98
REPLACEMENT
WELL SITE
OK
8/24 DRAINED
AS SHOWN
7/23/96
GREATER SEPTIC
DETAIL REQUESTED,
PREVIOUS PLAN PROBABLY
WORKABLE. MESSAGE LEFT
FOR OWNER

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS BY THE HOWARD COUNTY HEALTH DEPARTMENT.
John M. Boyer 6-28-96
HOWARD COUNTY HEALTH OFFICER DATE



GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
- PROPOSED 1500 GALLON SEPTIC TANK.
- A. FIRST FLOOR ELEVATION: 573
B. BASEMENT ELEVATION:
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 511
D. INVERT IN AT SEPTIC TANK:
E. INVERT OUT AT SEPTIC TANK:
F. PROPOSED GRADE OVER SEPTIC TANK:
G. INVERT AT DISTRIBUTION BOX:
H. EXISTING GROUND OVER DISTRIBUTION BOX:
I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

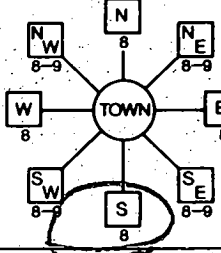
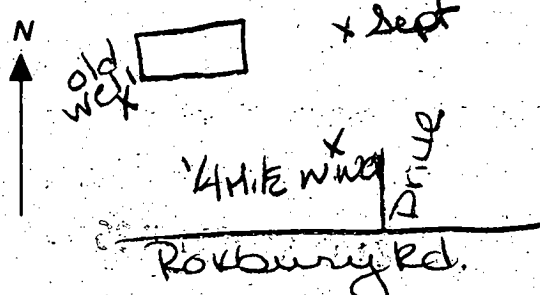
ADDITIONAL NOTES

- THIS AREA DESIGNATED A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND 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 PLAT SHALL NOT BE NECESSARY.
- PERC TEST HOLES, SHOWN HEREON HAVE BEEN FIELD LOCATED BY OWNER.
- ⊙ DENOTES PASSING PERC TEST
⊕ DENOTES FAILED PERC TEST
- WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE AND INFORMATION.
- APPLICATION # P56621.

THIS INFORMATION IS CORRECT TO THE BEST OF OUR KNOWLEDGE.
John & Charlotte Wildrick
14602 Roxbury Road
GLENELB, MD 21737
OWNER/ADDRESS DATE June 18, 1996

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT
WILDRICK PROPERTY
EXHIBIT "A"

TAX MAP 21 GRID 1G PARCEL 32
FOURTH ELECTION DIST HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: MARCH 11, 1996

| | | |
|---|--|---|
| B 1 4980 SEQUENCE NO. (MDE USE ONLY) | STATE OF MARYLAND PERMIT TO DRILL WELL please print or type | STATE PERMIT NUMBER 40-99-0797 <small>fill in this form completely</small> |
| (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) | | |
| OWNER INFORMATION Date Received (APA) WILDRICK JOHN 7907 Ashford BLVD LAUREL MD 20707 Last Name First Name Street or RFD Town State Zip | LOCATION OF WELL HOWARD 14602 ROXBURY RD GENELEE 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) RMI COUNTY SUBDIVISION SECTION LOT NEAREST TOWN MILES FROM TOWN | |
| DRILLER INFORMATION CIRCLE: MSD/MGD/MWD Donald Kyber Westminster Rotary Well Drilling P.O. Box 861 Westminster MD 21158 Donald Kyber 5-22-96 Driller's Name Firm Name Address Signature Date | DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD Roxbury Rd. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: BLK: PARCEL: | |
| WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 450 USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT) | NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD P-56621 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 052896 <i>Glenn J. Jumper</i> 5/28/97 NORTH GRID EAST GRID 519000 079000 | |
| 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 other | SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <i>Cray</i> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 790 N 5189 000 000 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  | |
| REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) | Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER GAP FORCE 65 WRITE INITIALS IN BOX PERMIT No. 40-99-0797 87 88 70 71 72 73 74 75 76 77 78 79 | |
| SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED | | |

C1 5336

SEQUENCE NO.
(DENV USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY.
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER P-566211 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED
IN COLUMNS 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE RECEIVED

8 13

DATE WELL COMPLETED

0 6 0 5 9 6
15 20

Depth of Well

22 2 3 0 26
(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

H 0 - 9 4 - 0 7 9 7
28 29 30 31 32 33 34 35 36 37

OWNER WILDRICK

JOHN

STREET OR RFD 1400 East name ROCKURY RD

first name

TOWN GENESEE

SUBDIVISION

SECTION

LOT

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 TOCheck
if water
bearing

| | | | |
|----------------------|-----|-----|---|
| DIRT | 0 | 1 | |
| RED CLAY | 1 | 3 | |
| SOFT BRN MICA | 3 | 10 | |
| HARD BLUE SAND SIONE | 10 | 19 | |
| SOFT BRN SAND SIONE | 19 | 20 | |
| HARD BLUE SAND SIONE | 20 | 46 | |
| FRACTURE | 46 | 47 | X |
| HARD BLUE SAND SIONE | 47 | 103 | |
| HARD GREY SAND SIONE | 103 | 108 | |
| HARD BLUE SAND SIONE | 108 | 163 | |
| HARD GREY SAND SIONE | 163 | 169 | |
| HARD BLUE SAND SIONE | 169 | 180 | |
| HARD BLK SANDSTONE | 180 | 230 | |

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes ☒ no ☐
Y N

TYPE OF GROUTING MATERIAL

CEMENT ☒ BENTONITE CLAY ☒
CM BC

NO. OF BAGS 10 NO. OF POUNDS 940

GALLONS OF WATER 50

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 2 3 ft.
48 TOP 52 (enter 0 if from surface) 54 BOTTOM 58

CASING RECORD

casing
types
insert
appropriate
code
below☒ ☒
STEEL CONCRETE
☒ ☒
PLASTIC OTHERMAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

| | | | | |
|----|----|----|----|----|
| S | T | 6 | 2 | 5 |
| 80 | 81 | 63 | 64 | 66 |

E
A
C
H
C
A
S
I
N
G

OTHER CASING (if used)

diameter depth (feet)

| | | | | |
|---|---|---|-----|-----|
| P | L | 4 | 0 | 30 |
| P | L | 4 | 40 | 30 |
| P | L | 4 | 100 | 210 |
| P | L | 4 | 220 | 230 |

screen type
or open hole

SCREEN RECORD

insert
appropriate
code
below

| | | | | | |
|-------|---------|-------|---|---|---|
| S | T | B | R | H | O |
| STEEL | BRASS | OPEN | | | |
| | BRONZE | HOLE | | | |
| | PLASTIC | OTHER | | | |

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY
WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED

yes ☒no ☐

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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.

DRILLERS IDENT. NO. 296

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

RONALD KYKER

SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

W Q

70 72 74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

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

METHOD USED TO
MEASURE PUMPING RATE SUBVERSIBLE

WATER LEVEL (distance from land surface)

BEFORE PUMPING 0 4

WHEN PUMPING 7 2

TYPE OF PUMP USED (for test)

| | | |
|-------------|-------------|------------------------|
| A | P | T |
| air | piston | turbine |
| C | R | O |
| centrifugal | rotary | other (describe below) |
| J | S | |
| jet | 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 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box
and enter casing height)

LAND SURFACE 2 (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)Septic
Well Drive
Rockbury Rd.

COUNTY

FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TEST

Maryland Well Permit No. HO-94-0787 Election District

Location of Property (road) ROXBURY RD.

| Subdivision | 14602 ROXBURY RD | Lot | Block | Plat | Sec. |
|-------------|------------------|-----|-------|------|------|
|-------------|------------------|-----|-------|------|------|

Well Driller RONALD KYKER **Owner** JOHN & CHARLOTTE WILDRICK

Depth of Well 230

Distance of Measuring Point (M.P.) above ground 2'

Static Water Level (S.W.L.) below M.P. 24'

I. High Rate Pumping -- reservoir drawdown

Time pump started 2:00 Pumping rate 12 GPM
Total time 3/4 hr to reach pumping water level 70 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes.

[illegible]

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER

DATE

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

SIGNATURE OF DEVELOPER

DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT

DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

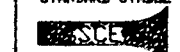
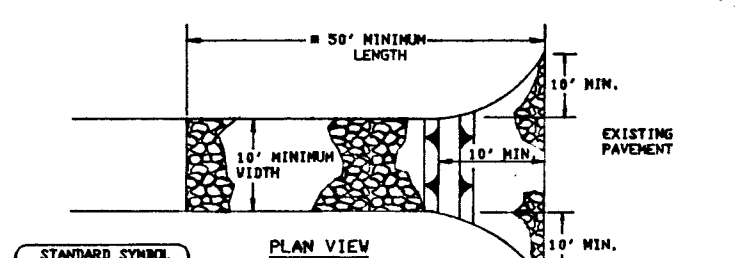
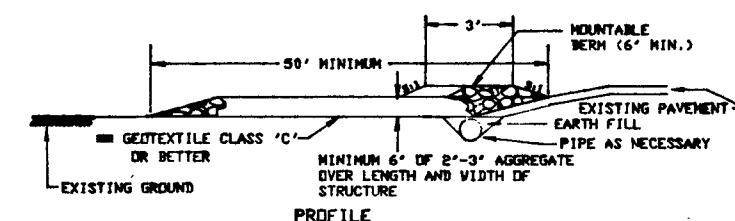
DISTRICT HOWARD SOIL CONSERVATION DIST.

DATE

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1055).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1; (b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 50), SOIL (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

| | |
|------------------------------------|------------------|
| TOTAL AREA OF SITE | 9.991 ACRES |
| AREA TO BE ROOFED OR PAVED | 0.08 ACRES |
| AREA TO BE VEGETATIVELY STABILIZED | 0.26 ACRES |
| TOTAL CUT | 0.00 CUBIC YARDS |
| TOTAL FILL | 0.00 CUBIC YARDS |
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



Construction Specification

- Length - minimum of 50' (40' for single residence lot).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
12700 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461-2855

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
- AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER @ 1 LBS./1000 SQ. FT.)

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000SQ.FT.). FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOI.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER, USE 340 GALLONS PER ACRE (6 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1996 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 10-20-20 FERTILIZER (1 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (0.5 LBS./1000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOI; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEED.

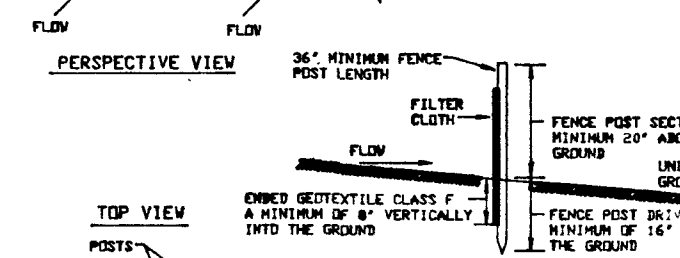
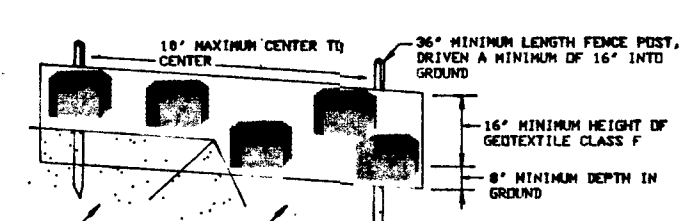
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (80 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER USE 340 GALLONS PER ACRE (6 GAL./1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE

INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWN VETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



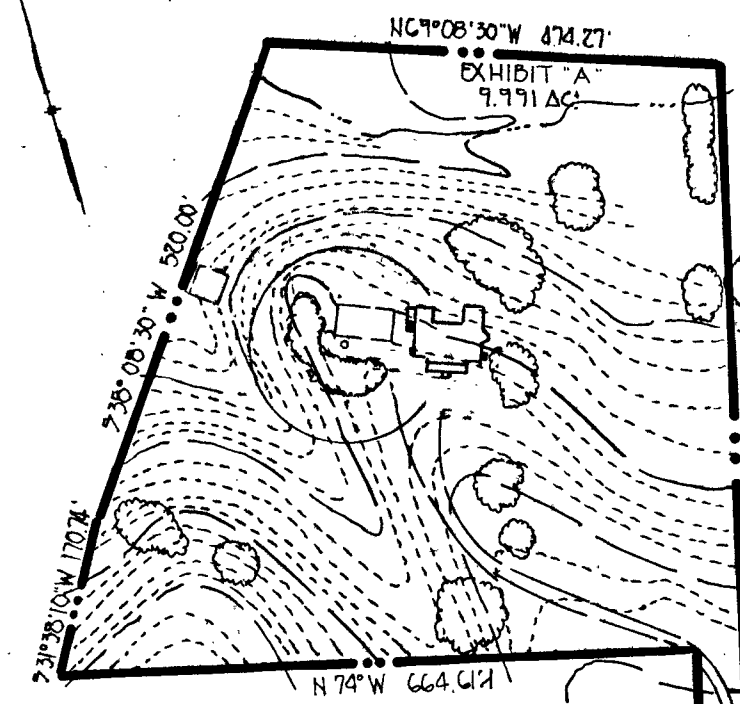
Construction Specification

- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.80 pound per linear foot.
- Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

| | | |
|-----------------------|--------------------------------|---------------|
| Tensile Strength | 80 lbs/in. (min.) | Test: HST 509 |
| Tensile Modulus | 80 lbs/in. (min.) | Test: HST 509 |
| Flow Rate | 0.3 gal./sq. ft./minute (max.) | Test: HST 328 |
| Filtration Efficiency | 75% (min.) | Test: HST 328 |
- Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
- Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reaches 50% of the fabric height.

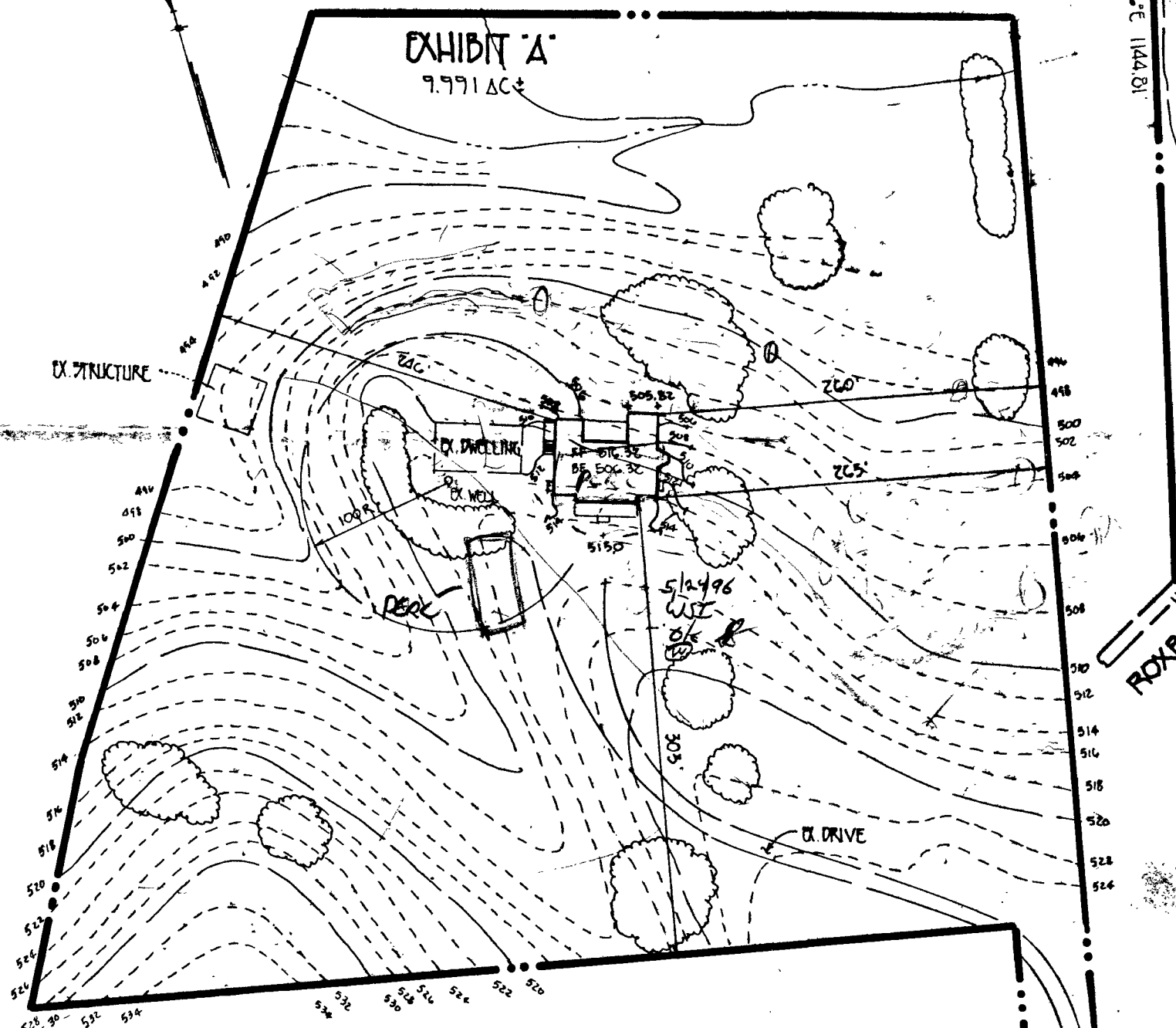
SILT FENCE

NOT TO SCALE



PLAN

SCALE 1" = 200'

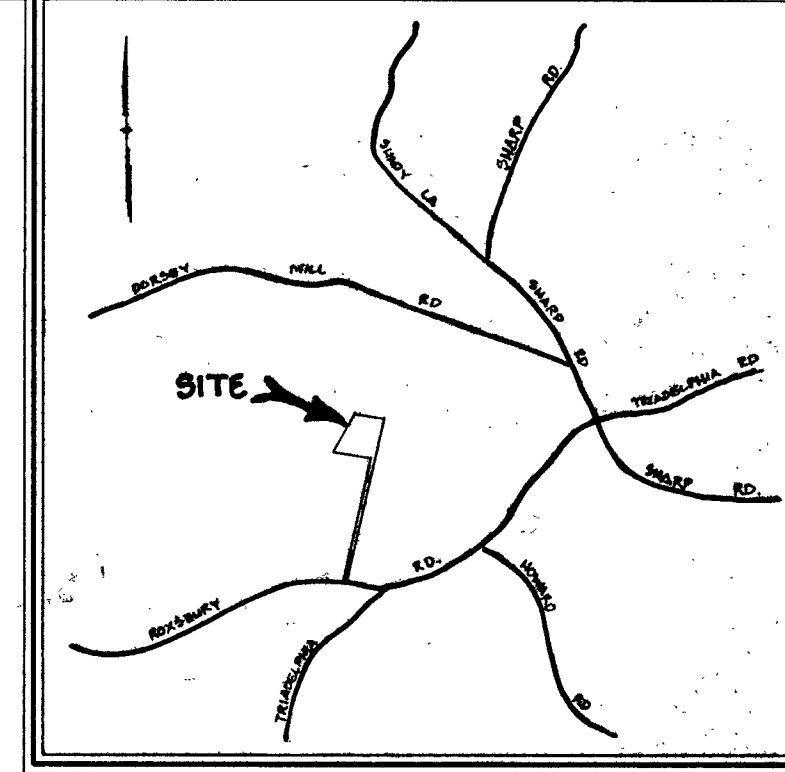


DETAIL

SCALE 1" = 100'

APPLICANTS PROPOSED IS TO ENLARGE EXISTING DWELLING. WELL UNDER PORCH RE-PAVEMENT DRAINED, CASHED. SEPTIC NOT KNOWN. HEALTH DEPT ANALYSIS; AT TIME OF DEMOLITION OF EXISTING RESIDENCE, WELL CONSTRUCTION SHOULD BE EXAMINED BY LICENSED WELL DRILLER & BROUGHT INTO COMPLIANCE WITH CURRENT CONSTRUCTION REQUIREMENTS ON ABANDONED AND SEALED.

EXISTING HOUSE 15' 2' ON LESS PROPOSED NEW HOUSE 13' 3' ON LESS. SO REPLACE MOST DWELLING NO INCREASE IN FLOW AND EQUAL AREA APPROX. ON NON-CONVENTIONAL SEPTIC SYSTEM STANDARDS IF NECESSARY. 4/2/96 C. WILLIAMS

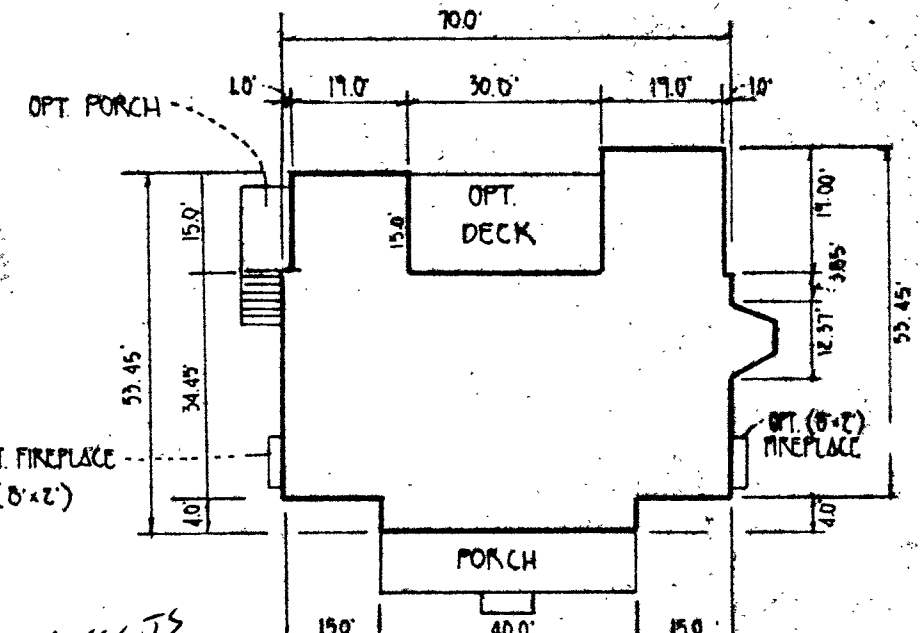


GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT.
- PROPOSED 1500 GALLON SEPTIC TANK.
- A. FIRST FLOOR ELEVATION
B. BASEMENT ELEVATION
C. INVERT OF SEPTIC SYSTEM AT HOUSE
D. INVERT IN AT SEPTIC TANK
E. INVERT OUT AT SEPTIC TANK
F. PROPOSED GRADE OVER SEPTIC TANK
G. INVERT AT DISTRIBUTION BOX
H. EXISTING GROUND OVER DISTRIBUTION BOX
I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

5-24-96 REPLACEMENT DWELLING WILL NOT BE BUILT, ADDITION & RENOVATION TO EXISTING STRUCTURE, AREA PERC TESTING AVAILABLE FOR SHALLOW SYSTEM - 1ST AREA IS APPROX. IN THE LOCATION OF PROPOSED REPLACEMENT DWELLING, SEEDING IS IN FRONT OF EXISTING STRUCTURE. EXISTING WELL TO BE ABANDONED FOR UTILIZATION OF THE PROPOSED SEPTIC AREAS, NEW SEPTIC SYSTEM REQUIRED. REVISE SITE PLAN REQUIRED, INDICATING ADDITION AND ESTABLISHED SEPTIC REMAIN AREAS.

WILDRICK RESIDENCE



TYPICAL PROFILE

NOT TO SCALE

PLAN TO ACCOMPANY APPLICATION

FOR BUILDING PERMIT

WILDRICK PROPERTY

EXHIBIT A

TAX MAP 21 GRID 16 PARCEL 3
FOURTH ELECTION DIST. HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: MARCH 11, 1996

61010

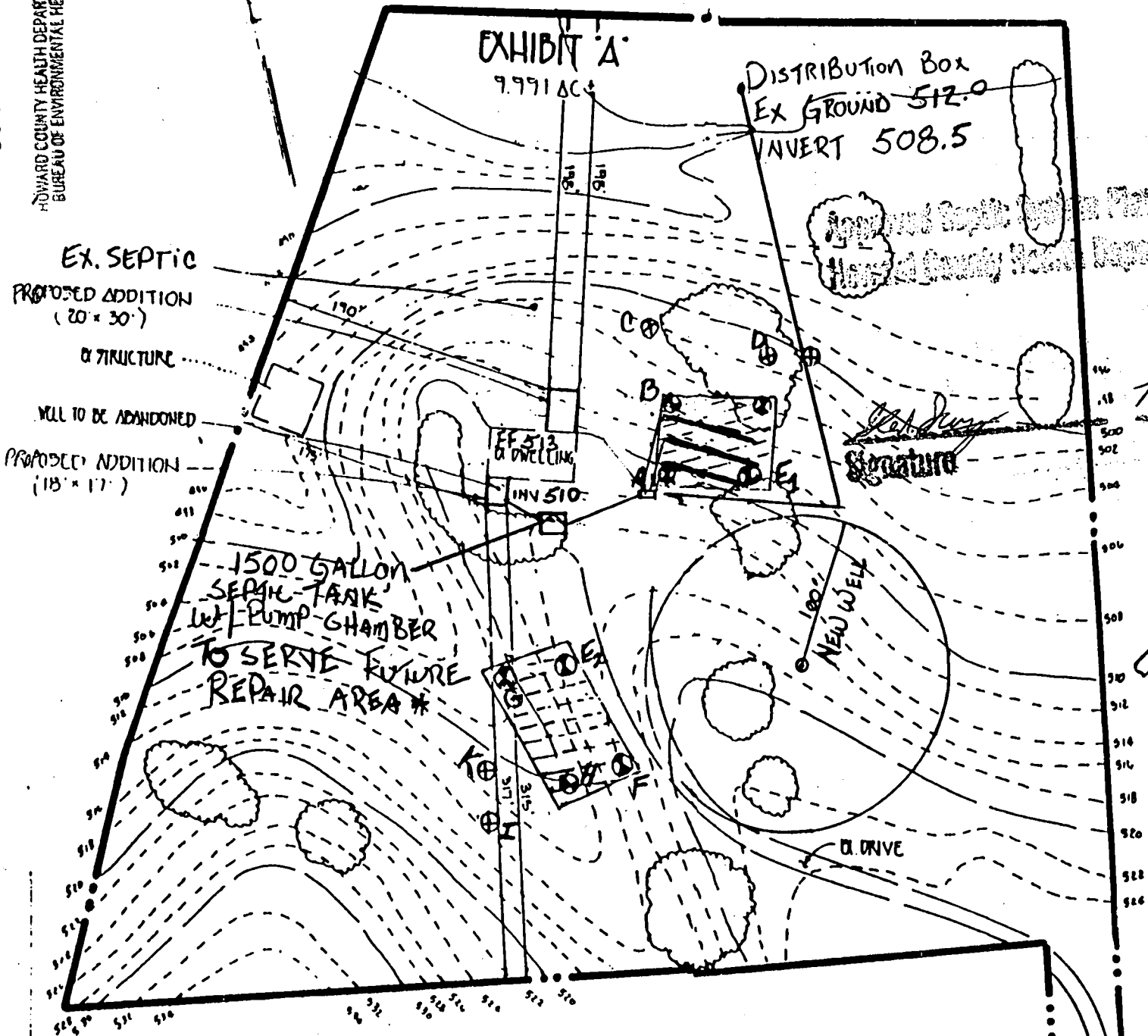
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SECT02.WG

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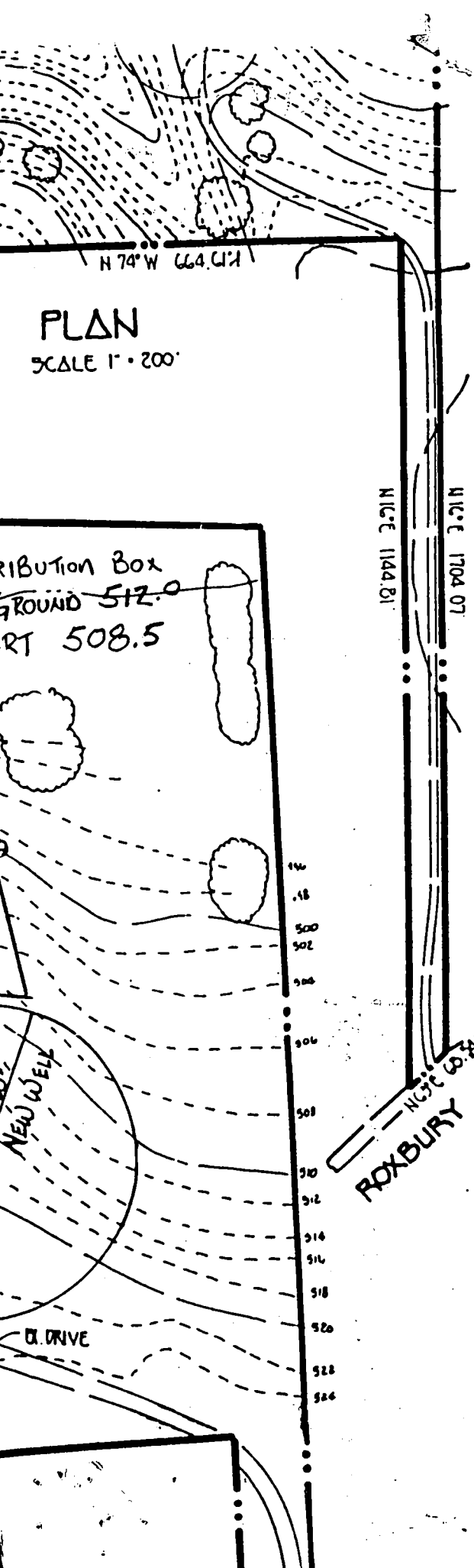
JUL - 1 1996

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH



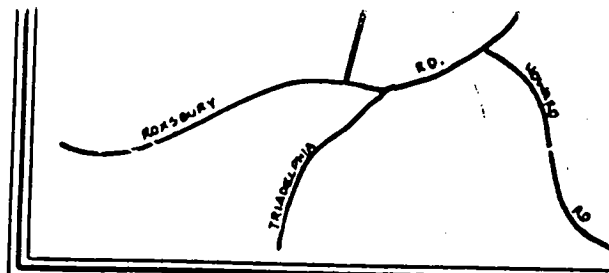
* Pump chamber to

DETAIL



PLAN

SCALE 1" = 200'



VICINITY MAP

SCALE 1" = 2000'

PROPOSED SEPTIC SYSTEM
DETAIL OK

GENERAL NOTES

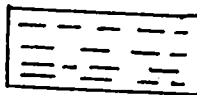
1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 513
B. BASEMENT ELEVATION:
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 510
D. INVERT IN AT SEPTIC TANK: 509.40
E. INVERT OUT AT SEPTIC TANK: 508.50
F. PROPOSED GRADE OVER SEPTIC TANK: 512.0
G. INVERT AT DISTRIBUTION BOX: 507.
H. EXISTING GROUND OVER DISTRIBUTION BOX: 509
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

BP NOT YET

SUBMITTED

CW

ADDITIONAL NOTES

1.  THIS AREA DESIGNATED A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND 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 PLAT SHALL NOT BE NECESSARY.

2. PERC TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED BY OWNER.

3. ● DENOTES PASSING PERC TEST

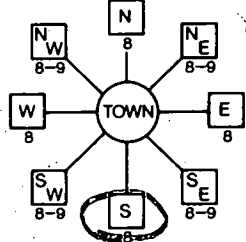
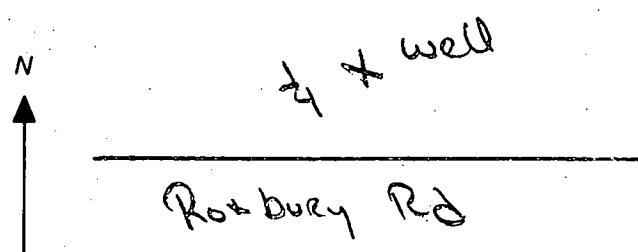
⊕ DENOTES FAILED PERC TEST

4. WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE AND INFORMATION.

5. APPLICATION # P56621.

| | | | | | | | |
|---|--|---|--|--|--|---|--|
| C1 4189 | | SEQUENCE NO. (MDE USE ONLY) | | STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE | | THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. | |
| ST/CO USE ONLY DATE Received MM DD YY 8 13 | | DATE WELL COMPLETED MM DD YY 08 24 98 | | Depth of Well 22 180 26 (TO NEAREST FOOT) | | COUNTY NUMBER P 56621 PERMIT NO. FROM "PERMIT TO DRILL WELL" H0 94 1693 | |
| OWNER last name first name WILORICK JOHN | | STREET OR RFD 14602 ROXBURY ROAD | | TOWN GEARLE | | SUBDIVISION SECTION LOT | |
| WELL LOG Not required for driven wells | | STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING | | GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 18 NO. OF POUNDS 1692 GALLONS OF WATER 108 DEPTH OF GROUT SEAL (to nearest foot) from 0 TOP 52 ft. to 60 BOTTOM 58 ft. (enter 0 if from surface) | | C3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 10 METHOD USED TO MEASURE PUMPING RATE submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 36 ft. WHEN PUMPING 96 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible | |
| DESCRIPTION (Use additional sheets if needed) | | FEET FROM TO | | check if water bearing | | CASING RECORD casing types insert appropriate code below MAIN CASING TYPE S T 6 61 OTHER CASING (if used) P L 4 80 100 P L 4 110 160 P L 4 170 180 | |
| Dirt 0 1 | | | | | | SCREEN RECORD screen type or open hole insert appropriate code below S T B R H O STEEL BRASS OPEN HOLE P L PL OT PLASTIC OTHER | |
| Soft Br. Schist 1 40 X | | | | | | DEPTH (nearest ft.) P L 70 80 P L 100 110 P L 160 170 SLOT SIZE 1 .010 2 .010 3 .010 DIAMETER OF SCREEN 4 (NEAREST INCH) from 56 to 60 | |
| Hard & Soft Br. Blue Schist 40 55 | | | | | | GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 34 180 68 | |
| Hard Blue Schist 55 74 X | | | | | | MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 | |
| laced Br. Schist 74 101 | | | | | | TELESCOPE CASING LOG INDICATOR OTHER DATA | |
| Hard Blue Schist 101 103 X | | | | | | | |
| Hard Br. Schist 103 170 | | | | | | | |
| Hard Blue Schist 170 180 | | | | | | | |
| Blue & Br. Schist 170 180 | | | | | | | |
| NUMBER OF UNSUCCESSFUL WELLS: 0 | | | | | | PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 1 (nearest foot) | |
| WELL HYDROFRACTURED YES NO Y N | | | | | | LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) House Driveway Well Boxburg | |
| 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. | | | | | | | |
| DRILLERS LIC. NO. M W D 296 Ronald Kyker DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. MW D 296 Ronald Kyker | | | | | | | |
| SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) | | | | | | | |

[illegible]

| | | | |
|--|---|--|---|
| B 1 3646 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small> | SEQUENCE NO. <small>(MDE USE ONLY)</small> | STATE OF MARYLAND PERMIT TO DRILL WELL please print or type | STATE PERMIT NUMBER H0-94-1693 <small>fill in this form completely</small> |
| Date Received (APA) 8 MM DD YY 13 WILDRICK JOHN 15 Last Name Owner First Name 34 14002 ROXBURY ROAD 36 Street or RFD 55 GLENELGE MD 21237 57 Town 70 State 72 Zip 76 | | B 3 HOWARD 8 COUNTY 21 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 ROXBURY ROAD GLENELGE MD 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 2 M I 73 76 77 78 | |
| DRILLER INFORMATION RONALD KYKER M W D 296 Driller's Name 76 License No. 81 WESTMINSTER ROTARY WELL DRILL INC. Firm Name P.O. BOX 861 westminster MD 21157 Address <i>Ronald Kyker</i> AUG 21 98 Signature Date | | B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ROXBURY ROAD 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 37 DISTANCE FROM ROAD ENTER FT OR MI mt TAX MAP: 21 BLK: PARCEL 32 | |
| B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE 5 (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY) 14 20 | | NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD D-56621 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S → 41 DATE ISSUED 8 21 98 8 21 98 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 519 000 EAST GRID 790 000 50 55 57 63 | |
| USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT) | | 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 790 N 5109 000 000 | |
| APPROXIMATE DEPTH OF WELL 200 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH | | DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  | |
| 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 | | | |
| REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input checked="" type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52 | | | |
| Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 G A P 63 FORCE GS WRITE INITIALS IN BOX PERMIT NO. H0-94-1693 67 68 70 71 72 73 74 75 76 77 78 79 | | | |
| SPECIAL CONDITIONS <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -</small> | | | |

8 24.98
PUMP + GROUT

180' 09054

830 36 5 SEC 4' cloudy 120A

1130 96 6 SEC CLEAR 106A

60' CASING

18 BAGS GROUT

PER DRILLER

TAG ON WELL

LOCATION OK

CASING 1 ABOVE GROUT

[Signature]

WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 8/15/96 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) NA

* PERMIT NUMBER OF REPLACEMENT WELL

* PERSON ABANDONING WELL: K+K EXCAVATING

WELL DRILLERS LICENSE NUMBER: _____

* OWNER'S NAME: JOHN WILKINSON

* WELL LOCATION:

COUNTY: HOWARD
NEAREST TOWN: _____
TAX MAP 21 BLOCK _____ PARCEL 32
SUBDIVISION: _____
SECTION: _____ LOT: _____

MARYLAND GRID COORDINATES

BOX NUMBER E 794
N 519

| | | | | | | | |
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| H | 0 | | 9 | 4 | | 0 | 7 | 9 | 7 |
|---|---|--|---|---|--|---|---|---|---|

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| | |
| | |

SHOW WELL LOCATION
BY X WITHIN BOX

* TYPE OF WELL BEING ABANDONED:

☒ DRILLED ☐ JETTED
☐ BORED/AUGURED ☐ HAND DUG
☐ OTHER (specify) _____

* USE CODE:

☒ DOMESTIC ☐ MUNICIPAL/PUBLIC
☐ IRRIGATION ☐ INDUSTRIAL
☐ TEST/OBSERVATION

* TYPE OF CASING:

☐ STEEL ☐ PLASTIC
☐ CONCRETE ☒ OTHER (specify)
TERMA COTON

* SIZE OF CASING: _____ INCHES IN DIAMETER

* DEPTH OF WELL: 25 FEET DEEP

* WAS ANY CASING REMOVED? ☐ YES ☒ NO
if yes, length removed, in feet: _____

* WAS CASING RIPPED OR PERFORATED? ☐ YES ☒ NO

LOG OF SEALING MATERIAL

| MATERIAL | FEET | |
|----------|------|-----|
| | FROM | TO |
| Soil | 0 | 6 |
| CONCRETE | 6 | 25+ |

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN Robert Jones

LICENSE # _____

DATE 8/16/96

SITE INSPECTION SHEET

OWNER: WILORICK

DATE REQUESTED: 8/15/96

ADDRESS: 14602 ROXBURY

DRILLER: NA

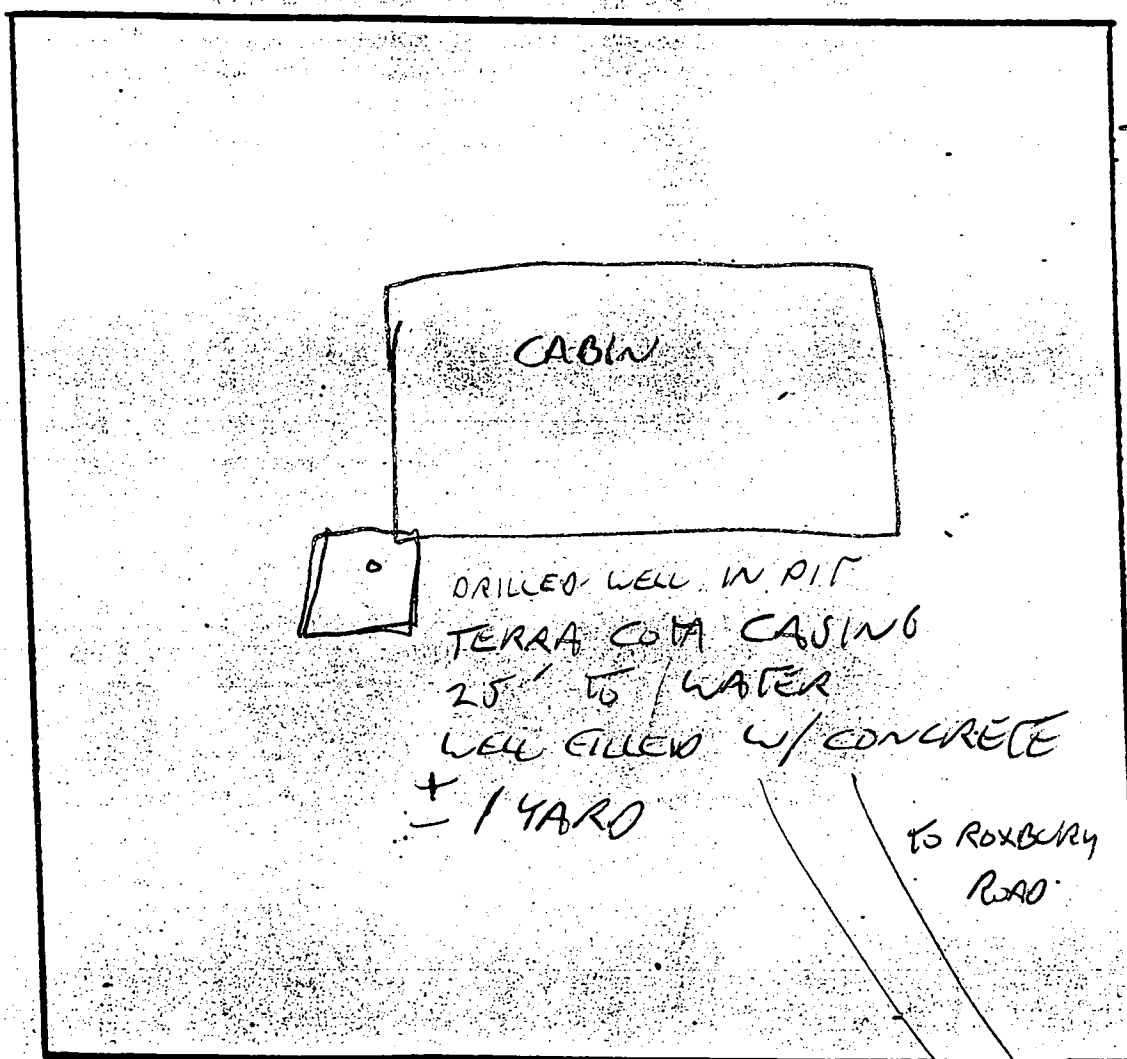
ROAD

WELL TAG # NA

COUNTY # NA

PROPOSAL: WELL ABANDONED

LOCATION DIAGRAM



COMMENTS: OBSERVED GROUND WIRE INSTALLED IN POURED FOOTINGS PRIOR TO FILLING WELL

DATE:

INSPECTOR: