

LAYOUT 10/12/04 AM INSP 4 _____
 INSP 2 10/13/04 AM INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 8/13/2004

APPROVAL DATE: 4/27/05

PERMIT INDEXED
 03 28 5898

P 520824

A 518028-A

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Buell/Greenfield LOT NUMBER: 75

ADDRESS: 11779 Frederick Road PROPERTY OWNER: Karen Burkett

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED


PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 4.5' Inlet

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 149 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 6.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution at the highest elevation in the approved SDA. Run two 80' trenches on contour.
NOTES:	Due to soils, dig trenches, then call SAN for insp. After trench inspection, then pour/dump in #2 stone & lay pipe

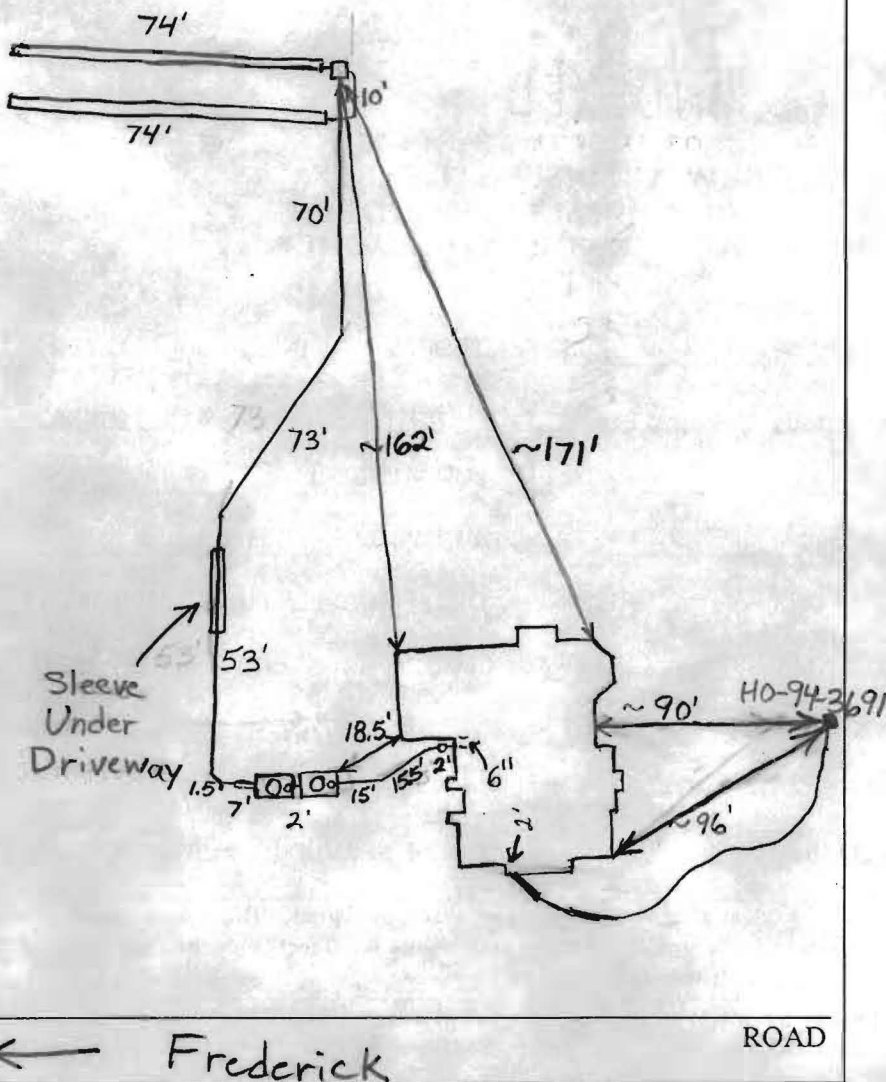
PLANS APPROVED: Kevin J. Bell Reviewed by:  DATE: 6/2/04

NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

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 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A 518028-A

NOT TO SCALE



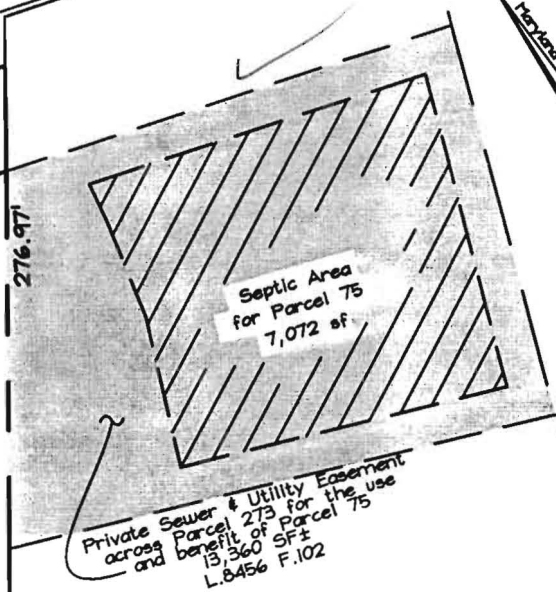
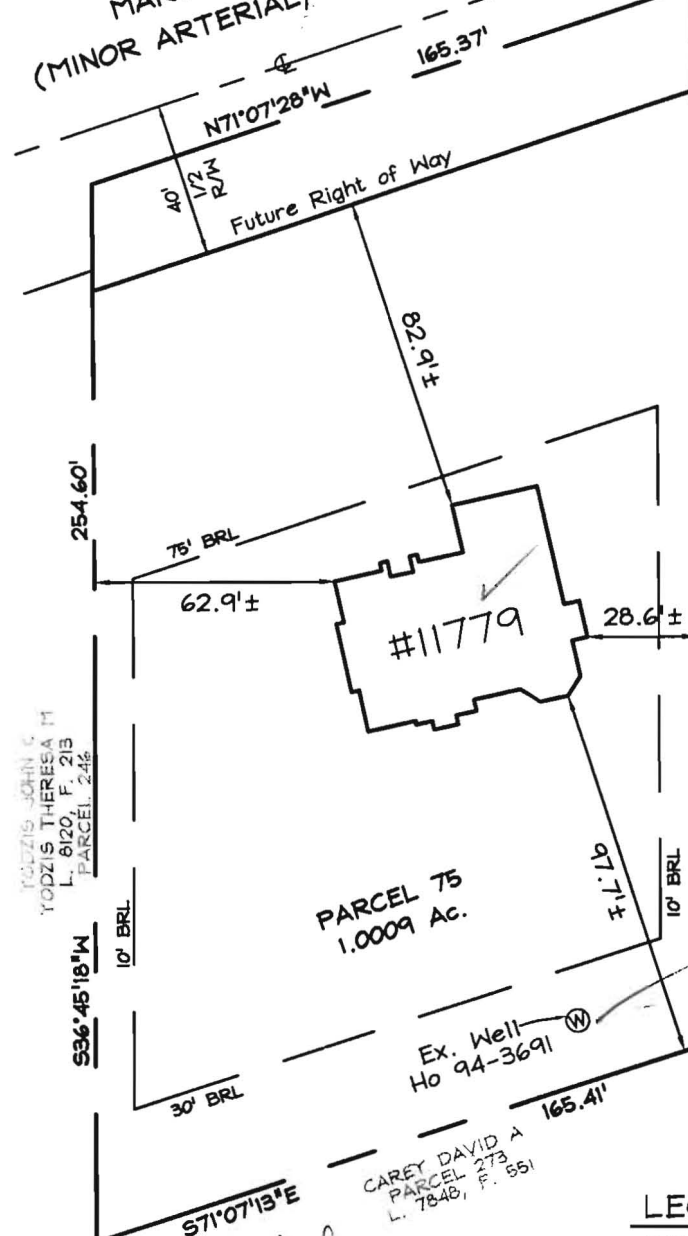
TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	8'
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>148'</u>		
ABSORPTION AREA <u>444' + Sidewall</u>		
DISTRIBUTION BOX LEVEL <u>Levelers</u>		
DISTRIBUTION BOX BAFFLE <u>Elbow</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	<u>1250</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>2'-2.5'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Middle</u>
6" PORT LOC	<u>Front</u>
WATERTIGHT TEST	<u>No</u>
SEPTIC TANK 2 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	<u>1250</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>2'</u>
BAFFLES	<u>Front</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Middle</u>
6" PORT LOC	<u>Front</u>
WATERTIGHT TEST	<u>No</u>

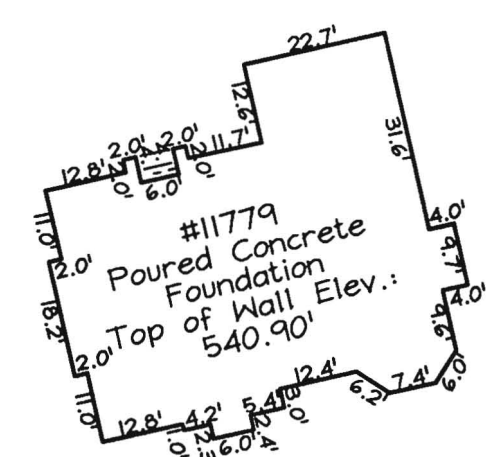
PRE-CONSTRUCTION 10/12/04 Tanks set. First trench started, No plumbing work done. Material in trench becomes sandy at 5'-6'. Inlet to be higher for safety reasons. (BB) 10/13/04 O.K. to cover everything. Need functioning pump and alarm for final approval. (BB) 4/27/05 Pump and alarm working. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 4/27/05

FREDERICK ROAD
 MARYLAND ROUTE 144
 (MINOR ARTERIAL, SCENIC ROAD)



Private Sewer & Utility Easement
 across Parcel 273 for the use
 of Parcel 75
 13,360 SF ±
 L.8456 F.102



FOUNDATION DETAIL
 SCALE: 1"=30'

LEGEND

- F/P = FIREPLACE
- B/W = BAY WINDOW
- D/W = DRIVEWAY
- CONC = CONCRETE
- O/H = OVERHANG
- H/P = HEAT PUMP/AIR COND.
- G/M = GAS METER
- E/M = ELECTRIC METER

DIMENSIONS LABELED ± ARE WITHIN 0.1'
 WELL TAG No.: HO-94-3691
 ADDRESS No.: 11779 FREDERICK ROAD
 TOP OF WALL ELEV. = 540.90' FIRST FLOOR ELEV. = N/A
 THE LOCATION DRAWING IS OF BENEFIT TO THE CONSUMER ONLY
 INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE
 COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED
 TRANSFER, FINANCING OR REFINANCING;
 THE LOCATION DRAWING IS NOT TO BE RELIED UPON FOR THE ES-
 TABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR
 OTHER EXISTING OR FUTURE IMPROVEMENTS;
 AND THE LOCATION DRAWING DOES NOT PROVIDE FOR THE
 ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT
 SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER
 OF TITLE OR SECURING FINANCING OR REFINANCING.

The existing well shown on this plan (identified with
 the attached well tag number: HO-94-3691) has been
 field located by C. B. Miller professional surveyor
 and is accurately shown.

*slip of
 House
 essentially
 same
 loc.
 OK
 KN*

PLAN VIEW
 SCALE: 1"=50'

FSH Associates

Engineers Planners Surveyors
 8318 Forrest Street Ellicott City, MD 21043
 Tel: 410-750-2264 Fax: 410-750-7350
 E-mail: FSHAssociates@cs.com

WALL CHECK	
FOUNDATION	Date: 07/30/04
FINAL	Date:
DRAWN BY:	GS
SCALE:	As Shown
W.O. No.:	3158



BURKETT RESIDENCE
 TAX MAP 16 PARCEL 75
 3RD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TO MARK RIFKIN

3-26-03

RE-BUELL PROPERTY - FREDERICK RD

MARK-

I KNOW WE HAVE TO HAVE THE SEPTIC EASEMENT
RECORDED TO HAVE A WORKABLE SEPTIC AREA
FOR THE ORIGINAL OLD HOUSE (WHICH WAS RAZED*)

FSH TELLS ME THAT WE CAN'T DO WELL #1

UNTIL WE HAVE THE SEPTIC AREA RECORDED.

I WOULD LIKE TO GET JOE MAYNE OUT ASAP
TO DO BOTH WELLS (#1 & #2)

CAN I PUT THESE WELLS IN NOW? - AND

IF THE SEPTIC ISN'T RECORDED IN TIME, YOU
WOULDN'T RELEASE A BUILDING PERMIT ANYWAY.

I'M TRYING TO GET MAYNE OUT THERE ONE TIME.

PLEASE CALL ME WHEN YOU GET A CHANCE.

THANKS - RICK

#410-365-8702 CELL

OK IF APPLIED FOR
AS TEST WELL &
& LATER CONVERTED
TO DOMESTIC SUPPLY

* WHY IS RAZED - DOWN
AND RAISED MEANS UP?

MR/GM
3/26/03

NO TITLE EXAMINATION
NO CONSIDERATION

HC 0388

EASEMENT AGREEMENT

THIS EASEMENT AGREEMENT (this "Agreement") is made this 21 day of June, 2004 by and between DAVID A. CAREY and THERESA SULIGA-CAREY, husband and wife (the "Grantors"); and RICHARD A. BURKETT, JR. and KAREN A. BURKETT, husband and wife (the "Grantees").

RECITALS

A. The Grantors own fee simple title to that lot or parcel of land containing approximately 3.6867 acres of land located in Howard County, Maryland by virtue of a Deed from Greenfield Homes, Inc. dated September 11, 2003 and recorded or intended to be recorded among the Land Records of Howard County prior hereto (the "Grantors' Property").

B. The Grantees own fee simple title to that lot or parcel of land adjacent to the Grantors' Property containing approximately 1.0009 acres of land located in Howard County, Maryland by virtue of a Deed from Greenfield Homes, Inc. dated June 1, 2004 and recorded or intended to be recorded among the Land Records of Howard County prior hereto (the "Grantees' Property").

C. The Grantees have requested that the Grantors grant and convey unto the Grantees a permanent, irrevocable, non-exclusive easement on, over, through, in and across that portion of the Grantors' Property, which is described in more detail on Exhibit A attached hereto and incorporated herein (the "Easement Area"), and the Grantors have agreed to grant such an easement unto the Grantees, subject to the terms and conditions set forth herein.

AGREEMENTS

NOW THEREFORE, THIS AGREEMENT WITNESSETH that, in consideration of the premises and conditions set forth herein and other good and valuable consideration (the actual monetary consideration paid or to be paid being Zero Dollars [\$0.00]), the receipt and sufficiency of which are hereby acknowledged, the Grantors and the Grantees agree as follows:

1. **Recitals.** The Recitals are incorporated by this reference as material provisions of this Agreement and not as mere recitals.

2. **The Easement.**

2.1 **Grant of Easement.** The Grantors hereby grant unto the Grantees, their successors and assigns and their respective agents, licensees and contractors, a permanent, irrevocable, non-exclusive easement (the "Easement") on, over, through, in and across the Easement Area for purposes of installing, operating, using, maintaining, repairing and replacing

a septic system to service the Grantees' Property, including but not limited to such tanks, pipes, conduits, drain fields and other improvements as may be necessary or desirable to permit the use of the Easement Area for the purposes set forth hereinabove (the "Facilities"). The Grantors acknowledge and agree that the foregoing grant of the Easement includes rights of ingress, egress and access to the Easement Area and the Facilities.

2.2 Covenants and Agreements.

2.2.1 The Grantees covenant and agree to cause all work within the Easement Area and in connection with the Facilities to be performed in a diligent and workmanlike manner in accordance with all federal, state and local laws, codes, ordinances, regulations and requirements and in such a manner that such work will not unreasonably interfere with the use and enjoyment of the Grantors' Property.

2.2.2 The Grantees covenant and agree to cause any damage to the Grantors' Property that is caused by the Grantees, their agents, licensees and contractors to be repaired to the condition existing immediately prior to such damage promptly after the damage is done.

2.2.3 The installation, operation, use, maintenance, repair and replacement of the Facilities within the Easement Area shall be at no cost or expense to the Grantors', their successors or assigns.

2.2.4 Except in the event of emergency the Grantees covenant and agree to give the Grantors forty-eight (48) hours prior notice before entering onto the Easement Area for purposes set forth herein. In the event of emergency, no prior notice shall be required; however, the Grantees will use reasonable efforts to notify the Grantors of the nature of the emergency, the estimated time for resolving the same and the nature of the work to be performed.

2.2.5 The Grantors covenant and agree on behalf of themselves, their successors and assigns not to construct or suffer the construction of any structures or improvements within the Easement Area or to change or suffer changes to be made to the grade of the Easement Area.

2.2.6 The Grantors, their successors and assigns shall be responsible for routine maintenance (such as grass cutting and snow removal) of the Easement Area and the costs associated therewith.

3. **Indemnification.** The Grantors and Grantees and their respective successors and assigns covenant and agree to defend, indemnify and hold the other harmless from and against all liability, obligations, losses, damages, penalties, claims, actions, suits, costs, charges and expenses, including reasonable attorneys' fees, resulting from or arising out of or in connection with the use of the Easement Area by the indemnifying party, their agents, licensees or contractors.

4. **Miscellaneous.**

4.1 **No Possibility of Reverter.** Nothing contained herein is intended to be, nor shall be construed as, creating a possibility of reverter.

4.2 **Nature of Rights Granted.** Except as expressly set forth herein, it is expressly agreed and understood that the easements, covenants, agreements and restrictions granted and contained herein are appurtenant to and shall run with and be binding upon the Grantors' Property in perpetuity for the benefit of the Grantees' Property. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.

4.3 **Entire Agreement and Amendment.** This Agreement contains the entire understanding and agreement of the parties hereto with respect to the matters described herein, and may be altered, modified or amended only by a written agreement signed by the parties and recorded among the Land Records of Howard County, Maryland. Any such amendment shall be effective upon its recordation among the Land Records.

4.4 **Severability.** No determination by any court, governmental or administrative entity or otherwise that any provision of this Agreement or any amendment hereto is invalid or unenforceable in any instance shall affect the validity or enforceability of (a) any other such section, subsection or provision, or (b) such section, subsection or provision in any circumstance not controlled by such determination. Each such section, subsection or provision shall be valid and enforceable to the fullest extent allowed by, and shall be construed wherever possible as being consistent with, applicable law.

4.5 **Governing Law.** The laws of the State of Maryland, without regard to principles of conflicts of laws, shall govern the interpretation and enforcement of this Agreement.

4.6 **Relationship of the Parties.** Nothing contained herein shall be construed to make the parties hereto partners or joint venturers, or to render either party liable for any obligations or liabilities of the other party.

4.7 **Captions.** The headings of the sections and subsections herein are for convenience only and shall not affect the meaning or interpretation of the contents thereof.

4.8 **Counterparts.** This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument.

4.9 **Interpretation.** As used in this Agreement, the singular shall include the plural, the plural the singular, and the use of any gender shall be applicable to all genders.

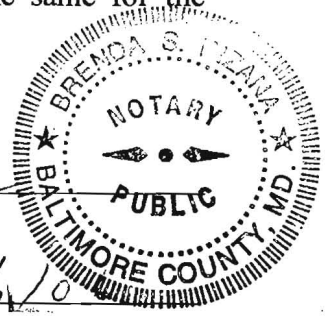
4.10 **Provisions Cumulative.** The provisions of this Agreement shall be deemed to be cumulative. No provision of this Agreement shall be deemed to be in limitation of

STATE OF MARYLAND, CITY/COUNTY OF BALTO

On this 24th day of June, 2004, before me, the undersigned officer, personally appeared David A. Carey, known to me (or satisfactorily proven) to be one of the Grantors in the foregoing instrument, and acknowledged that he executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Brenda S. Peana
Notary Public



My Commission Expires: 12/1/0

STATE OF MARYLAND, CITY/COUNTY OF BALTO

On this 24th day of June, 2004, before me, the undersigned officer, personally appeared Theresa Suliga-Carey, known to me (or satisfactorily proven) to be one of the Grantors in the foregoing instrument, and acknowledged that she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Brenda S. Peana
Notary Public



My Commission Expires: 12/1/06

STATE OF MARYLAND, CITY/COUNTY OF Howard

On this 24th day of June, 2004, before me, the undersigned officer, personally appeared Richard A. Burkett, Jr., known to me (or satisfactorily proven) to be one of the Grantees in the foregoing instrument, and acknowledged that he executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Patricia A. Haef
Notary Public

My Commission Expires: 11-1-2005

STATE OF MARYLAND, CITY/COUNTY OF Carroll

On this 24 day of June, 2004, before me, the undersigned officer, personally appeared Karen A. Burkett, known to me (or satisfactorily proven) to be one of the Grantees in the foregoing instrument, and acknowledged that she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Darlene Wagner
Notary Public



DARLENE WAGNER
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires October 18, 2004

My Commission Expires: 10-18-04

ATTORNEY CERTIFICATION

This is to certify that the foregoing instrument was prepared by or under the direction and supervision of the undersigned attorney who is licensed to practice law in the State of Maryland.

This is to certify that the within instrument was prepared by or under the supervision of the undersigned, an attorney duly admitted to practice before the Court of Appeals of Maryland.

William E. Murphy
Attorney

After recording, please return to:
Robert D. Porter, Esquire
Hodes, Ulman, Pessin & Katz, P.A.
901 Dulaney Valley Road, Suite 400
Towson, Maryland 21204
(410) 938-8800

EXHIBIT ADescription of Easement Area

Description for Private Sewer & Utility Easement
13,232 sq. ft. or 0.304 acres, more or less

BEGINNING for the same at a point on the second or South 29 degrees 56 minutes 46 seconds West, 321.12 foot line of Parcel 2 in a deed dated February 28, 2003 from Carl W. Buell and Donna M. Buell, his wife, to Greenfield Homes, Inc. recorded among the Land Records of Howard County, Maryland in Liber 6940 Folio 535, said point being 39.12 feet from the beginning of said line, said point being on the future right of way line of Frederick Road (Maryland Route 144) thence running with and binding along said second line as now surveyed,

1. South 29 degrees 56 minutes 46 seconds West, 104.50 feet to a point, thence leaving said second line and running over and through the aforementioned land
2. North 59 degrees 08 minutes 46 seconds West, 145.52 feet to a point on the ninth, or North 44 degrees 08 minutes 00 seconds East 289.70 foot line of the aforementioned deed, thence running with and binding along said line
3. North 44 degrees 08 minutes 00 seconds East, 98.25 feet to a point on the future right of way line of Route 144 thence running and binding along said line.
4. South 63 degrees 52 minutes 09 seconds East, 121.99 feet to the point of beginning.

Containing 13,232 square feet or 0.304 acres of land, more or less.

or to exclude any other provision hereof, or any right, remedy or provision of law, unless otherwise expressly stated.

WITNESS, the hands and seals of the Grantors and Grantees as of the date first written above.

WITNESS:

[Handwritten Signature]
[Handwritten Signature]

GRANTORS:

[Handwritten Signature] (SEAL)
David A. Carey
[Handwritten Signature] (SEAL)
Theresa Suliga-Carey

GRANTEES:

[Handwritten Signature]
[Handwritten Signature]

[Handwritten Signature] (SEAL)
Richard A. Burkett, Jr.
[Handwritten Signature] (SEAL)
Karen A. Burkett

{Notary Acknowledgements follow.}

WITNESS, the hands and seals of the Grantors and Grantees effective as of the date of the Agreement.

WITNESS:

GRANTORS:

David A. Carey (SEAL)
David A. Carey

Theresa Suliga-Carey (SEAL)
Theresa Suliga-Carey

GRANTEES:

Richard A. Burkett Jr.

Richard A. Burkett Jr. (SEAL)
Richard A. Burkett, Jr.

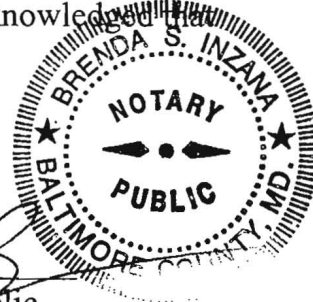
Karen A. Burkett

Karen A. Burkett (SEAL)
Karen A. Burkett

STATE OF MARYLAND, COUNTY OF BALTIMORE, TO WIT:

I HEREBY CERTIFY, that on this 24th day of June, 2004, before me, the subscriber, a Notary Public in and for the State and County aforesaid, personally appeared David A. Carey and Theresa Suliga-Carey, known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same for the purposes therein contained.

AS WITNESS my hand and Notarial Seal.



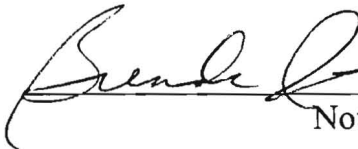
Brenda S. Inzana
Notary Public

My Commission Expires: 12/1/06

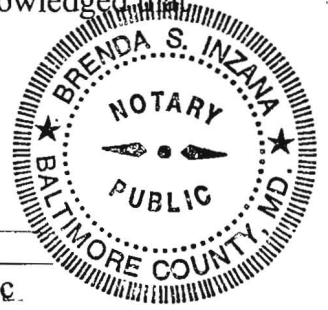
STATE OF MARYLAND, COUNTY OF BALTO, TO WIT:

I HEREBY CERTIFY, that on this th24 day of June, 2004, before me, the subscriber, a Notary Public in and for the State and County aforesaid, personally appeared Richard A. Burkett, Jr. and Karen A. Burkett, known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same for the purposes therein contained.

AS WITNESS my hand and Notarial Seal.



Notary Public



My Commission Expires: 12/1/06

IMP FD SURE \$	20.00
RECORDING FEE	20.00
TOTAL	40.00
Rest CH&S	Rcpt # 10926
KDR PJR	Blk # 2511
Jun 29, 2004	01:32 PM

ADDENDUM TO EASEMENT

This Addendum to the Easement Agreement of even date herewith is made by and between David A. Carey and Theresa Suliga-Carey as the Grantors and Richard A. Burkett, Jr. and Karen A. Burkett as the Grantees.

NOW THEREFORE, WITNESSETH, that the Grantors and the Grantees have agreed to this Addendum to the Easement Agreement (the "Agreement") to be a part of the Agreement as if originally incorporated therein. The Grantors and the Grantees agree as follows:

1. The Agreement is amended by adding the following new paragraph 2.2.7 as follows:

"2.2.7 Notwithstanding anything to the contrary herein contained, during the term of this Agreement, the Grantees, their successors and assigns, in addition to the obligations identified in the Agreement, shall (a) cause the Easement Area to be kept reasonably clean and free of trash and debris; (b) refrain from burying any trash, debris or other materials within the Easement Area; (c) refrain from depositing any hazardous materials or toxic substances, as these phrases may be defined under any federal, state or local statute, ordinance, rule or regulation within the Easement Area, in violation of any such federal, state or local statute, ordinance, rule or regulation."

2. The Agreement is amended by adding the following new paragraph 4.11 as follows:

"4.11 Notwithstanding anything to the contrary contained in the Agreement in the event during the term of this Agreement either (i) the Facilities are located on the Grantees' Property or (ii) public sewer is provided to the Grantees' Property, then in either of such events this Agreement and the Easement hereby created shall automatically become null and void and forever extinguished."

STATE OF MARYLAND, HOWARD COUNTY, TO WIT:

I HEREBY CERTIFY that the foregoing is a true copy of the original
Easement Agreement recorded in
Liber MDR No. 8456 Folio 102 etc., one of the Land Records
of Howard County, Maryland.

IN TESTIMONY WHEREOF, I hereto set my hand
and affix the seal of the Circuit Court for Howard
County this 29th day of June, 2004

Margaret D. Rappaport

Clerk of the Circuit Court of Howard County, Maryland

7/3/91-10/30
J.M.

PERMIT

File

7/5 ① P.C.O.

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46989

A REPAIR

DISTRICT _____

DATE 4/8/91

DATE SYSTEM APPROVED 7/5/91

INSPECTOR C.B. Williams

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

O.F.K Construction IS PERMITTED TO INSTALL _____ ALTER

ADDRESS 4657 Manor Lane, Ellicott City, Maryland 21043 PHONE _____

SUBDIVISION _____ LOT _____ ROAD 11779 Route 144

PROPERTY OWNER Gertudy E. Bugell

ADDRESS _____

SEPTIC TANK CAPACITY _____ GALLONS

NUMBER OF BEDROOMS _____

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

REPAIR - TO INSTALL SEPTIC TANK AND TRENCH. CALL FOR INSPECTION WHEN GROUND IS OPENED
SO SANITARIAN CAN RECOMMEND REPAIR.

7/5/91 INSTALL 60-75' OF TRENCH - ^{4" WIDE} PLUMBED AS SHALLOW AS POSSIBLE
See back end above → *7/5/91 CW/LL*
C.B. Williams as directed above

PLANS APPROVED BY Craig Williams *cm* DATE 04/08/91

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

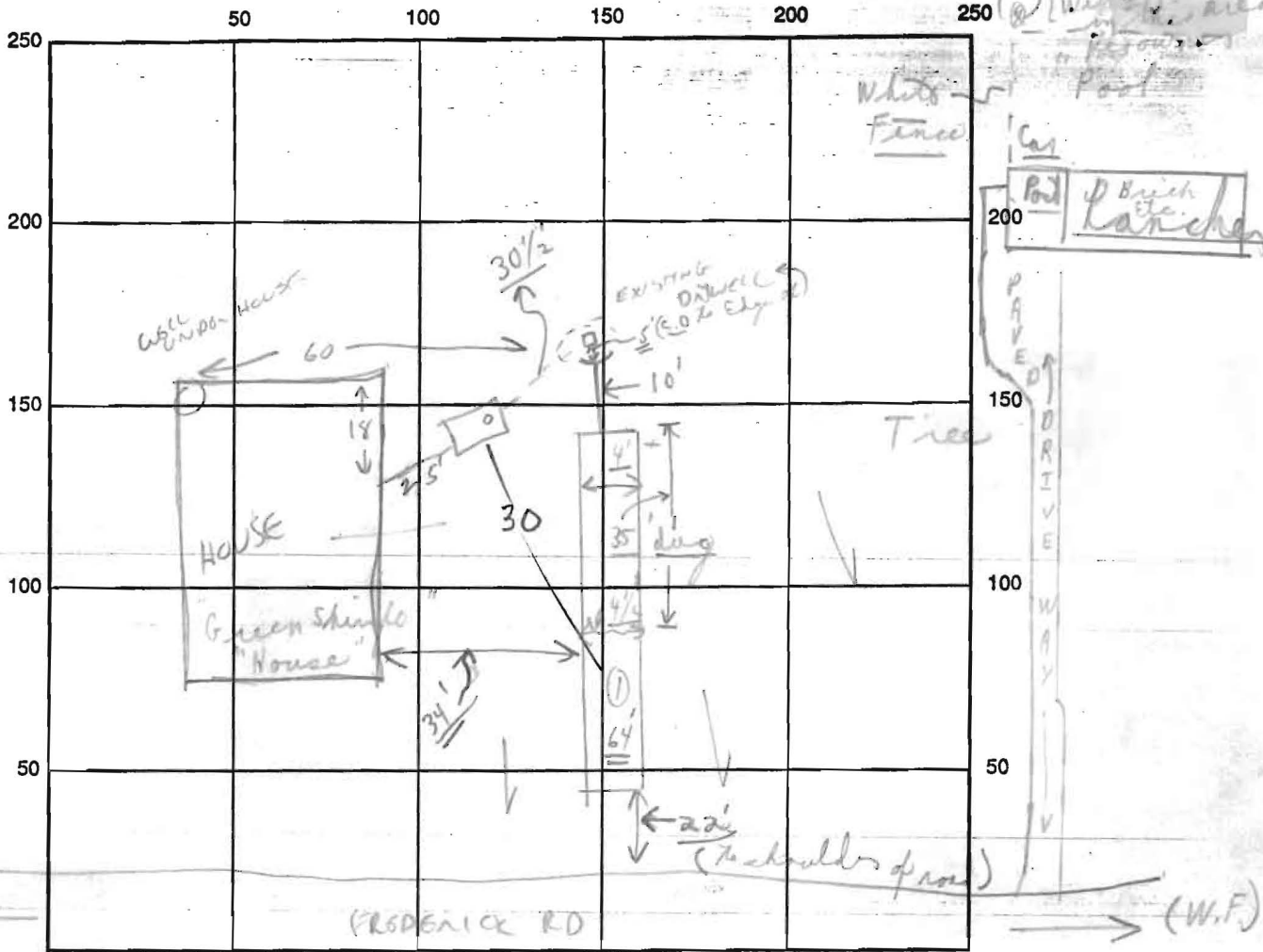
PERMIT VOID AFTER TWO YEARS

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**

46989



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK per "C.W." per contractor S.T. / D.W. CLEANOUTS (1 inch pipe) OK
 DISTRIBUTION BOX LEVEL Existing drywell being used
 DRAIN FIELD/TITLE DEPTH 5' 2 1/2 FT. TRENCH WIDTH 4' FT. INLET DEPTH 4' FT.
 EFFECTIVE GRAVEL DEPTH 2' FT. TOTAL LENGTH 64' FT.
 NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 256 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA 256 SQ. FT.

REMARKS: A.M. 2/5/91 Trench - ok to continue - coming off old
dry well with trench running towards Rt. 114/41.
P.M. 2/5/91 Trench complete - ok to cover as per
C.B.C.

DATE SYSTEM APPROVED 2/5/91 INSPECTOR Charles Bryan Street

**HATFIELD'S EQUIPMENT AND
DEDICATION SERVICES, INC.**

(301) 854-6172

13785 Burnt Woods Road
Glenelg, Maryland 21737

Fax (410) 489-4905

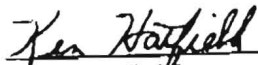
Howard County Health Department
c/o Greenfield Homes
6656 Luster Lane
Highland, MD 20777
Atten: Rick Minor

Reference: Demo septic system
Location: ~~11789~~ Frederick Road

11779

Ken Hatfield of Hatfield's Equipment And Dedication Services, Inc.
has completed the demolition of the septic system located at 11789 Frederick
Road, Ellicott City.

Certified

_____

Ken Hatfield

3/3/03

SOILS LEGEND

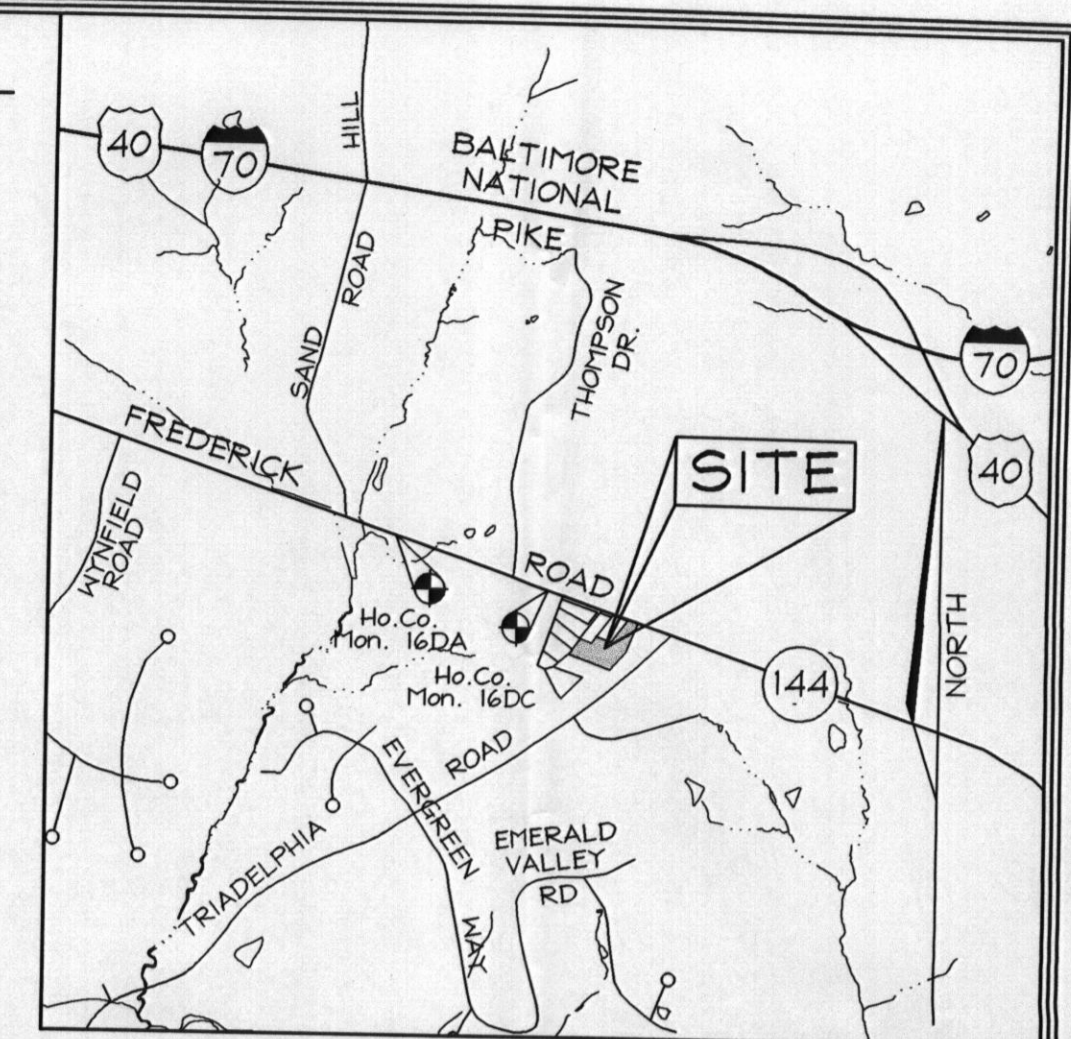
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
CHB2	Chester silt loam, 3 to 6 percent slopes, moderately eroded	B

GENERAL NOTES

- Subject property zoned RR-DEO per 10/18/93 Comprehensive Zoning Plan.
- Total area of property is 1.0009 Ac.
- Private water, and sewer will be used within this site.
- This area designates a private sewage reserve area as required by Maryland State Department of the Environment for individual sewage disposal. Impacts of any nature in this area are restricted until public sewage is available. These areas shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to the private sewage reserve.
- Howard County Soil Map #14
- Septic fields are located on soil types CHB2 as per the soil survey of land County.
- Two (2) foot contours are taken from Howard County aerial topography.
- There are no steep slopes on site.
- Proposed septic area at the front of Parcel 273 (bordering Frederick) is to serve Parcel 75. The owners of Parcel 75 have the right to connect to, use, irrs and maintain the septic system installed in this area. Easement to be recorded at the Land Records of Howard County prior to issuance of a well permit for Parcel 75. The final septic and distribution box locations and elevations will be defined by the County Health Department.
- Stormwater Management is provided by rooftop and non-rooftop disconn.
- The existing well shown on this plan (identified with the attached well tagger: HO-94-3691) has been field located by C. B. Miller professional surveyor and is accurate.
- The existing well shown on this plan is for domestic use only.

LEGEND

- Existing Contour
- Proposed Contour
- Existing Spot Elevation
- Proposed Spot Elevation
- Direction of Flow
- Existing Trees to Remain
- Rooftop Disconnect Path



VICINITY MAP
SCALE: 1"=2000'

SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of any construction (313-1895).
 - All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, and revisions thereto.
 - Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within (a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes, and all slopes greater than 3:1, (b) 14 days as to all other disturbed or graded areas on the project site.
 - All disturbed areas must be stabilized within the time period specified above SOIL EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS FOR SEEDING, and mulching (Sec. G). Temporary stabilization with mulch alone shall be done after 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	1.0009 Acres
Area Disturbed	0.36 Acres
Area to be roofed or paved	0.13 Acres
Area to be vegetatively stabilized	0.23 Acres
Total Cut	433 Cu Yd
Total Fill	144 Cu Yd
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.
- * Earthwork quantities are solely for the purpose of calculating fees. Contractor to verify all quantities prior to the start of construction.
** To be determined by contractor, with pre-approval of the Sediment Control Inspector with an approved and active grading permit.

TEMPORARY SEEDING NOTES

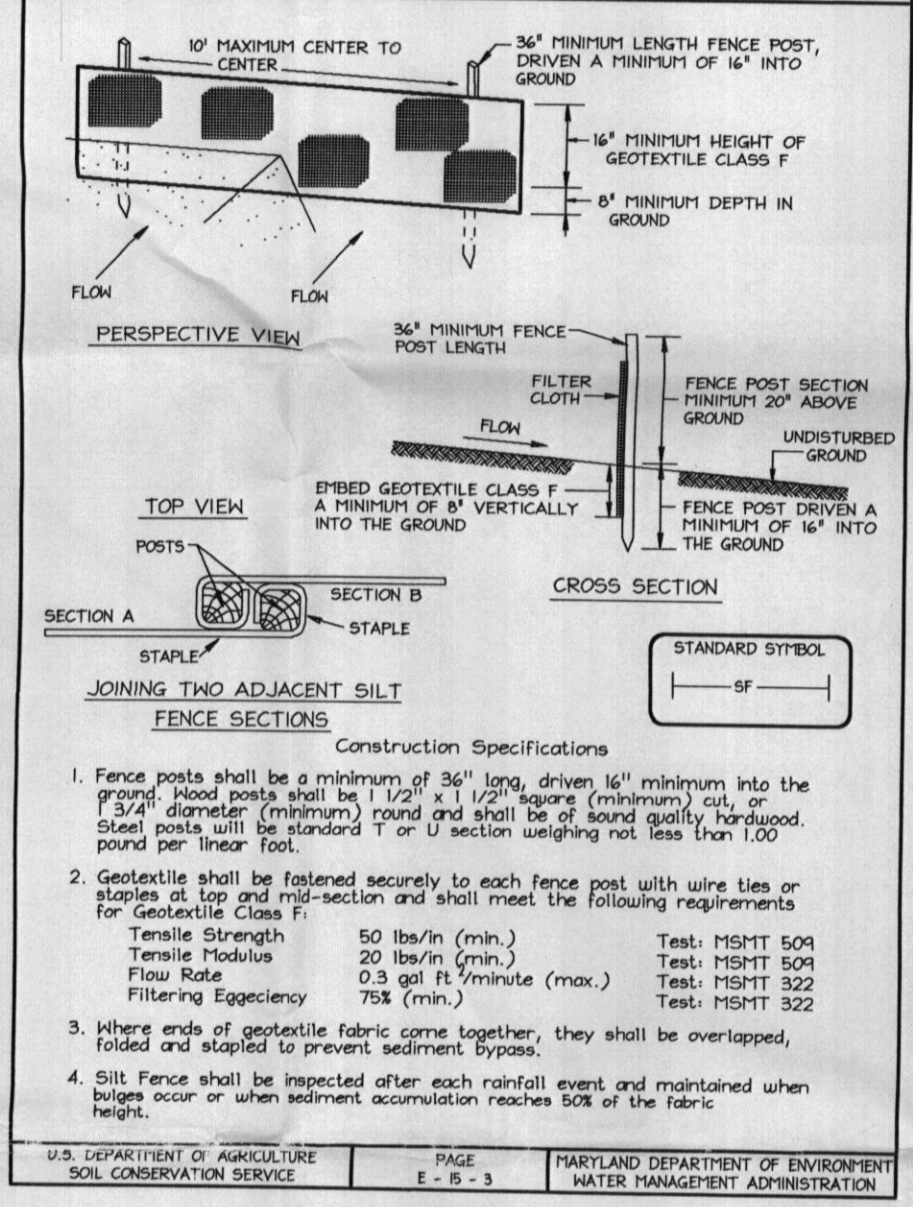
SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.
SOIL AMENDMENTS: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq.ft.).
SEEDING: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushels 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 seeded legumes (27 lbs./1000 sq.ft.). For the period November 1 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 soil.
MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq.ft.) of arched annual grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 25 gallons per acre (0.5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 6 feet or higher, use 340 gallons per acre (0.8 gal/1000 sq.ft.) for anchoring.
REFER TO THE REAL MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

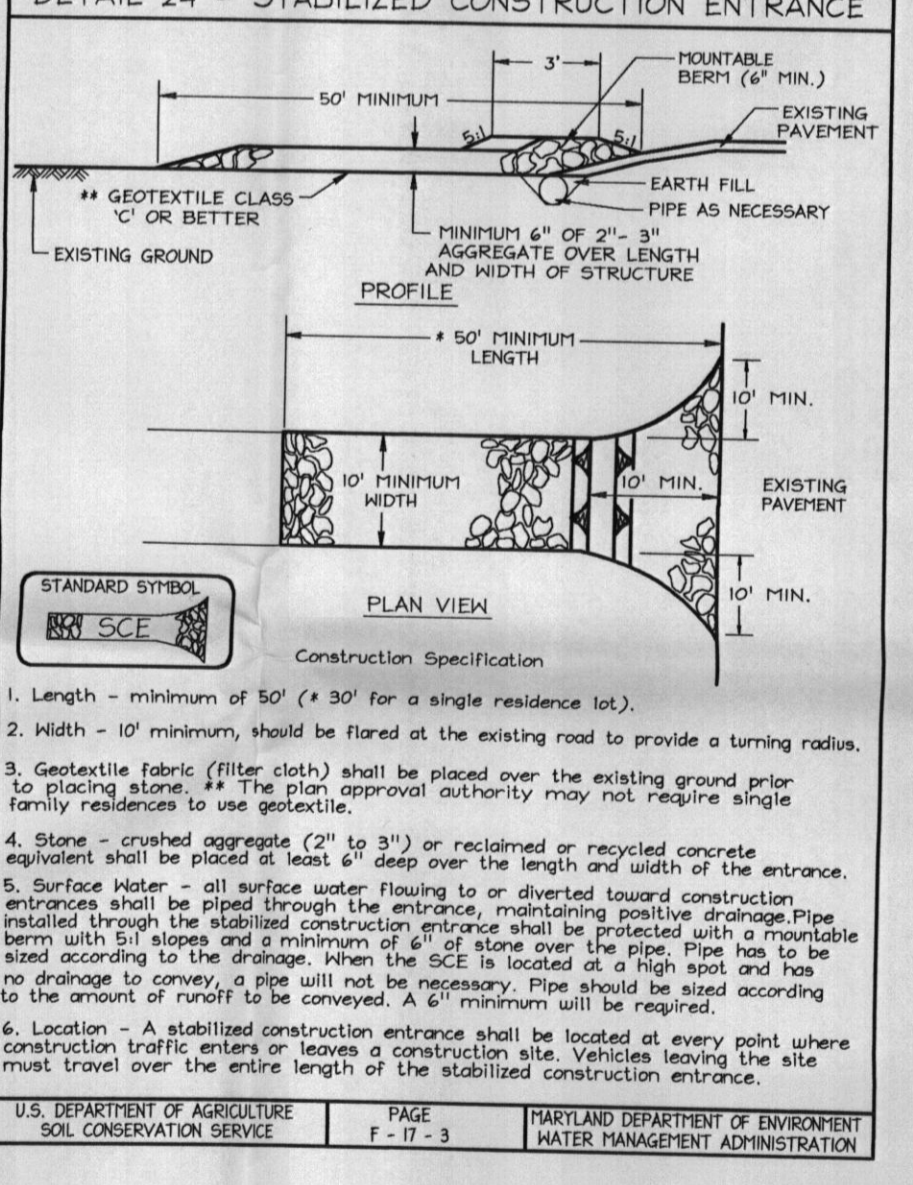
APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.
SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:
 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs./100 sq.ft.) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil. At the time of seeding, apply 400 lbs. per acre 30-0-0 anhydrous fertilizer (3 lbs./1000 sq.ft.).
 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs./100 sq.ft.) and apply 1000 lbs. per acre 10-10-10 fertilizer (25 lbs./1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil.
SEEDING: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 40 lbs. per acre of annual rye (3.2 lbs./1000 sq.ft.) or Kentucky 31 Tall Fescue per acre and 2 lbs. per acre of (0.5 lbs./1000 sq.ft.) of seeded legumes. During the period of October 16 thru February 28, protect site by October (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring, Option (2) Use soil. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.
MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of arched annual grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 25 gallons per acre (0.5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 6 feet or higher, use 340 gallons per acre (0.8 gal/1000 sq.ft.) for anchoring.
MAINTENANCE: Inspect all seeded areas and make needed repairs, replacements and reseedings.

6/18/04
- must have a 1800 folio number on the plan
K. Bell
NOTIFIED Paul Sullivan 6/18/04

DETAIL 22 - SILT FENCE



DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

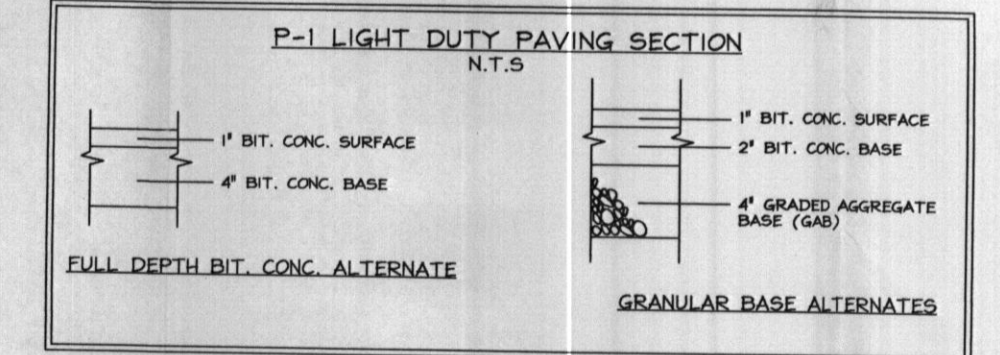


21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

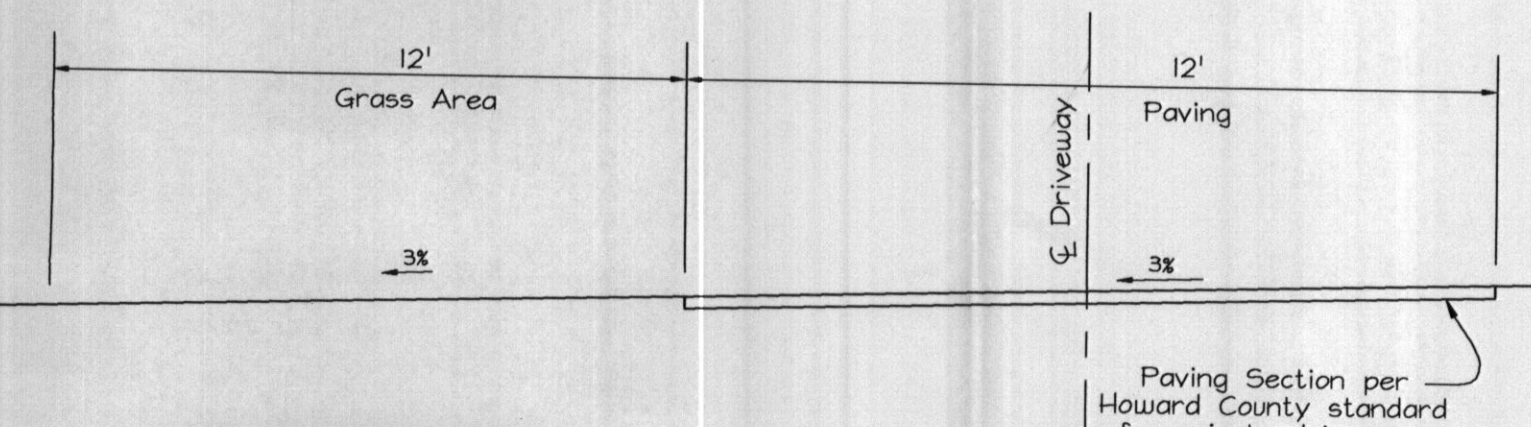
- Definition:** Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.
- Purpose:** To provide a suitable soil medium for vegetable growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.
- Conditions Where Practice Applies:**
- This practice is limited to areas having 24 or flatter slopes where:
 - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
 - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
 - The original soil to be vegetated contains material toxic to plant growth.
 - The soil is so acidic that treatment with
 - For the purpose of these standards and specifications, areas having slopes steeper than 2:1 and areas having slopes steeper than 2:1 show the appropriate stabilization shown on the plan.
 - Where the subsoil is either highly acidic or composed of heavy clay, gravel limestone shall be spread at the rate of 4-5 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Limes 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 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.
 - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.
 - For sites having disturbed areas over 5 acres:
 - On soil meeting topsoil specifications, obtain best results discing fertilizer and lime amendments required to bring the soil into compliance with the following:
 - pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.
 - Organic content of topsoil shall be not less than 5.0 percent by weight.
 - Topsoil having soluble salt content greater than 500 parts per million shall not be used.
 - No seed or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit dissipation of phytotoxic materials.
 - NOTE: Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.
 - Topsoil Application
 - When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization Structures, Earth Dikes, Slope Silt Fence and Sediment Traps and Basins.
 - Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" - 8" higher in elevation.
 - Topsoil shall be uniformly distributed in a 4" - 6" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.
 - Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.

BUELL CARL W
BUELL DONNA M T/E
L 4086, F 417
PARCEL 246
0.9200 Ac.
ZONED: RR-DEO

Buell Carl W
Buell Donna M T/E
L 4651, F 177
Parcel 75
1.0009 Ac.
ZONED: RR-DEO



Note: Paving sections shown relates to a CBR value of 7. Actual CBR test results may cause modification of these paving sections.



OWNER/DEVELOPER
GREENFIELD HOMES, Inc.
6656 Luster Drive
Highland, Maryland 20777

PLOT PLAN
BURKETT RESIDENCE
PARCEL 75
TAX MAP 16 GRID 14
3RD ELECTION DISTRICT
PARCEL 75
HOWARD COUNTY, MARYLAND

FSH Associates
Engineers Planners Surveyors
8318 Farwell Street, Ellicott City, MD 21043
Tel: 410-750-2251 Fax: 410-750-7350
E-mail: FSHAssociates@cs.com

DESIGN BY: PS
DRAWN BY: MS
CHECKED BY: ZYF
SCALE: 1"=30'
DATE: June 10, 2004
W.O. No.: 3158
SHEET No. 1 OF 1