



**Bureau of Environmental Health**

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 2/1/17

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 560525

APPROVAL DATE: 2/14/17

**PERMIT: CONSTRUCTION**

A

PROPERTY ADDRESS: 17015 Frederick Road

SUBDIVISION: Betancourt Property

LOT: \_\_\_\_\_

TAX ID: \_\_\_\_\_

04-316517

CONTRACTOR: Jet Septic Inc.

EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: 2516 Marston Rd, New Windsor, MD 21776

PHONE: \_\_\_\_\_

410-875-2311

PROPERTY OWNER: Ivan Betancourt

EMAIL: \_\_\_\_\_

OWNER ADDRESS: 17015 Frederick Road, Mount Airy, MD 21771

PHONE: \_\_\_\_\_

443-677-5521

SEPTIC TANK SIZE (GALLONS): 1500

TANK MANUFACTURER: \_\_\_\_\_

Babylon

PUMP MODEL: \_\_\_\_\_

PUMP SIZE \_\_\_\_\_

PUMP TANK CAPACITY: \_\_\_\_\_

DISTRIBUTION SYSTEM:



GRAVITY



PRESSURE DOSED

BEDROOMS: 5

APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>117</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6</u>
LOCATION:	<b>PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.</b>	
NOTES:		

ISSUED BY: Dana Bernard

ISSUE DATE: 2/1/17

EXPIRATION DATE: 2/1/18

**NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION**

**NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING**

**NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.**

**NOTE: WATERTIGHT TANKS REQUIRED**

**NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL**

**NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS**

**NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM**

ELECTRICAL PERMIT ISSUED E 16006806

**NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA**

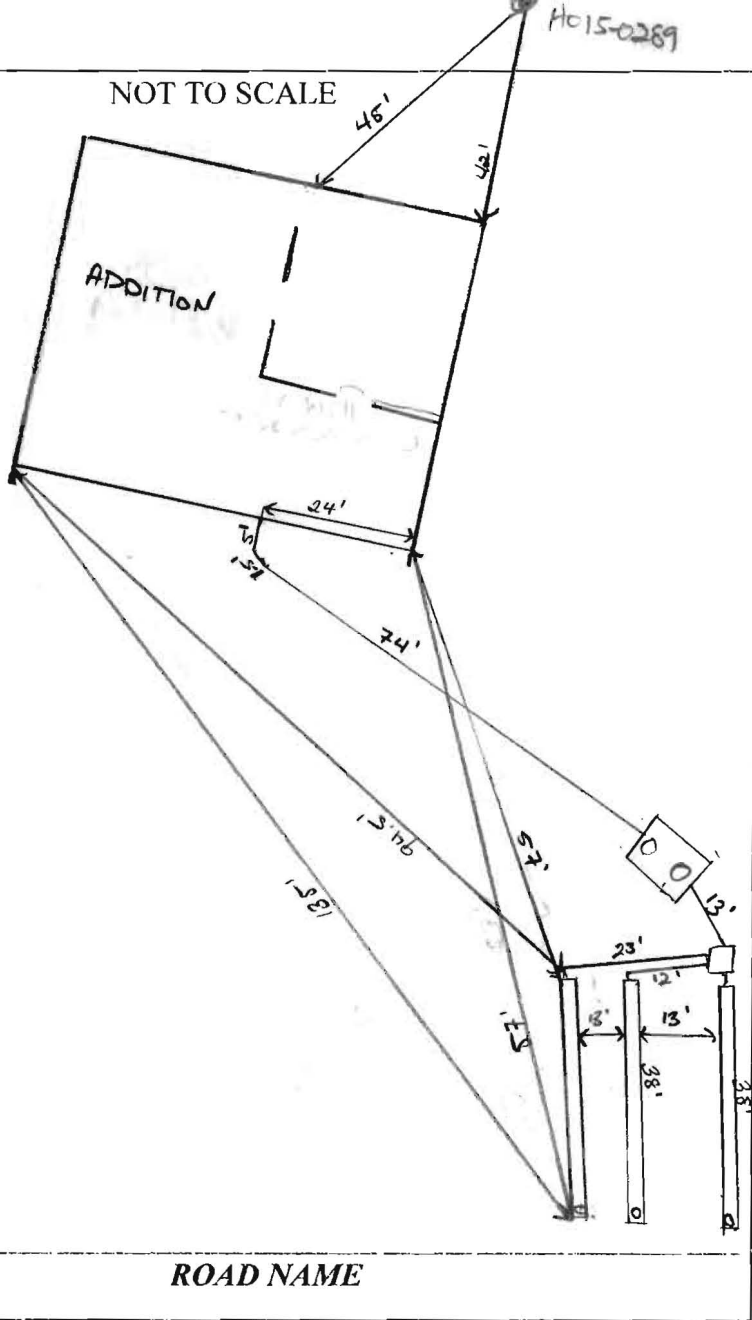
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.**

**PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

**CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

H015-0289

NOT TO SCALE



**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3'	4'	8'
NUMBER OF TRENCHES		3
TOTAL LENGTH		114'
ABSORPTION AREA		342 sq ft + side area
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		yes

**SEPTIC TANK DATA**

SEPTIC TANK I LEVEL	
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	15'
BAFFLES	yes
BAFFLE FILTER	N/A
MANHOLE LOC	Front/Rear
6" PORT LOC	yes
WATERTIGHT TEST	
SLOTTED	yes
DATE ON LID	01/07/2017

PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

**PRE-CONSTRUCTION:**

2/6/17 Met Tom Seal on site for layout. 3 of 6 septic SDA corner stakes present. Shot contour and laid out 3x39' trenches. Tank will be >100' from well, >20' off house. Must have SDA corners restaked prior to installing trenches (S) 2/7/17 on site with Mike Davis. Placed flags at trench ends and tank corners for owner to verify. Homeowner choosing not to have SDA restaked - trenches may extend out of SDA, but are on property. Ok for contractor to proceed with install per Mike Davis. (S)

**INSTALLATION:**

02/13/2016 On Site for completion of third trench. Capture measurements for the at-Built. Ok to backfill. (S)

FINAL INSPECTOR

DATE OF APPROVAL

02/14/2017

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Monday, January 23, 2017 11:20 AM  
**To:** irbetan@verizon.net  
**Subject:** 17015 Frederick Road

Hi Ivan:

The revised septic plan for 17015 Frederick Road has been approved. Your septic contractor may come in to apply for the permit and pick-up a copy of the plan.

The new well has a loose cap and missing bolts. The water supply line is not adequately sleeved at the house connection. Please have these well issues addressed and call for a re-inspect.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
410.313.2648 (Fax)

## Williams, Jeffrey

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**From:** Williams, Jeffrey  
**Sent:** Friday, January 15, 2016 9:03 AM  
**To:** 'mpconstruction@comcast.net'  
**Subject:** 17015 Frederick Road  
**Attachments:** 20160115090037311.pdf; Perc test and plan requirements for dev lots.pdf; BAT site plan requirements 9-19-13.pdf; O&M agreement\_revision 7.7.15.pdf

**From:** Williams, Jeffrey  
**Sent:** Friday, January 15, 2016 8:58 AM  
**To:** 'MPContracting@comcast.net'  
**Subject:** 17015 Frederick Road

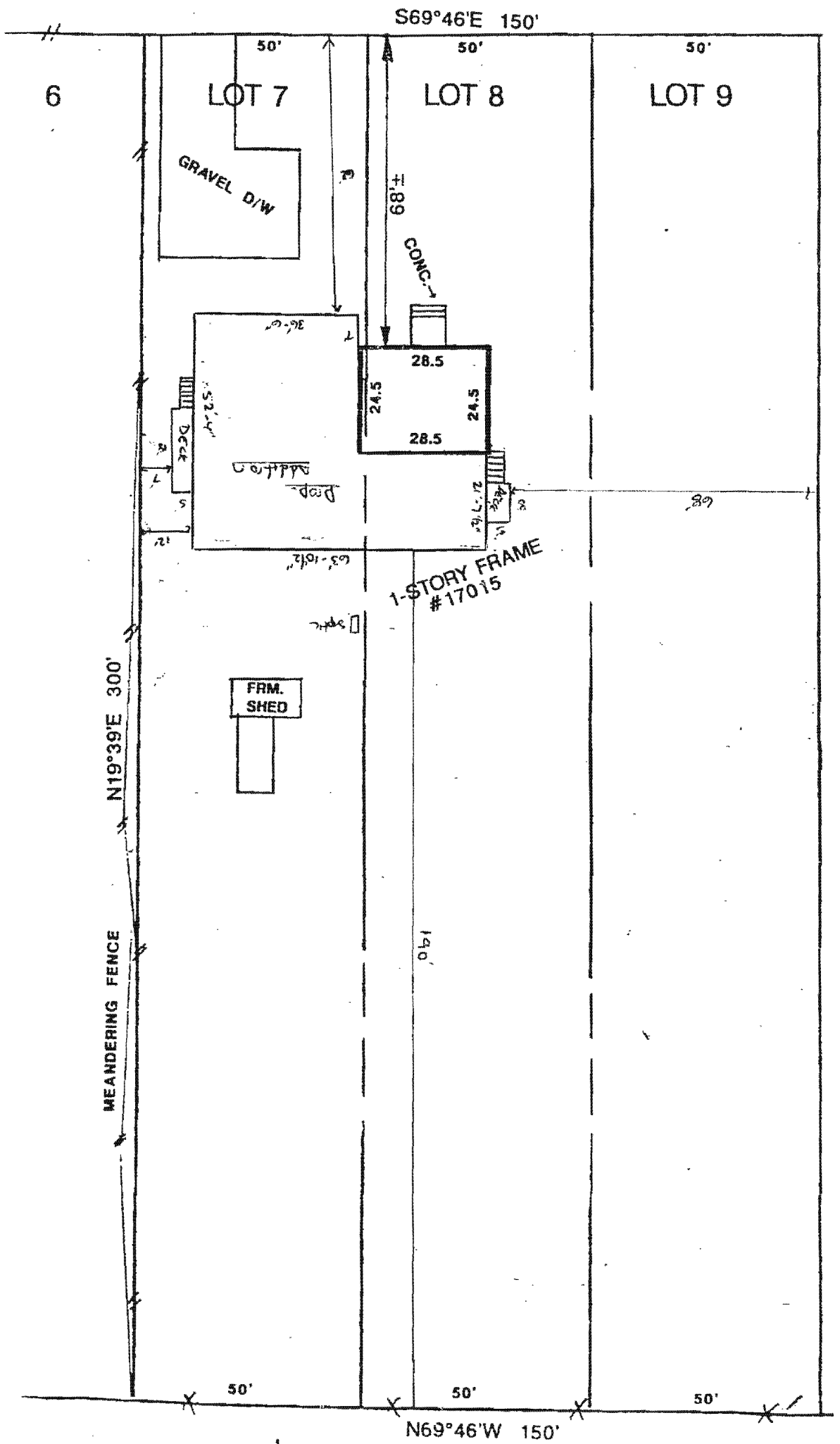
Following up on a meeting yesterday with the homeowner at 17015 Frederick Road, here are the items still in need of completion prior to Health issuance of a building permit:

- A perc certification plan submitted to and signed by the Health Department establishing the sewage disposal area (see the attached fact sheet explaining the requirements for that plan)
- A BAT plan showing the sewage disposal system design to be approved by the Health Dept. (see the attached BAT plan checklist and the septic system spec sheet). In the meeting, we agreed to allow the BAT plan and perc certification plan to be submitted as one plan.
- An O&M agreement signed by the homeowner, the Health Department, and recorded in Land Records prior to health issuance of a septic permit (see attached)
- Floorplans for the proposed house to determine the number of bedrooms (this may be emailed to us)
- A well permit must be submitted, issued, and a well drilled prior to Health signature of the building permit. A well exhibit matching the approved well location from the perc certification plan must be submitted with the well permit. The exiting well must be abandoned by a well driller during that time.
- A septic permit must be obtained prior to Health signature of the building permit.

Jeff Williams  
Program Supervisor, Well & Septic Program  
Bureau of Environmental Health  
Howard County Health Dept.  
410-313-4261  
[jewilliams@howardcountymd.gov](mailto:jewilliams@howardcountymd.gov)

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17015 FIDDLEBARK ROAD



B-4-2 STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

Definition: The process of preparing the soils to sustain adequate vegetative stabilization.

Purpose: To provide a suitable soil medium for vegetative growth.

Conditions Where Practice Applies: Where vegetative stabilization is to be established.

- Criteria: A. Soil Preparation 1. Temporary Stabilization a. Seedbed preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable agricultural or construction equipment...

B-4-3 STANDARDS AND SPECIFICATIONS FOR SEEDING AND MULCHING

Definition: The application of seed and mulch to establish vegetative cover.

Purpose: To protect disturbed soils from erosion during and at the end of construction.

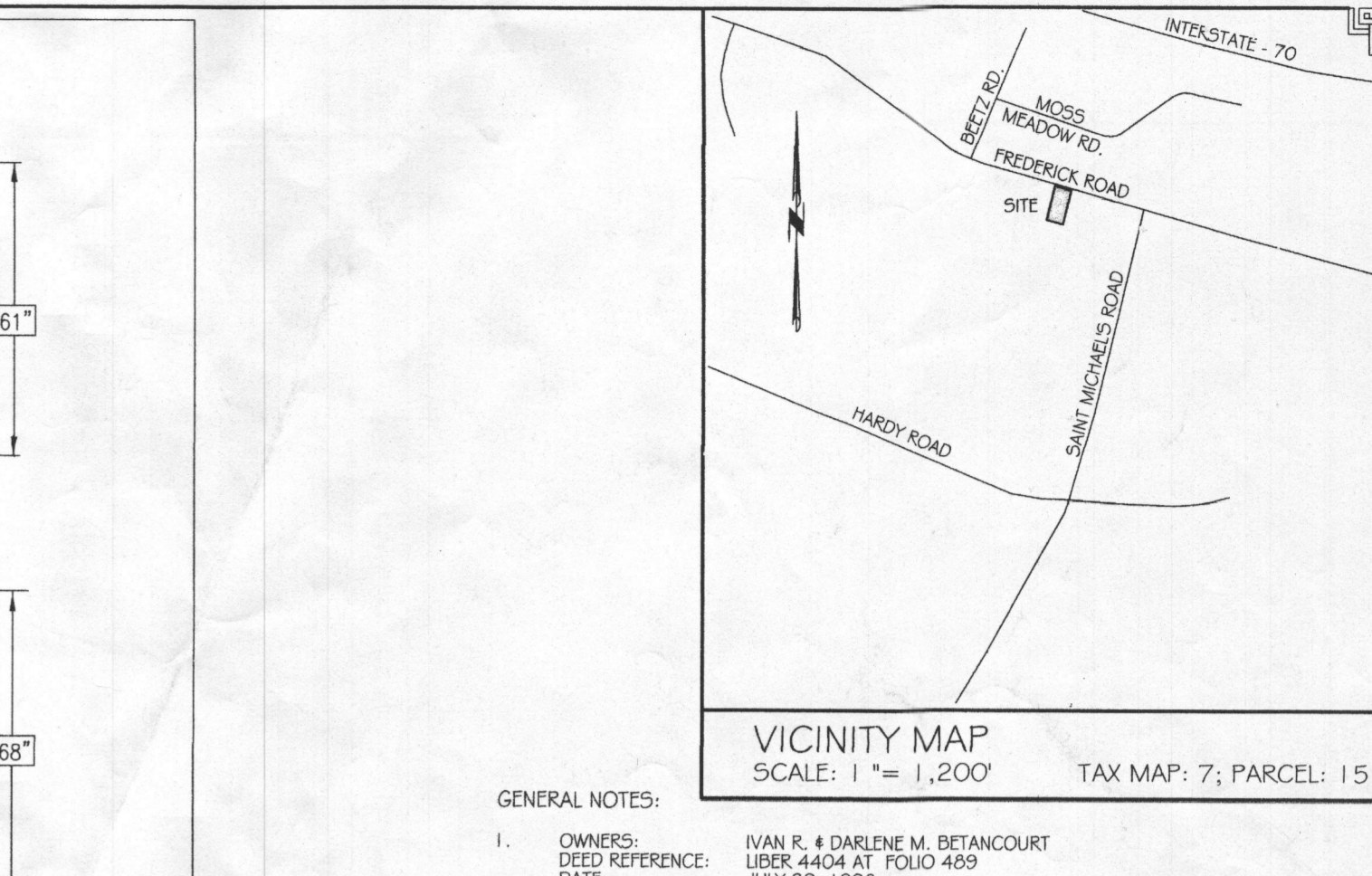
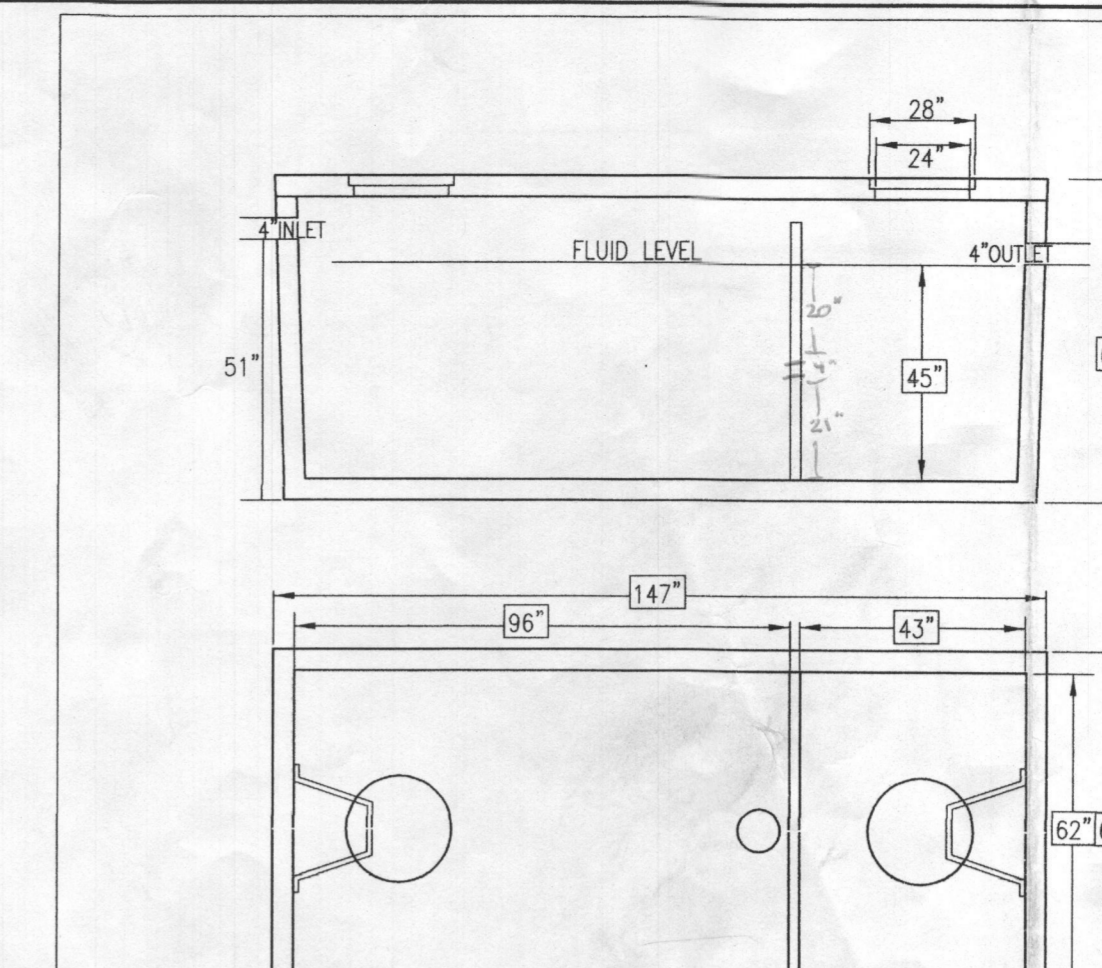
Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not under active grading.

- Criteria: A. Seeding 1. Specifications a. All seed must meet the requirements of the Maryland State Seed Law. All seed used must be subject to re-testing by a recognized seed laboratory...

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS CONSTRUCTION DISTRICT STANDARD SEDIMENT CONTROL NOTES

Definition: A pre-construction meeting must occur with the Howard County Department of Public Works, Construction Inspection Division (CID), 410-313-1855 after the future LOD and protected area marked clearly in the field.

- 1. A pre-construction meeting must occur with the Howard County Department of Public Works, Construction Inspection Division (CID), 410-313-1855 after the future LOD and protected area marked clearly in the field.



- GENERAL NOTES: 1. OWNERS: IVAN R. & DARLENE M. BETANCOURT 2. TAX MAP: 7 GRID: 2 PARCEL: 15 3. NEAREST POTABLE WATER SUPPLY: MOUNT AIRY 4 MILES ±

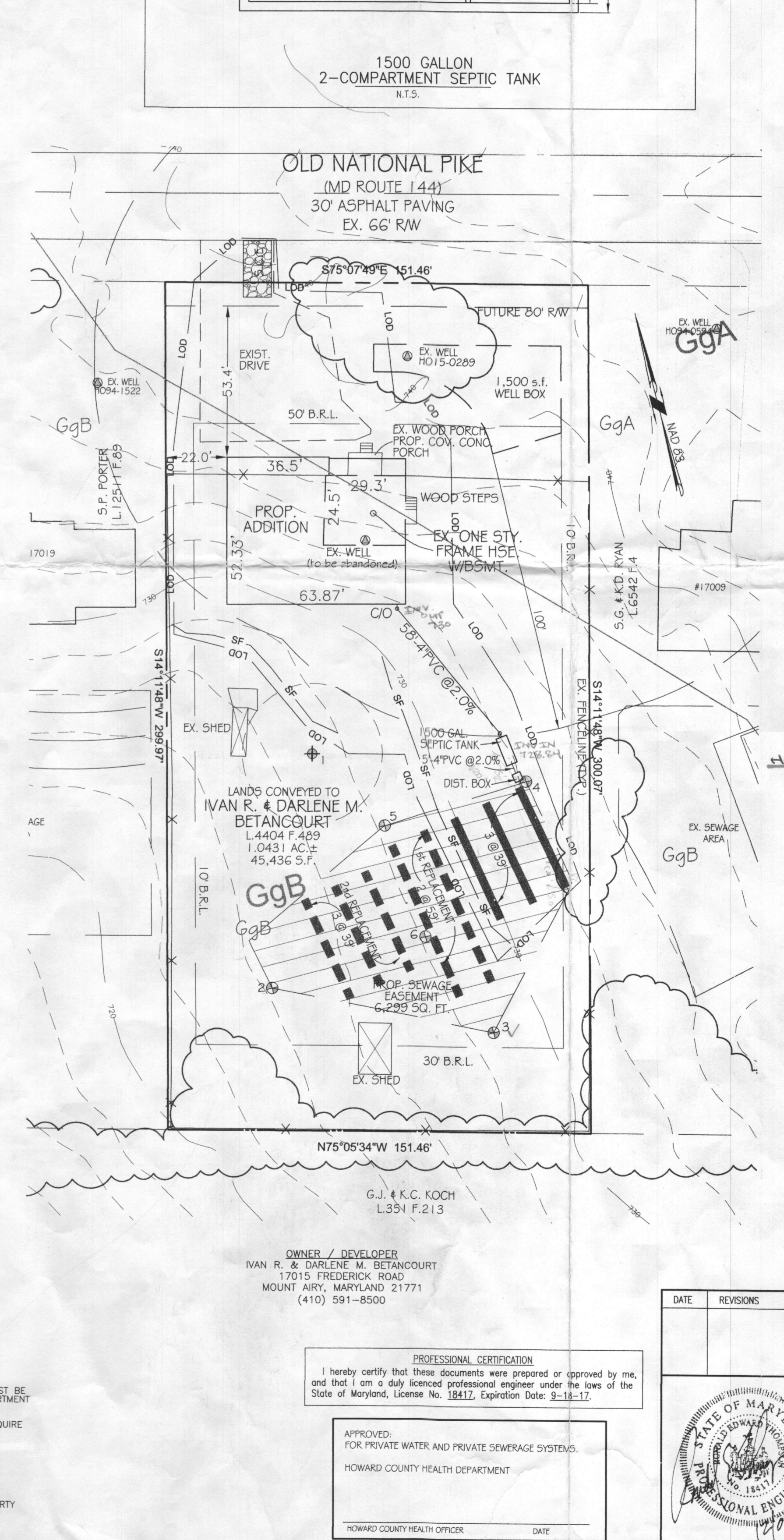


Table with 4 columns: Species, Application Rate (lb/oc), Seeding Depths, Fertilizer Rate (10-20-20), Lime Rate. Includes rows for Annual Ryegrass and Fescue Mixture.

Table with 4 columns: Species, Application Rate (lb/oc), Seeding Depths, Fertilizer Rate (10-20-20), Lime Rate. Includes rows for Kentucky Bluegrass and Fescue Mixture.

B-4-8 STANDARDS AND SPECIFICATIONS FOR STOCKPILE AREA

Definition: A mound or pile of soil protected by appropriately designed erosion and sediment control measures.

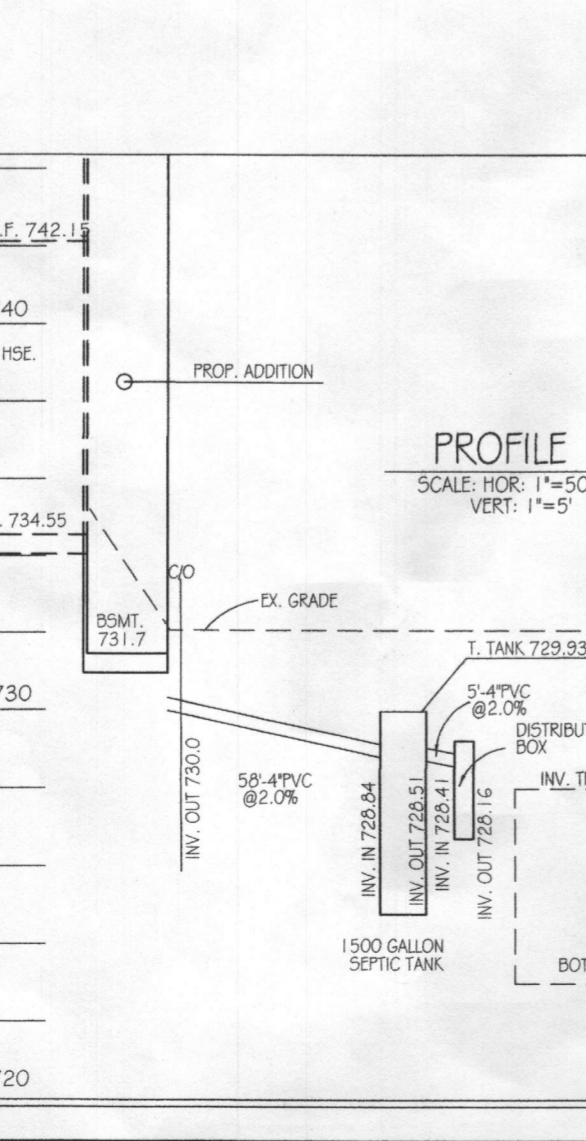
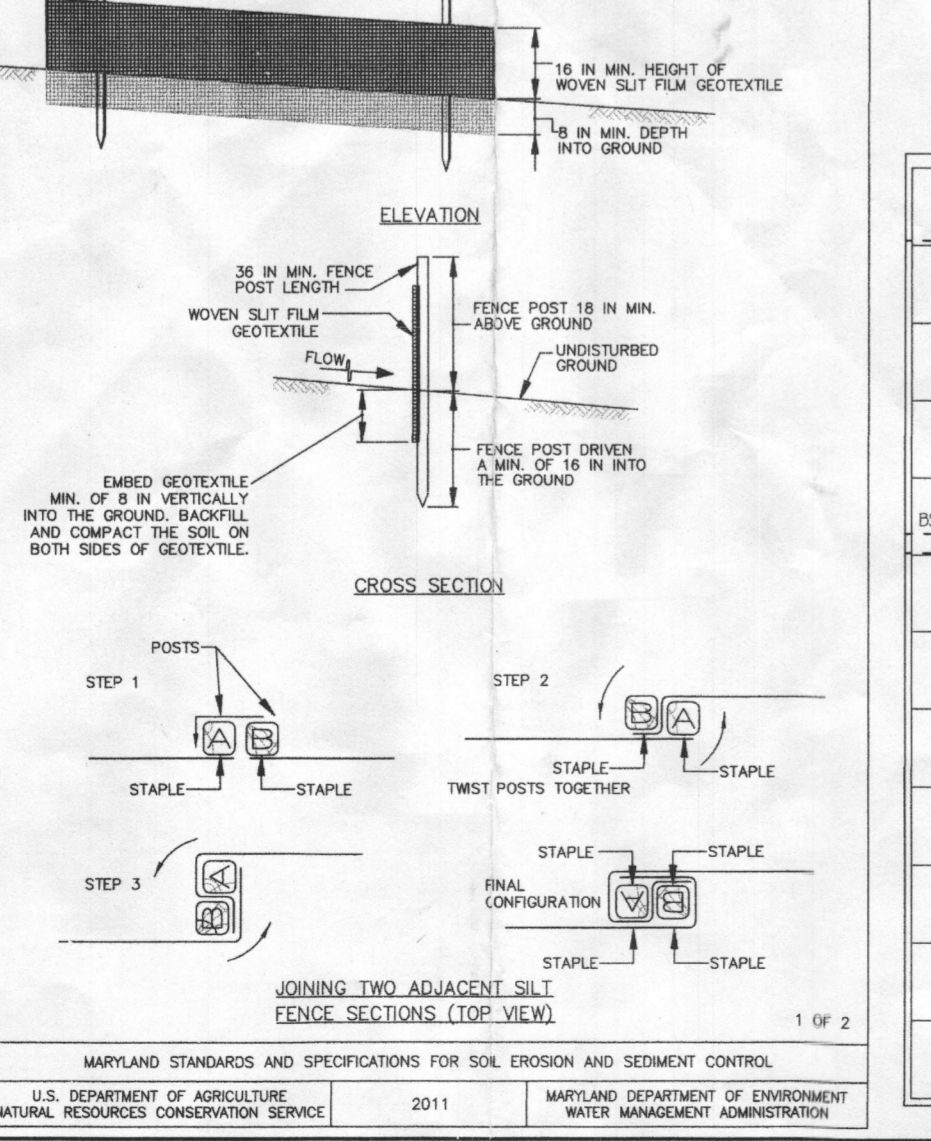
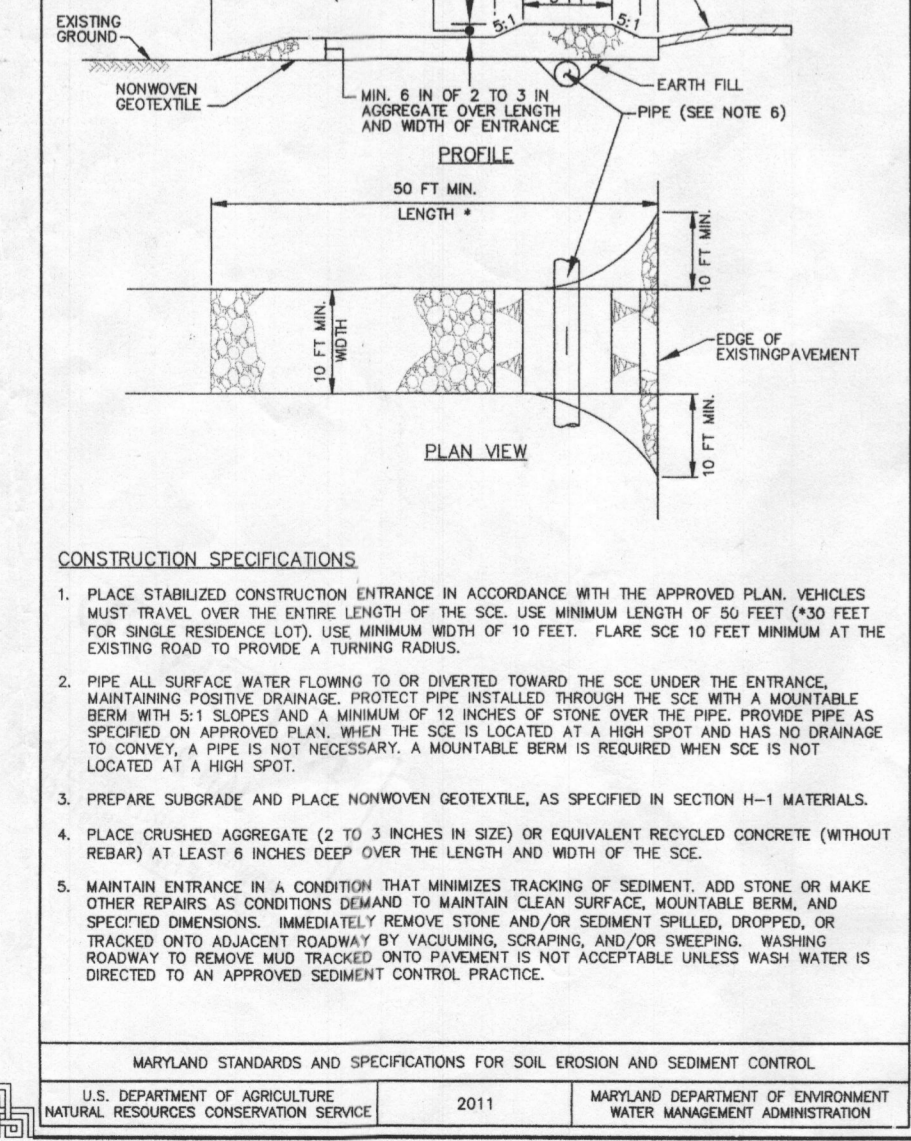
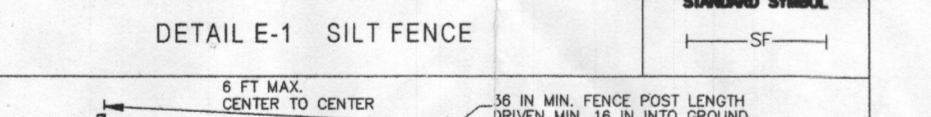
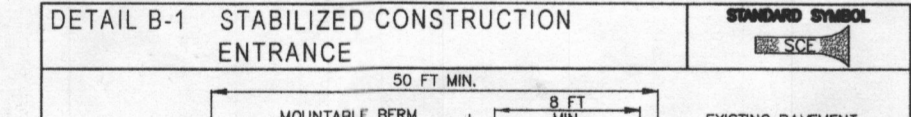
Purpose: To provide a designated location for the temporary storage of soil that controls the potential for erosion, sedimentation, and changes to drainage patterns.

- Criteria: 1. The stockpile location and all related sediment control practices must be clearly indicated on the erosion and sediment control plan.

DUST CONTROL: DUST CONTROL METHOD FOR THIS SITE TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES...

STANDARD STABILIZATION NOTE: FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

- A. THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SLOPES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND

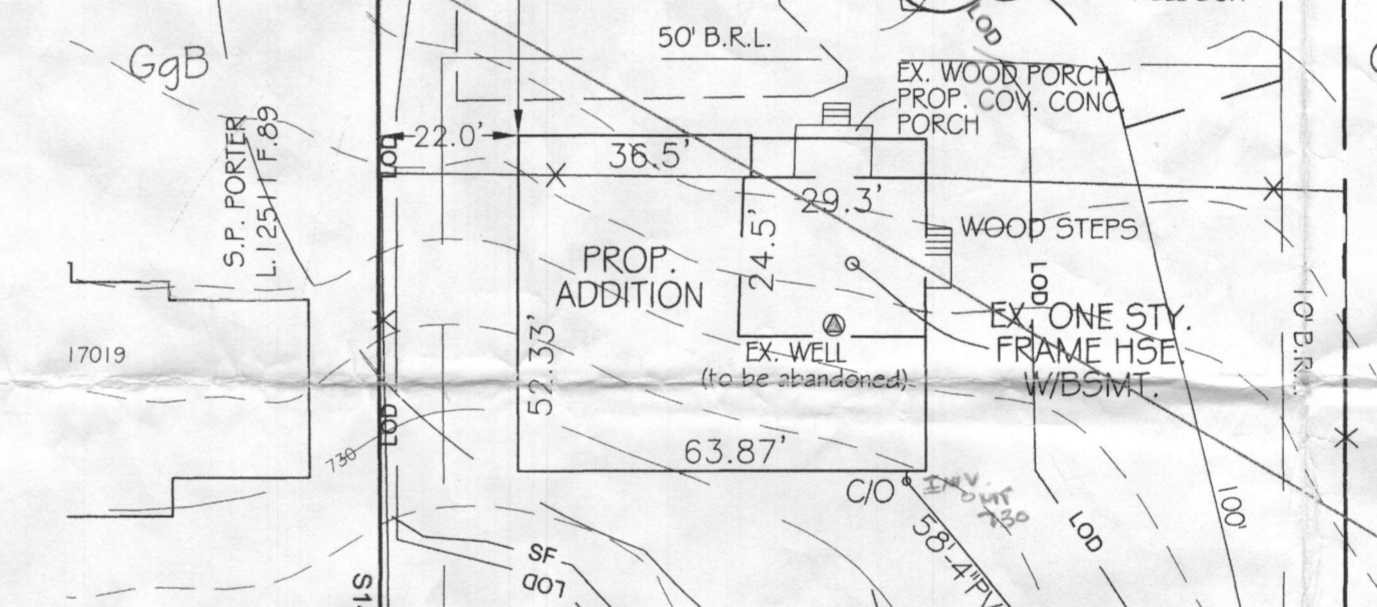


TEMPORARY STOCKPILE NOTE: SITE EARTHWORK HAS BEEN BALANCED SUCH THAT A TEMPORARY STOCKPILE SHOULD NOT BE NECESSARY.

- 1. OBTAIN ALL REQUIRED GRADING, MDE PERMITS, APPROVALS AND LICENSES FROM APPROPRIATE AGENCIES.

SEQUEL TO CONSTRUCTION: 1. OBTAIN ALL REQUIRED GRADING, MDE PERMITS, APPROVALS AND LICENSES FROM APPROPRIATE AGENCIES.

- 1. ANY CHANGE TO THE LOCATION OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION.



SEPTIC SYSTEM TRENCH DESIGN: INITIAL NUMBER OF BEDROOMS = 5, APPLICATION RATE = 1.2 GPD / sq.ft., DESIGN FLOW: 150 GPD X 5 BEDROOMS = 750 GPD

DEVELOPER'S CERTIFICATE: I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND EROSION CONTROL...

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 CONDITIONS...

