

12/27/01 PM  
12/27/01 PM

2/5/02 11 A.M.  
2/6/02 Follow Up Early PM

2/7/02 PM Follow Up  
3/18/02 Pump Test 11:00

ISSUE DATE:

P 516445 - D

APPROVAL DATE:

3/19/02

PERMIT  
INDEXED

A 58947-M

3/18/02 No go Elec.  
not complete (S)  
3/14/02 Alarm & Pump test OK (S)

ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

04-365380

Union Paving Company, Inc. IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 5977 Sandy Ridge Drive, 21075 PHONE NUMBER:

SUBDIVISION: Windridge Farm LOT NUMBER: 13

ADDRESS: 14562 Windridge Court PROPERTY OWNER: Hamilton Reed

SEPTIC TANK CAPACITY (GALLONS): 1250 (TOPSEAM)

PUMP CHAMBER CAPACITY (GALLONS): 1250 (TOPSEAM)

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 168+

BUILDING PERMIT SIGNED  
AND RETURNED

6-4-03 142 237- FINKH BASEMENT  
7-7-04 800149299 - Drek + PERCA

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Beginning from the intersection of the 182.02' and 210.60' lot line, begin trenches 50 feet off the 210.60' lot line and 115 feet off that same lot line. Run trenches on contour toward the back lot line.
NOTES:	Distribution box placement to be determined during layout. Contour uncertain.

PLANS APPROVED: Amy Mc Millen 6/21/01 OK (BA) DATE: 6-18-01

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

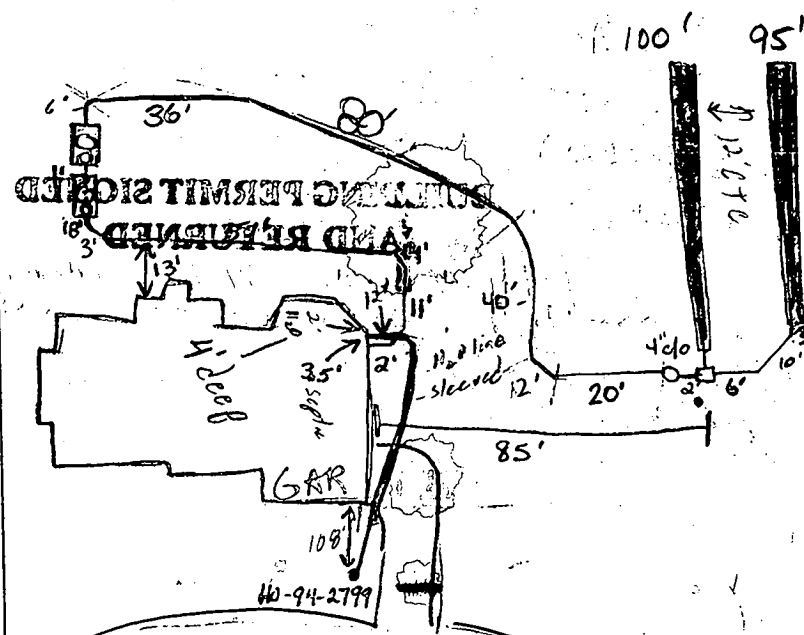
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

BUILDER WOULD LIKE TO ADJUST SDA TO ACCOMADATE ANOTHER GARAGE  
TOLD HIM HIS PROPOSED ADJUSTMENT WOULD BE OK, ASSUMING  
ANOTHER PERC HOLE IS DUG IN LOCATION (A) (DURING OR PRIOR TO  
SEPTIC INSPECTION) - THEN OFFICIAL APPROVAL MAY BE GRANTED - SRK

A58947-M

023041

12'CTL



TRENCH WIDTH 2  
TRENCH INLET DEPTH 3'  
TRENCH BOTTOM DEPTH 8'  
DEPTH OF STONE 5'  
NUMBER OF TRENCHES 2  
TOTAL TRENCH LENGTH 195  
ABSORBENT AREA 975 #  
DISTRIBUTION BOX LEVEL YES  
BAFFLE IN DISTRIBUTION BOX YES

SEPTIC TANK 1250 TS GALLONS  
MANHOLE RISER Center  
6 INCH INSPECTION PORT Yes-front

PUMP CHAMBER  
GALLONS 1250 TS.

MANHOLE RISER Center

ALARM Operational

PUMP PERFORMANCE TEST OK

WINDRIDGE CT.  
PRE-CONSTRUCTION INSPECTION: 12/13/01 - BUILDER CAME OUT W/ PLUMBING BELOW BASEMENT

FLOOR, THIS CONFLICTS W/ APPROVED PLAN; TANKS WILL BE 6' DEEP, THIS IS UNACCEPTABLE  
& PLUMBING OUT OF HOUSE MUST BE RAISED! -SRM

INSPECTION COMMENTS: 12/14/01 - T/C W BUILDER (STEVE FORNEY) LED FROM UNION

PAVING - OK TO SET TANKS DOWNHILL SOME BUT THERE CAN BE NO MORE THAN 3' OF COVER ON TOP OF THEM IF THERE WILL BE <sup>more than 3' OF COVER ON THE TOP OF</sup> THE PLUMBING WILL BE CHANGED

AS AGREED BY STEVE FORNEY. (SRK) 1/3/01 Explosives not used to put in tanks.

Gravel to be installed under tanks to level rocky tank holes. Septic easement revised because of rock. (BB) 2/5/02 2-trenches to be

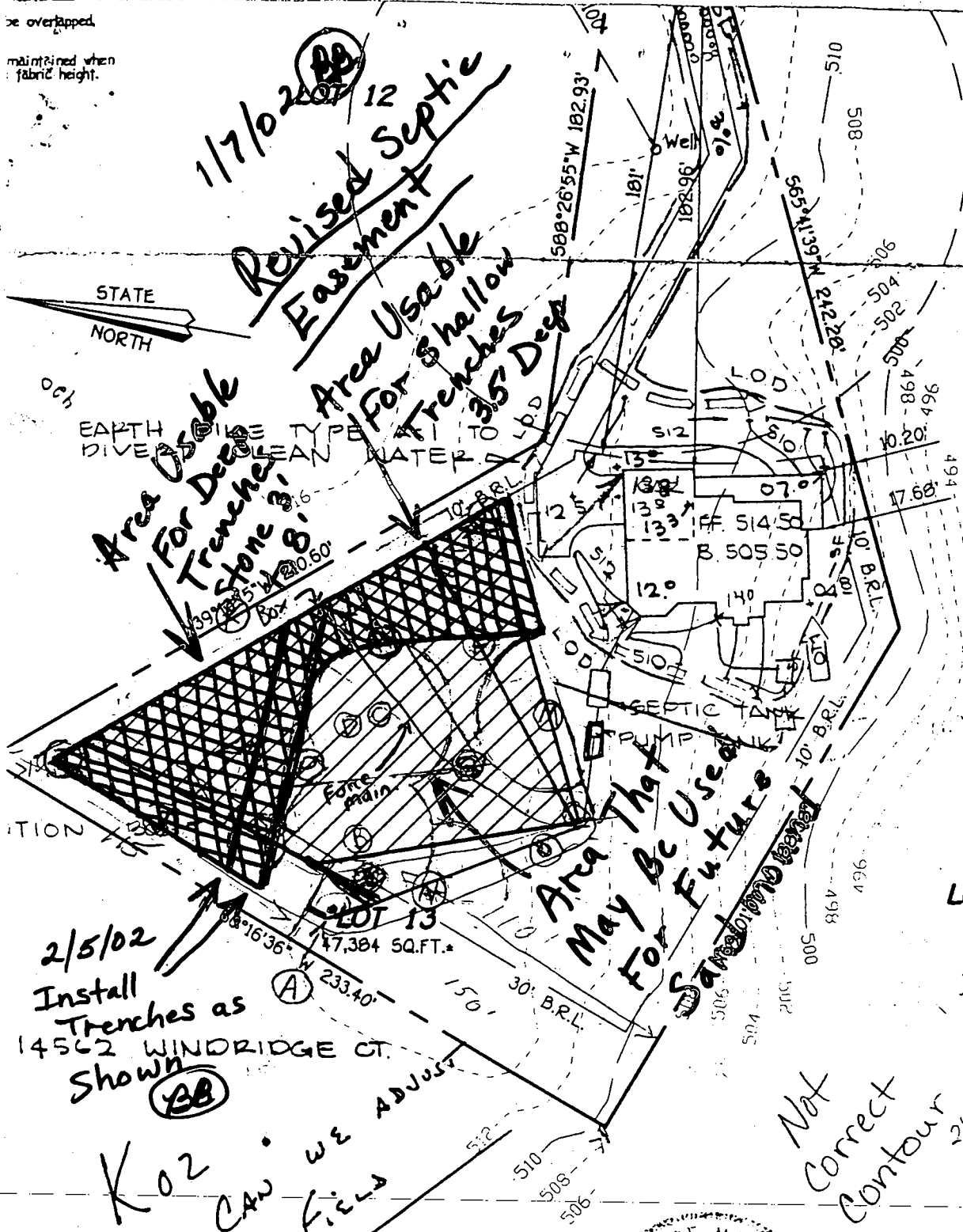
installed as shown on attached plan. To make maximum use of

INSPECTOR Tut Cld DATE SYSTEM APPROVED 3/14/02

area, minimum of 170' of trench. Eight feet edge to edge. (BB)

2/6/02 no one here. (2) 80' trench w/ stone, not enough long tho. Called office. Brian said to leave note on back hoe 2/6/02 Met Contr., told him to extend trenches @ 2/5/02 OK to cover all work. Pump & Alarm tests needed Kufso (over) ⇒

be overlapped.  
maintained when  
fabric height.



Driveway(s) shall be provided prior  
and emergency vehicles per the follo

Width- 12 feet (14 feet serving more  
Surface- 6 inches of compacted crus  
minimum).

Geometry- Maximum 15% grade, M  
radius.

Structures (culverts/bridges)- Capabl  
Drainage Elements- Capable of safer  
depth over driveway.

Structure Clearance- 12 feet minimum  
Maintenance- Sufficient to ensure all

LOT 14

To

30  
50  
10  
215  
210  
3'

GP (

PLAN TO ACCC  
FOR BU

WINDRI  
SECTIO

L



Not  
Correct  
Contour

Need  
revised  
EASEMENT

TAX MAP 21  
FOURTH ELECTION DIS  
SCALE: 1" = 50'

3525

Suite 41

C-6403

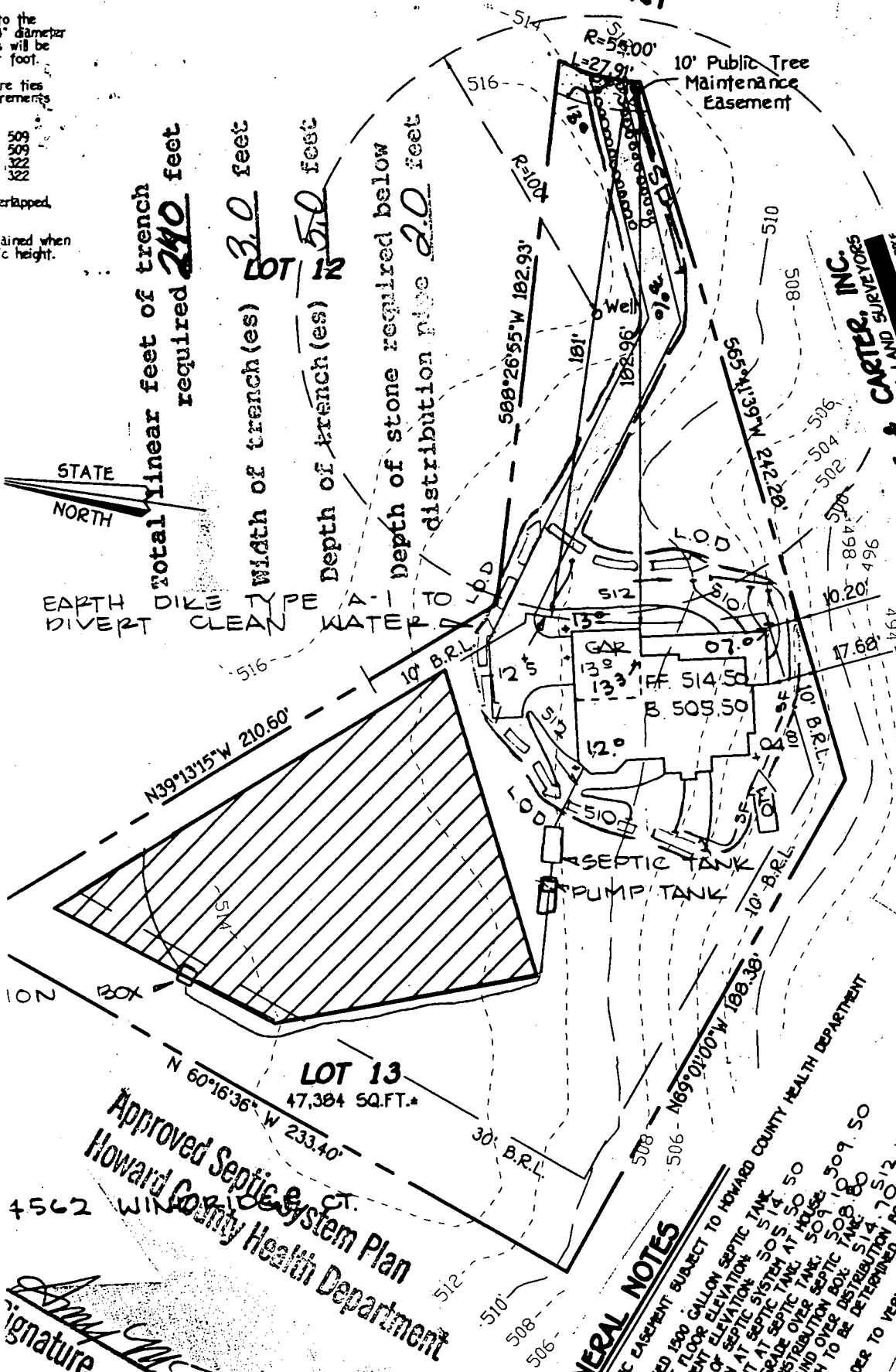
ed  
feet  
MD. 21043

to the  
diameter  
will be  
foot.  
ties  
ements  
509  
509  
322  
322  
erapped,  
ained when  
c height.

Total linear feet of trench required **240** feet  
Width of trench(es) **3.0** feet  
Depth of trench(es) **5.0** feet  
Depth of stone required below distribution pipe **2.0** feet



EARTH DIKE TYPE A - TO L.P.D.  
DIVER T CLEAN WATER



**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
1000 S. QUINCY ST. SUITE 100  
CHICAGO, ILL. 60605  
OFFICE PHONE - 1072  
FAX - 1072  
E-MAIL - FCS@FCSURV.COM

Driveway(s) shall be provided prior to re- and emergency vehicles per the following

- Width- 12 feet (14 feet serving more than Surface- 6 inches of compacted crusher n minimum).
- Geometry- Maximum 15% grade, Maxim radius.
- Structures (culverts/bridges)- Capable of Drainage Elements- Capable of safety pa depth over driveway.
- Structure Clearance- 12 feet minimum.
- Maintenance- Sufficient to ensure all wea

**LOT 13**  
47,384 SQ.FT.  
N 60°16'36" W 233.40'  
N 39°13'15" W 210.60'  
Approved Septic System Plan  
Howard County Health Department  
4562 WINDRID CT.  
Signature *[Signature]*  
Date *6/18/01*

**GENERAL NOTES**

1. SEPTIC TANK SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
2. PROPOSED 1200 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION 505.14
4. B. BASEMENT ELEVATION 504.50
5. C. INVERT OF SEPTIC TANK 504.50
6. D. INVERT IN AT SEPTIC TANK 504.50
7. E. PROPOSED IN AT SEPTIC TANK 504.50
8. F. INVERT OUT AT SEPTIC TANK 504.50
9. G. PROPOSED IN AT SEPTIC TANK 504.50
10. H. EXISTING GROUND OVER SEPTIC TANK 504.50
11. I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC TANK
12. J. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION



GP. O  
**PLAN TO ACCOM  
FOR BUIL  
WINDRID  
SECTION**

**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648**

**Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping**

**NOTE:** The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: CLARKE P+H INC Telephone #: 410-489-4029

Address: 3510 Ridge Rd  
Westminster, MD 21157

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): Ken Clarke License #: 3808

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Hamilton Reed Telephone #: 410-480-9196

Subdivision: Windridge Farms Lot #: 13 Well Tag #: HO-94-2799

Site Address: 14562 Windridge Ct

**Submersible Pump Data**

Make: Goulds

Model #: 58805422

Pump Capacity \_\_\_\_\_ GPM

Well Yield: 10 GPM

Depth of well encountered at time of pump installation: 185 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

**Pitless Adapter**

Make: Harvard

Model #: P-7-800

Depth: 12 (36" min)

NSF approved: \_\_\_\_\_

**Well Cap and Electric Conduit**

Two piece watertight cap: ☒

Screened, vented well cap: ☒

Cap secured to casing: ☒

Conduit min 18" B.G.: ☒

Conduit secured to well cap: ☒

**Piping to house**

Type: Plastic

PSI: 160 (160 psi min)

Depth of supply line: 12 (36" min)

**House Connection**

PVC sleeved to undisturbed soil at wall penetration: ☒

Approximate length of sleeve: 15'

Sleeve caulked and sealed properly: ☒

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Ken Clarke

date: 2-28-02

**For Health Department Use Only - Not to be completed by Installer**

Date Insp. Requested: \_\_\_\_\_

Date Insp. Approved: 2/21/02 (50) <sup>SR</sup>

Inspection Data: Pitless adapter and water supply line at least 36" below grade ☒

Two piece cap installed and attached to casing securely ☒

Elec. conduit extends at least 18" below grade/attached to cap properly ☒

Safety rope installed inside of well casing ☒

Correct well tag attached properly and casing 8" above finished grade ☒

Water supply line sleeved adequately at house connection ☒

Adequate grout observed below pitless adapter ☒

Noted H<sub>2</sub>O Line is 1.5' from septic house conn.

H<sub>2</sub>O Line is 4' deep (sleeved)

C 1	07888	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.	
					COUNTY NUMBER	13
DATE RECEIVED MM DD YY 8 13		DATE WELL COMPLETED MM DD YY 10 18 00		Depth of Well 22 185 26 (TO NEAREST FOOT)		
DATE RECEIVED MM DD YY 8 13		DATE WELL COMPLETED MM DD YY 10 18 00		PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-2799		

OWNER BRS DEVELOPERS  
STREET OR RFD WINDRIDGE FARMS CT TOWN GLENELG  
SUBDIVISION WINDRIDGE FARMS SECTION 13 LOT 13

**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		check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	11	
Sand Stone	11	25	
MICKA	15	40	
Sand Stone	40	45	
MICKA	45	160	
FLINT ROCK	160	165	
MICKA	165	185	

**GROUTING RECORD** yes ☒ no ☐  
WELL HAS BEEN GROUTED (Circle Appropriate Box) ☒ Y ☐ N  
TYPE OF GROUTING MATERIAL (Circle one)  
CEMENT ☒ BENTONITE CLAY ☐  
NO. OF BAGS 45 46 6 NO. OF POUNDS 45 46 600  
GALLONS OF WATER 66  
DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 19 ft.  
(enter 0 if from surface)

**CASING RECORD**  
casing types insert appropriate code below  
STEEL ☒ CONCRETE ☐  
PLASTIC ☐ OTHER ☐  
MAIN CASING TYPE PL  
Nominal diameter top (main) casing (nearest inch) 6  
Total depth of main casing (nearest foot) 21

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

**SCREEN RECORD**  
screen type or open hole ☒ ☐ ☐  
STEEL ☐ BRASS ☐ OPEN HOLE ☐  
BRONZE ☐ PLASTIC ☐ OTHER ☐  
insert appropriate code below

**C 3**

**PUMPING TEST**  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min.) 10  
METHOD USED TO MEASURE PUMPING RATE Brecht  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 45 ft.  
WHEN PUMPING 60 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

NUMBER OF UNSUCCESSFUL WELLS: 0

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 PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M 50117  
DRILLERS SIGNATURE [Signature]  
(MUST MATCH SIGNATURE ON APPLICATION)  
LIC. NO. D

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

**C 2**

DEPTH (nearest ft.)  
19 185

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_

DIAMETER OF SCREEN (NEAREST INCH)  
from \_\_\_\_\_ to \_\_\_\_\_

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

**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 9 (nearest foot)  
☐ - below }  
LOCATION OF WELL ON LOT  
SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

Hand 25  
new  
20  
10  
5  
0  
5  
10  
15  
20  
25  
30  
35  
40  
45  
50  
55  
60  
65  
70  
75  
80  
85  
90  
95  
100

B 1 <b>18645</b> <small>1 2 3 6</small>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL <i>W51367</i> please print or type	STATE PERMIT NUMBER <b>Ho - 94 - 2799</b> <small>70 fill in this form completely 79</small>
Date Received (APA) <small>8 MM DD YY 13</small> <b>BNS Developments LLC</b> <small>15 Last Name 34 First Name</small> <b>8808 Center Park Dr. Suite 209</b> <small>36 Street or RFD 55</small> <b>Columbia MD 21045</b> <small>57 Town 70 State 72 Zip 76</small>		B 3 <b>Howard</b> LOCATION OF WELL <small>8 COUNTY 21</small> <b>WINDRIDGE FARMS</b> <small>23 SUBDIVISION 42</small> SECTION <b>2</b> LOT <b>813</b> <small>44 46 48 50</small> <b>GLENELG</b> <small>52 NEAREST TOWN 71</small> MILES FROM TOWN (enter 0 if in town) <b>I</b> <small>73 M I 76 77 78</small>	
DRILLER INFORMATION <b>Ralph Mayne</b> <b>M S D 116</b> <small>Driller's Name 76 License No. 81</small> <b>Ralph Mayne Well Drilling</b> <small>Firm Name</small> <b>9120 Brown Church Rd. Mt Airy</b> <small>Address</small> <b>Ralph Mayne 7-5-00</b> <small>Signature Date</small>		B 4 <b>WINDRIDGE CT.</b> <small>11 NEAR WHAT ROAD 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <small>34 75 37</small> DISTANCE FROM ROAD <b>75</b> <small>ENTER FT OR MI 38 39</small> TAX MAP: _____ BLK: _____ PARCEL: _____	
B 2 <b>WELL INFORMATION</b> <small>1 2</small> APPROX. PUMPING RATE (GAL. PER MIN.) <b>5</b> <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <b>500</b> <small>14 20</small>		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> GEO-THERMAL		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <b>Howard</b> <b>13</b> <small>COUNTY NAME COUNTY NO.</small> STATE SIGNATURE _____ INSERT S → DATE ISSUED <b>08 08 00</b> <b>C. Williams</b> <b>8/7/01</b> <small>43 MM DD YY 48 CO SIGNATURE EXP. DATE</small> NORTH GRID <b>520</b> <b>000</b> EAST GRID <b>0790</b> <b>000</b> <small>50 55 57 63</small>	
APPROXIMATE DEPTH OF WELL <b>150</b> FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL <b>6"</b> NEAREST INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <b>well</b> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE: E <b>750</b> N <b>520</b> 000 000	
METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) 30 <b>CABLE</b> <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT 37 other _____		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 DEEPEMED 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 _____ GAP _____ 63 PERMIT No. <b>Ho - 94 - 2799</b> <small>70 71 72 73 74 75 76 77 78 79</small>			
SPECIAL CONDITIONS <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small>			

ZONED 'RR'  
TREES

512

514

S 85°59'26" W 518.67'

311.74'

LOT 12

60

S 15°50'05" E 152.21'

10,000 SQ FT  
SEPTIC AREA

10,000 SQ FT  
SEPTIC AREA

S 39°13'15" E 210.60'

S 20°59'00" W 233.40'

NOTE: WELL AND SEPTIC NOT LOCATABLE  
ON THIS LOT

LOT 13

ROCK  
OUTCROP

ROCK  
OUTCROP

3°51'55" E 95.93'

N 88°26'55" E 182.93'

WELL  
SITE OK

242.28'

N 65°41'39" E

S 1°16'00" E

N 65°41'39" E 182.31'

R=25.00'  
L=24.38'

R=25.00'  
L=24.33'

L=24.33'

L=24.33'

L=24.33'

L=24.33'

L=24.33'

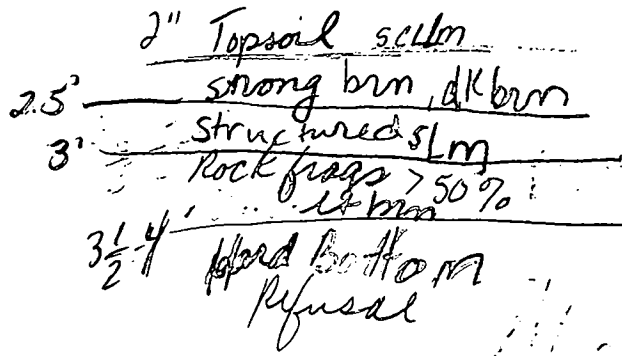
L=24.33'

L=24.33'



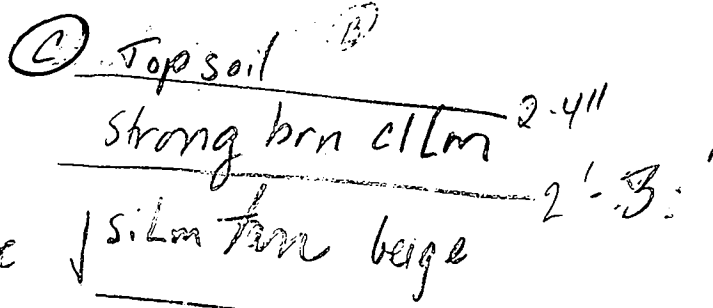
bluish  
grey  
mica  
schist

# Soil Profile (A)

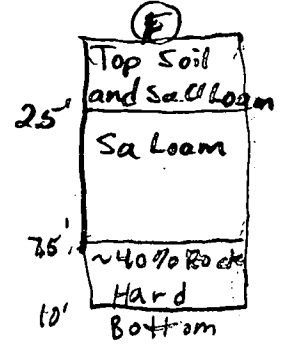


(B) same as (A) but some more clay above 3'

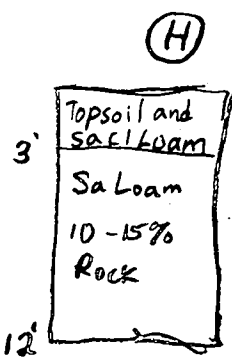
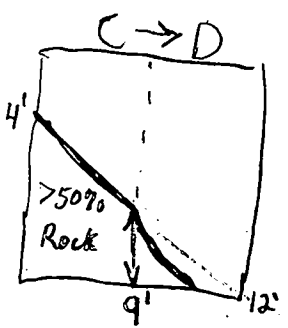
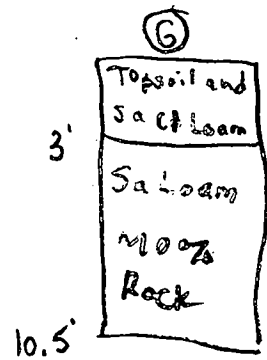
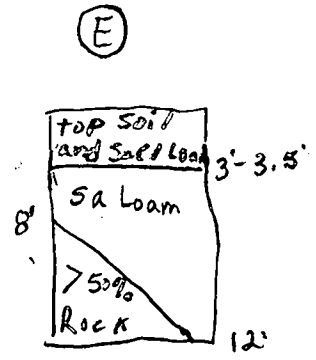
House



a vertically oriented boulder on south side of hole



3' 15"  
5' excessive Rock frags > 50%  
N  
Hard Bottom 10'  
Refusal



# APPLICATION

PERCOLATION TESTING

A 589476

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT 04

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER RAY + JANE Cabbage

ADDRESS 14564 Dorsey Mill Rd Glenely MD 21738 PHONE 410 489 7017

AGENT OR PROSPECTIVE BUYER SUSQUEHANNA LAND Holding Co

ADDRESS 1814 Hyman LA Crofton MD 21114 PHONE 410 451 3916

PROPERTY LOCATION:

SUBDIVISION Cabbage Sub LOT NO. 7 (5)

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 21 PARCEL # 31

SIZE OF LOT 1+ AC. TYPE BLDG. 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.

[Signature]  
(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

589476  
COUNTY #

SOIL PROFILE

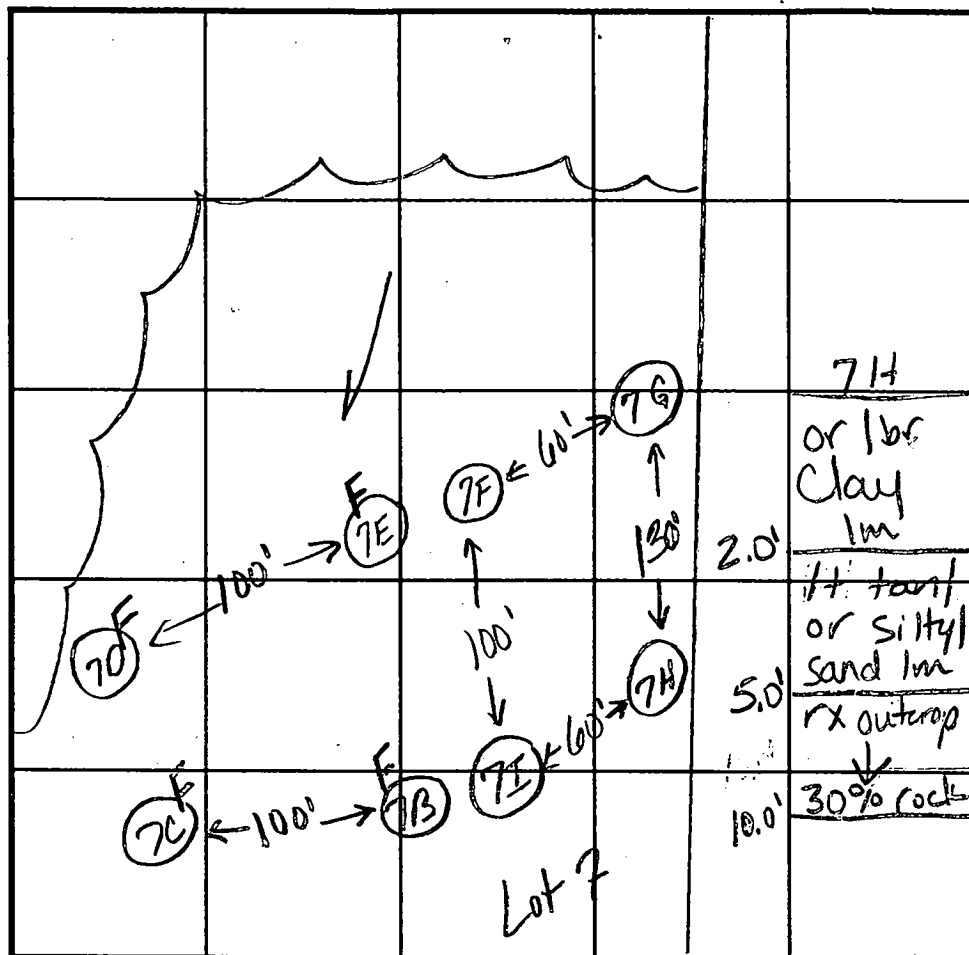
0'  
greater than 50% rock outcrop  
↓  
HARD BOTTOM  
3.0'

7B+7D+7E

Same as test hole # 7C

7F

2.0'  
orange/brown clay 1m  
1+ tan/orange silty sand 1m  
lean 20% shale frags  
11.0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 7G:  
or/br clay 1m  
2.0'S  
1+ tan/orange silty sand 1m  
6.0'  
rock outcrop  
7.0'  
150% rock frags  
11.0'  
7E  
or/br clay 1m  
2.0'  
1+ tan/orange silty sand 1m  
11.0'  
20% rock frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-7-97	7B	FAILED	DUE TO ROCK				F
	7C	FAILED	DUE TO ROCK				F
	7D	FAILED	DUE TO ROCK				F
	7E	FAILED	DUE TO ROCK				F
	7F	2.0'S	12:17	12:20:30	12:20:30	12:23	2:30
	7G	11.0'D	visual ok-see profile				
	7H	3.0'S	12:17	12:18	12:18	12:19:30	1:30
	7I	11.0'D	visual ok-see profile				
	7J	3.0'S	12:32:40	12:33:30	12:33:30	12:34:30	1min
		7.0'S	12:32	12:33	12:33	12:34:30	1:30

REMARKS 7H visual only - ok see profile

TYPE OF SOIL

TESTED BY Kim Maiste/Kim Soe

ALSO PRESENT Hugo + Jeff

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 1-2 minutes

TRENCH WIDTH 3

INLET DEPTH 2

MAXIMUM BOTTOM DEPTH 4

SQ. FT./BEDROOM 180

COUNTY #

SOIL PROFILE

Top Soil - granular  
and Cl  
Loam

Beige  
SAND  
10%  
Rock  
with  
Pockets  
of 20-30%  
Rock

~30% Rock

Top Soil &  
granular  
SCL Lm  
org brn  
tan

lt tan  
beige  
sand

Rx ~10%

Pocket  
of ~30%  
Rock

Bottom

Top Soil  
and Sa Cl Loam

Tan Sa  
Loam  
~10%  
Rock

SOIL PROFILE

Top Soil  
and Sa  
Cl Loam

Tan Sa  
Loam

~15%  
Rock

Pockets of  
40-50% Rock

100  
Chimney  
78 Corner

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

WOODS

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/28/01	I	4 1/2' - 5'	12:41 <sup>14</sup>	12:44 <sup>14</sup>	12:44 <sup>14</sup>	12:50 <sup>30</sup>	6 min
		12' Bottom					
	J	3'	1:13:30	1:22:30	1:22:30	1:38:30	16
		12' Bottom					
	K	12' V					
	L	11' V					
	M	>50% Rock at 2', 5'	Visual				F
	N	>50% Rock at 2', 3'	Visual				F
	O	>50% Rock 6.5', 9'	Visual				

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

SQ. FT./BEDROOM

### SOIL PROFILE

Red Br  
and Or  
Br Sa  
Cl Loam

Or Br  
SäLoam  
15-20%  
Rock

## SOIL PROFILE


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

[illegible]

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME	TRENCH WIDTH
--	--------------

INLET DEPTH	MAXIMUM BOTTOM DEPTH	SQ FT/BEDROOM

NAD '83  
STATE  
NORTH

F-00-178

N 177622.5570  
Metric  
N 582750  
E 1306250  
E 398145.7963  
(Meters)

N05°59'26"E 311.74'

LOT 12  
46,460 SQ.FT.

N39°13'15"W 210.60'

37

Stone  
Found Held

E 1306000  
398069.6002  
Metric

N20°59'00"E 233.40'

WINDRIDGE  
COURT

R=25.00'  
L=24.33'

502°28'29"E  
40.00'  
MATCH LINE  
ONLY NOT A  
LOT LINE

R=25.00'  
L=24.33'

R=25.00'  
L=9.00'

10' Public  
Maintenar.  
Easement

10' Public Tree  
Maintenance  
Easement

B.R.L.

R=55.00'  
L=27.91'

L=279.86'  
L=31.62'

L=30.39'

588°26'55"W 182.93'

101'

S65°41'39"W 242.28'

B.R.L.

PLAT 6

LOT 13  
47,384 SQ.FT.

N69°01'00"W 188.38'  
142.48'

LOT  
47,525 S

B.R.L.

N69°01'00"W  
15.90'

N20°59'00"E 125.02'

B.R.L.

Y SMITH  
651

K:\Drawings 6\61380 Windridge-Hamilton-Red\LOT PLAN\61380 plot plan lot 13.dwg Fri Mar 09 14:56:22 2001

**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.

03-12-01  
DATE

SIGNATURE OF ENGINEER

**DEVELOPER'S CERTIFICATE**

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT 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.

03-12-01  
DATE

SIGNATURE OF DEVELOPER

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

03/27/01  
DATE

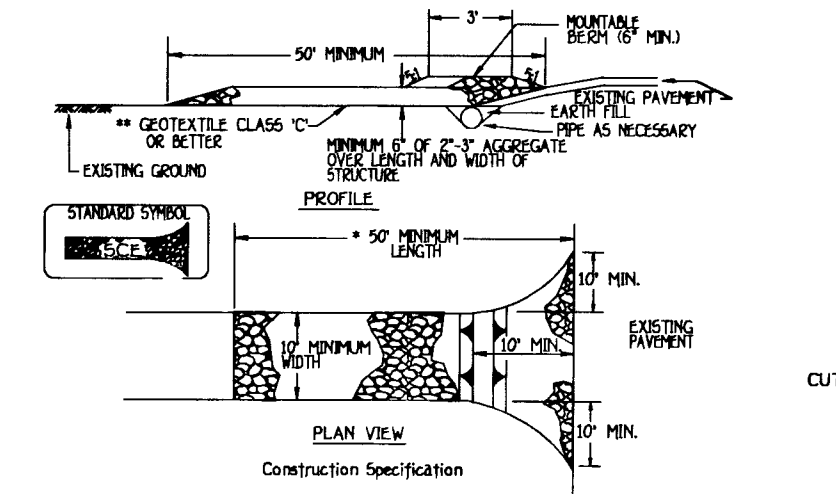
U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE

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

03/27/01  
DATE

HOWARD SOIL CONSERVATION DISTRICT

- 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 (833-1893).
  - 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 THEREOF.
  - FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1. BY 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. 30), SOIL COVERING (SEC. 31), TEMPORARY SEEDING (SEC. 32), AND MULCHING (SEC. 33). TEMPORARY STABILIZATION 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 1.09 ACRES
    - AREA DISTURBED 2.1 AC
    - AREA TO BE ROOFED OR PAVED 0.14 AC
    - AREA TO BE VEGETATIVELY STABILIZED 0.12 AC
    - TOTAL CUT 500 CU.YD.
    - TOTAL FILL 500 CU.YD.
    - OFFSITE WASTE/BORROW AREA LOCATION CLYDE.
  - 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 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.



- Length - minimum of 50' (+30' 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 positive maintaining entrance. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 3:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the pipe is sized 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.

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 1722 BALDWIN NATIONAL PLE  
ELICOTT CITY, MARYLAND 21042  
(410) 481-2955

**SEQUENCE OF CONSTRUCTION**

- Obtain grading permit.
- Install sediment controls as shown on plan (day 1).
- Perform necessary grading and stabilize the site (2 days).
- Construct dwelling on site (90 days).
- 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 redistributed where a short-term vegetative cover is needed.

**SEEDING PREPARATION**

Loosen upper three inches of soil by raking, dicing or other acceptable means before seeding, if not previously loosened.

**SOIL AMENDMENTS**

Apply 600 lbs. per acre 10-10-10 fertilizer (4 lbs./1,000 Sq. Ft.)

**SEEDING**

For the periods March 1 through April 30, and August 15 through November 15, seed with 1-1/2 bushels per acre (1/2 lb./1,000 Sq. Ft.) for the period May 1 thru August 14. Seed with 3 lbs./acre of weeping lovegrass (0.7 lbs./1,000 Sq. Ft.). For the period November 15 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 sod.

**MULCHING**

Apply 1-1/2 to 2 tons per acre (70 to 90 lbs./1,000 Sq. Ft.) of unrattled 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 6 feet or higher, use 348 gallons per acre (34.8 gal./1,000 Sq. Ft.) for anchoring.

Refer to the 1996 Maryland Standards and Specifications 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, dicing or other acceptable means before seeding.

**SOIL AMENDMENTS**

Apply two tons per acre Dolomitic Lime Stone (92 lbs./1,000 Sq. Ft.) and 600 lbs. per acre 0-20-20 fertilizer (4 lbs./1,000 Sq. Ft.) before seeding or dicing. Into upper three inches of soil. At time of seeding, apply 400 lbs. per acre 36-0-0 ureaform fertilizer (4 lbs./1,000 Sq. Ft.) and 500 lbs. per acre 0-15-15 lbs./1,000 Sq. Ft.) of 0-20-20 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 60 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 (2) - two tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or Option (3) - use sod. 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 unrattled 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 6 feet or higher, use 348 gallons per acre (34.8 gal./1,000 Sq. Ft.) for anchoring.

**MAINTENANCE**

Inspect all seeded areas and make needed repairs, replacements and reseedings.

\* For public ponds substitute Charming Crownvetch 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.

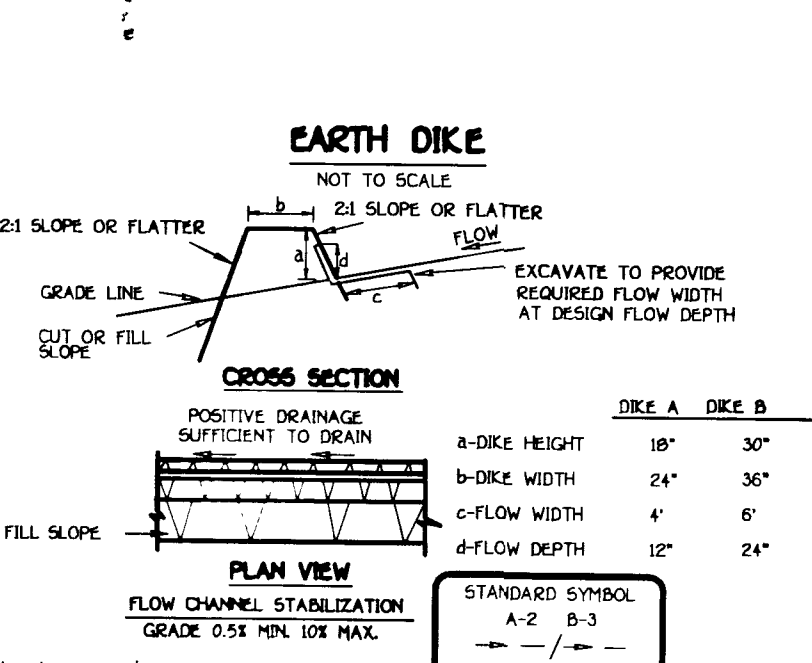
**TOPSOIL SPECIFICATIONS** - Soil to be used as topsoil must meet the following:

- Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting texture subsoil and shall contain less than 3% by volume of cinders, stones, clots, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1-1/2" in diameter.
- Topsoil must be free of plants or plant parts such as Bermuda Grass, Quackgrass, Johnson grass, Nutgrass, Poison Ivy, Thistle, or others as specified.

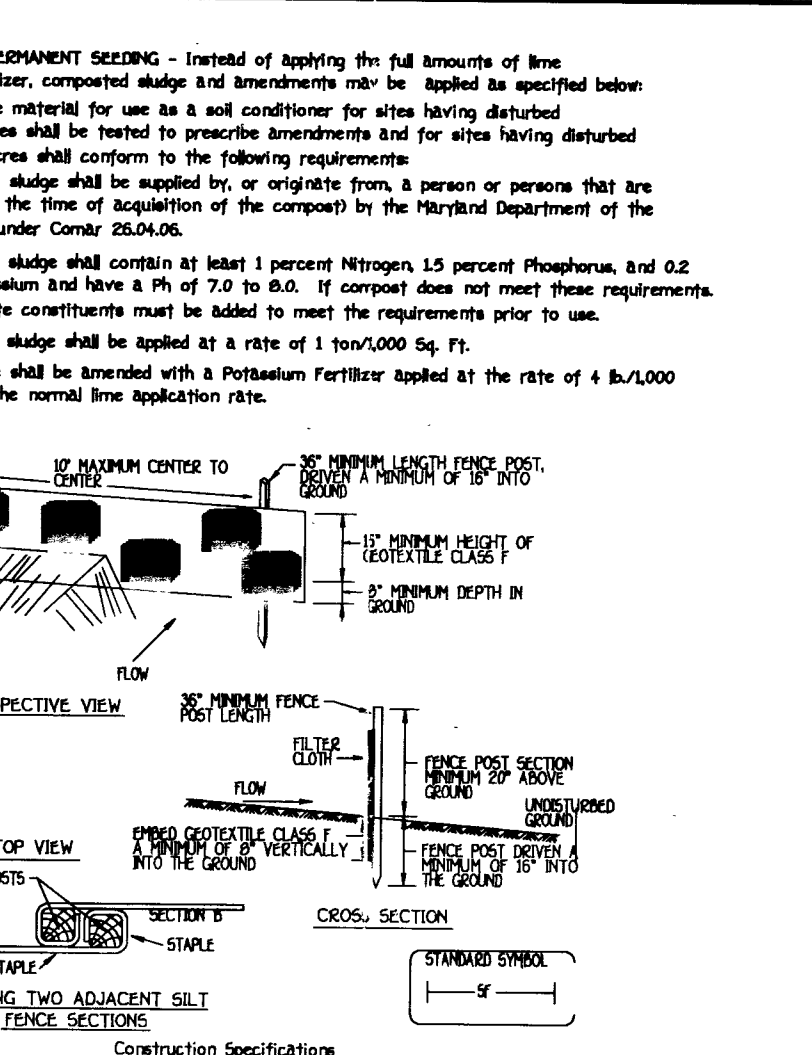
Where the topsoil is either highly acidic or composed of heavy clay, ground limestone shall be spread at the rate of 4-6 tons/acre (200-400 pounds/1,000 Sq. Ft.) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.

For sites having disturbed areas under 5 acres:

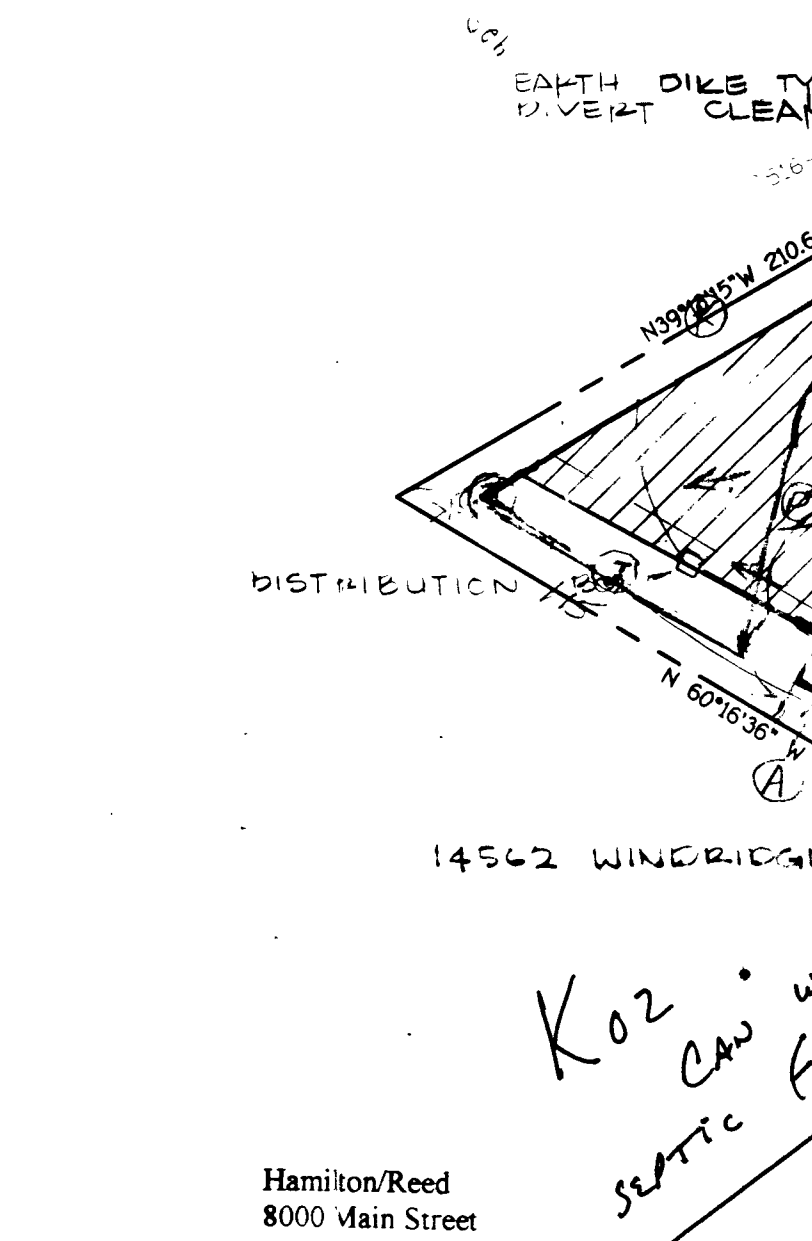
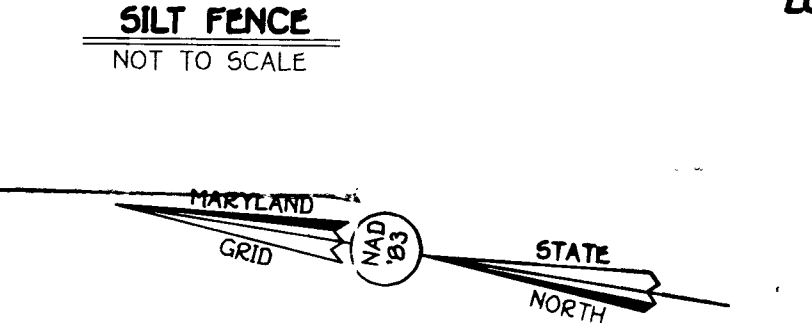
Place topsoil (if required) and apply soil amendments as specified in 200 vegetative stabilization - Section 1 - Vegetative Stabilization Methods and Materials.



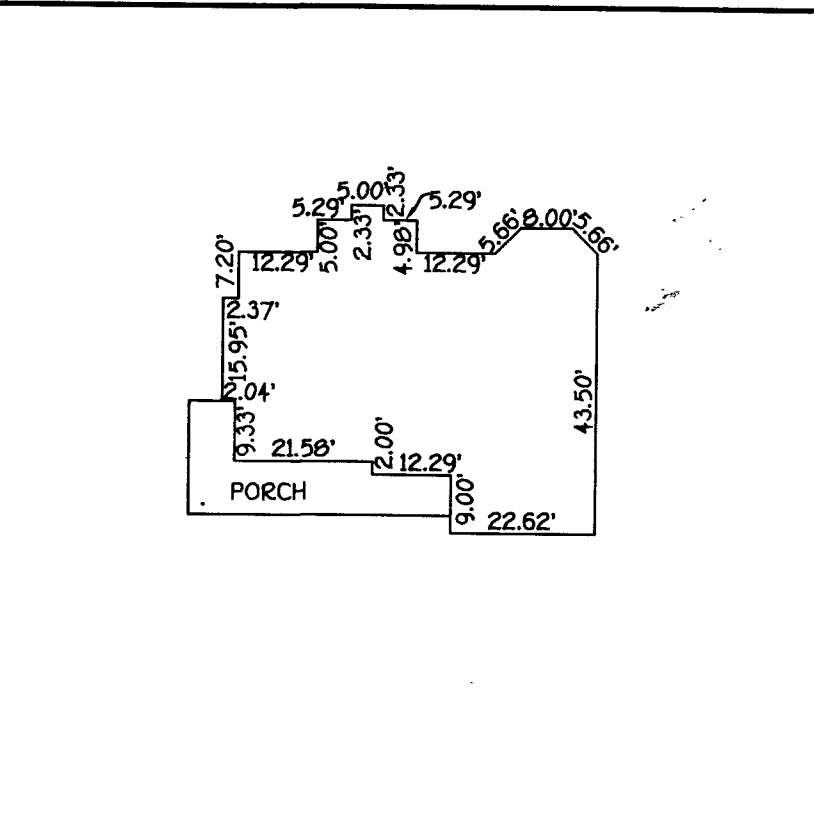
- Seed and cover with straw mulch.
  - Seed and cover with Erosion Control Matting or line with sod.
  - 4" - 7" stone or recycled concrete equivalent pressed into the soil 7" minimum.
- Construction Specifications**
- All temporary earth dikes shall have uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1%.
  - Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.
  - Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity.
  - All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the dike.
  - The dike shall be excavated or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
  - Fill shall be compacted by earth moving equipment.
  - All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.
  - Inspection and maintenance must be provided periodically and after each rain event.



- Construction Specifications**
- 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 100 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)
    - Tensile Modulus 20 lbs/in (min)
    - Flow Rate 0.5 gal ft<sup>2</sup>/minute (max)
    - Filtering Efficiency 75% (min)
    - Test: MMT 509
    - Test: MMT 509
    - Test: MMT 322
    - Test: MMT 322
  - 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.



Hamilton/Reed  
8000 Main Street  
Ellicott City, MD. 21043



**VICINITY MAP**  
SCALE: 1"=420'

- GENERAL NOTES**
- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
  - PROPOSED 1500 GALLON SEPTIC TANK:
    - A. FIRST FLOOR ELEVATION: 514.50
    - B. BASEMENT ELEVATION: 505.50
    - C. INVERT OF SEPTIC SYSTEM AT HOUSE: 509.50
    - D. INVERT AT SEPTIC TANK: 509.80
    - E. INVERT OUT AT SEPTIC TANK: 512.10
    - F. PROPOSED GRADE OVER SEPTIC TANK: 514.70
    - G. INVERT AT DISTRIBUTION BOX: 514.70
    - H. EXISTING GROUND OVER DISTRIBUTION BOX: 511.70
  - LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
  - CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

- Driveway(s) shall be provided prior to residential occupancy to ensure safe access for fire and emergency vehicles per the following minimum requirements:
- Width- 12 feet (14 feet serving more than one residence).
  - Surface- 6 inches of compacted crusher run base with tar and chip coating (1 1/2 inch minimum).
  - Geometry- Maximum 15% grade, Maximum 10% grade change and 45 foot turning radius.
  - Structures (culverts/bridges)- Capable of supporting 25 gross vehicles tons.
  - Drainage Elements- Capable of safely passing 100-year flood with no more than 1-foot depth over driveway.
  - Structure Clearance- 12 feet minimum.
  - Maintenance- Sufficient to ensure all weather use.

LOT 14

Tom Kozlowski  
410/984-0349

GP 1-149

PLAN TO ACCOMPANY APPLICATION  
FOR BUILDING PERMIT  
**WINDRIDGE FARMS**  
SECTION 2, AREA 2

LOT 13

TAX MAP 21  
FOURTH ELECTION DISTRICT  
SCALE: 1" = 50'

PARCEL 31  
HOWARD COUNTY, MARYLAND  
DATE: MAY 30, 2001

3525  
Suite 4

C-6403



HOWARD COUNTY  
PERMIT APPLICATION

PERMIT NUMBER

1300149299

Building Address 14562 Windridge Ct  
Glenwood, Md 21738

Suite/Apt. #: \_\_\_\_\_ SDP/WP/Petition #: \_\_\_\_\_

Census Tract 604002 Subdivision North Star Farm

Section 2 Area 2 Lot 13

Tax Map 21 Parcel 31 Grid 17

Zoning RD20F0 Map Coordinates 980 Lot size \_\_\_\_\_

Existing Use SFD

Proposed Use SFD Screen Porch/Deck

Estimated Construction Cost \$ 10,000

Description of Work 16'x16' Screen Porch

16'x17' Deck with Stair To Grade

Occupant or Tenant Same as Owner

Contact Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Property Owner's Name Mr. Todd Steinberg

Address 14562 Windridge Ct

City Glenwood State Md Zip Code 21738

Home Phone 410-424-4960 Work Phone \_\_\_\_\_

Applicant's Name & Mailing Address, (if other than stated hereon) \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Contractor Company Handwriting by Dave

Contact Person David Gooding

Address 6030 Daybreak Circle

City Chicksville State Md Zip Code 21627

License No. 37703

Phone 410-555-0427 Fax \_\_\_\_\_

Engineer or Architect Company \_\_\_\_\_

Contact Person \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

BUILDING DESCRIPTION - COMMERCIAL

Building Characteristics

Height: \_\_\_\_\_

No. of stories: \_\_\_\_\_

Gross area, sq. ft. per floor: \_\_\_\_\_

Use group: \_\_\_\_\_

Construction type:

☐ Reinforced Concrete

☐ Structural Steel

☐ Masonry

☐ Wood Frame

☐ State Certified Modular

Utilities

Water Supply:

☐ Public

☐ Private

Sewage Disposal:

☐ Public

☐ Private

Electric Yes ☐ No ☐

Gas Yes ☐ No ☐

Heating System:

Electric ☐ Oil ☐

Natural Gas ☐

Propane Gas ☐

Sprinkler system: N/A ☐

☐ Full

☐ Partial

☐ Other Suppression

# of Heads \_\_\_\_\_

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics

SF Dwelling ☐ SF Townhouse ☐

Depth Width

1st floor: \_\_\_\_\_

2nd floor: \_\_\_\_\_

Basement: \_\_\_\_\_

Finished Basement ☐ Unfinished Basement ☐

Crawl space ☐ Slab on Grade ☐

No. of Bedrooms: \_\_\_\_\_

Multi-family dwellings:

No. of efficiency units: \_\_\_\_\_

No. of 1 BR units: \_\_\_\_\_

No. of 2 BR units: \_\_\_\_\_

No. of 3 BR units: \_\_\_\_\_

Other Structure: \_\_\_\_\_

Dimensions: \_\_\_\_\_

Footings: 256 2'

Roof: \_\_\_\_\_

☐ State Certified Modular

☐ Manufactured Home

Utilities

Water Supply:

☐ Public

☒ Private

Sewage Disposal:

☐ Public

☒ Private

Electric Yes ☐ No ☐

Gas Yes ☐ No ☐

Heating System:

Electric ☐ Oil ☐

Natural Gas ☐

Propane Gas ☐

Sprinkler system: N/A ☐

☐ NFPA #13D

☐ NFPA #13R

☐ Other: \_\_\_\_\_

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ON THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

David Gooding  
Applicant's Signature

Contractor

File/Comp: MD 7/7/04

David Gooding  
Print Name

7/7/04

Date

Checks payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\* PLEASE WRITE NEATLY AND LEGIBLY \*\*

FOR OFFICE USE ONLY

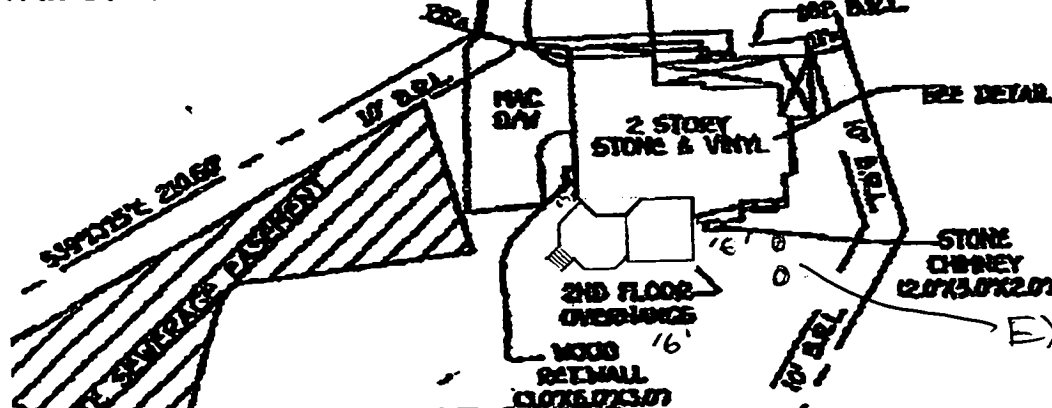
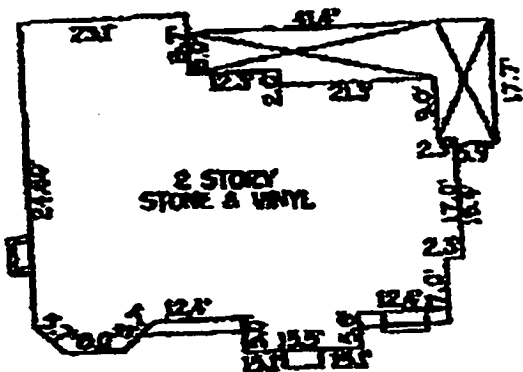
AGENCY \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE APPROVAL \_\_\_\_\_ DPZ SETBACK INFORMATION \_\_\_\_\_ PROPERTY ID# 50396

LOT 12



EPTIC EASEMENT

WELL



APPROVED

WALK-THRU BUILDING PERMIT

BP# 300149299 A#58947M

APP. SAN MR DATE: 7/7/04

DESC. OF WORK:

SCR PORCH

OF  
5561  
LJO 45

RESTRICTION LINE  
TON ELEV. 513.9  
LATE STEPS, WALK  
ARCH (COVERED)

LOT 14

BUILDABLE PRESERVATION  
PARCEL "A"  
WINDRIDGE FARMS  
SECTION 2, AREA 1  
PLAT Nos. H319 THRU H322

LOT 13  
WINDRIDGE FARMS  
SECTION 2, AREA 2  
LOTS 8 THRU 26  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT REF. H684

LLINS & CARTER, INC.  
CONSULTANTS & LAND SURVEYORS

1000 PARK - 10000 BALTIMORE NATIONAL FREE  
2000 CITY, PHOENIX ARIZ  
602 944 - 2000



PROFESSIONAL LAND SURVEYOR  
REG. 502 DATE 7/7/04

HOUSE LOCATION  
DRAWING

FOUNDATION LOCATION: 9/5/01  
FINAL LOCATION: 5/15/02  
BOUNDARY SURVEY:

SCALE: 1"=20'  
DATE: 3/20/02  
DRAWN BY: D.B.  
CHECKED BY: S.R.P.  
PROJECT No: 01300