

4/4/94  
c/o pmc

# PERMIT

05-415357

## SEWAGE DISPOSAL SYSTEM

P 50495A

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 44724

DISTRICT 3rd

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

DATE 1/26/95

~~461-9933~~ 313-2640

INDEXED

DATE SYSTEM APPROVED 4/14/94

INSPECTOR M. Rifkin

Jack Fyock Septic Service

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 988-9270

SUBDIVISION Hilda Linthicum LOT 2 ROAD 4237 Linthicum Road

PROPERTY OWNER Vernon Morsberger

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

IF PUMP SYSTEM USED, INSTALL THE FOLLOWING:

NUMBER OF BEDROOMS 3

1-1000 gallon pump chamber with dual effluent pumps or 1 effluent pump if 1 days storage capacity above high water alarm in pump chamber. Installer to provide pump detail prior to issuance of septic permit.

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 2 1/2 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 2 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box at the highest part of the sewage area, or approximately as follows: 40 feet from right (245.05') property line and 140 feet from the intersection of the front (105.00') and right (245.05') property line as viewed from Linthicum Road. Install trenches on contour toward front lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 3/3/94

PLANS APPROVED BY Ronald Pinkley/Mark Rifkin REVISED \_\_\_\_\_ DATE 12/01/93

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

BLDG PERMIT SIGNED AND RETURNED 10-6-98  
Serial # Bro 114389

PERMIT VOID AFTER TWO YEARS

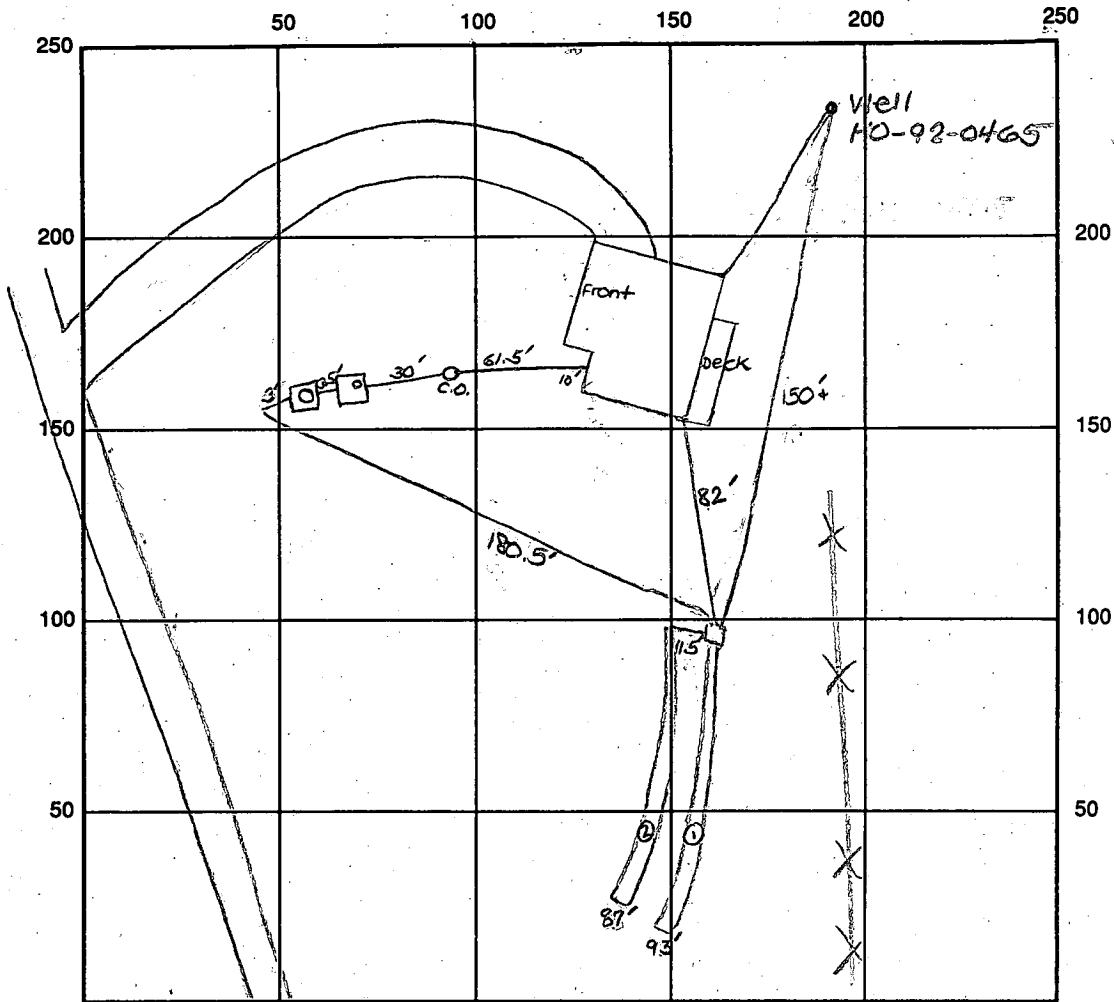
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

3-car garage with Master Bedroom

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

A  
44724



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
Linthicum Rd.

SEPTIC TANK LEVEL OK-1250 gal tank, 1000 pump CLEANOUTS 1 in line, 1 on septic tank  
*Lybrate hole on pump chamber*

DISTRIBUTION BOX LEVEL OK-baffle in.

DRAIN FIELD/TITLE DEPTH 4.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 180.5 FT. <sup>0 93'</sup>

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA      SQ. FT.

REMARKS: 4/4/94 OK to cover all work. Hold for septic pump

inspection. MR/DKS

4/14/94 PUMP INSP OK MR

DATE SYSTEM APPROVED

4/14/94

INSPECTOR

McRifkin

# APPLICATION

PERCOLATION TESTING

A 44724

P \_\_\_\_\_

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

DISTRICT 5

DATE 6/20/89

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 Hilda Linthicum Moeberger

ADDRESS 4235 Linthicum Road PHONE <sup>242-</sup>301-531-2571

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Hilda Z. Linthicum Subdivision LOT NO. 8.2 on Final

ROAD AND DESCRIPTION 4235 Linthicum Rd (4237 Linthicum Road)

TAX MAP 22 PARCEL # 89

SIZE OF LOT 5.13 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.

Hilda Linthicum  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED

AND RETURNED 12/01/93

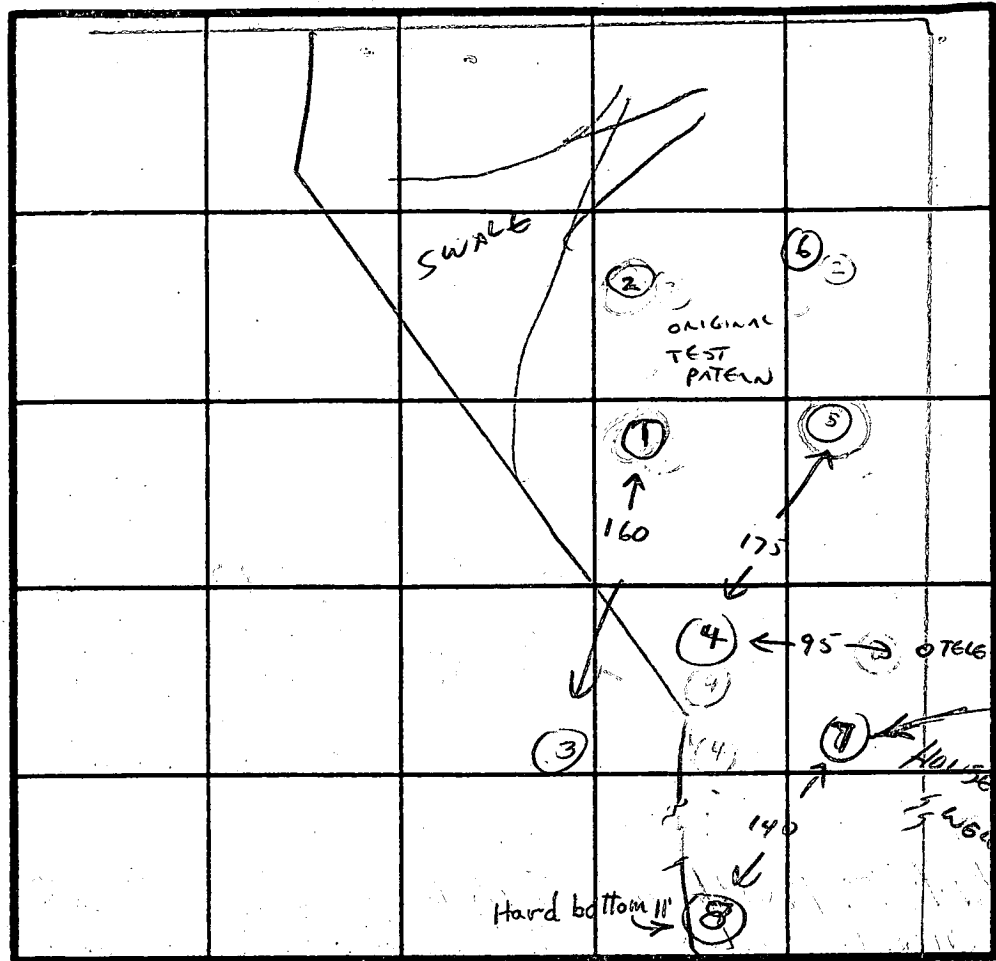
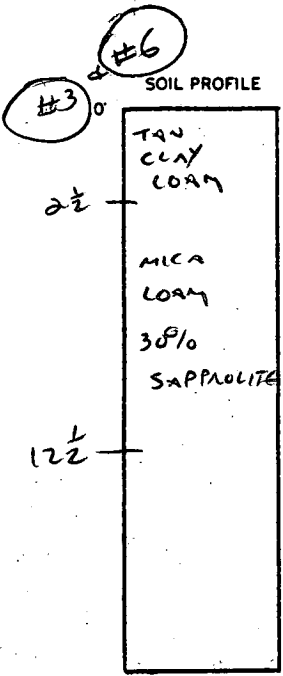
Serial # 57409

SFD - 3 Bedrooms

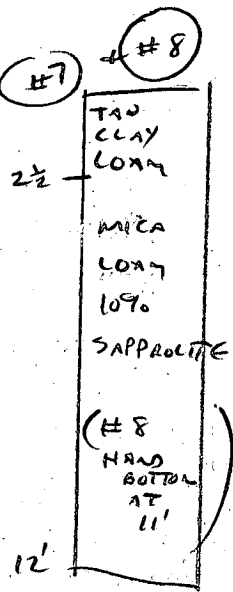
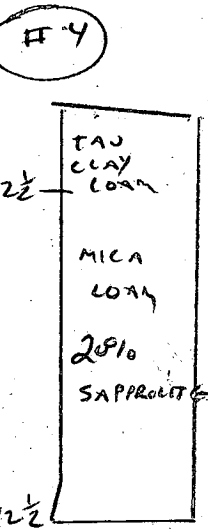
HD-216

# THIS IS NOT A PERMIT

A44724  
LOT 3



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. TO LINTHKUM RD



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/5/89	1, 2		NOT INSPECTED - COVERED, WET SOIL				X
	5		NOT TESTED, EXCESS ROCK ONE SIDEWALL				X
	6		NOT TESTED UNABLE TO TIE INTO TEST PATTERN				
	3	3/8	2:48	2:50	2:51	2:55	4 MIN ✓
		12					
	4	3/8	2:42	2:44	2:44	2:47	3 MIN ✓
		12	VIS OK LOAM				
	7	3/8	VIS OK 3-11'				✓
		12					
	8	3/8	VPS OK 3-11'				✓

11 HARD BOTTOM

REMARKS USE HOLE 3-4-7-8

TYPE OF SOIL MICA LOAM

TESTED BY William ALSO PRESENT BELVINS

# APPLICATION

PERCOLATION TESTING

A 44722

P \_\_\_\_\_

DISTRICT 5<sup>th</sup>

DATE 6/20/89

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 Hilda Linthicum

ADDRESS 4235 Linthicum Dayton PHONE 531-2571  
md

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Hilda Z. Linthicum Subdivision LOT NO. NOT USED  
2 p/o Lot 2

ROAD AND DESCRIPTION 4235 Linthicum Rd Final

TAX MAP 22 PARCEL # 89

SIZE OF LOT 5.10 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. Hilda Linthicum  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

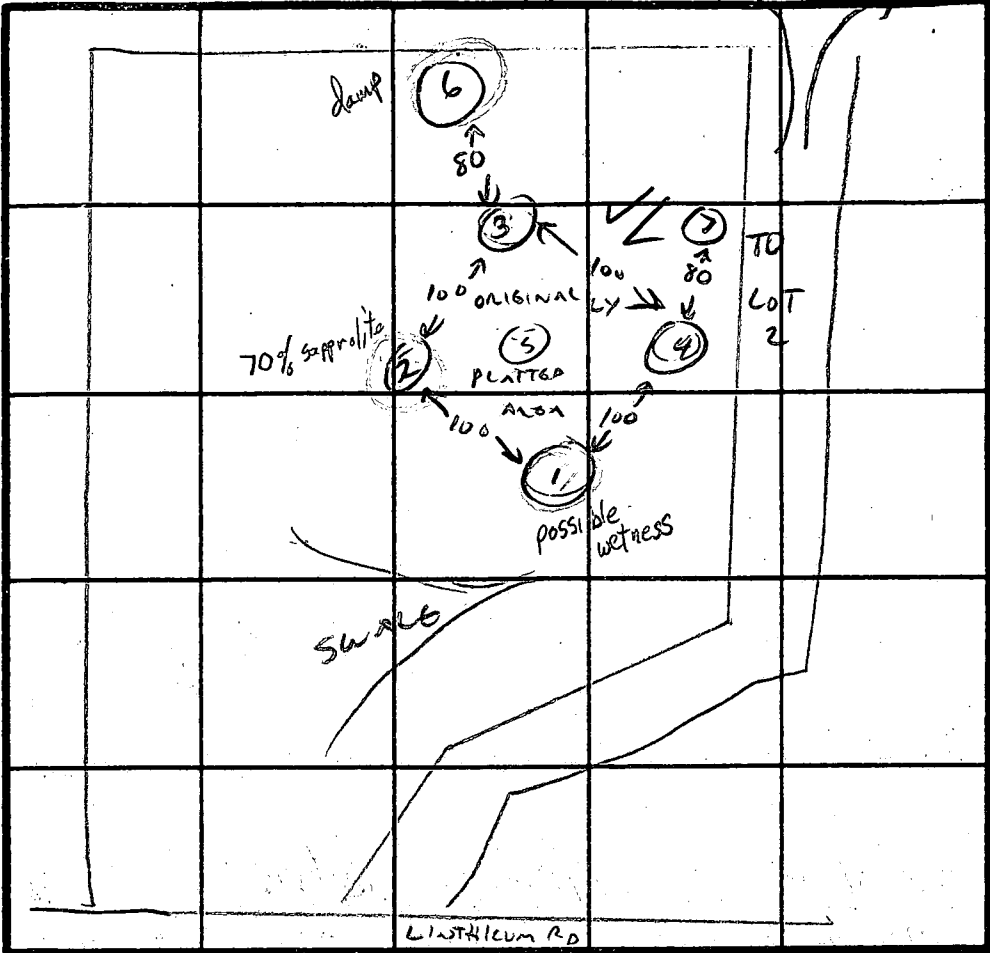
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

# THIS IS NOT A PERMIT

*Preliminary  
Sept 6, 1989  
10 AM*

A44722  
LOT 1



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

#1 SOIL PROFILE  
 6" GANGE CLAY LOAM  
 3" TRANSITION  
 5" MICA LOAM  
 10% SAPPHIRITE  
 POSSIBLE MOTTLES BELOW  
 9-10'

#2  
 3" CLAY LOAM  
 MICA LOAM W/ VERTICAL VEINS  
 78% SAPPHIRITE  
 9" COAM  
 12"

#3 #4 #5

3" CLAY LOAM  
 MICA LOAM  
 28% SAPPHIRITE  
 12 1/2"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/5/89	1	3 8	1:17	1:20	1:20	1:25	5 MIN
		12	LOAM - DO NOT USE -		POSSIBLE WETNESS		
	2	FAIL -	VEINS OF 70% SAPPHIRITE		2-9'		
	3	3 8	1:26	1:28	1:28	1:31	3 MIN
		12	VIS	OK	LOAM		
	4	3 8	1:22	1:24	1:24	1:26	2 MIN
		12	VIS	OK	LOAM		
	5	3 8	1:17	1:20	1:20	1:24	4 MIN
		12	VIS	OK	LOAM		
	6	3 8	LOAM / DAMP - IN SLIGHT SWALE				DO NOT USE

REMARKS USE HOLES 3-4-5 - TOWARD, BUT NOT INCLUDING 6  
 #7 3/21/91 - VIS OK LOAM 3-12 1/2' - SAME AS #3-4-5  
 TYPE OF SOIL  
 TESTED BY C. Wellman ALSO PRESENT B. GUVINS

12/21/93  
PM

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement   
Receipt # 0-0  
Date 12/20/93  
Name of Installer MARK BREW P/H Inc. Telephone 301-854-0609  
License Number 16761  
Certified Well Pump Installer  Well Driller  Registered Plumber   
Name of Property Owner VERNON MORSEBERGER Telephone \_\_\_\_\_  
Subdivision Hilda Linticum Lot # 2 Well Tag # HD-92-0465  
Site Address 4237 Linticum Rd, DAYTON

**Pump**  
1. Type  
a. Deep well jet \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_  
c. Submersible   
2. Make \_\_\_\_\_  
3. Model # \_\_\_\_\_  
4. Capacity \_\_\_\_\_ GPM  
5. Pump exceeds well capacity Yes \_\_\_\_\_ No \_\_\_\_\_  
6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_  
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards  Other \_\_\_\_\_

**Motor**  
1. Horsepower \_\_\_\_\_  
2. RPM \_\_\_\_\_  
3. Voltage \_\_\_\_\_  
a. 110 \_\_\_\_\_  
b. 220 \_\_\_\_\_

**Pitless Adapter**  
1. Make \_\_\_\_\_  
2. Model # \_\_\_\_\_  
3. Depth \_\_\_\_\_

**Tank**  
1. Capacity \_\_\_\_\_  
2. Pressure relief valve? \_\_\_\_\_

**Piping**  
1. Type \_\_\_\_\_  
2. Size \_\_\_\_\_  
3. NSF and/or BOCA Code approved \_\_\_\_\_  
4. Depth of supply line \_\_\_\_\_

**Well data**  
1. Depth 260 ft.  
2. Yield 10 GPM  
3. Static water level 50 ft.  
4. Will water supply be disinfected by installer? YES

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Mark Brew  
Date: 12-20-93

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

C41 - 0587

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER

A 44724

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 10 27 93

Depth of Well grid: 240 (TO NEAREST FOOT)

PERMIT NO. grid: 44-92-0465

OWNER: Marsh... last name; first name; TOWN: Glencle; SUBDIVISION: LIN... SECTION: ... LOT: 2

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, FEET (FROM, TO), Check if water bearing. Rows include Topsoil, Br. mica, Tan mica, Gray mica, Tan mica, Gray mica, Flint, Gray mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 9 NO. OF POUNDS 750

CASING RECORD casing types insert appropriate code below ST CO PL OT STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) ST 1 37 70

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

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

DEPTH (nearest ft.) grid: H0 25 260; SLOT SIZE 1 2 3; DIAMETER OF SCREEN grid: 56 60

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"

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

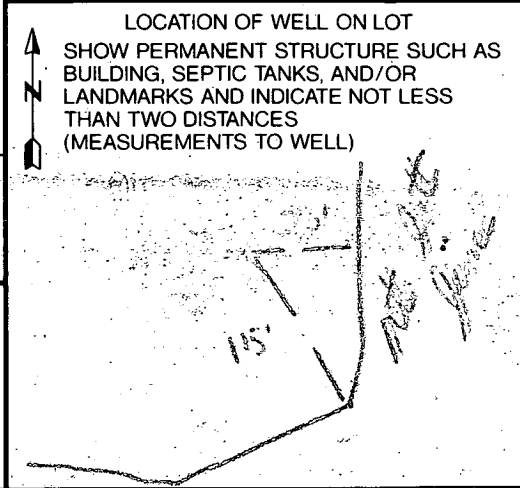
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 74 75 76; TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3; PUMPING RATE (gal. per min. to nearest gal.) 10; METHOD USED TO MEASURE PUMPING RATE; WATER LEVEL (distance from land surface) BEFORE PUMPING 16; WHEN PUMPING 97; 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 grid: 2 (nearest foot)



3/24/94

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

Final  
see OK  
below CBD

APPLICATION FOR PITLESS ADAPTER, WELL LINE PUMP AND PRESSURE TANK INSTALLATION

New Installation \_\_\_\_\_ Receipt # \_\_\_\_\_  
Replacement \_\_\_\_\_ Date \_\_\_\_\_

Name of Installer EASTENDAY Telephone \_\_\_\_\_

License Number \_\_\_\_\_  
Certified Well Pump Installer \_\_\_\_\_ Well Driller  Registered Plumber \_\_\_\_\_

Name of Property Owner \_\_\_\_\_ Telephone \_\_\_\_\_  
Subdivision LINTHICUM Lot # 2 Well Tag # HO -92 - 0465  
Site Address 4237 LINTHICUM RD.

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ GPM		
5. Pump exceeds well capacity Yes _____ No _____		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____		

<b>Tank</b>	<b>Piping</b>	<b>Well data</b>
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected by installer? _____

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: \_\_\_\_\_

Date: \_\_\_\_\_

3/24/94

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-215

Note: 3/24 Saw holes thru wall inside with Lester.  
Note 3/24 ok to cover as per inst. leave to inside. CBD  
CBD

**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

11/8/93

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

11/8/93

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

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
4. 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.

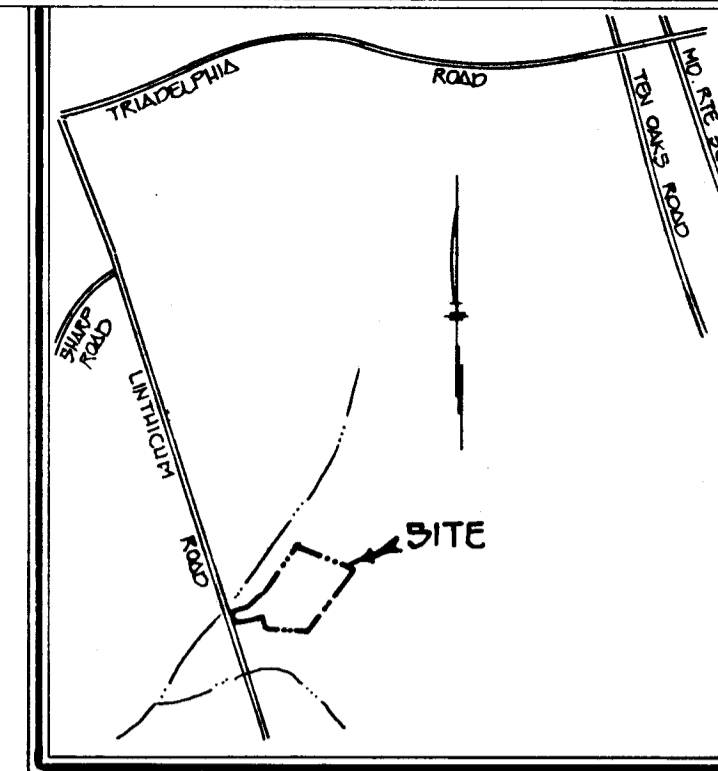
**SEEDING PREPARATION:** LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

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

**SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ.FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF KEEPING LOVEGRASS (.07 LBS/1000 SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROJECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500.

**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 218 GAL PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



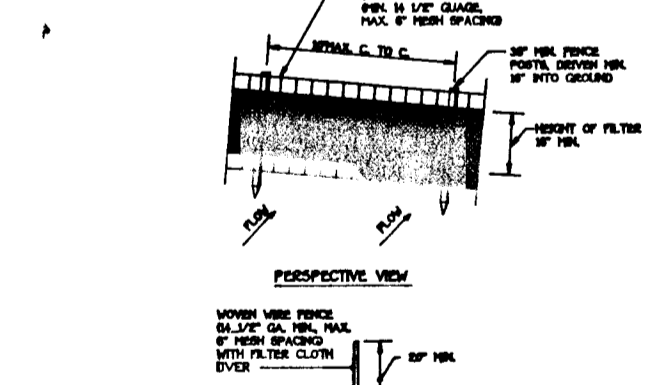
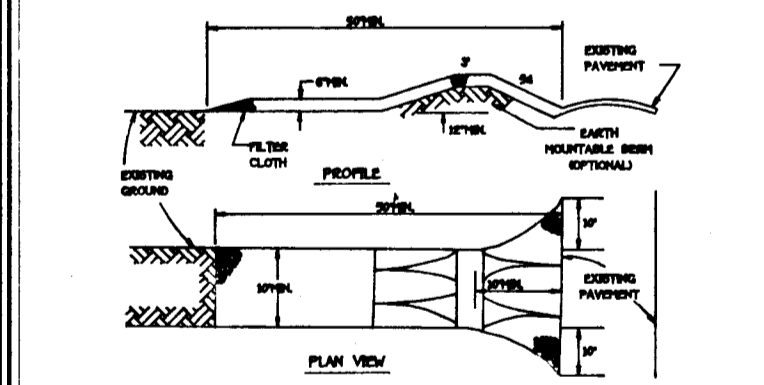
**VICINITY MAP**

SCALE: 1" = 100'

- SEDIMENT CONTROL NOTES**
1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (1992-2437).
  2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL GREATER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
  4. ALL SEDIMENT TRAPS/BASINS 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.
  5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 511.50D (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.
  6. 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.
  7. SITE ANALYSIS:
 

TOTAL AREA OF SITE	4.47	ACRES
AREA DISTURBED	0.70	ACRES
AREA TO BE ROOFED OR PAVED	0.33	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.37	ACRES
TOTAL CUT	-	CU.YDS.
TOTAL FILL	-	CU.YDS.
  8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
  9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
  10. 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.

- 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./1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 100 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE 0.15 LBS./1,000 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./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 80 LBS./ACRE (1.4 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROJECT 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 500. OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.
- MULCHING:** APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.
- MAINTENANCE:** INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.



- CONSTRUCTION SPECIFICATIONS**
1. STONE SIZE - USE # 20 OR EQUIVALENT OR RECYCLED CONCRETE AGGREGATE.
  2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 30 FEET EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
  3. THICKNESS - NOT LESS THAN 6 INCHES.
  4. WIDTH - TEN (10) FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE WADERS OR ROADS OCCUR.
  5. FILTER CLOTH - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REUSED ON A SINGLE FAMILY RESIDENCE LOT.
  6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE FENCED ACROSS THE ENTRANCE. IF FENCING IS IMPRACTICAL, A PORTABLE BUSH WITH 54 SLOPES WILL BE PERMITTED.
  7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND JOB CLEANUP TO ANY NEARBY USED TO TRAFFIC. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
  8. WADERS - WADERS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WADERS ARE REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND MULCH BEARING INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
  9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO POLE WITH WIRE WITH THIS OF STAPLES.
  2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH THIS SPACED EVERY 24" AT TOP AND MID SECTION.
  3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "MULCH" DEVELOPS IN THE SILT FENCE.

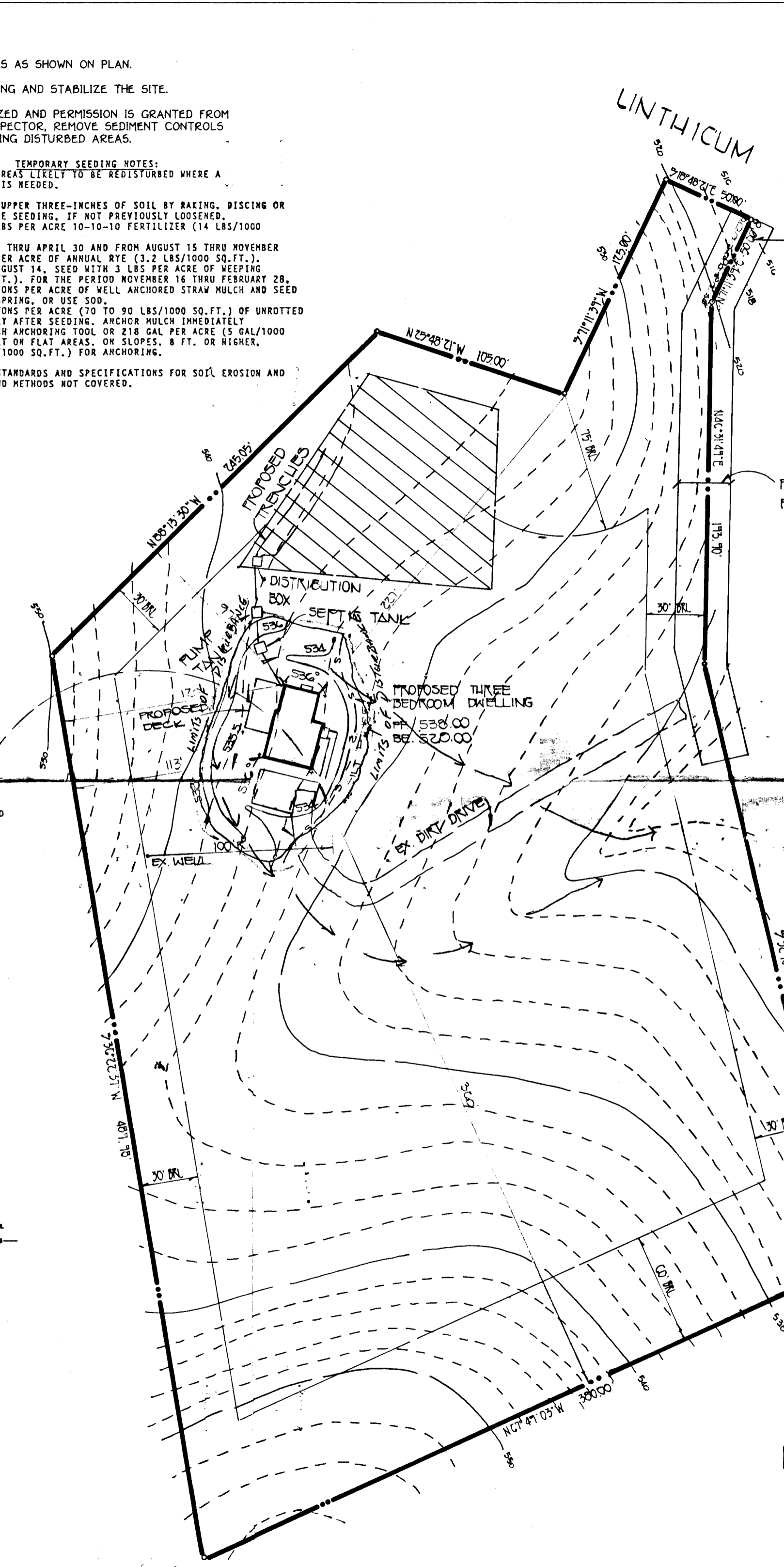
**STABILIZED CONSTRUCTION ENTRANCE - 2**

NOT TO SCALE

**SILT FENCE**

NOT TO SCALE

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 971 BALTIMORE NATIONAL PLE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461-2855

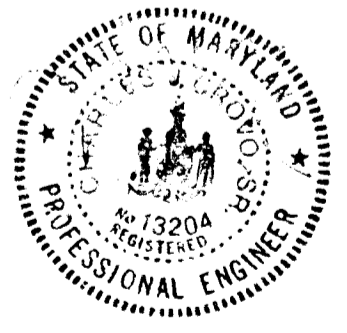


**GENERAL NOTES**

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPT. NO. A44724
2. PROPOSED 1750 GALLON SEPTIC TANK (MINIMUM)
3. A. FIRST FLOOR ELEVATION: 538.00  
 B. BASEMENT ELEVATION: 529.00  
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 531.0  
 D. INVERT AT SEPTIC TANK: 530.7  
 E. INVERT OUT AT SEPTIC TANK: 530.4  
 F. PROPOSED GRADE OVER SEPTIC TANK:  
 G. INVERT AT DISTRIBUTION BOX: 530.5  
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 530.0
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.

INVERT IN @ PUMP CHAMBER 530.2  
 INVERT OUT @ P. C. 529.9  
 PUMP CHAMBER = 1000 GAL TANK  
 MANHOLE REQ'D @ PUMP CHAMBER  
 MANHOLE REQ'D @ SEPTIC TANK  
 PUMP DETAIL REQ'D  
 BEFORE SEPTIC PERMIT

elevations of  
 BP 51409 3BR  
 12/1/93 MR



PLAN TO ACCOMPANY APPLICATION  
 FOR BUILDING PERMIT  
 LOT 2  
 HILDA Z. LINTHICUM SUBDIVISION

TAX MAP 22 ZONED R PARCELS 80  
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE 1" = 50' NOVEMBER 8, 1993

**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 11/23/93

---

**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 11/23/93

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 \_\_\_\_\_

**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 REGISTERED 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 500 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)

**SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15: SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF KEEPING LOVEGRASS (0.7 LBS/1000 SQ. 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 SO2.

**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 218 GAL PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT OR FLAT AREAS, ON SLOPES: 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

**SEDIMENT CONTROL NOTES**

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (892-2437).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RESTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 30 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERMITS SLOPES AND ALL GRADERS THAN 3% BY 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BERMS 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 PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 2) 500 (SEC. 2A) TEMPORARY SEEDING (SEC. 3) 500 AND MULCHING (SEC. 4) 500. 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 PROVISION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS**  
 TOTAL AREA OF SITE: 4.47 ACRES  
 AREA TO BE ROOFED OR PAVED: 0.03 ACRES  
 AREA TO BE VEGETATIVELY STABILIZED: 3.27 ACRES  
 TOTAL CUT: 0.03 CU.YDS.  
 TOTAL FILL: 0.03 CU.YDS.  
 OFFSITE WASTE/BORROW AREA LOCATION: \_\_\_\_\_ CU.YDS.  
 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 DPW 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.

**PERMANENT SEEDING NOTES**

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

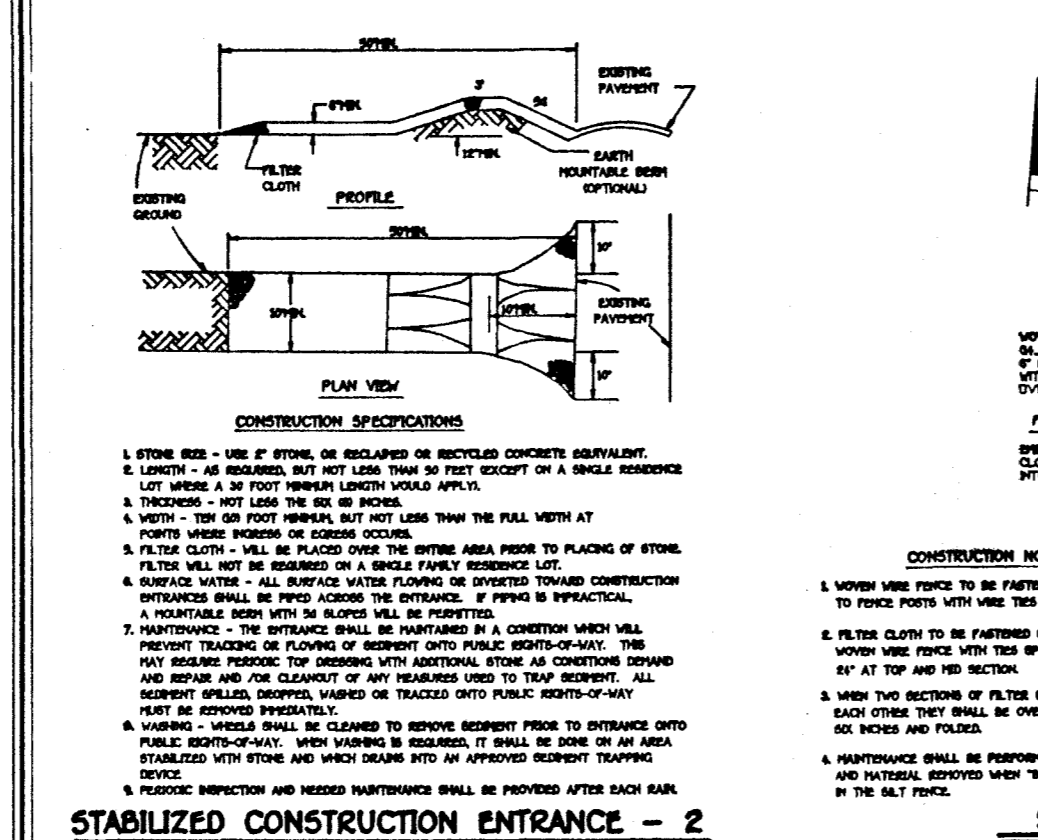
**SEEDING PREPARATION:** LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

**SOIL AMENDMENTS:** APPLY TWO TONS PER ACRE SOLICHTIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 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 10-10-10 FERTILIZER (14 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 (2.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 80 LBS/ACRE (1.9 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, PROJECT 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 SO2 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 (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 500 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

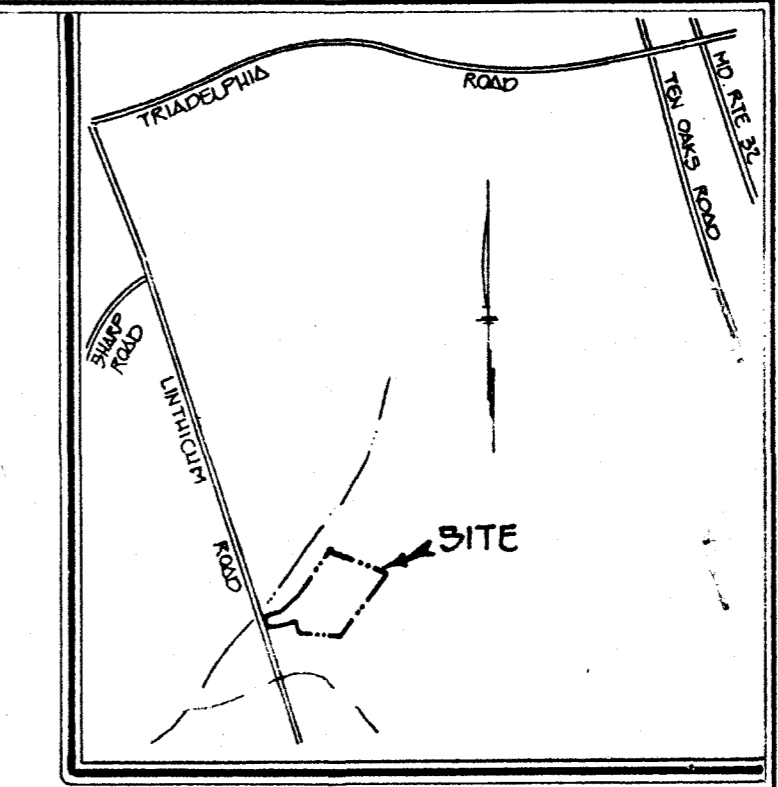
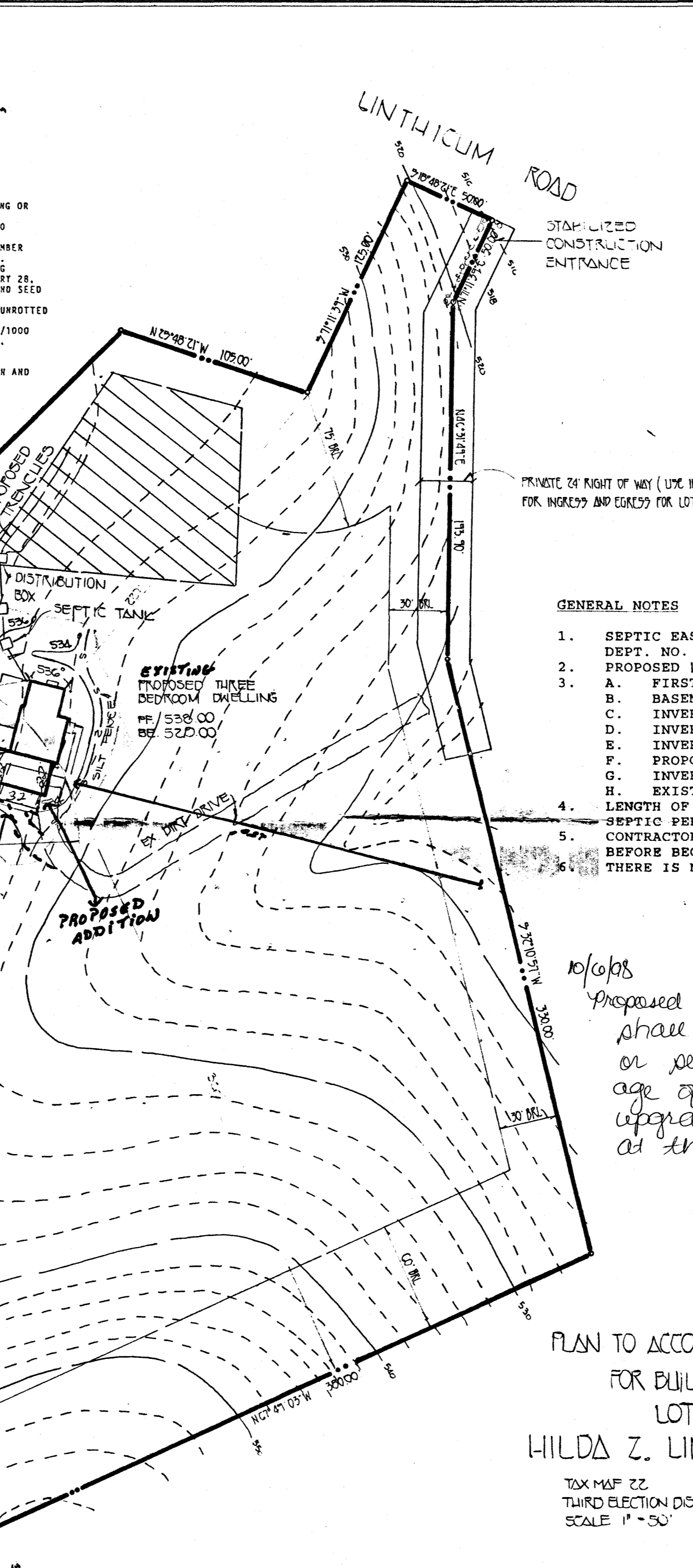
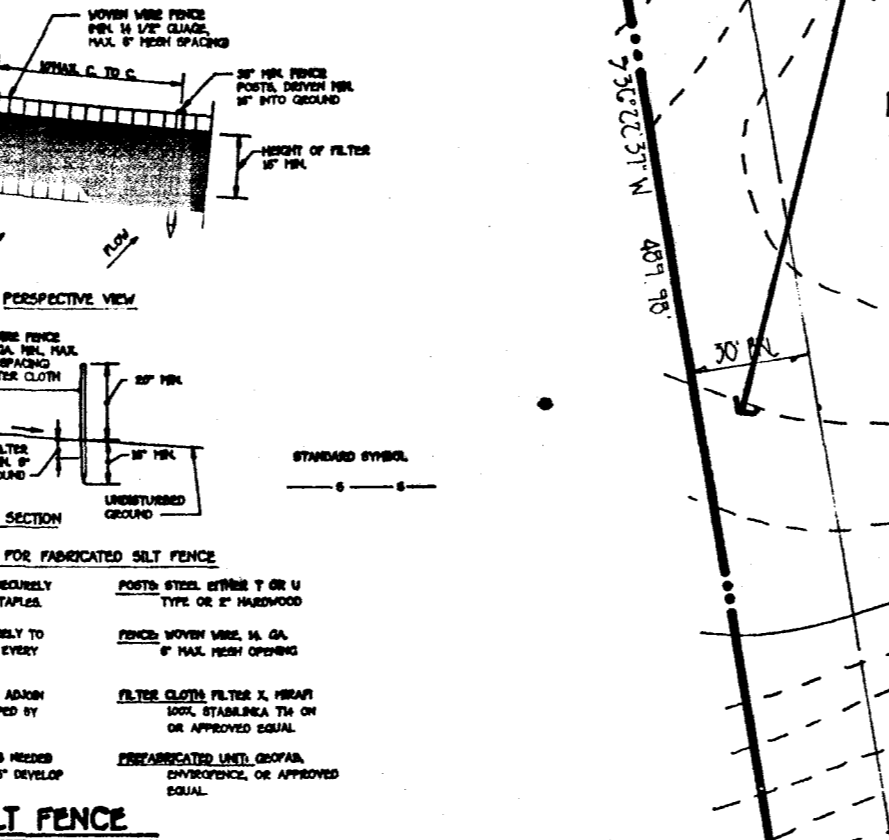
**MAINTENANCE:** INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.



**STABILIZED CONSTRUCTION ENTRANCE - 2**  
NOT TO SCALE

**SILT FENCE**  
NOT TO SCALE

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 971 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21114  
 (410) 461-2955



PRIVATE 24' RIGHT OF WAY (USE IN COMMON ACCESS AREAS) FOR INGRESS AND EGRESS FOR LOTS 1 AND 2

- GENERAL NOTES**
- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPT. NO.
  - PROPOSED 1200 GALLON SEPTIC TANK (MINIMUM).
  - A. FIRST FLOOR ELEVATION: 530.00  
 B. BASEMENT ELEVATION: 522.00  
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 531.0  
 D. INVERT AT SEPTIC TANK: 530.7  
 E. INVERT OUT AT SEPTIC TANK: 530.4  
 F. PROPOSED GRADE OVER SEPTIC TANK:  
 G. INVERT AT DISTRIBUTION BOX: 530.5  
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 530.0
  - 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.

10/0/98  
 Proposed addition as shown shall not impact existing well or septic system. Due to the age of the septic system, no upgrade shall be required at this line.



PLAN TO ACCOMPANY APPLICATION  
 FOR BUILDING PERMIT  
 LOT 2  
 HILDA Z. LINTHICUM SUBDIVISION

TAX MAP 22      ZONED R      PARCELS 80  
 THIRD ELECTION DISTRICT      HOWARD COUNTY, MARYLAND  
 SCALE 1" = 50'      NOVEMBER 8, 1993

August 15, 2000

DEPARTMENT OF PLANNING AND ZONING  
Division of Land Development

COMMENTS

RE: F-92-92, Hilda Z. Linthicum Subdivision, Section I, Lots 1-2

1. You must contact the Health Dept. prior to the submission of the originals and have them provide written verification that the wells are going to remain on the subject lots and they will not be conveyed.
2. Update all charts, tabulations and notes (revise the zoning category and date in note 8).
3. Provide house location surveys for both lots signed and sealed by a professional land surveyor. Add a note to the plat stating that there are existing houses on Lots 1 and 2, and add the following note on the plat, "No new buildings, extensions or additions to the existing dwellings are to be constructed at a distance less than the zoning regulations require."
4. You are advised that you may narrow the road frontage for Lot 2 to 20' if you wish to allow additional space for road frontage to Lot 1 in the event that it is subdivided in the future. If you elect to decrease the pipestem size for Lot 2, you will be required to widen the private access easement to abut Lot 2.
5. Complete all signatures and dates in the certificates.
6. All signatures on the plat shall be signed in indelible black ink.
7. Additional comments may be generated upon review of the original mylar.

9/13/00

In reference to comment #1 above -  
the existing wells shall remain on the subject  
lots as a result of the proposed change  
in lot configuration. This proposal shall  
not adversely impact existing well or septic  
T. Max Allen

