



# Building Permit Application

Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

Date Received: 2/19/2020

Permit No.: B200005603

Building Address: 14502 OLD FREDERICK RD  
City: State: Zip Code:  
Suite/Apt. # SDP/WP/BA #:  
Subdivision:  
Lot: Tax Map: Parcel:

Existing Use:  
Proposed Use:  
Estimated Construction Cost: \$  
Description of Work:

Occupant/Tenant Name:  
Was tenant space previously occupied? ☐ Yes ☐ No  
Contact Name:  
Address:  
City: State: Zip Code:  
Phone: Fax:  
Email:

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	Depth Width
Gross area, sq. ft./floor:	1st floor:
	2nd floor:
Area of construction (sq. ft.):	Basement:
	<input type="checkbox"/> Finished Basement
Use group:	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
Construction type:	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:
<input type="checkbox"/> Structural Steel	Multi-family Dwelling
<input type="checkbox"/> Masonry	No. of efficiency units:
<input type="checkbox"/> Wood Frame	No. of 1 BR units:
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
➤ Roadside Tree Project Permit	Footings:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Property Owner's Name:  
Address:  
City: State: Zip Code:  
Phone: Fax:  
Email:

Applicant's Name & Mailing Address, (If other than stated herein)  
Applicant's Name:  
Address:  
City: State: Zip Code:  
Phone: Fax:  
Email:

Contractor Company:  
Contact Person:  
Address:  
City: State: Zip Code:  
License No. :  
Phone: Fax:  
Email:

Engineer/Architect Company:  
Responsible Design Prof.:  
Address:  
City: State: Zip Code:  
Phone: Fax:  
Email:

Utilities	
Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	04100286
Building Shell Permit Number:	B319004199

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 ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature

Email Address

Title/Company

Print Name

Date

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*

-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA ( Zoning )		
PSZA ( Engineering )		
Health	2/25/20	AM

Is Sediment Control approval required for issuance? ☐ Yes ☐ No  
☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#

ution of Copies: White: Building Officials Green: PSZA,Zoning

Yellow: PSZA,Engineering

Pink: Health

Gold: SHA



CBI Hones Quartz Hill Lot 7  
 14562 Old Frederick Rd  
 20784  
 20784

SECTION 1. GENERAL NOTES AND SPECIFICATIONS FOR THE PREPARATION, SUBMITTAL, AND USE OF THE SUBDIVISION MAP.

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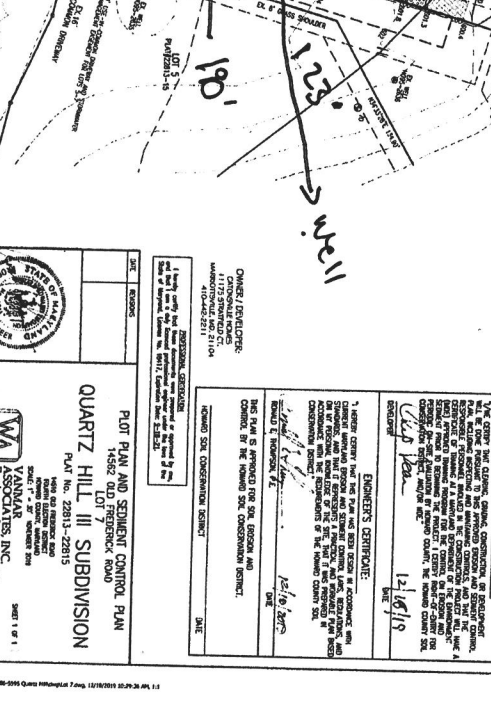
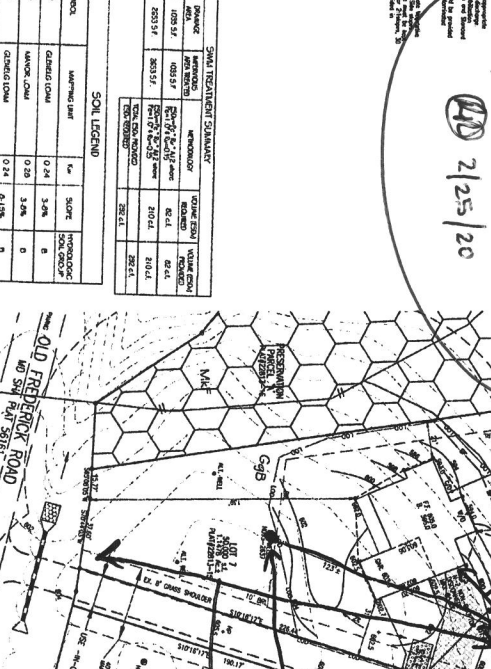
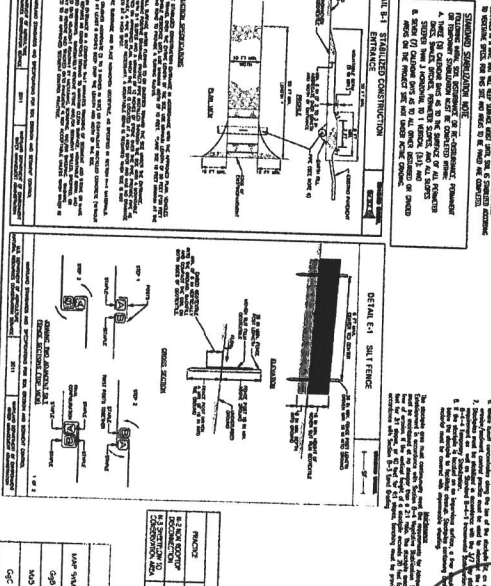
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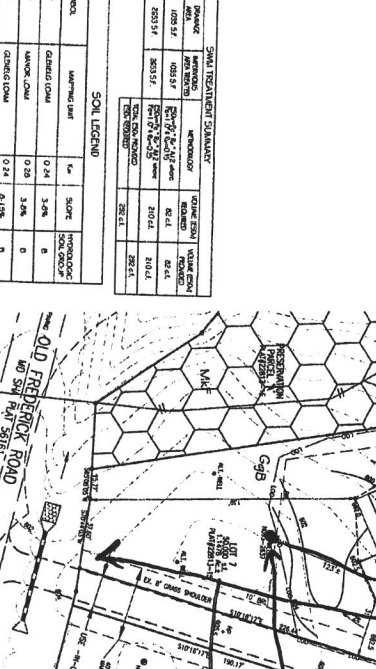
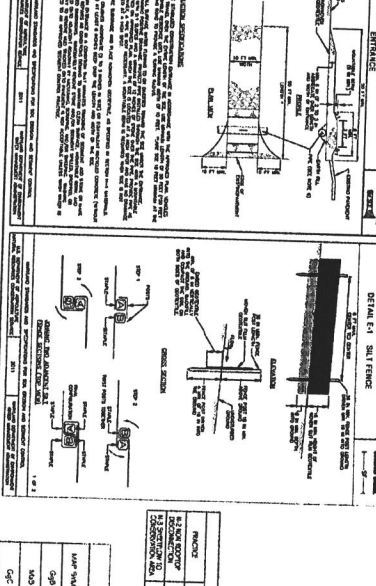
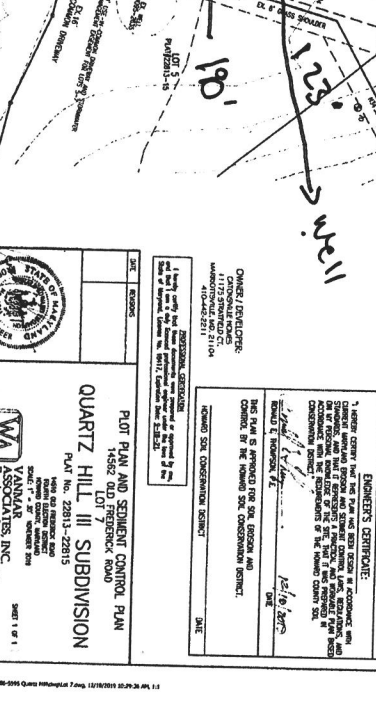
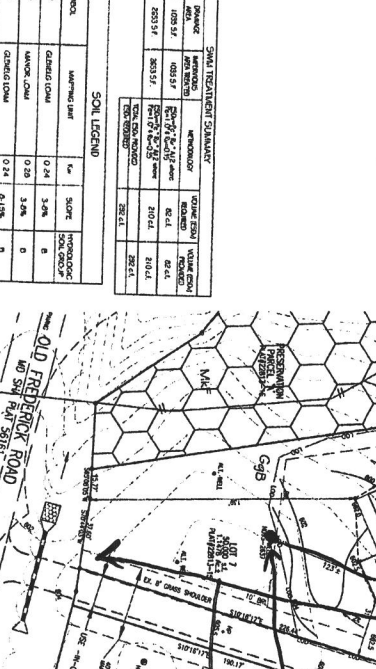
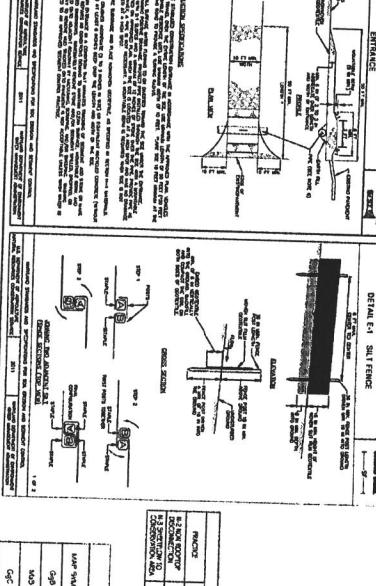
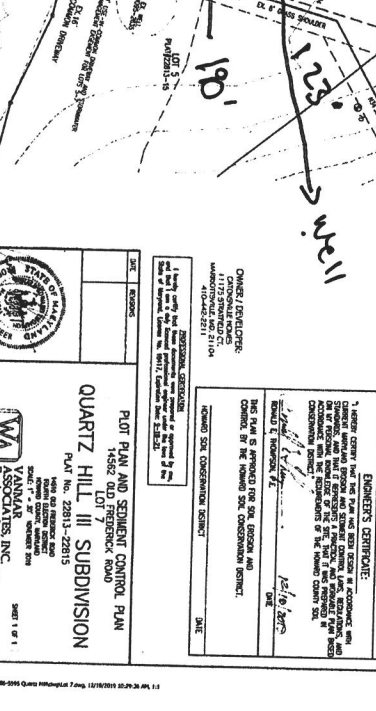
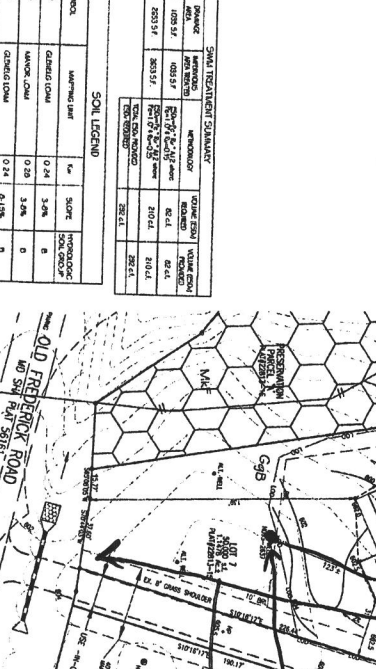
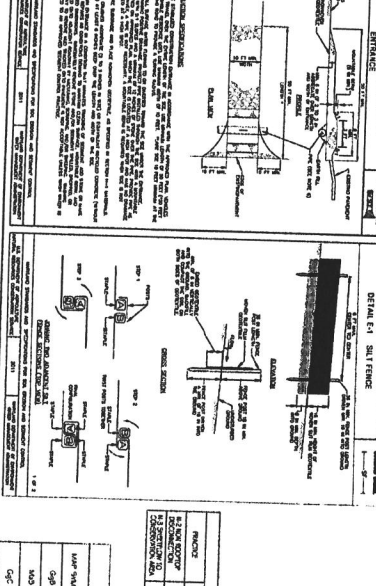
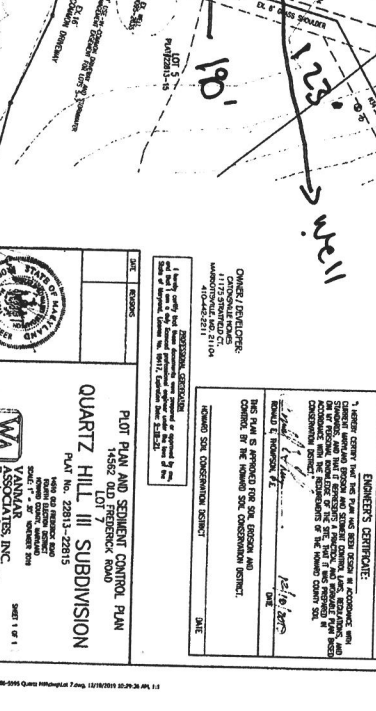
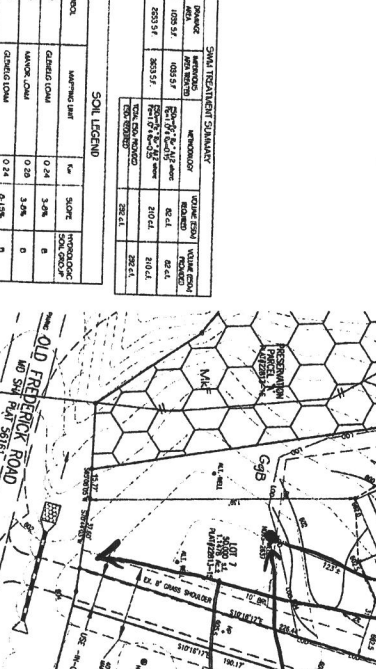
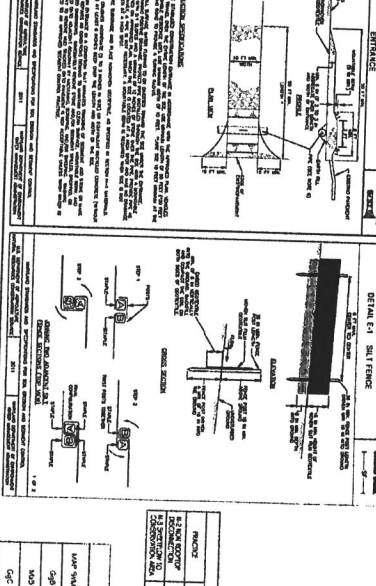
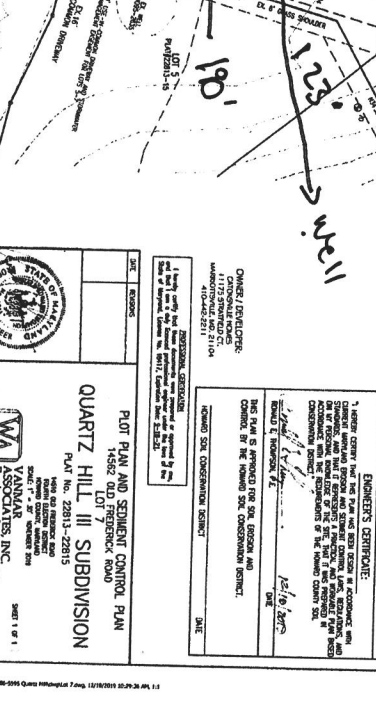
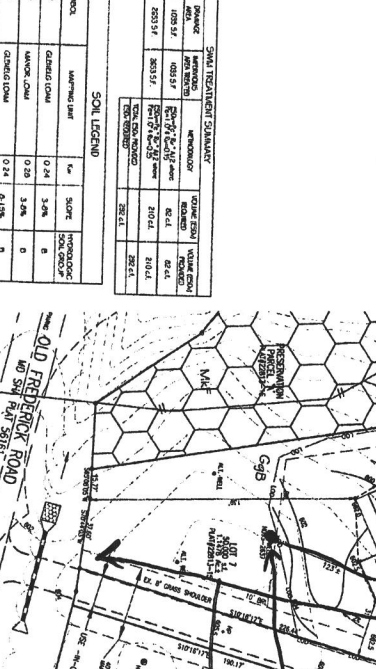
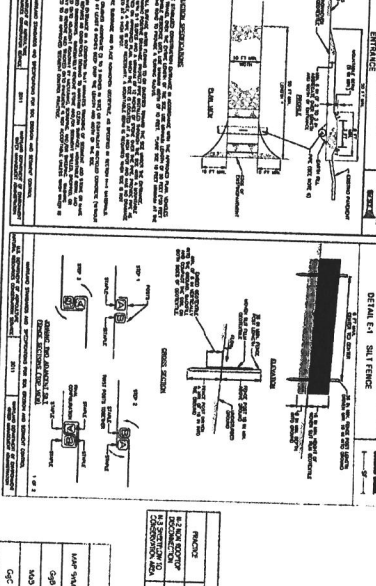
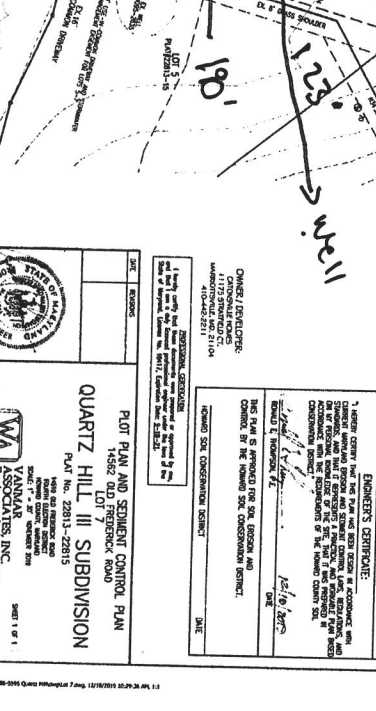
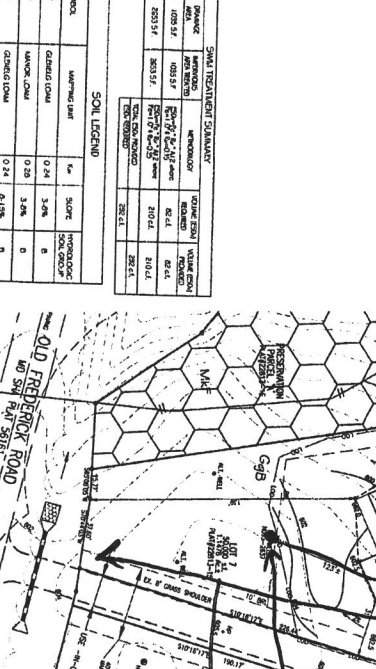
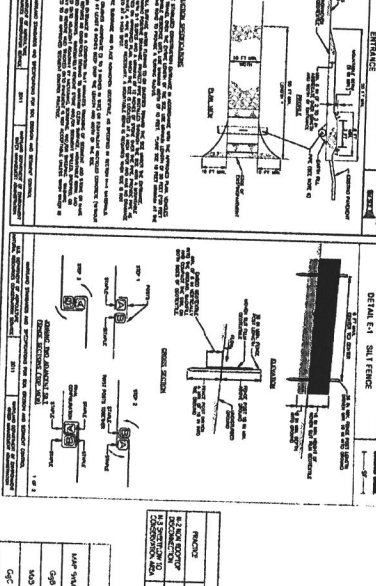
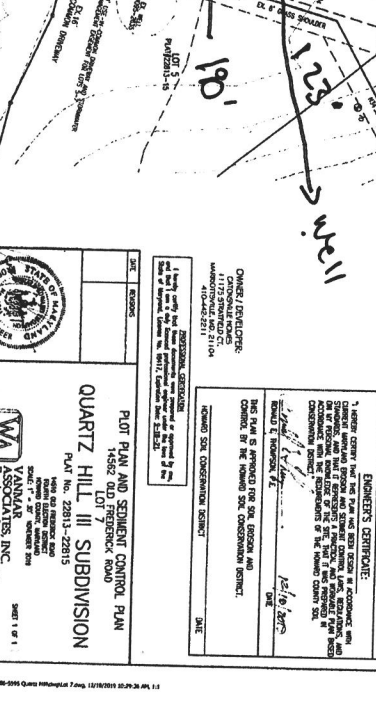
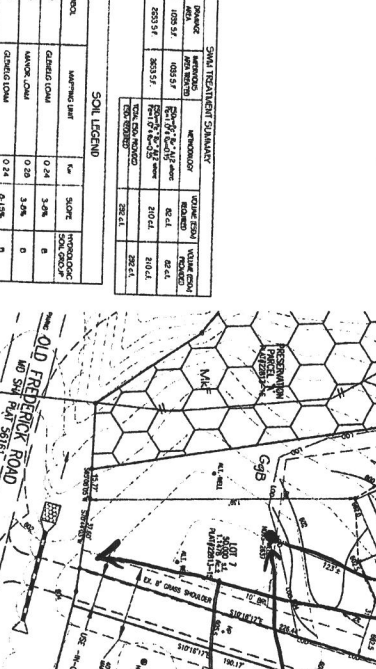
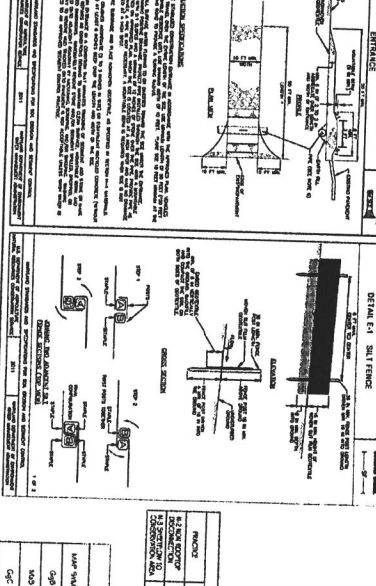
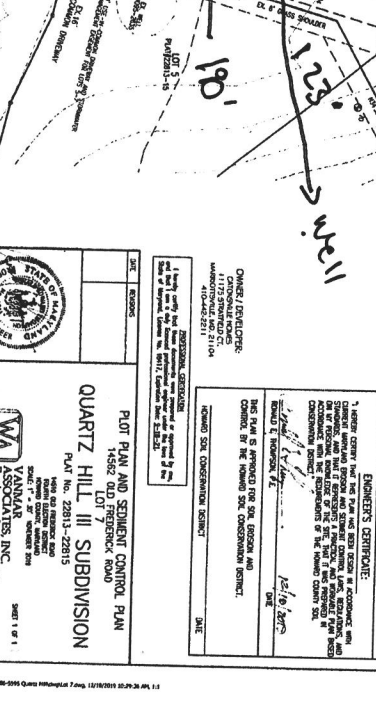
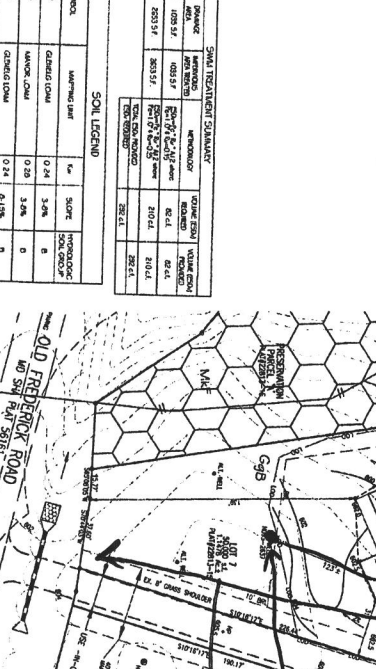
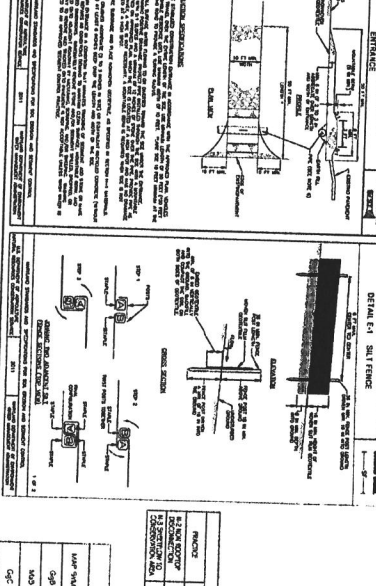
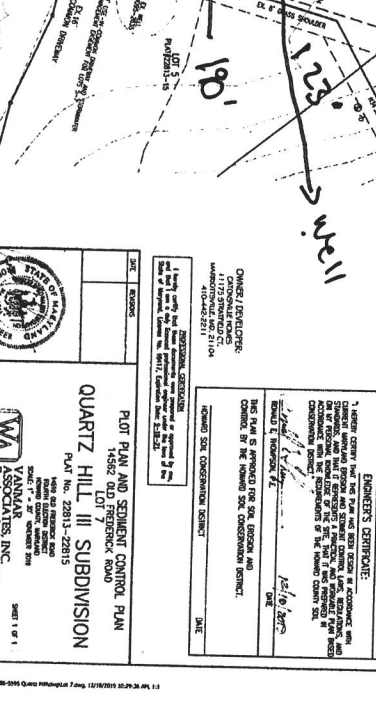
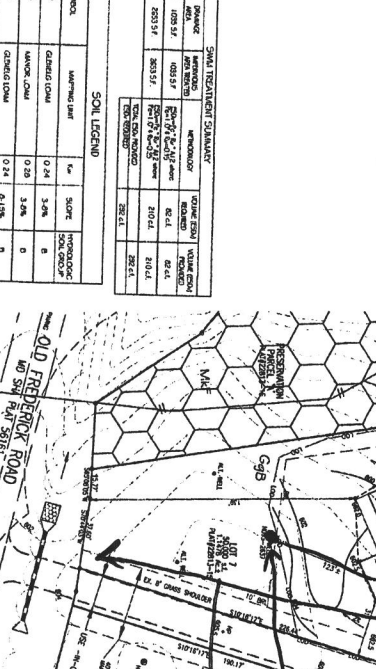
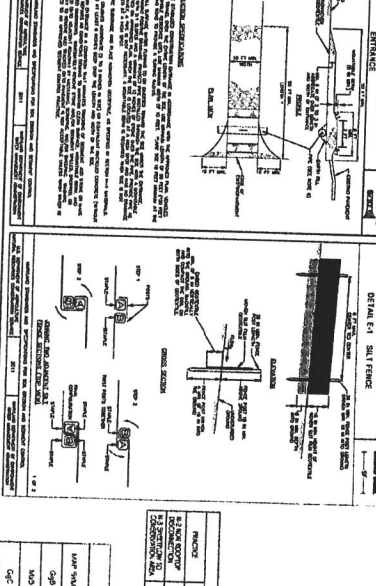
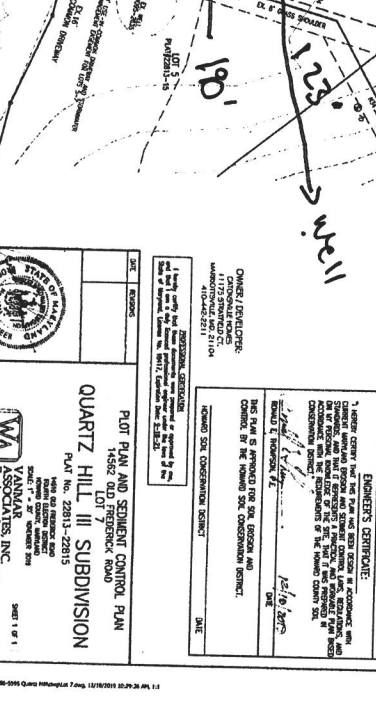
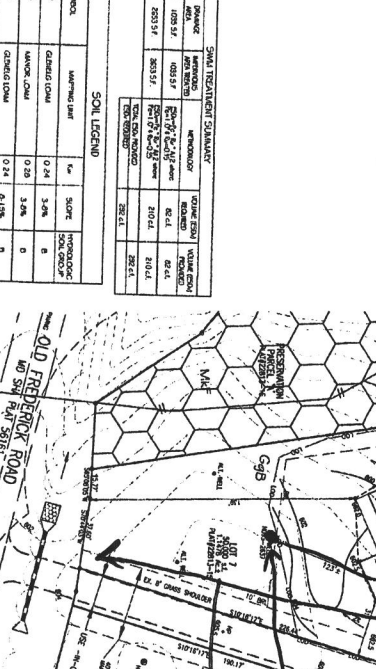
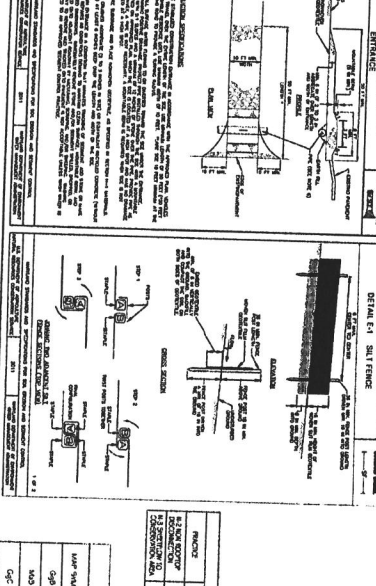
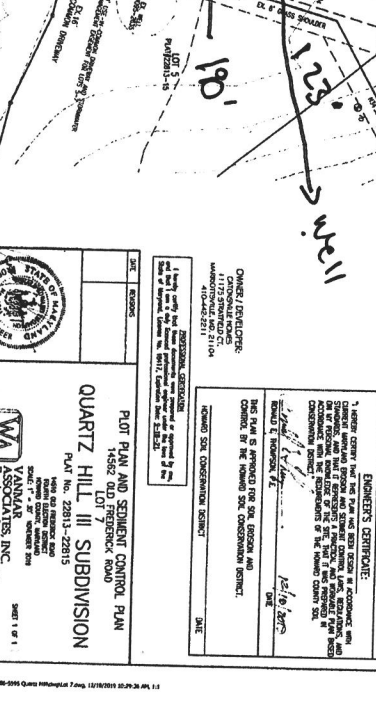
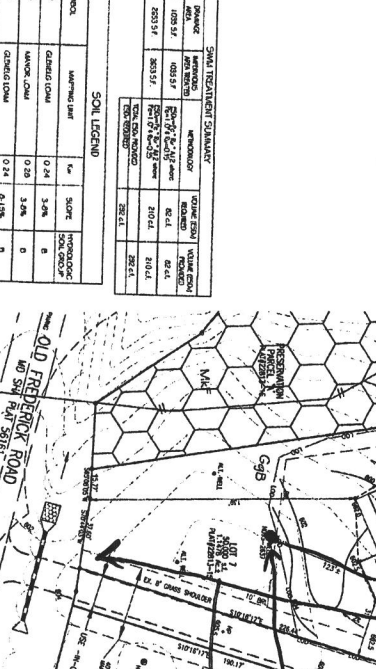
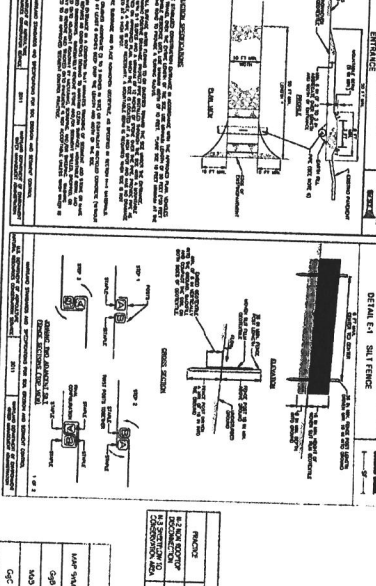
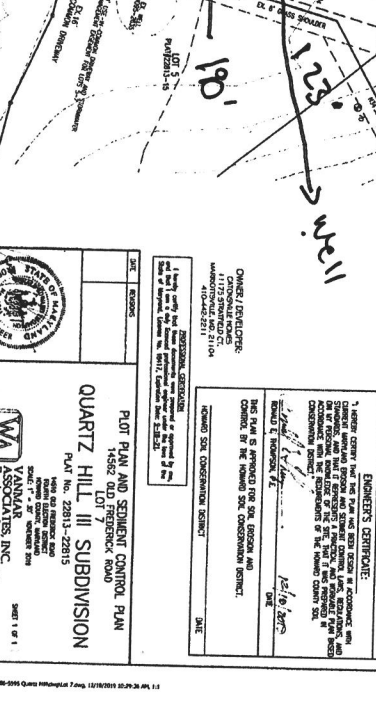
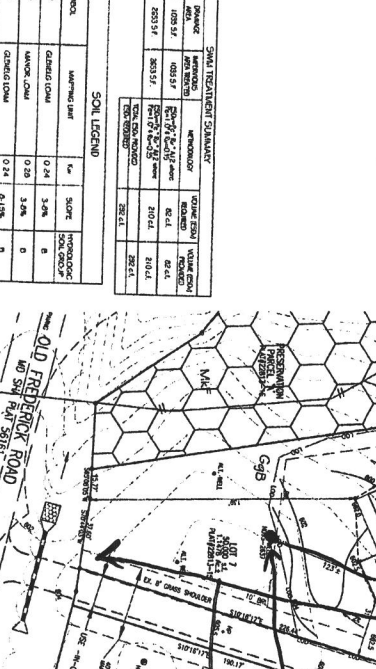
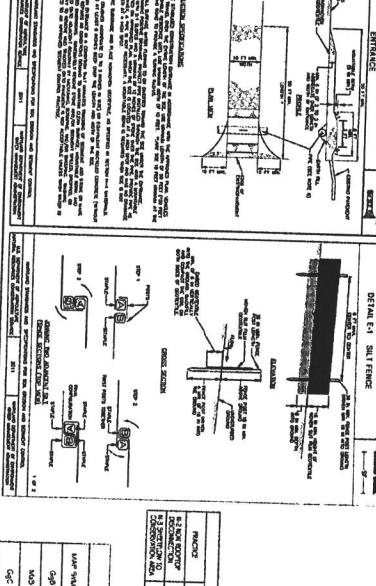
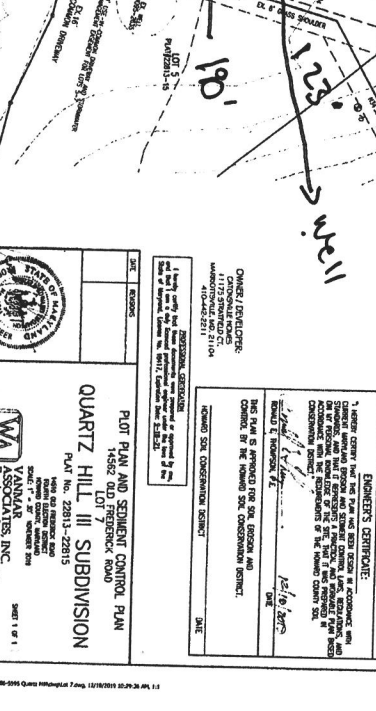
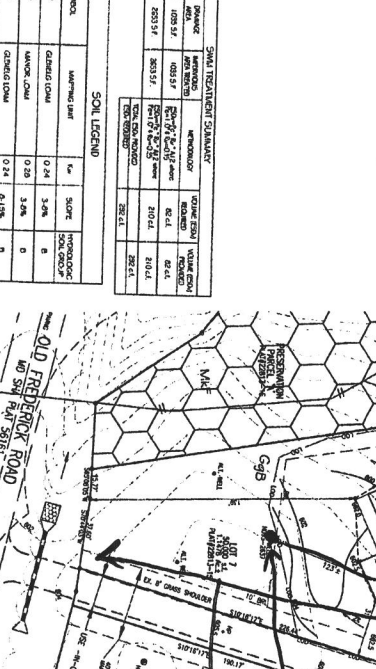
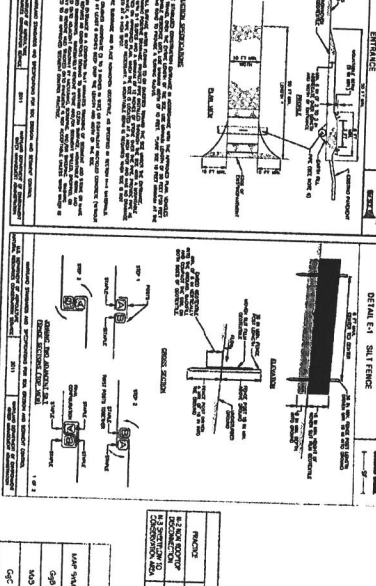
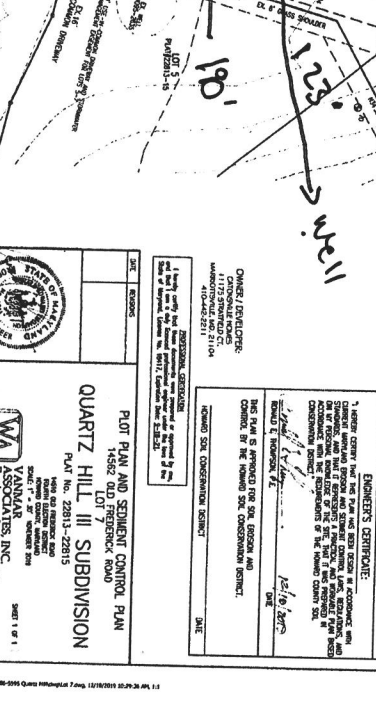
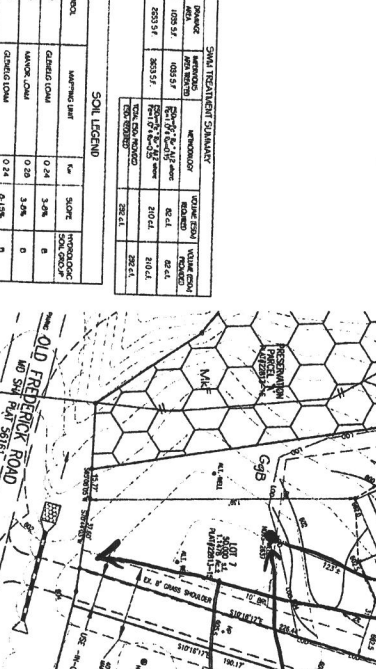
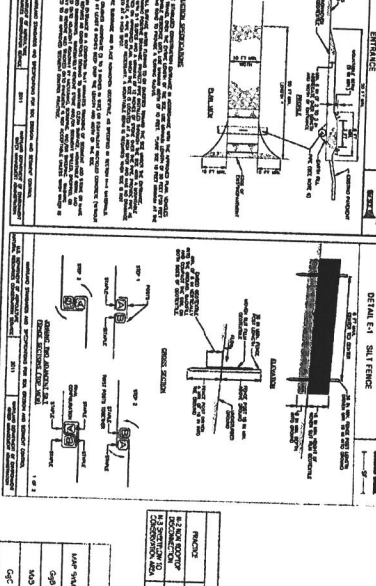
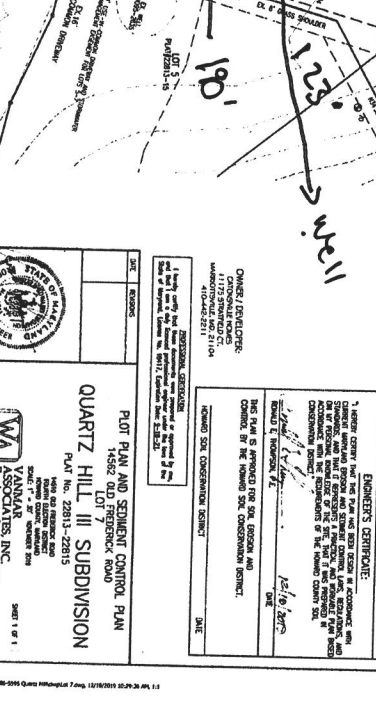
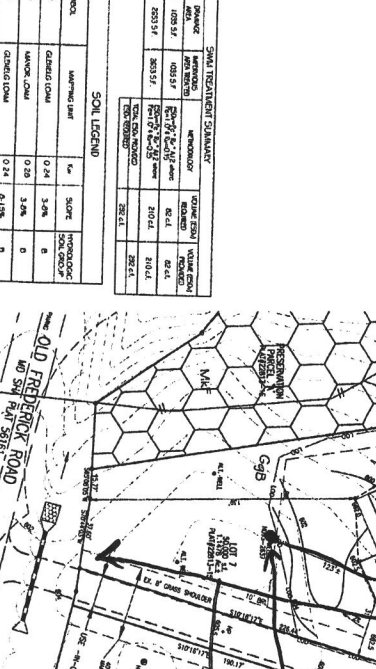
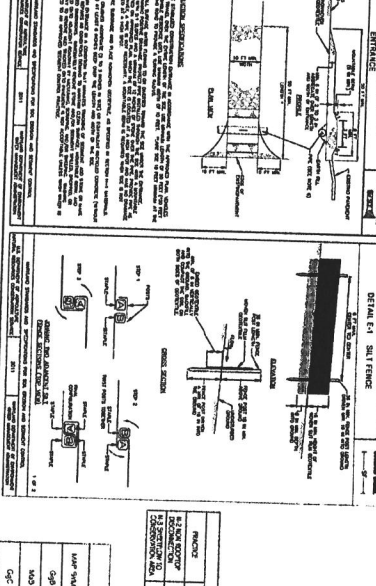
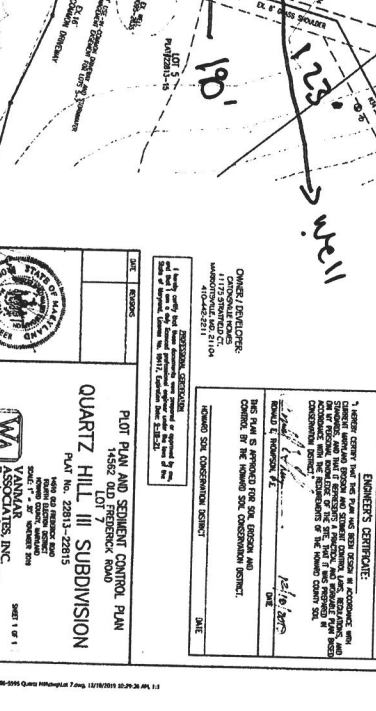
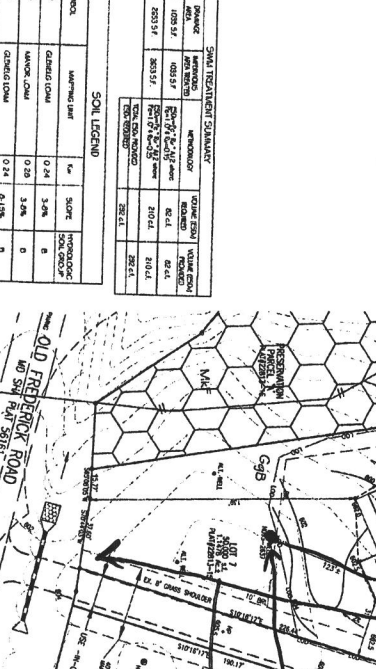
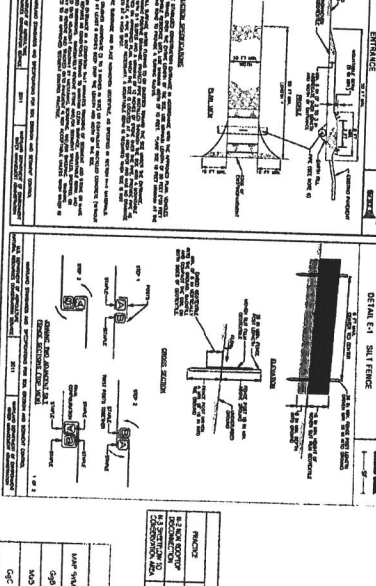
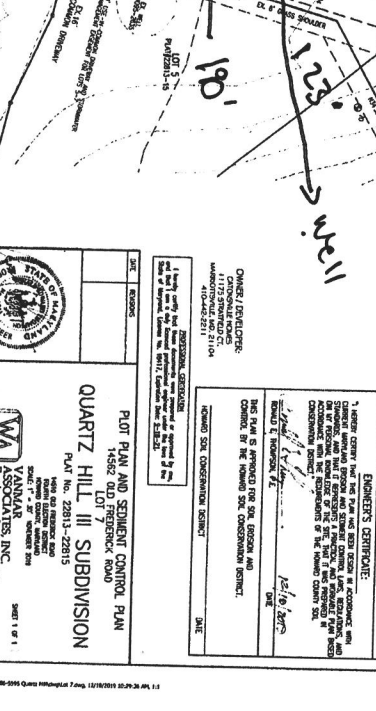
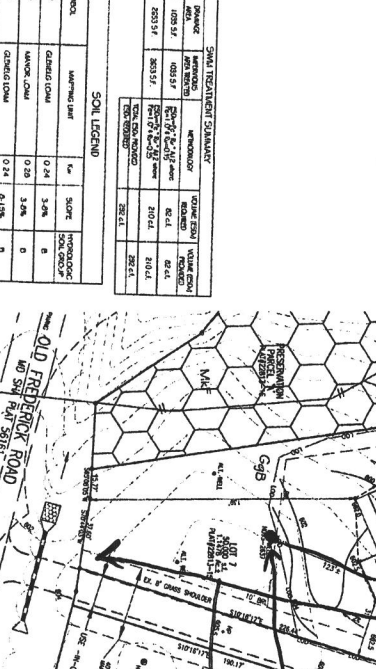
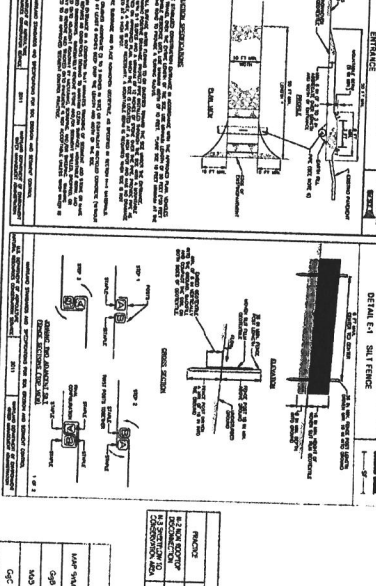
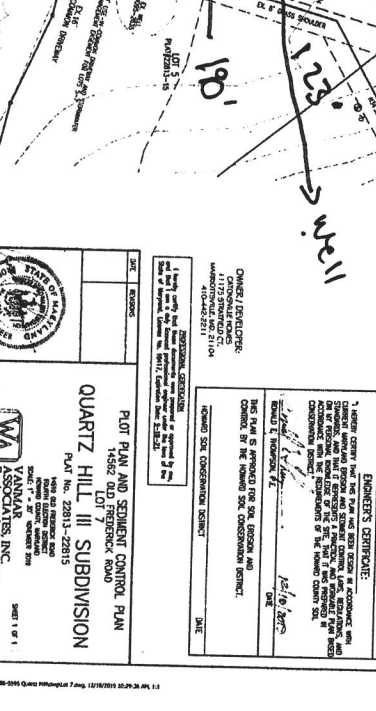
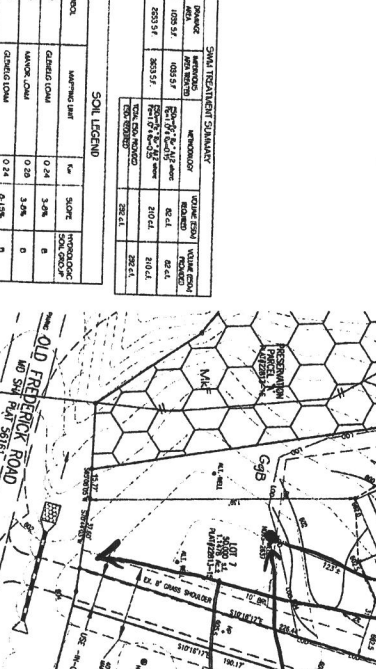
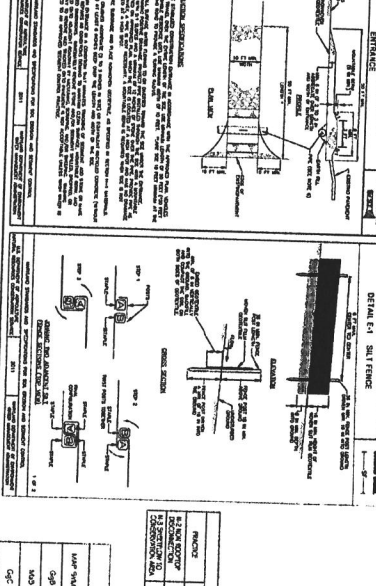
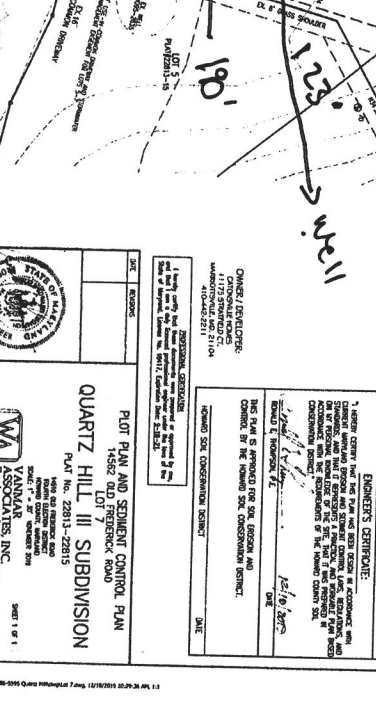
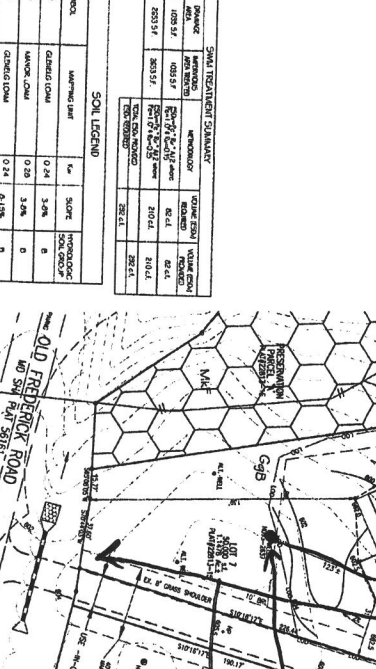
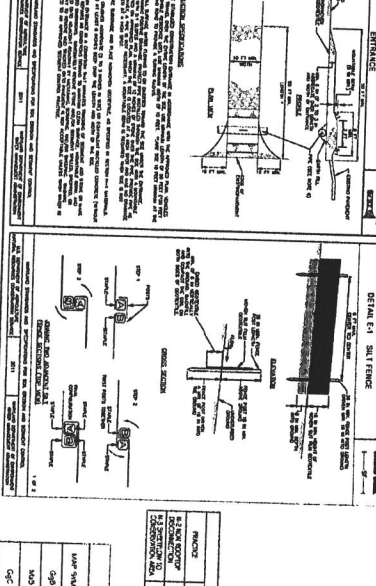
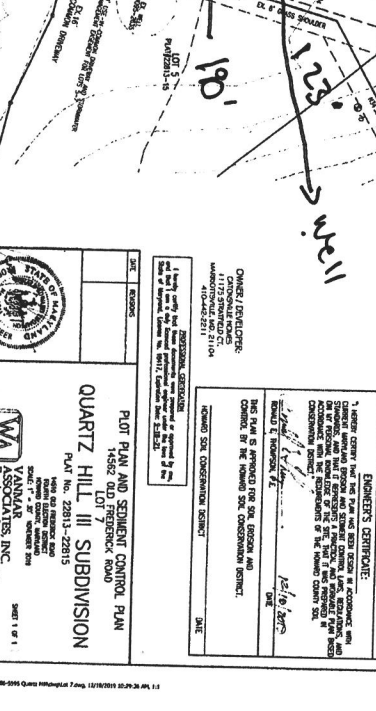
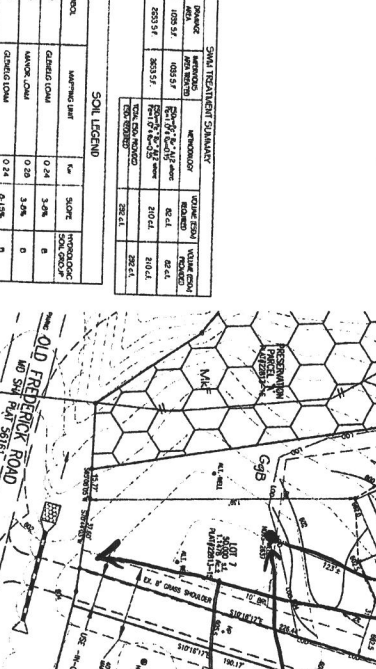
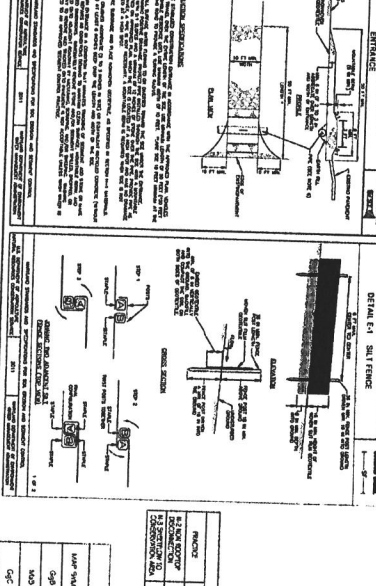
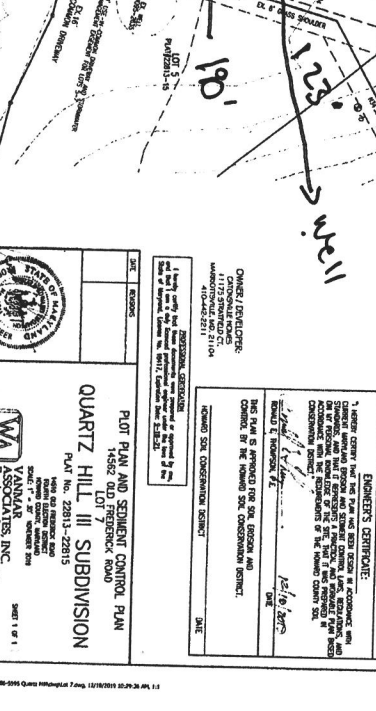
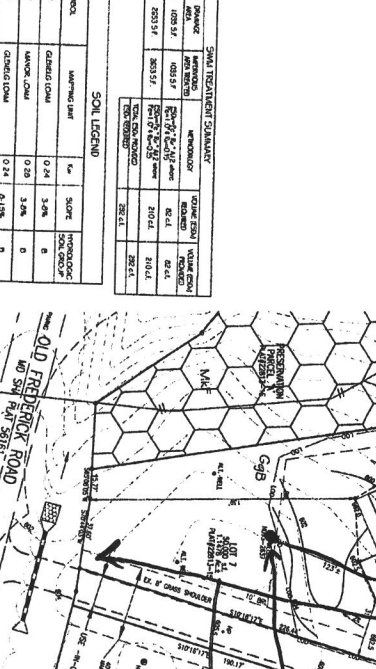
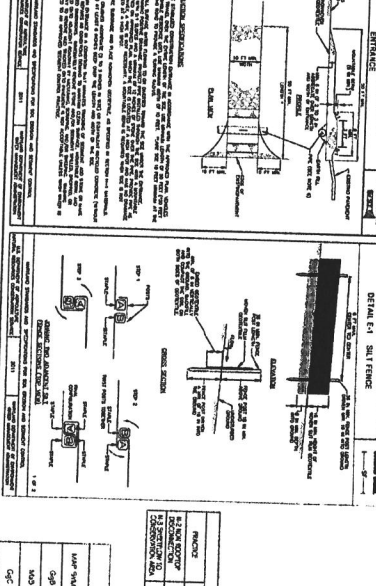
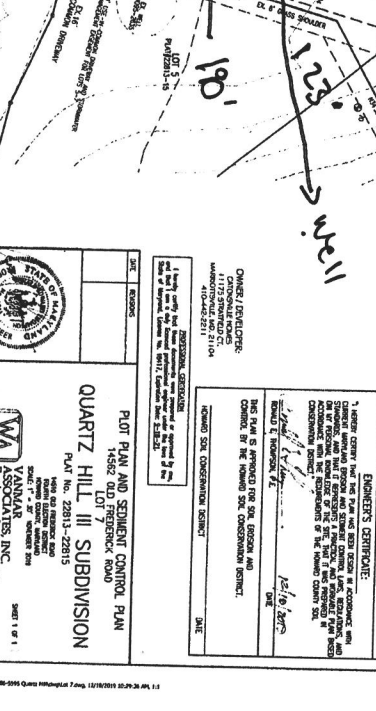
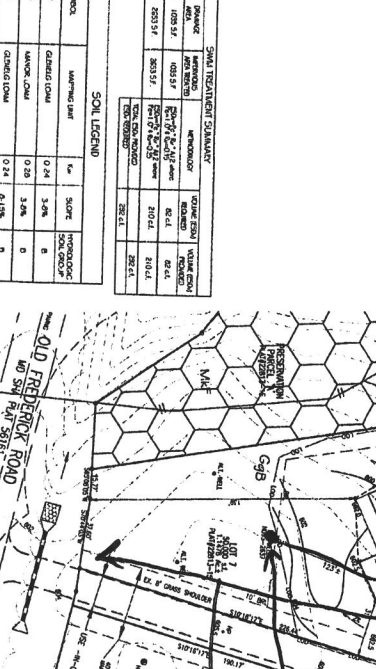
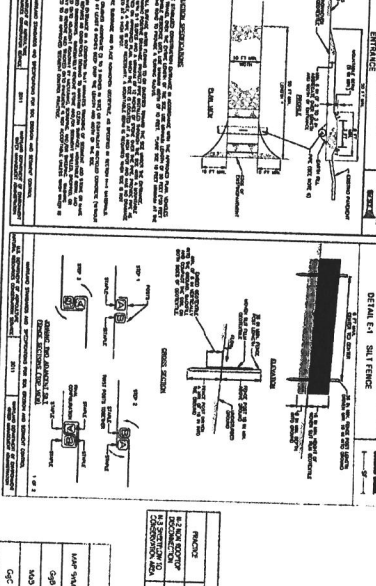
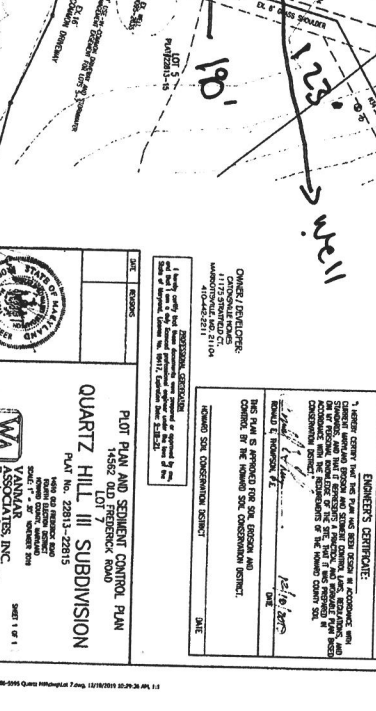
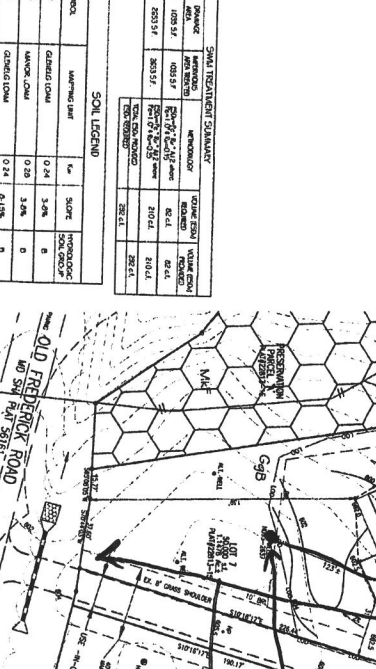
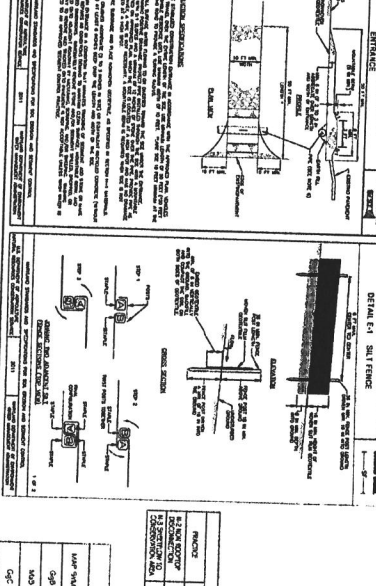
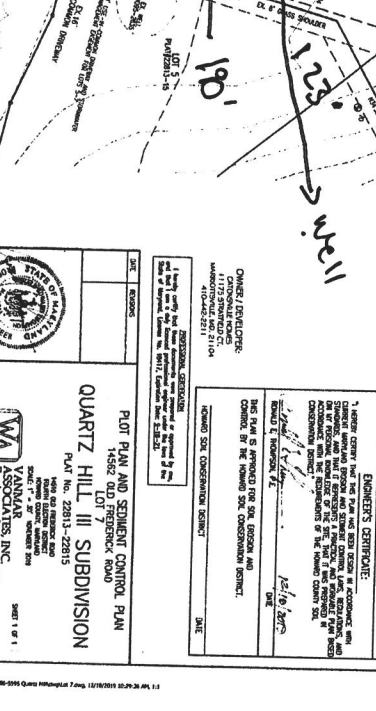
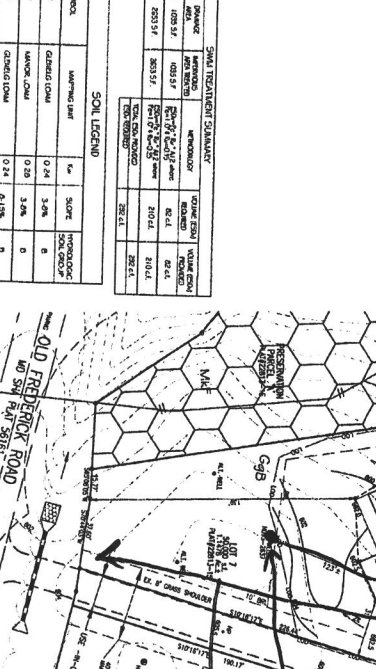
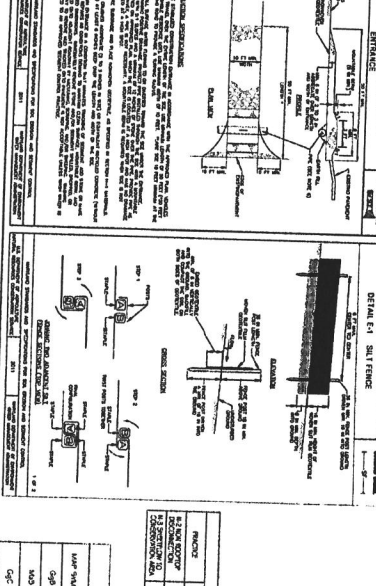
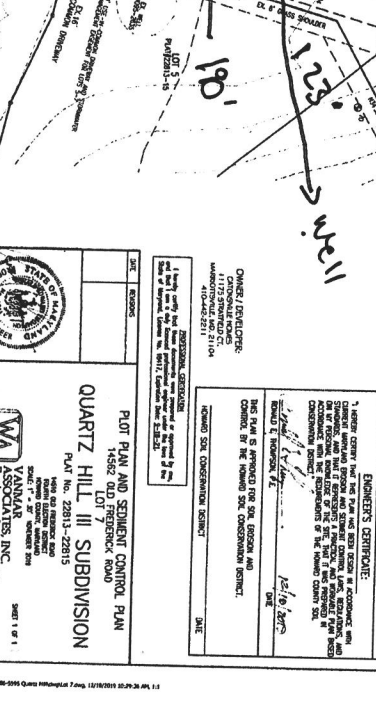
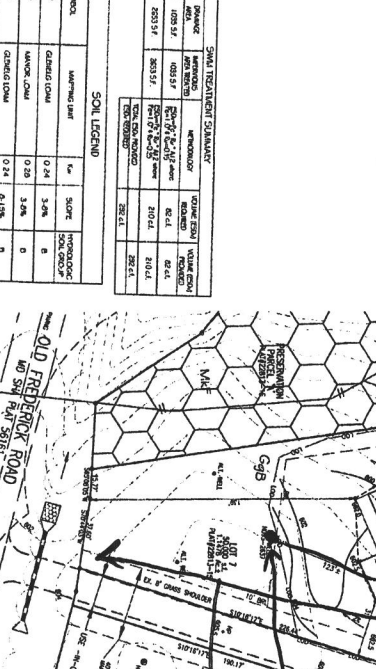
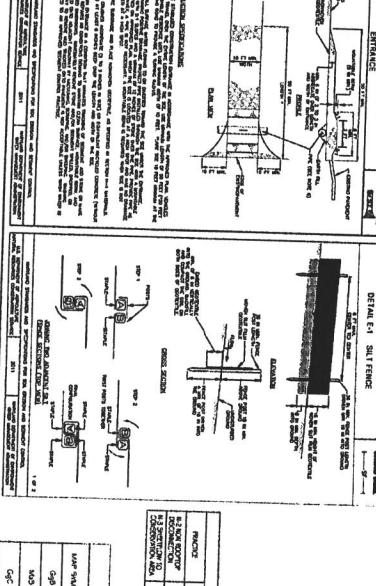
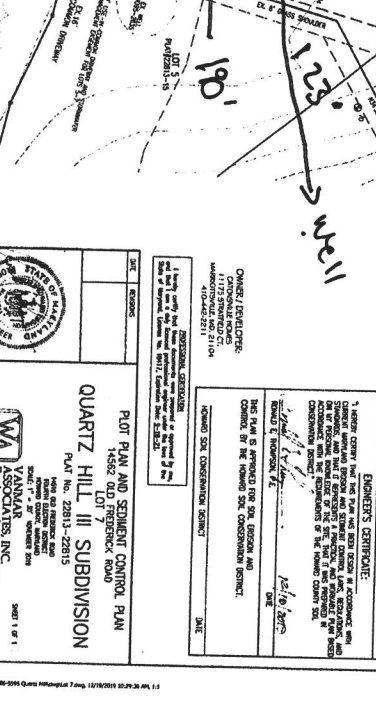
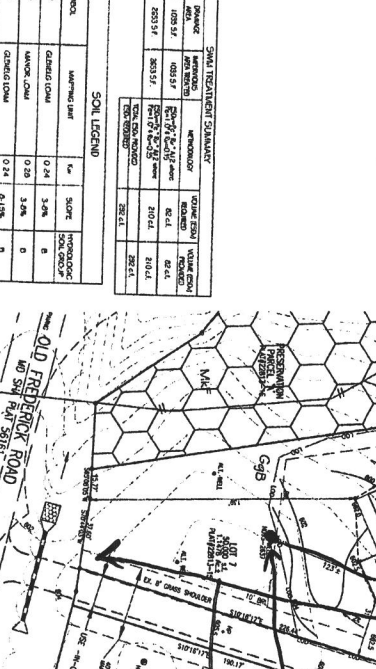
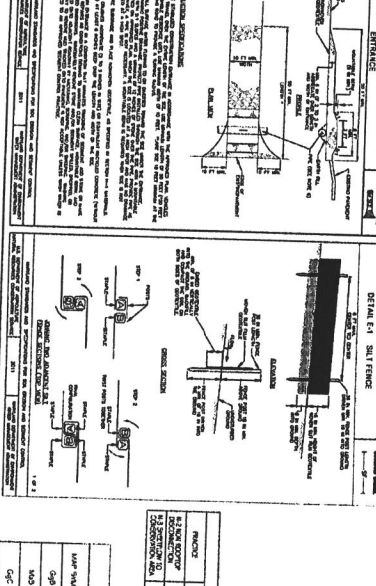
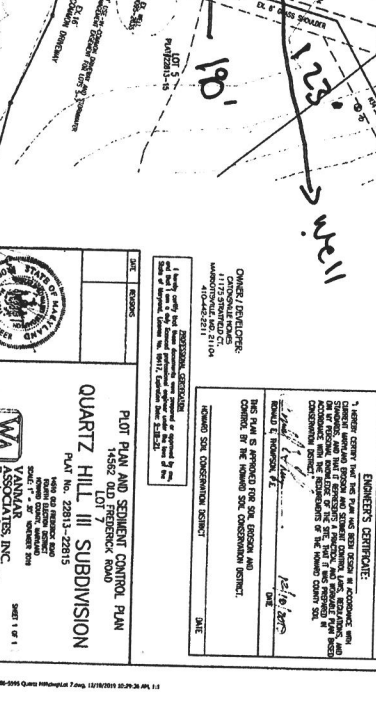
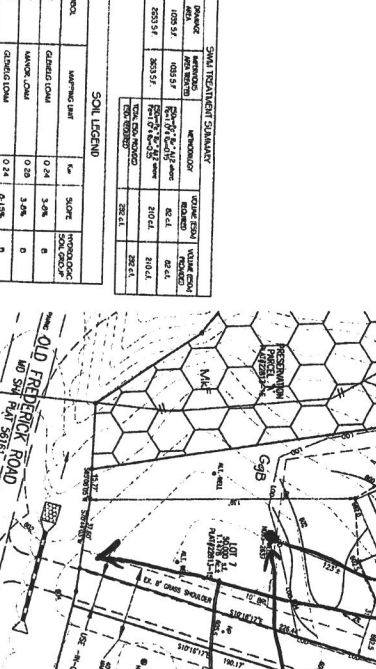
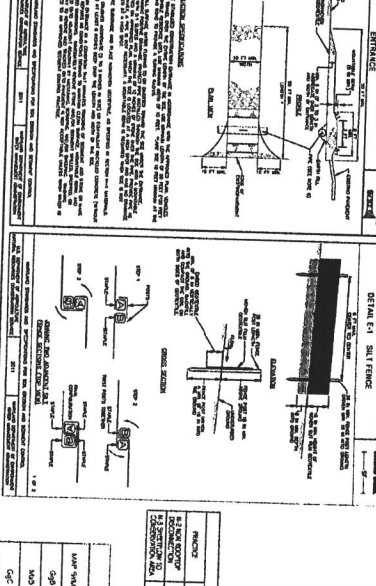
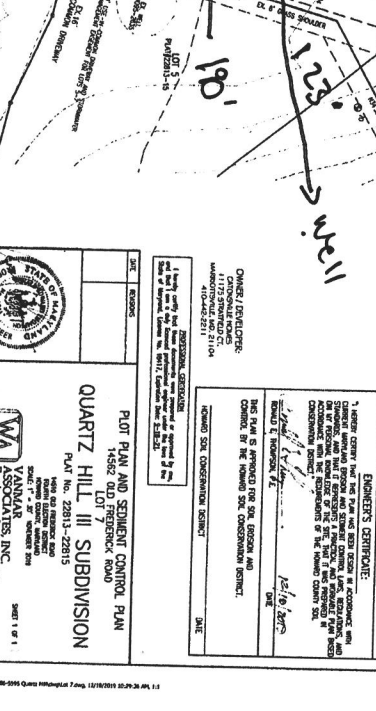
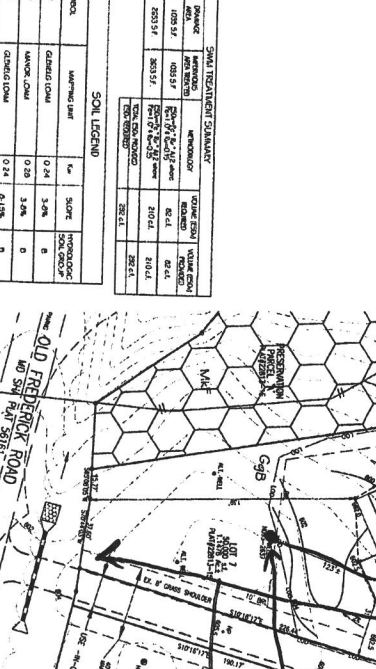
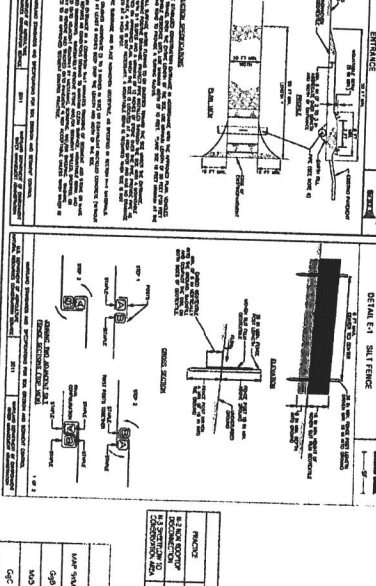
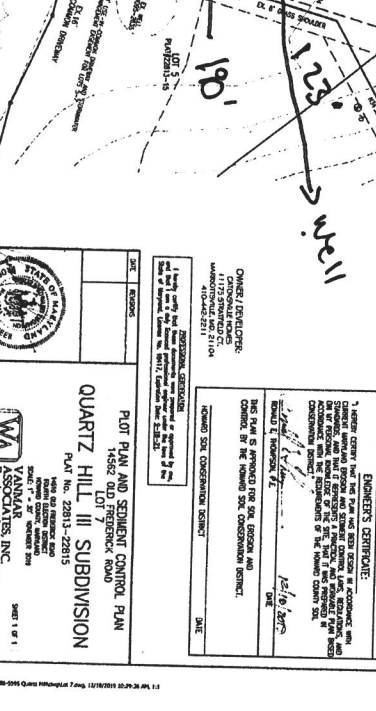
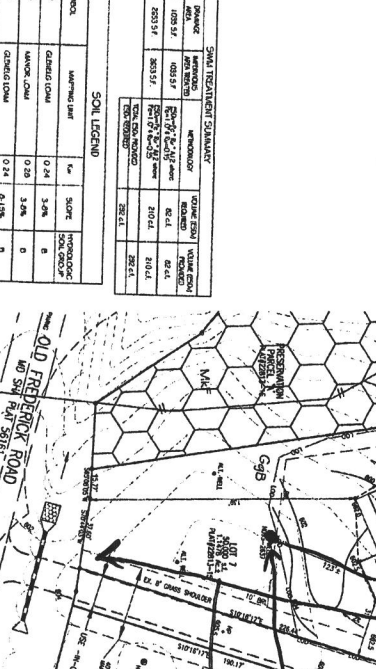
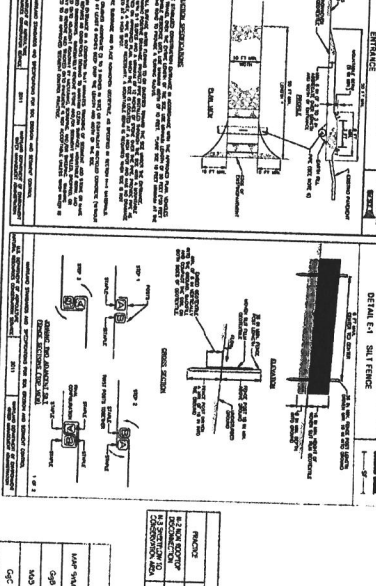
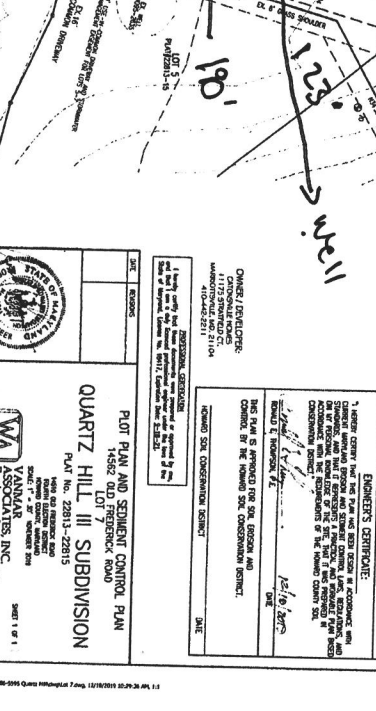
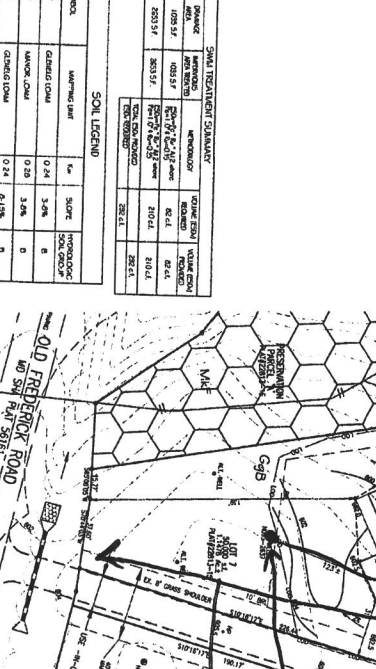
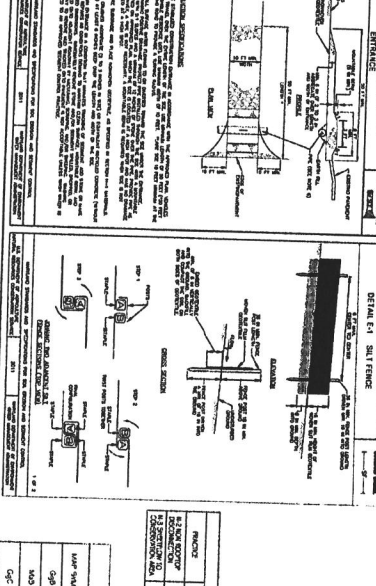
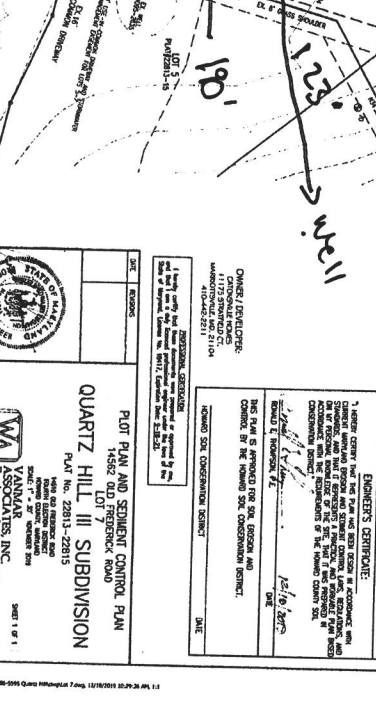
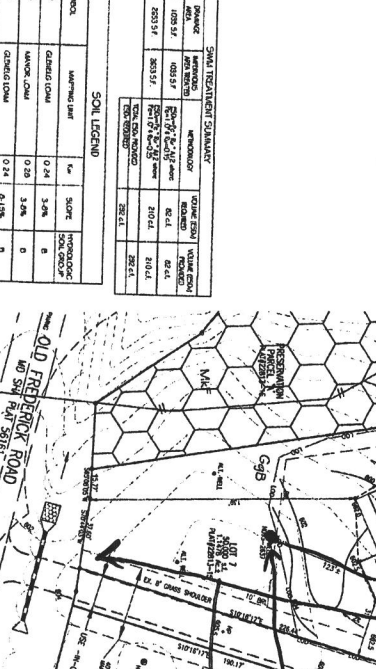
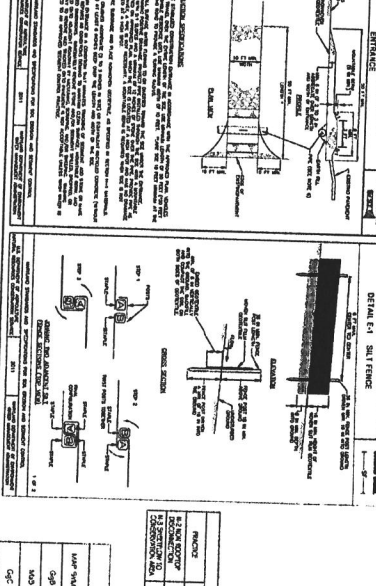
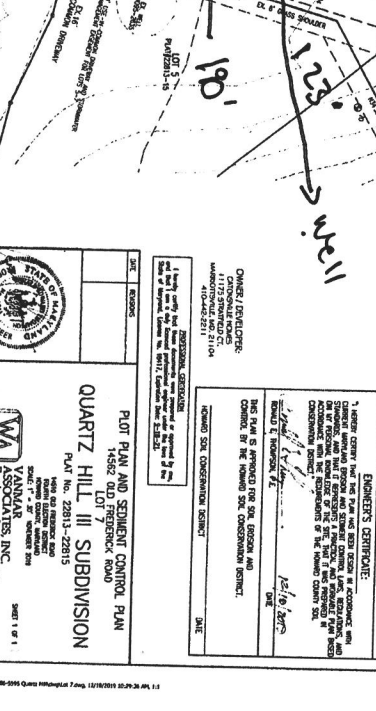
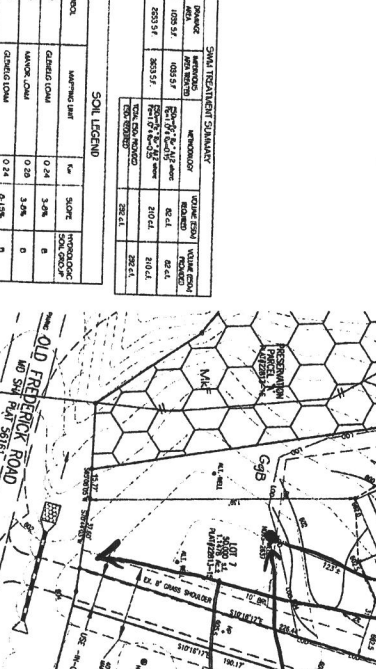
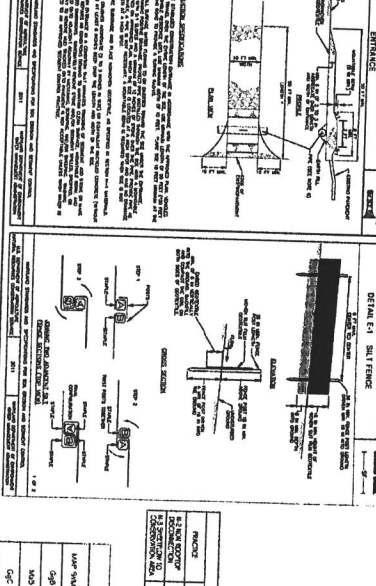
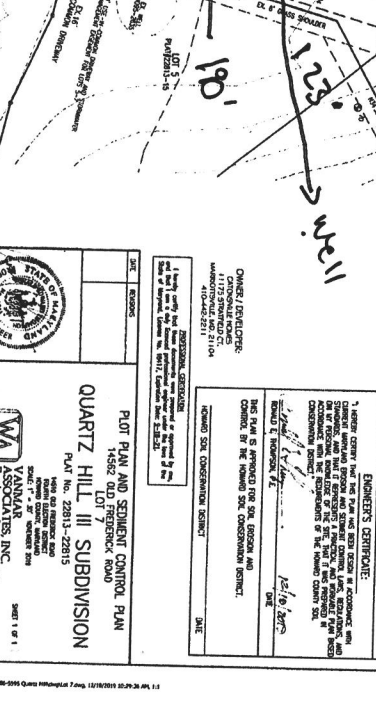
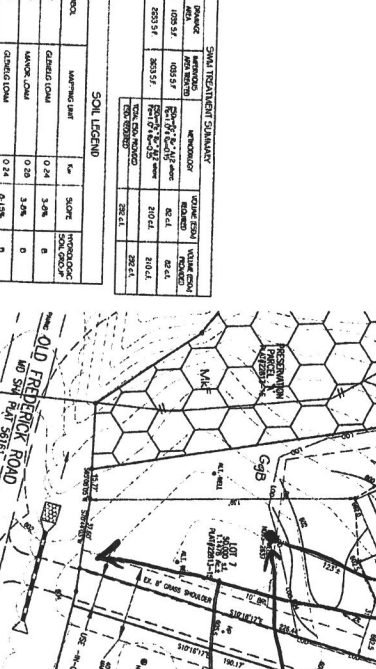
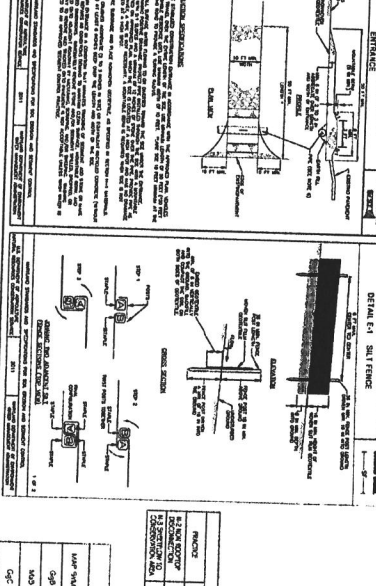
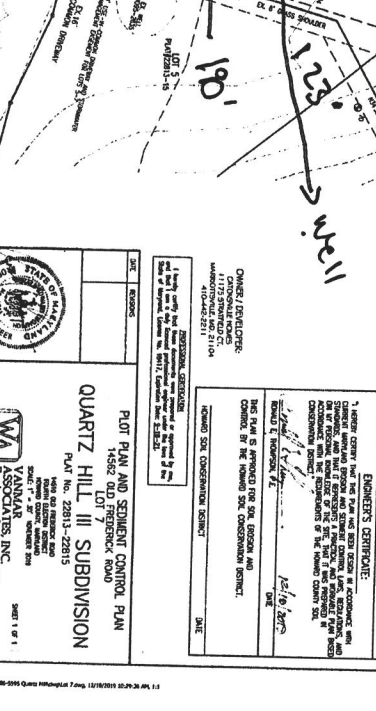
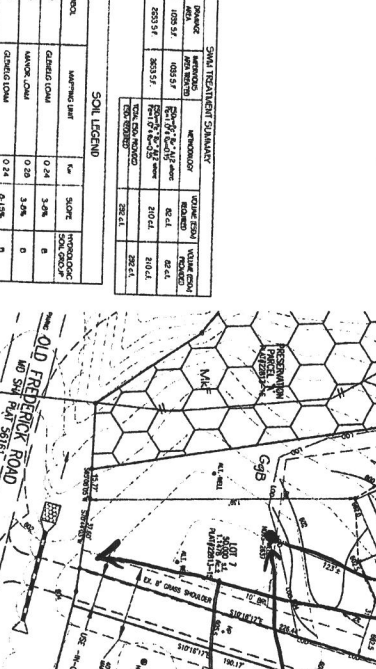
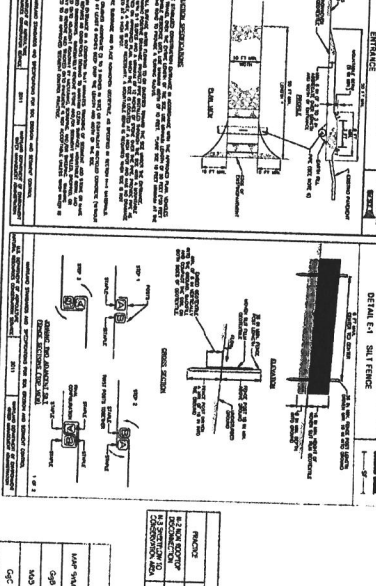
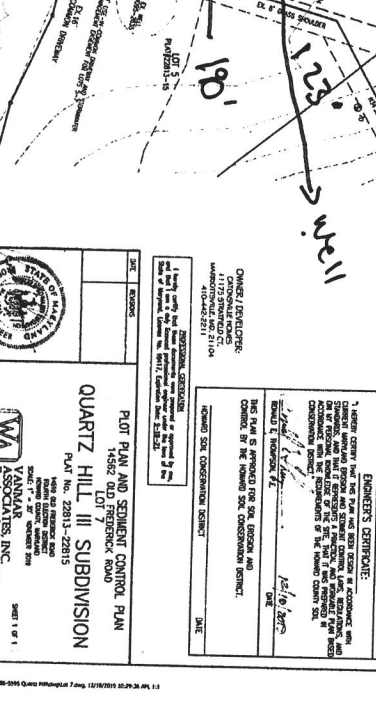
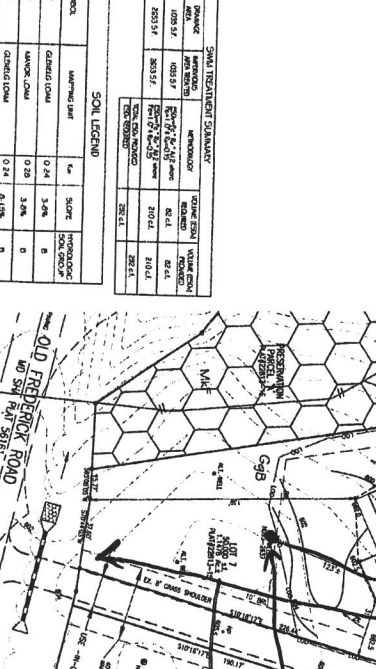
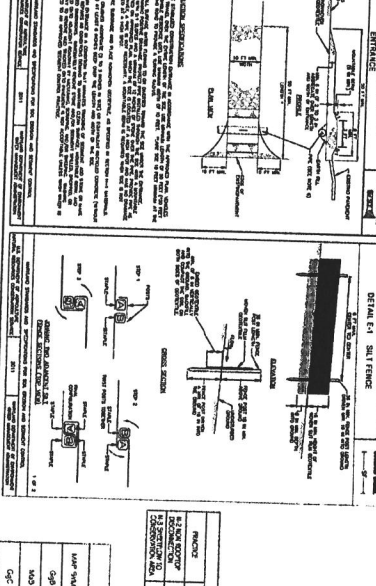
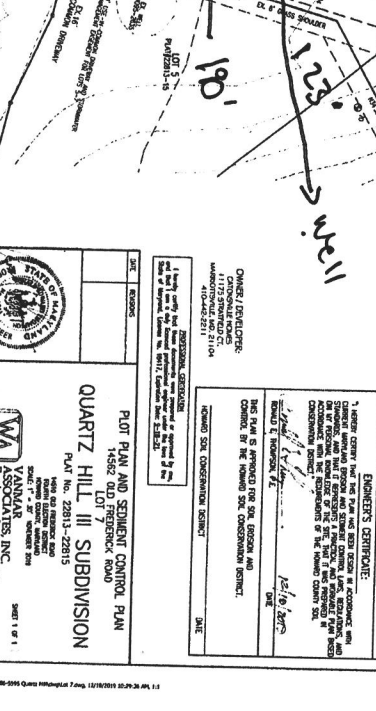
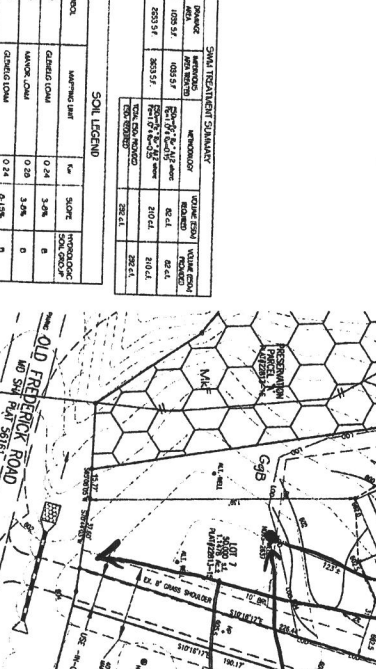
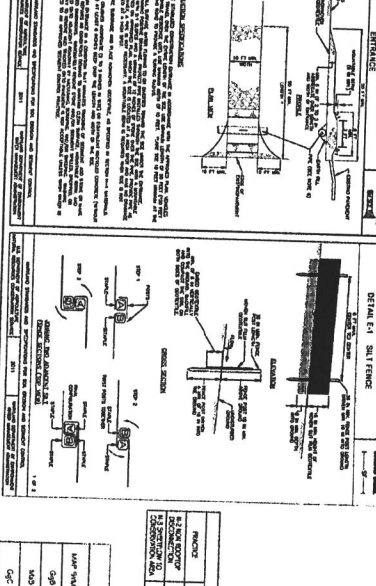
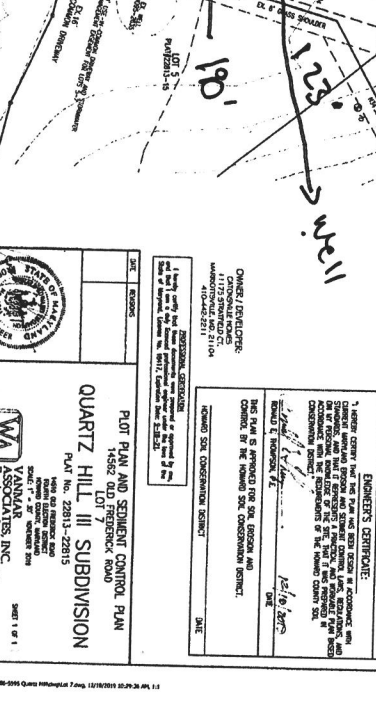
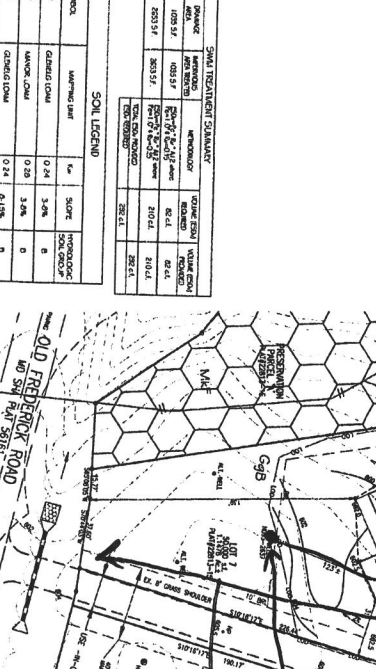
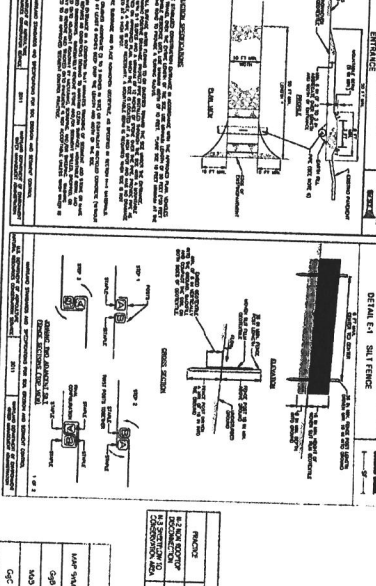
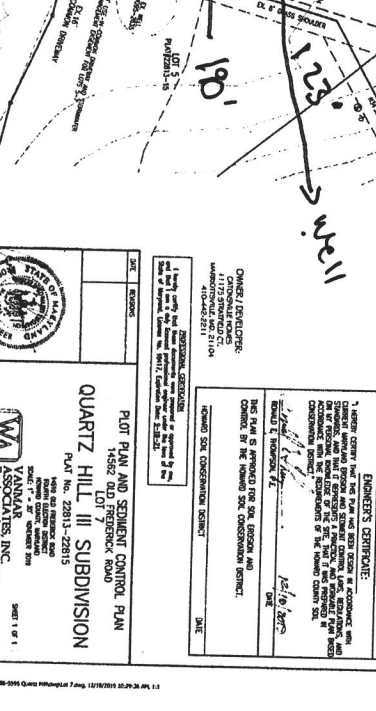
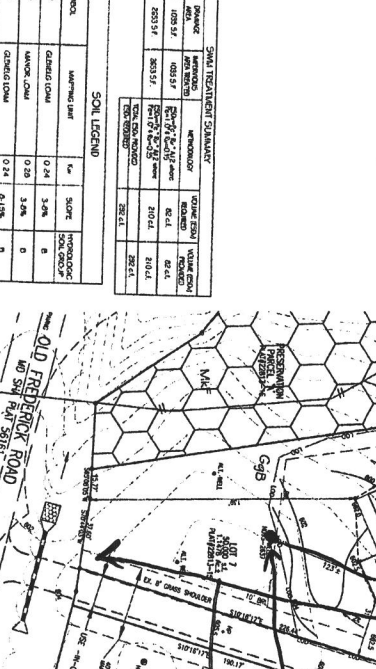
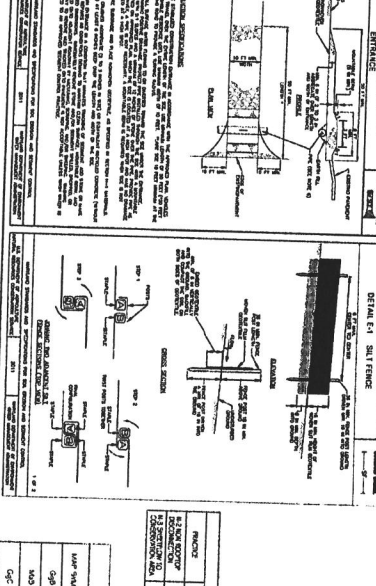
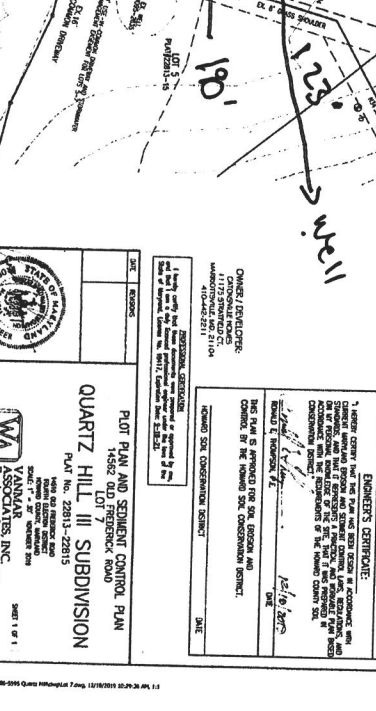
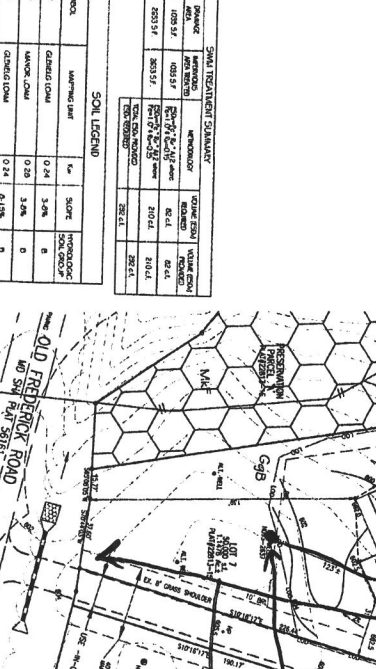
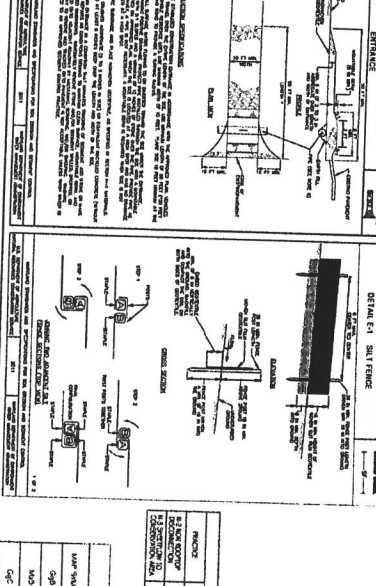
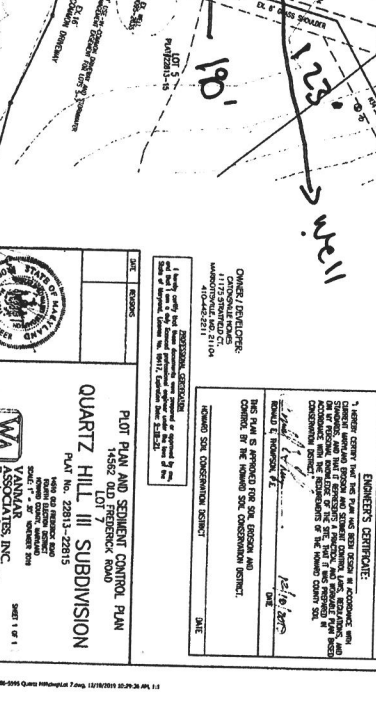
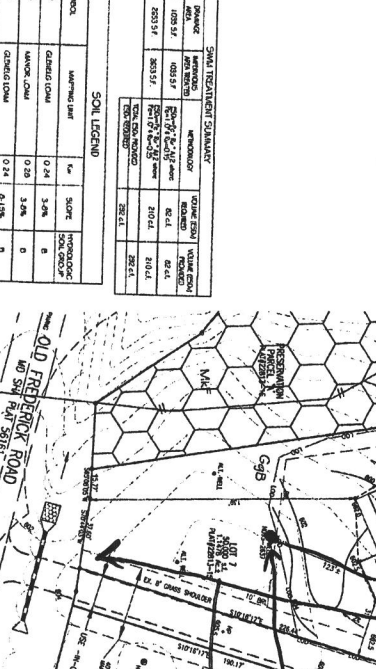
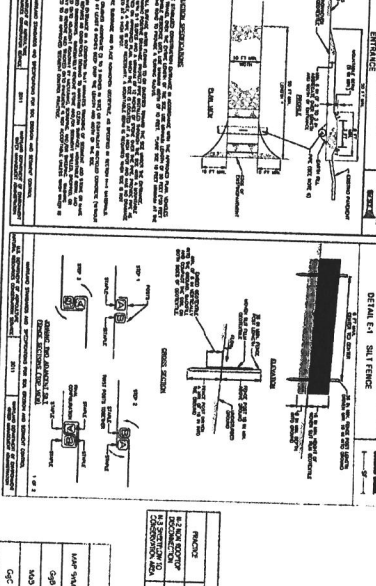
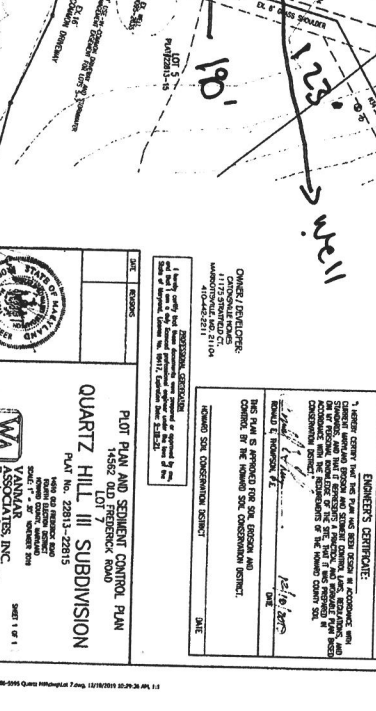
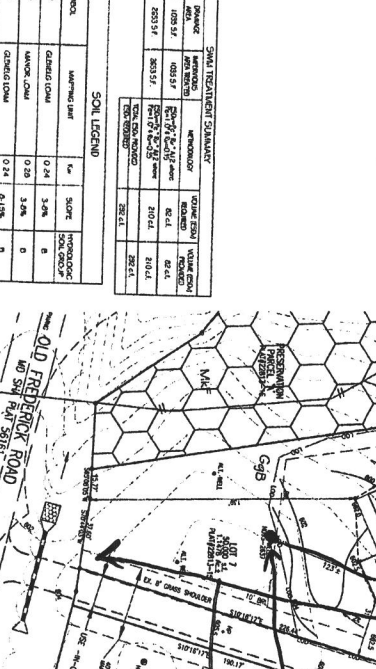
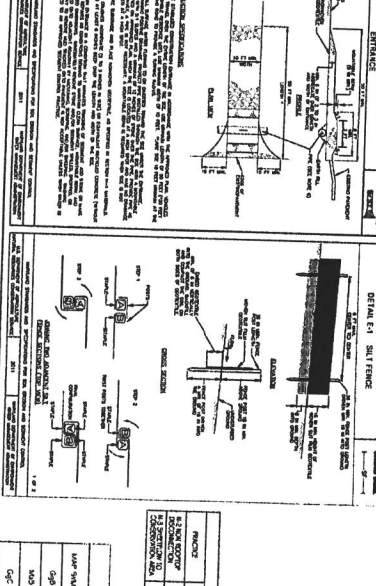
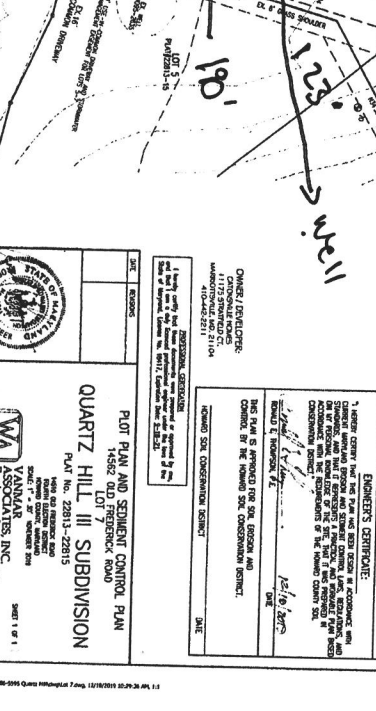
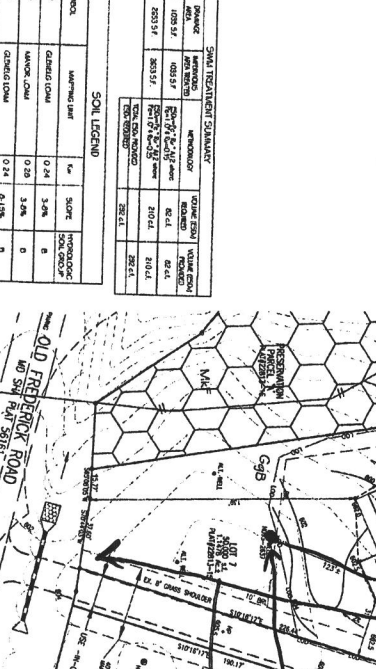
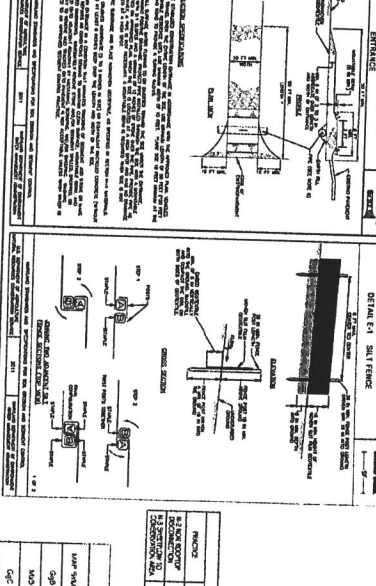
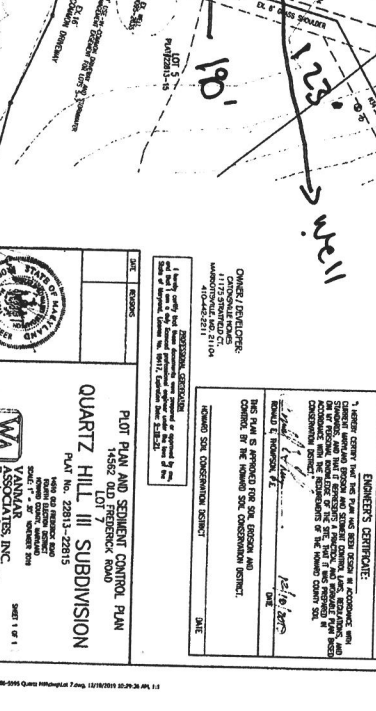
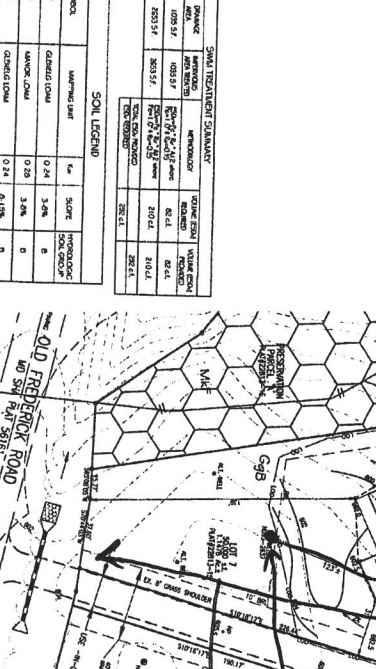
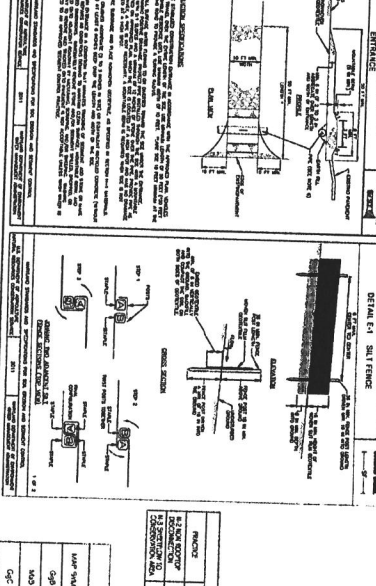
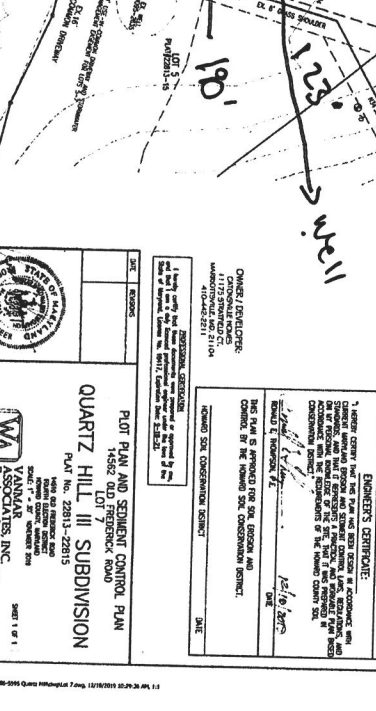
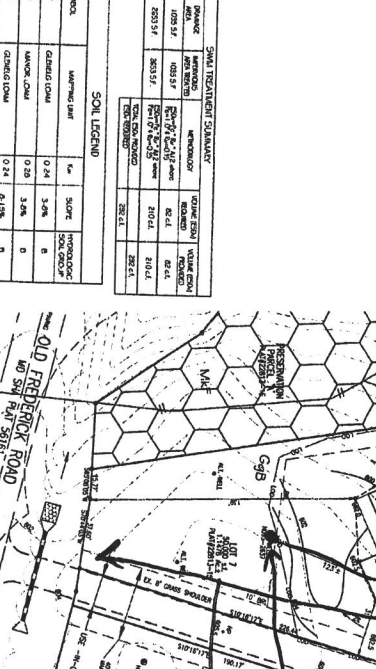
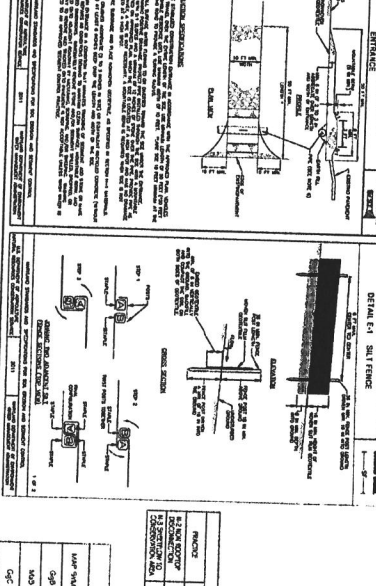
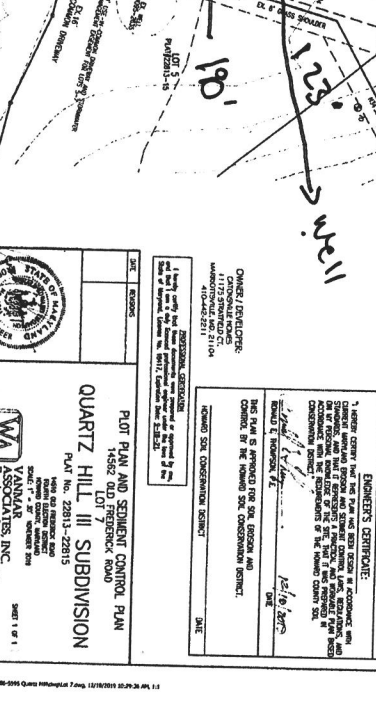
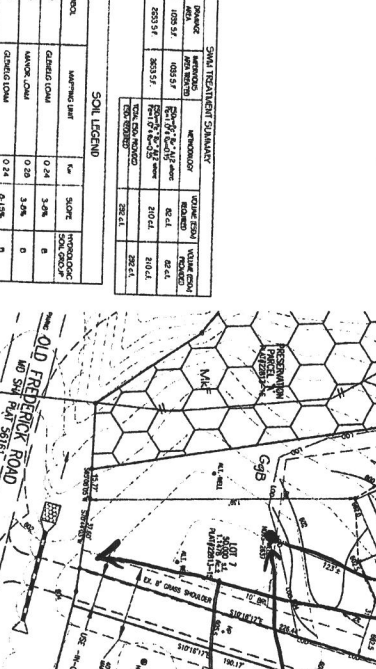
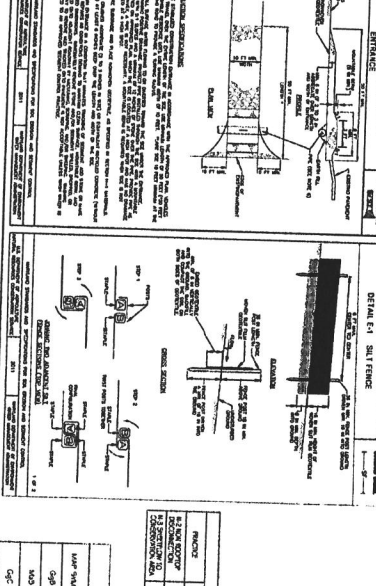
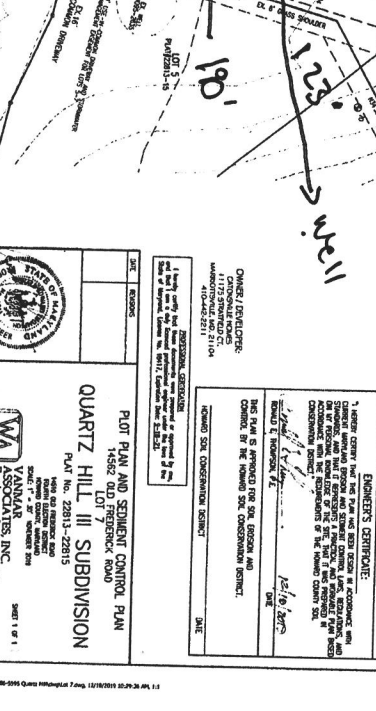
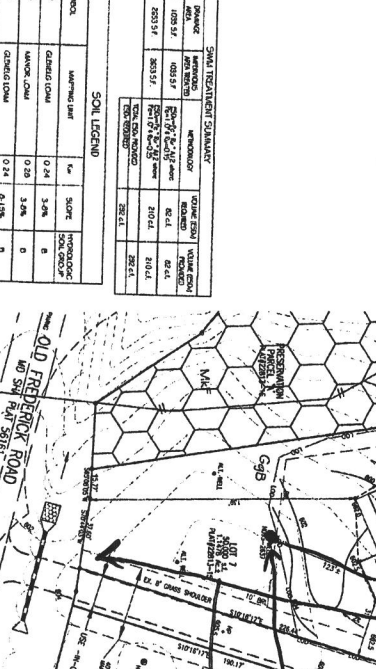
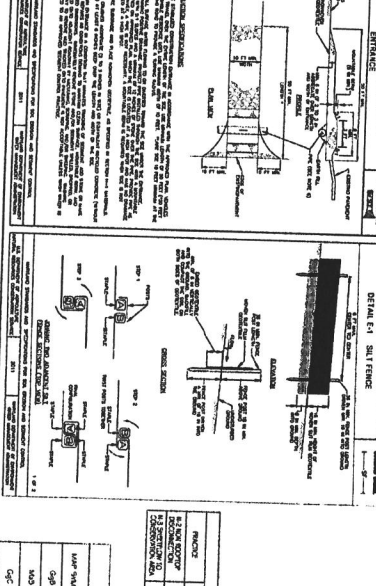
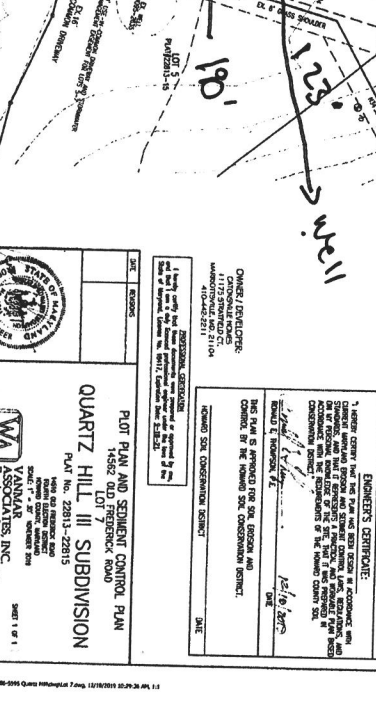
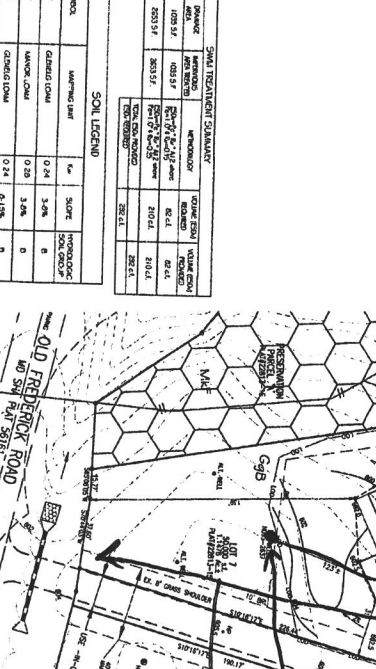
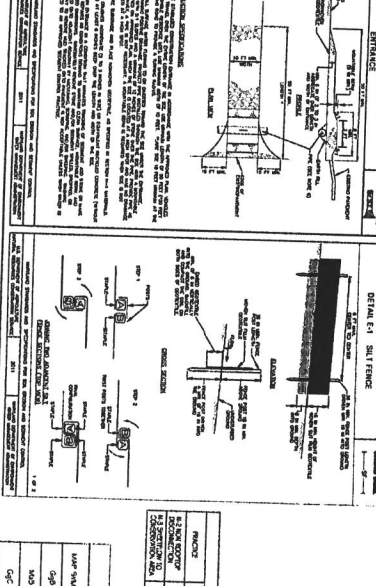
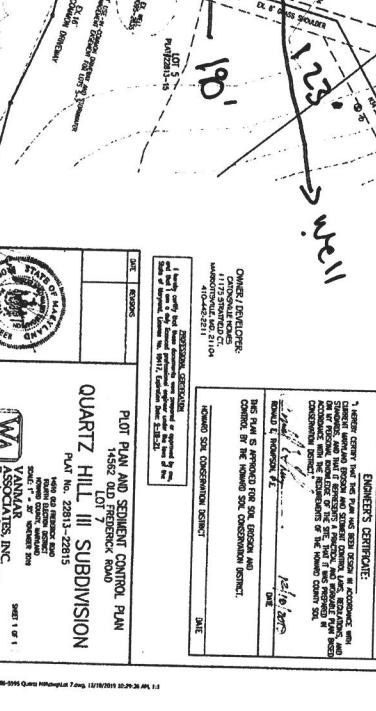
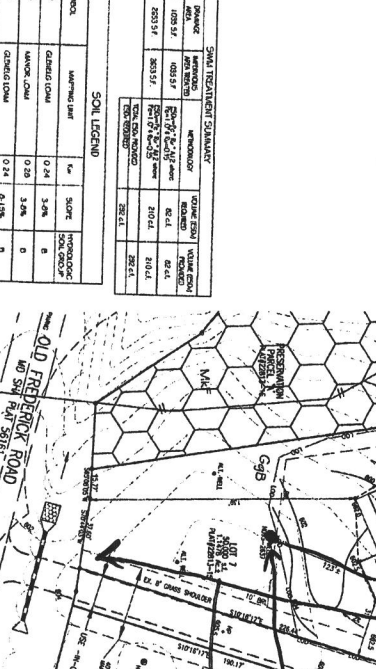
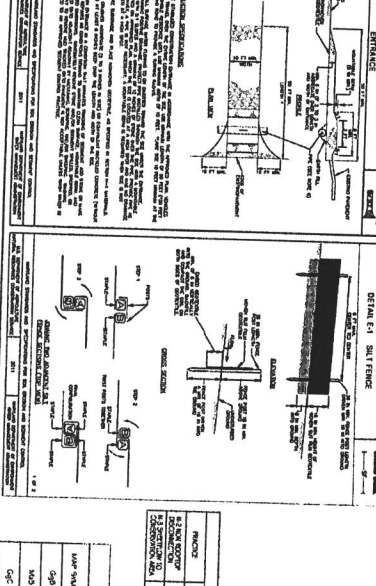
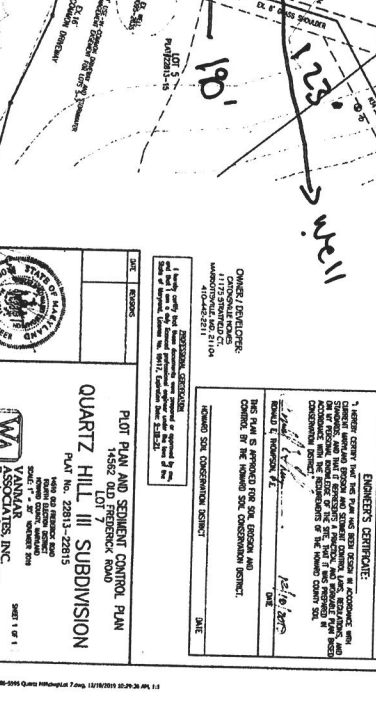
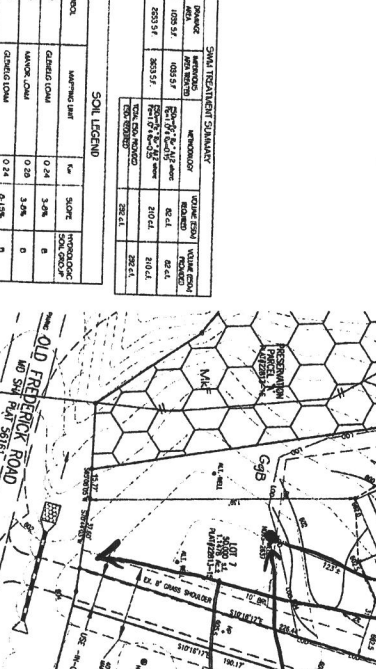
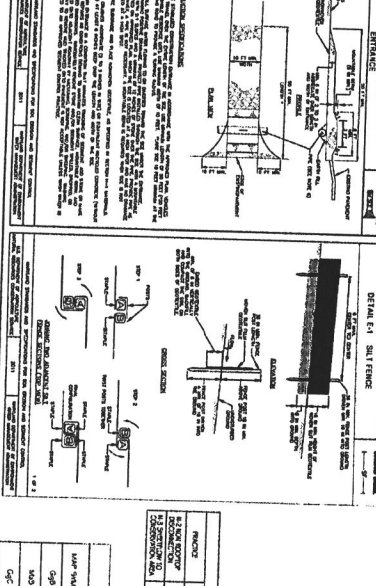
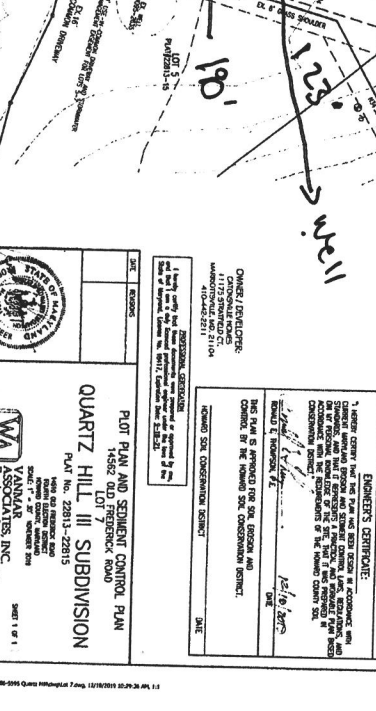
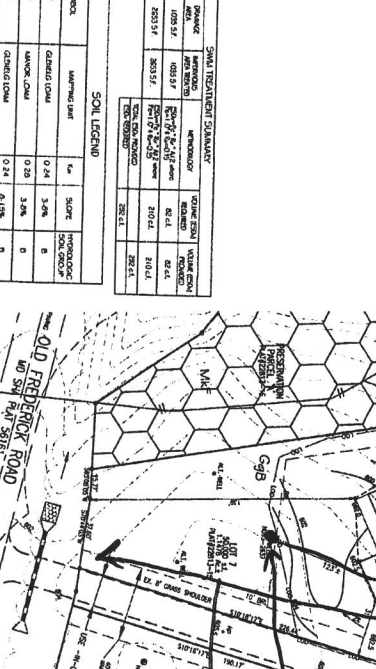
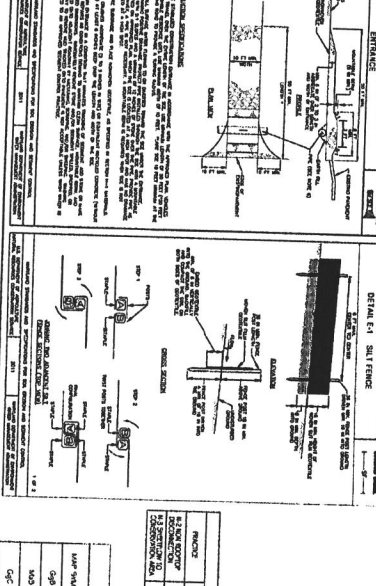
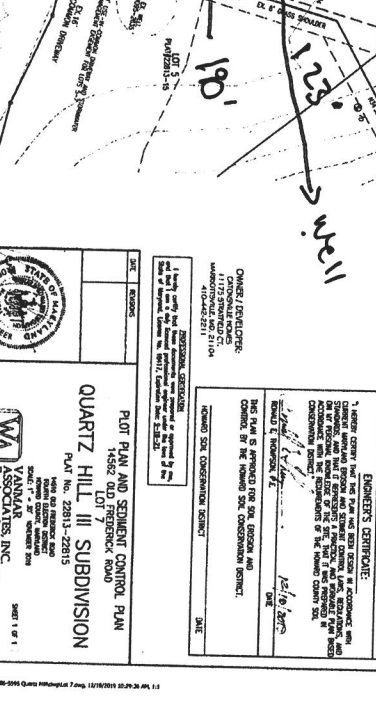
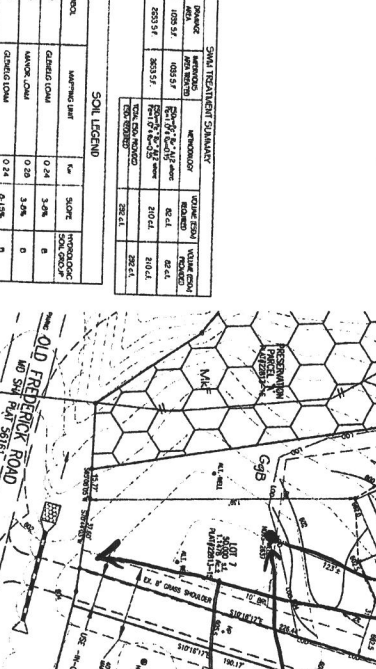
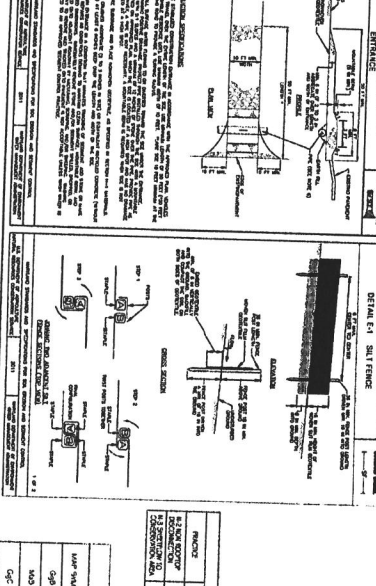
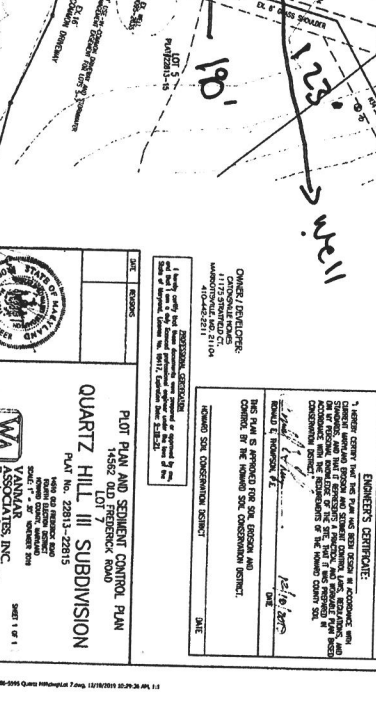
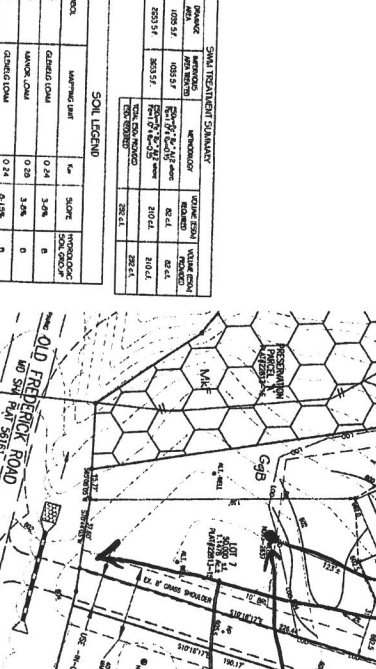
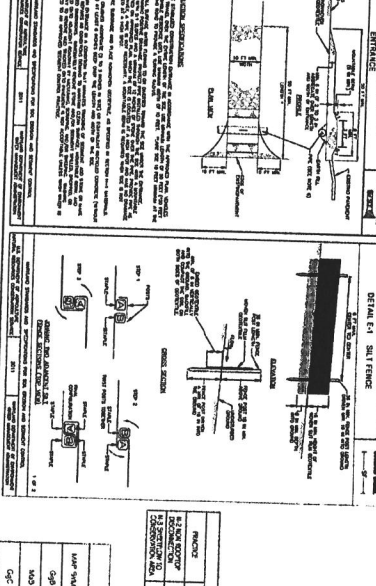
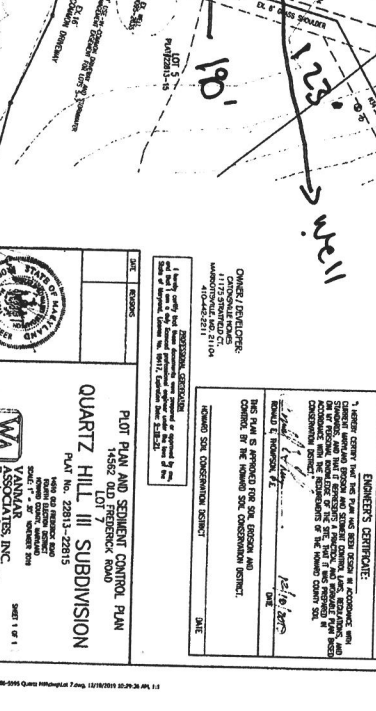
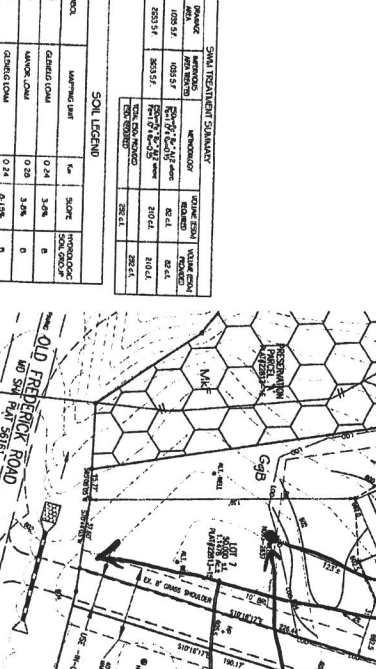
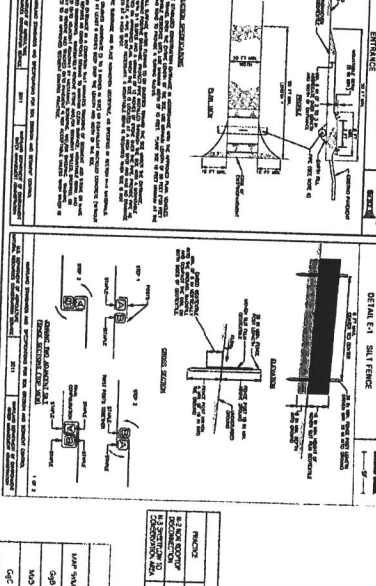
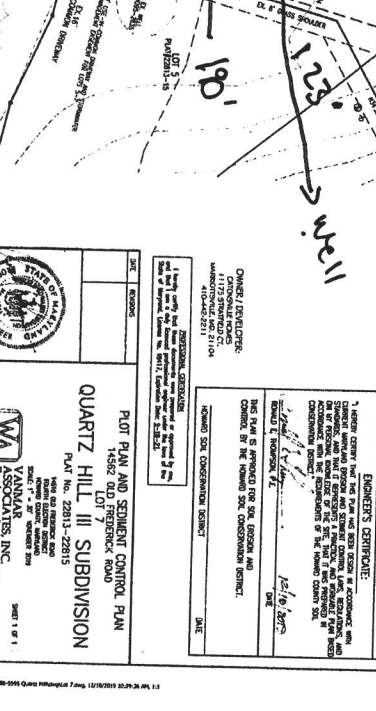
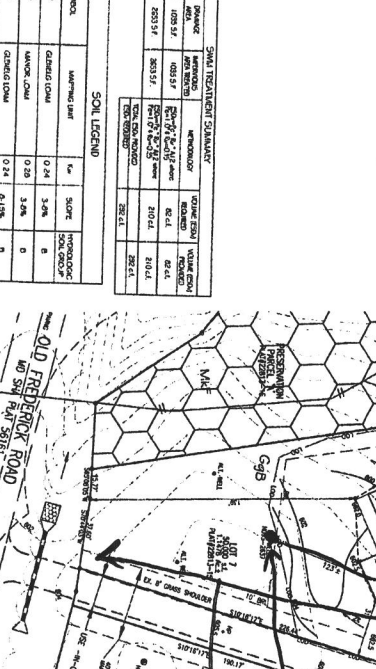
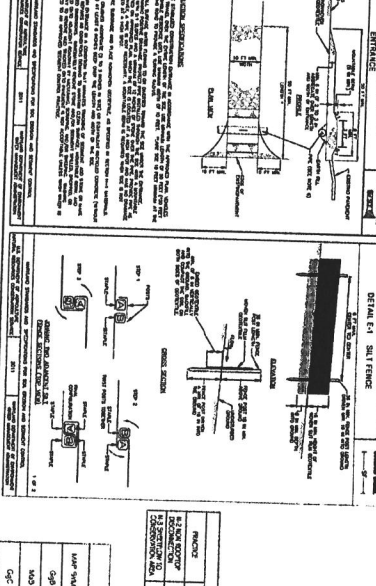
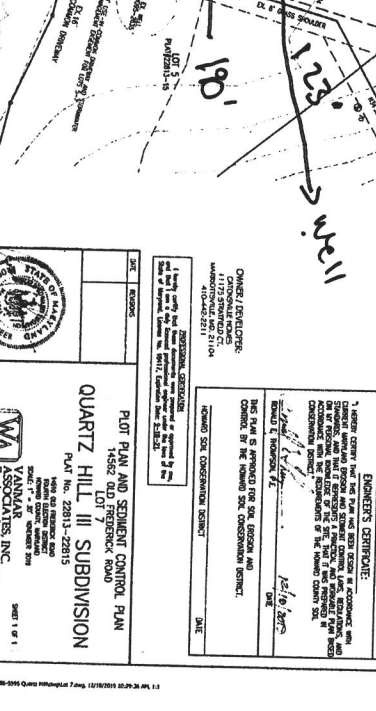
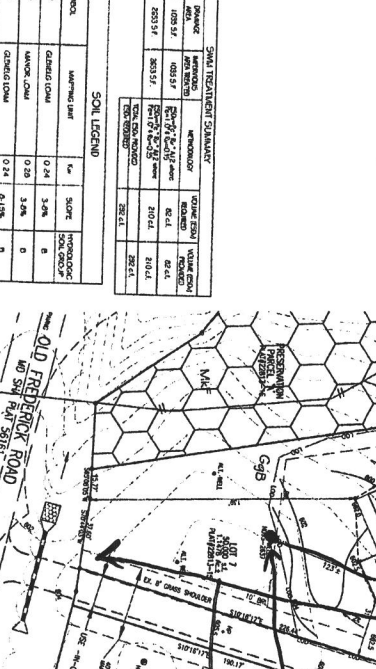
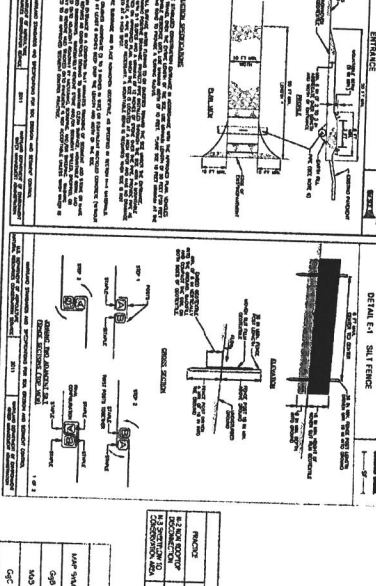
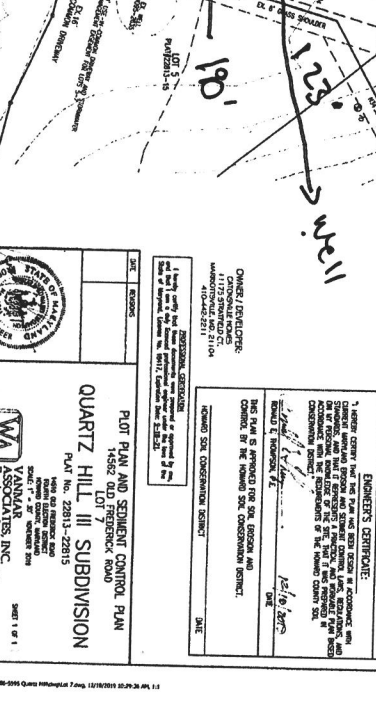
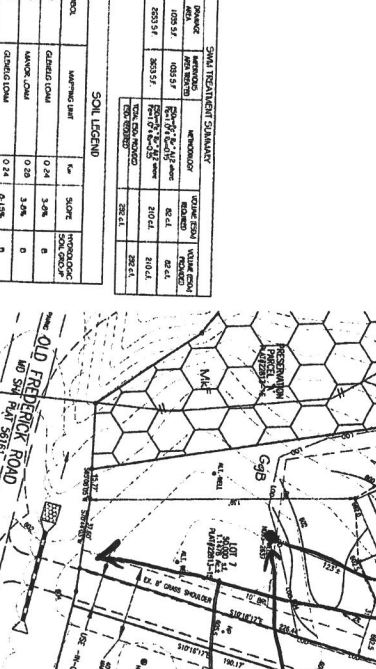
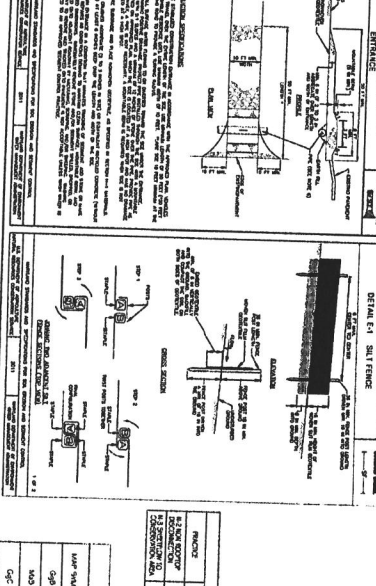
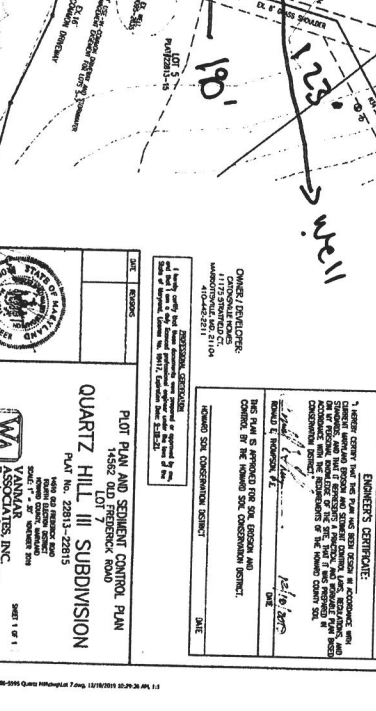
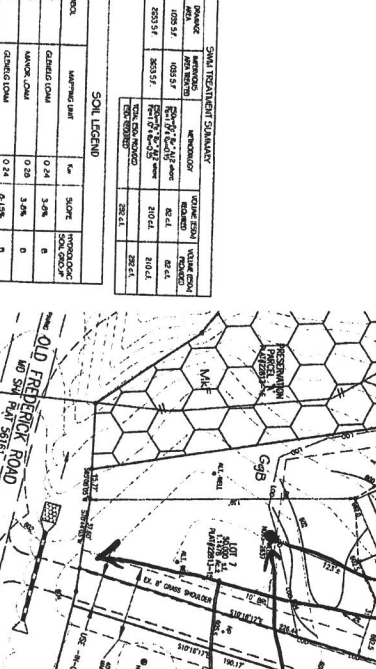
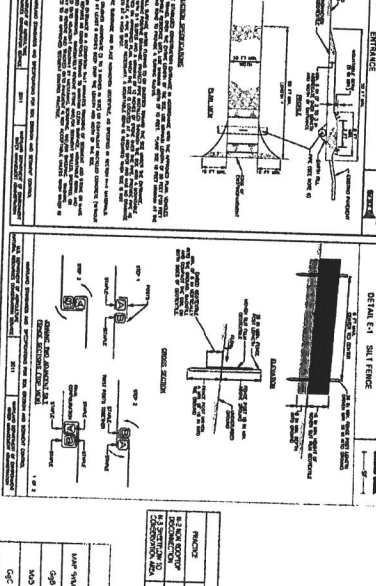
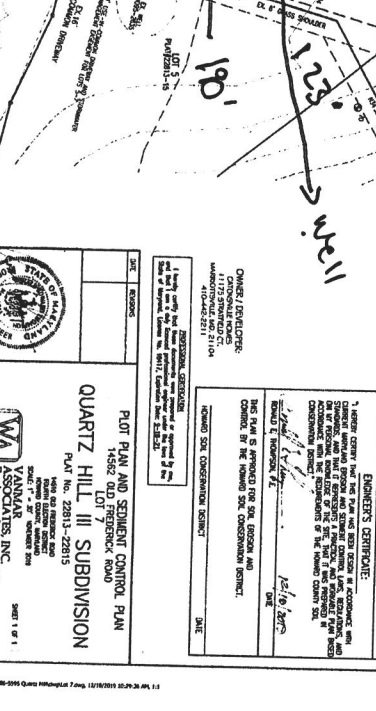
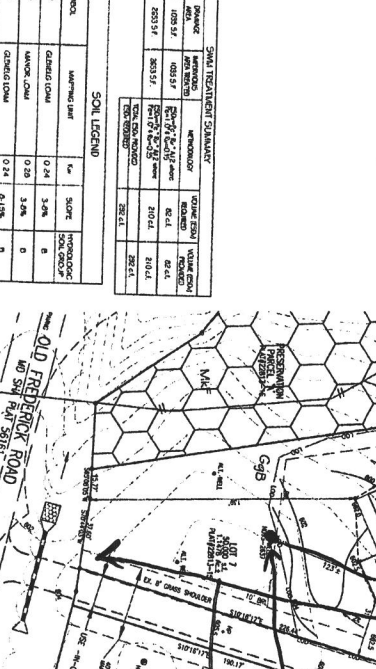
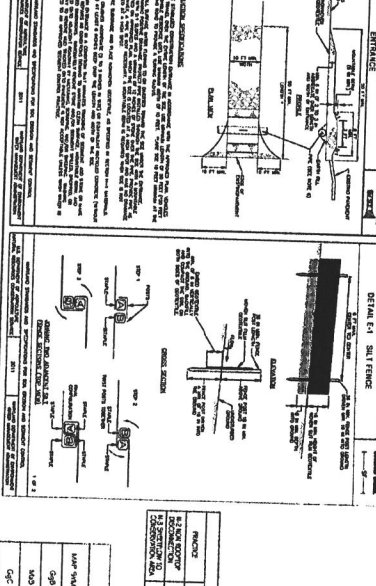
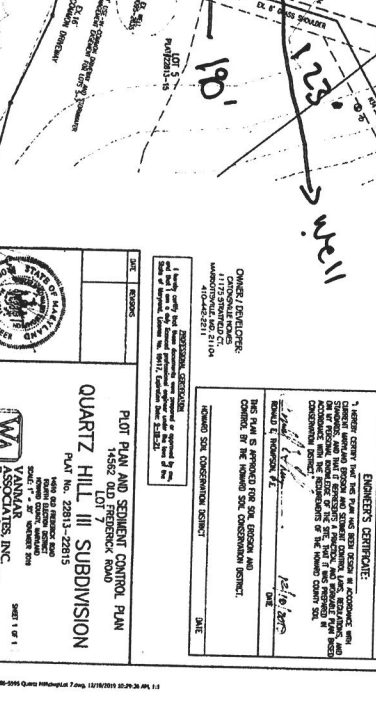
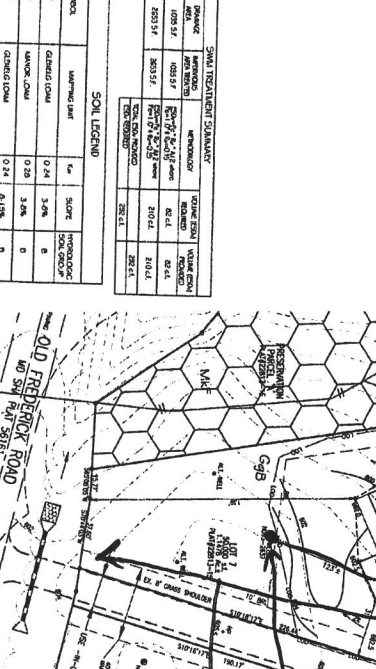
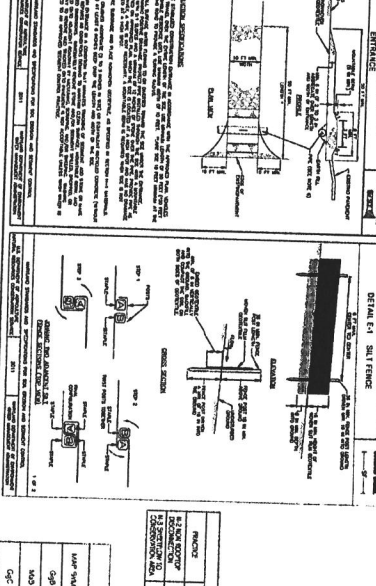
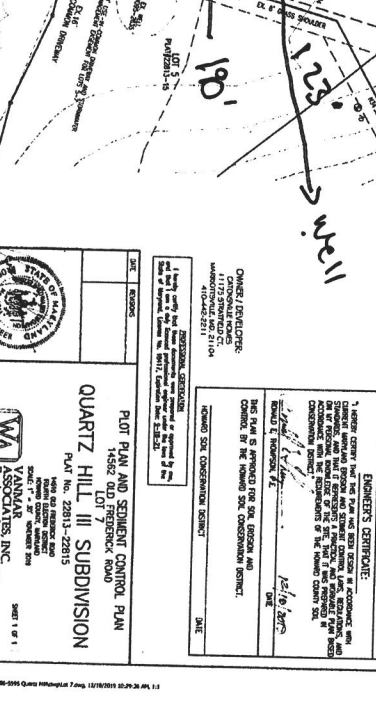
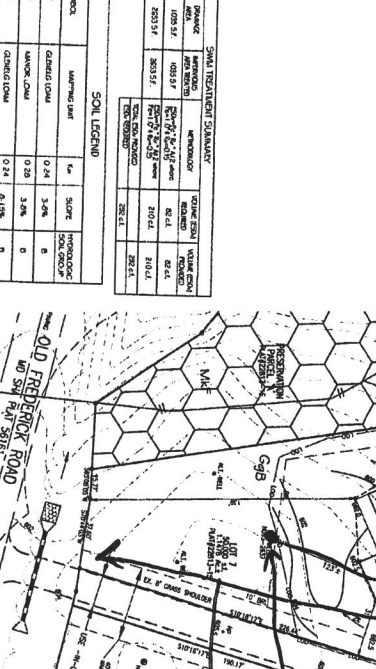
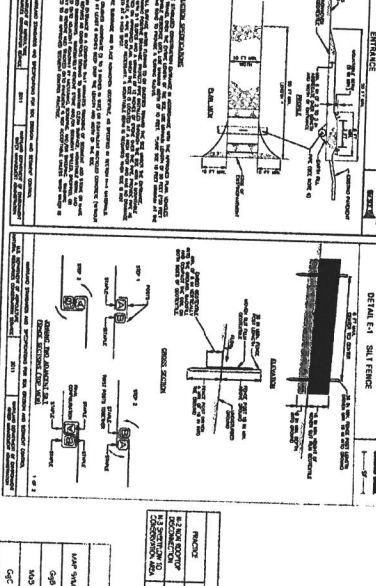
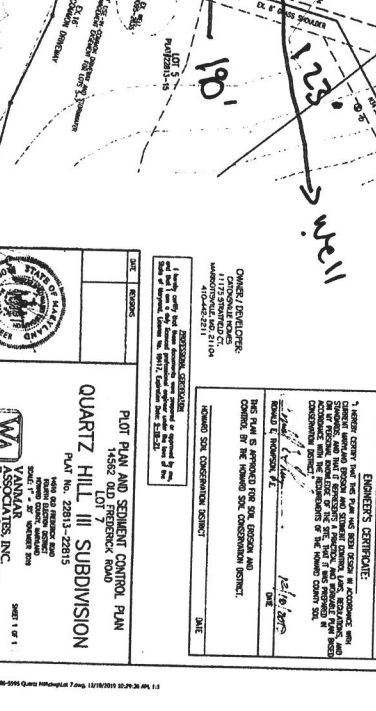
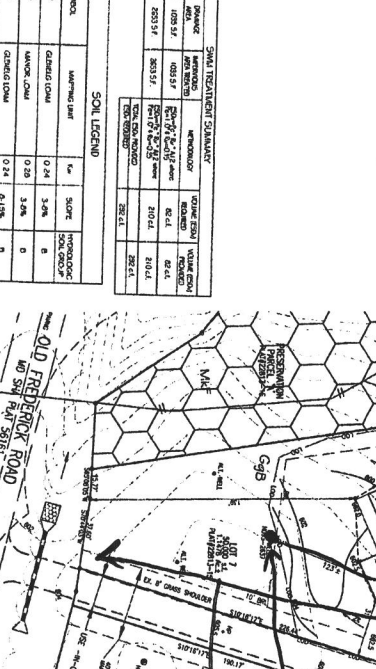
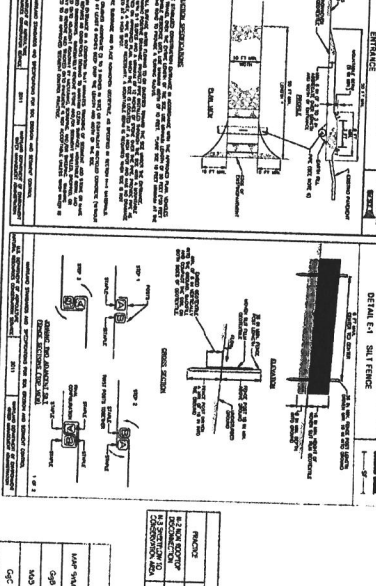
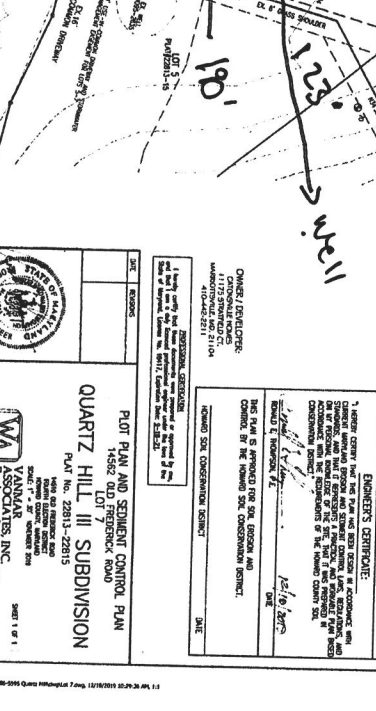
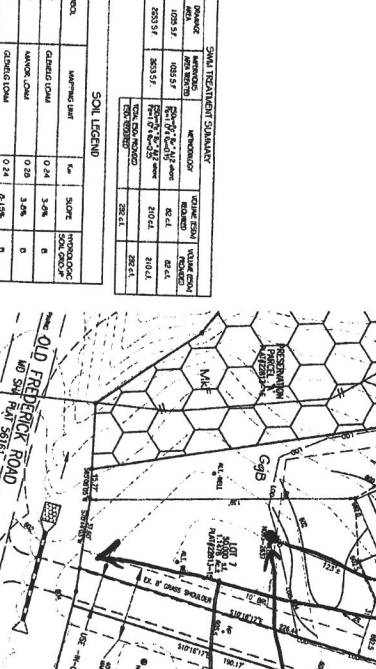
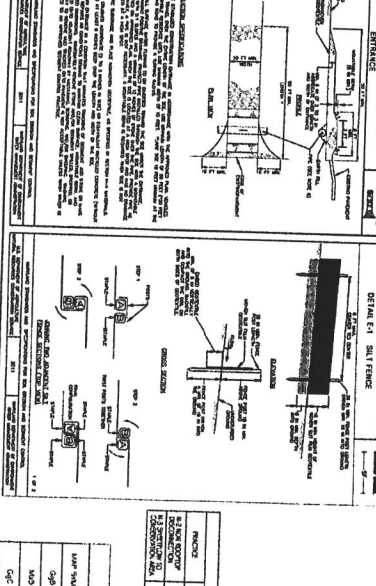
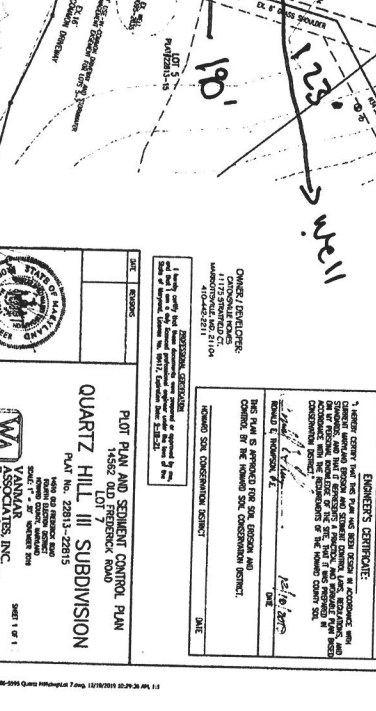
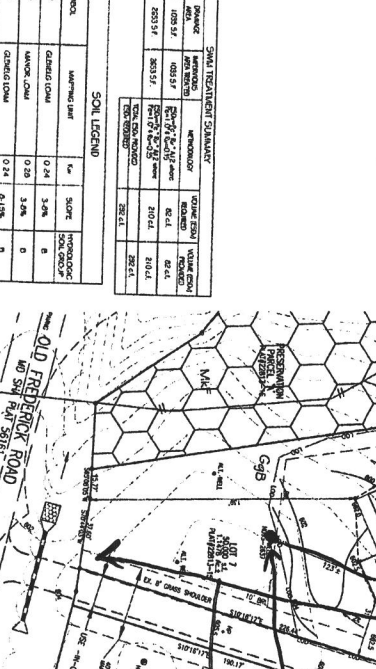
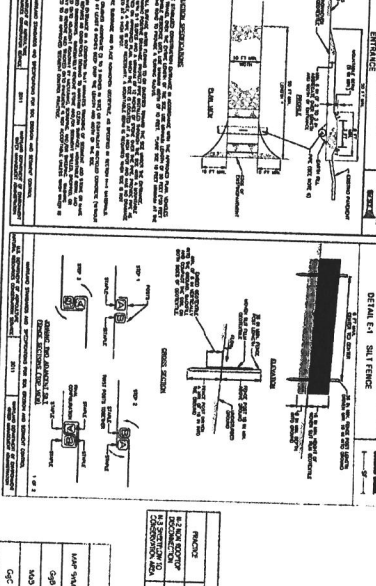
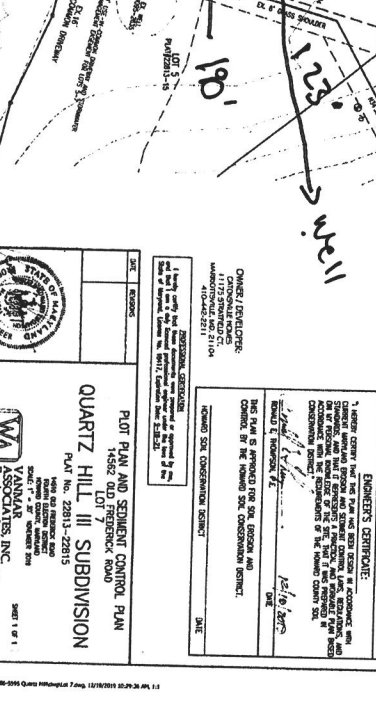
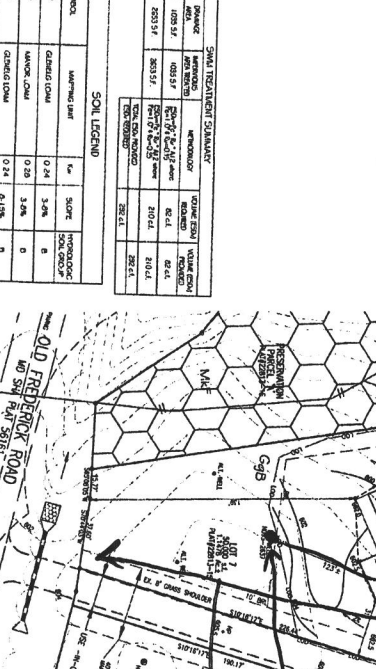
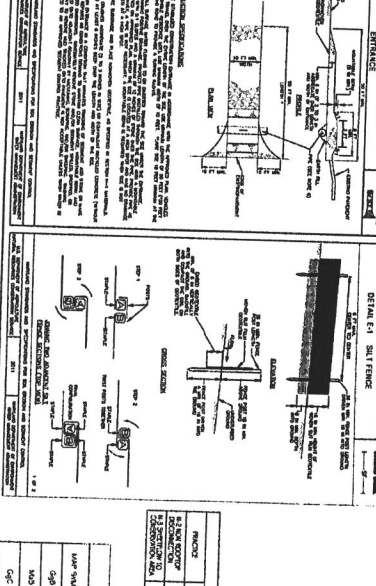
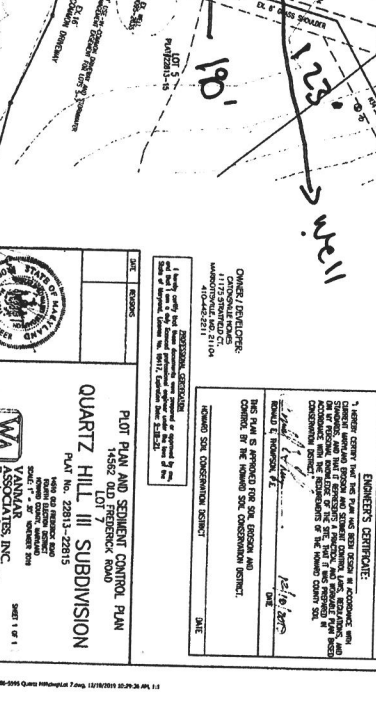
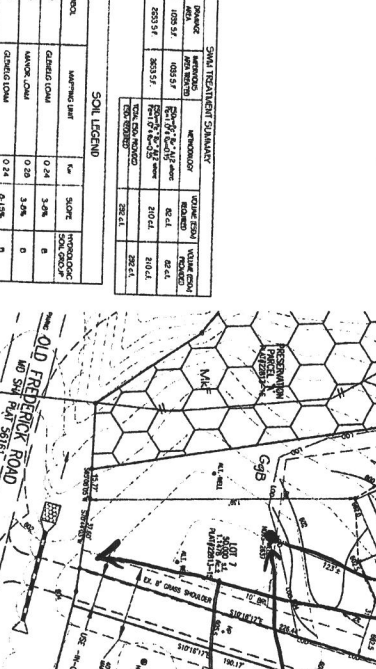
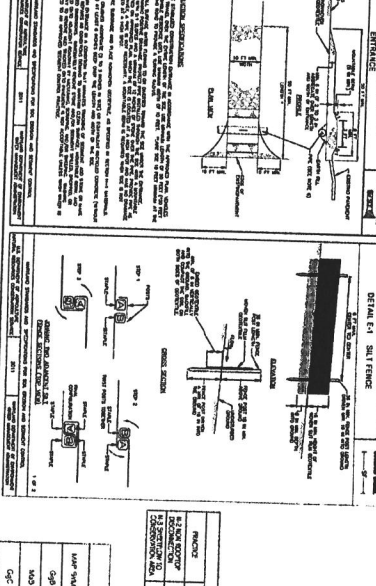
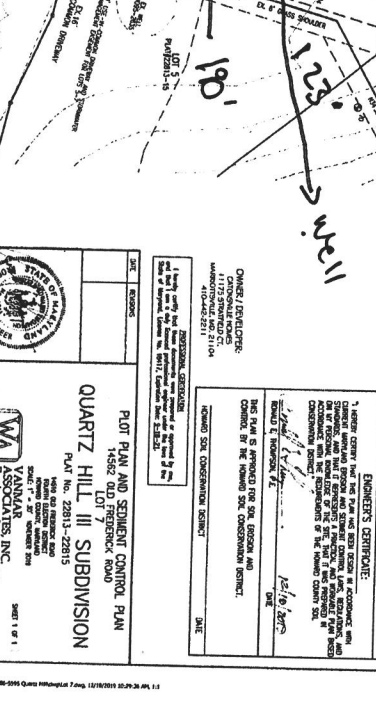
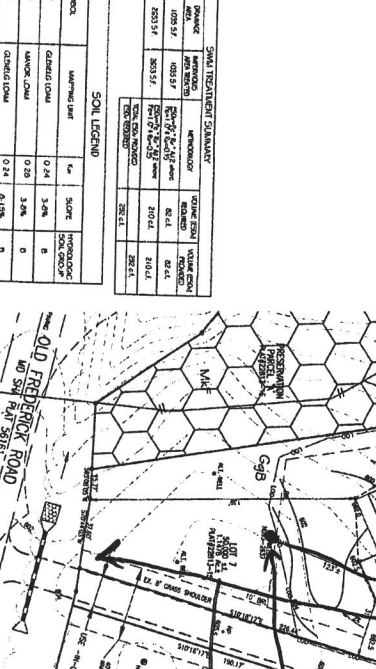
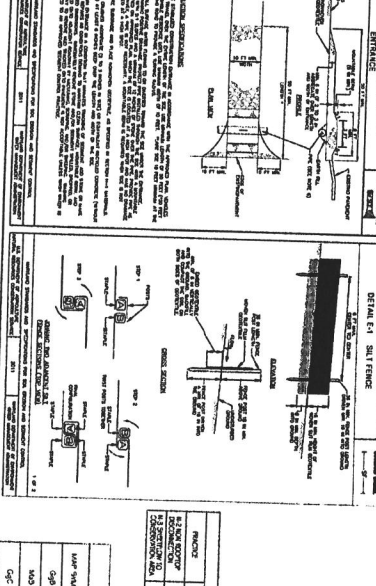
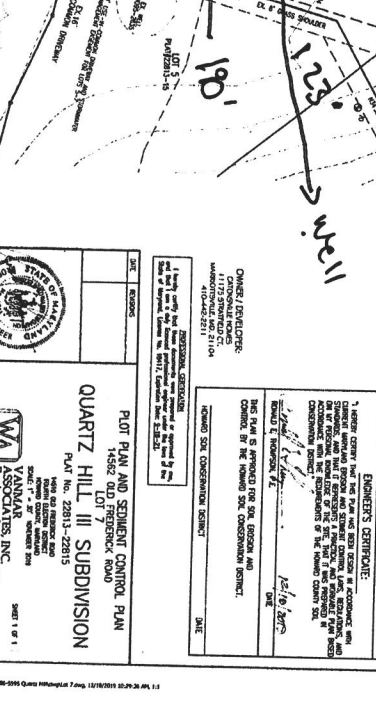
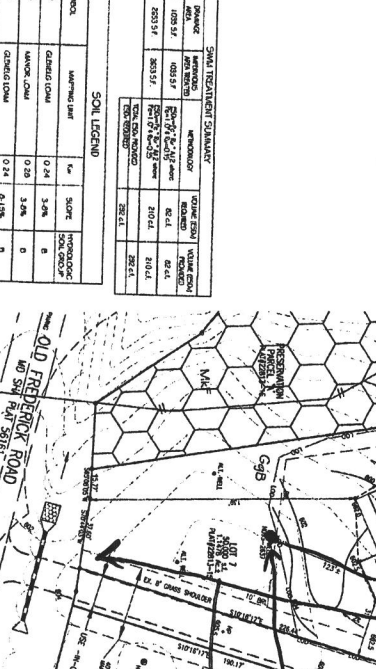
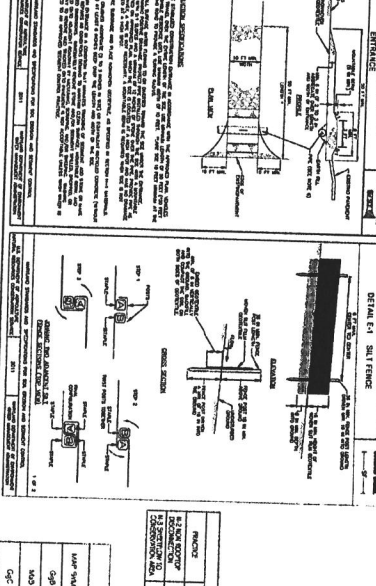
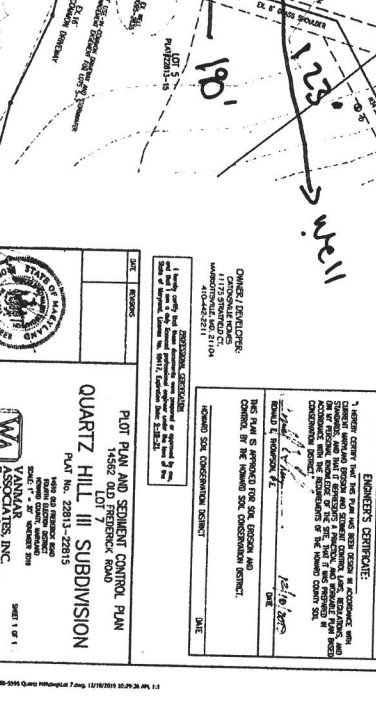
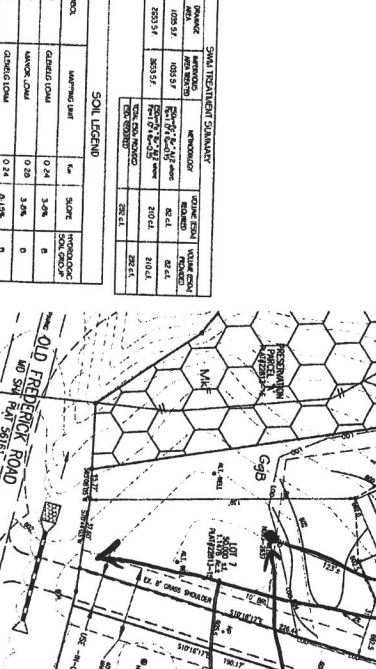
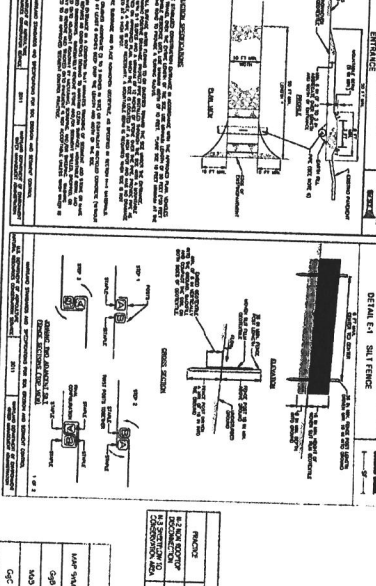
SECTION 10. GENERAL NOTES AND SPECIFICATIONS FOR THE PREPARATION, SUBMITTAL, AND USE OF THE SUBDIVISION MAP.

SECTION 11. GENERAL NOTES AND SPECIFICATIONS FOR THE PREPARATION, SUBMITTAL, AND USE OF THE SUBDIVISION MAP.

SECTION 12. GENERAL NOTES AND SPECIFICATIONS FOR THE PREPARATION, SUBMITTAL, AND USE OF THE SUBDIVISION MAP.



Approved for UPT  
 B2000563  
 2/25/20





# Building Permit Application

Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

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

Permit No.: 319004149

Building Address: 14562 222 FREDERICK ROAD  
City: COOKSVILLE State: MD Zip Code: 21723  
Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
Subdivision: QUARTZ HILL III  
Lot: 7 Tax Map: 0008 Parcel: 0407

Existing Use: VACANT LOT  
Proposed Use: SFD  
Estimated Construction Cost: \$ 350,000

Description of Work: RYLEIGH MODEL  
2 STORY, 3 CAR DETACHED GARAGE, 11 RMS,  
4 BR, 4.5 BATHS, FRONT PORCH,  
PERFORMANCE I LCC, UNFINISHED  
BASEMENT

Occupant/Tenant Name: N/A

Was tenant space previously occupied? ☐ Yes ☒ No

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

Address: \_\_\_\_\_

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

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

Email: \_\_\_\_\_

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	Depth Width
Gross area, sq. ft./floor:	1 <sup>st</sup> floor: <u>1830</u>
Area of construction (sq. ft.):	2 <sup>nd</sup> floor: <u>2020</u>
Use group:	Basement: <u>1830</u>
	<input type="checkbox"/> Finished Basement
	<input checked="" type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
Construction type:	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: <u>4</u>
<input type="checkbox"/> Structural Steel	Multi-family Dwelling
<input type="checkbox"/> Masonry	No. of efficiency units:
<input type="checkbox"/> Wood Frame	No. of 1 BR units:
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
	Footings:
	Roof:
	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

<input checked="" type="checkbox"/> Roadside Tree Project Permit
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Roadside Tree Project Permit # _____

Property Owner's Name: CATONSVILLE HOMES, LLC  
Address: 11175 STRUTTILL COURT  
City: MARRIOTTSVILLE State: MD Zip Code: 21104  
Phone: 410-442-2211 Fax: 410-442-2215  
Email: pwalter@catonsvillehomes.com

Applicant's Name & Mailing Address, (If other than stated herein)

Applicant's Name: \_\_\_\_\_

Address: \_\_\_\_\_

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

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

Email: \_\_\_\_\_

Contractor Company: CBI HOMES, LLC

Contact Person: PAUL WALTER

Address: 11175 STRUTTILL COURT

City: MARRIOTTSVILLE State: MD Zip Code: 21104

License No.: 13447301 MHR 8409

Phone: 410-442-2211 Fax: 410-442-2215

Email: pwalter@catonsvillehomes.com

Engineer/Architect Company: PLYMOUTH ROAD ARCHITECTS

Responsible Design Prof.: LISA SUTHERLAND WENRICH

Address: 640 PLYMOUTH ROAD

City: CATONSVILLE State: MD Zip Code: 21228

Phone: 410-788-0281 Fax: 410-788-1033

Email: lwerrich@plymouthroadarchitects.com

Utilities
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply
<input type="checkbox"/> Public
<input checked="" type="checkbox"/> Private
Sewage Disposal
<input type="checkbox"/> Public
<input checked="" type="checkbox"/> Private
Heating System
<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas
<input type="checkbox"/> Other:
Sprinkler System:
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Grading Permit Number:
_____
Building Shell Permit Number:
_____

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 ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature \_\_\_\_\_

Email Address pwalter@catonsvillehomes.com

Title/Company CONTROLLER, CBI HOMES, LLC

Print Name JAMILLA A. WALTER

Date 12/9/19

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*

-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA ( Zoning )		
PSZA ( Engineering )		
Health		

Is Sediment Control approval required for issuance? ☐ Yes ☐ No  
☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$ <u>100.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50.00</u>
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$ <u>150.00</u>
Balance Due	\$
Check	# <u>313</u>

Distribution of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA

T:\Operations\Updated Forms\BuildingPermitApplication03.29.2018.docx



K1

**CBI HOMES, LLC**  
**11175 STRATFIELD COURT**  
**MARRIOTTSTVILLE, MARYLAND 21104**  
**410-442-2211 ~ FAX 410-442-2215**

RECEIVED

FEB 06 2020

LICENSES & PERMITS  
DIVISION

January 31, 2020

Ms. Cathy Anest  
Chief

Howard County Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Ellicott City, Maryland 21043

INV# 607181

CK# 00429

\$25.00

CC: P+Z  
Health

Re: 14562 Old Frederick Road, Cooksville, Maryland 21723  
B19004149

Dear Ms. Anest,

We would like to amend the above-captioned permit to include a 24' x 12' screened porch and a 20' x 12' maintenance-free deck.

If you have any questions, please feel free to contact me at 410-442-2211, extension 202.

Sincerely,



Pamela A. Walter  
Controller

\*MAIL TO CONTRACTOR

AKH



REVISED

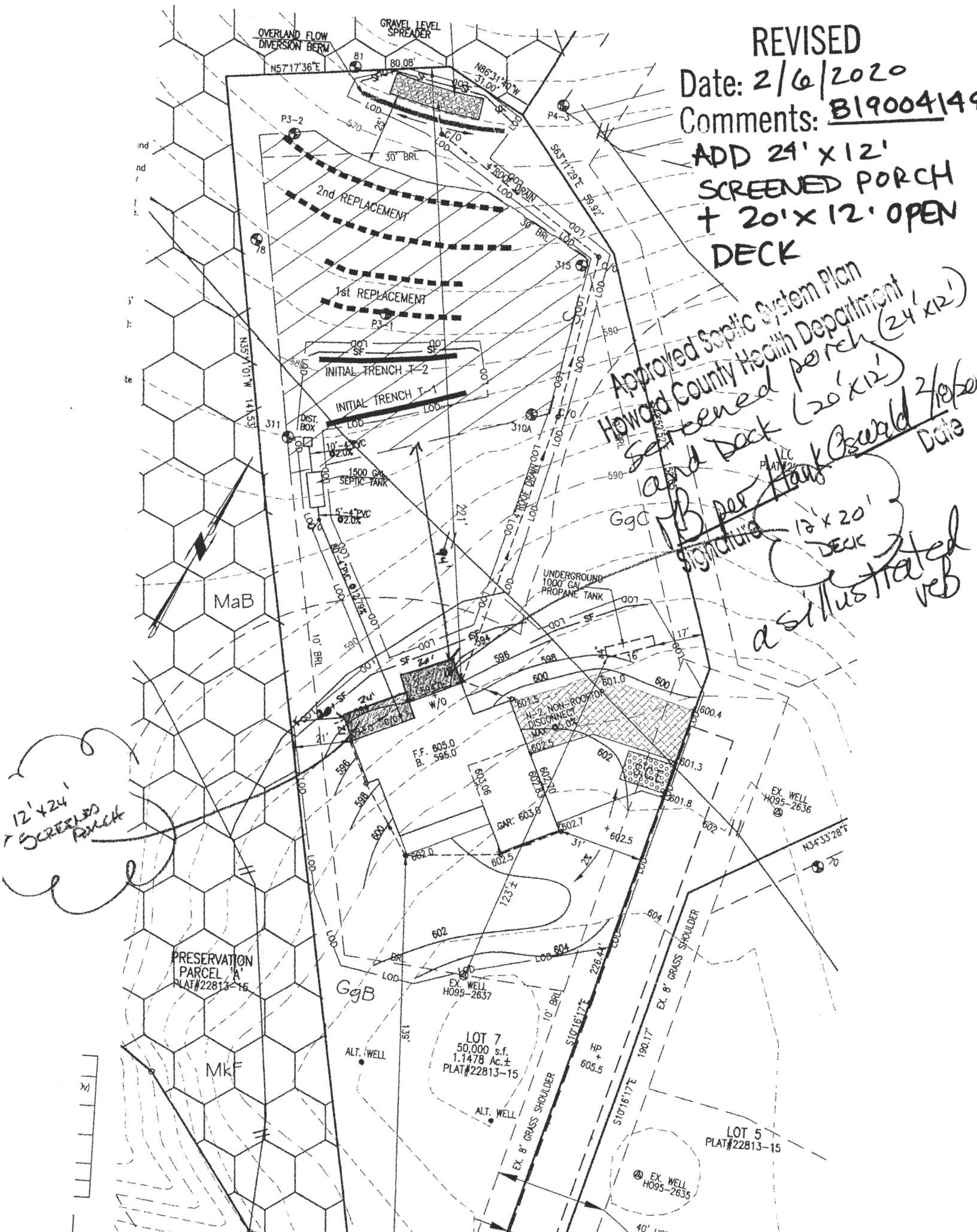
Date: 2/6/2020

Comments: B19004149

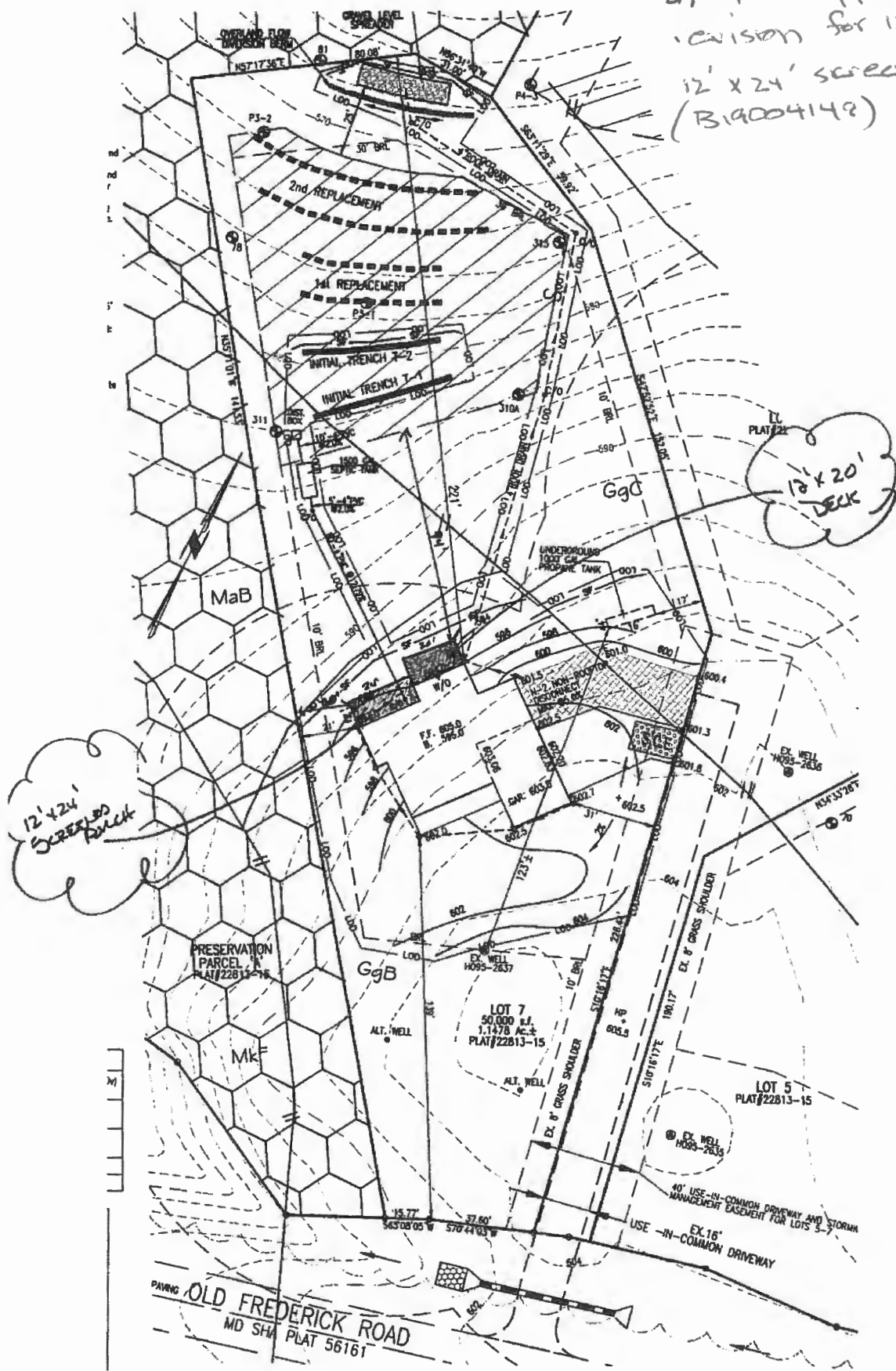
ADD 24' x 12'  
SCREENED PORCH  
+ 20' x 12' OPEN  
DECK

Approved Sptic System Plan  
Howard County Health Department  
Screened porch (24' x 12')  
and Deck (20' x 12')  
2/6/20  
Date  
MB per Hank Oswald  
Signature

as illustrated  
vrb



2/18/20 Approved site plan  
 revision for 12' x 20 deck &  
 12' x 24' screened porch.  
 (B1900414?)  
 -H.O.

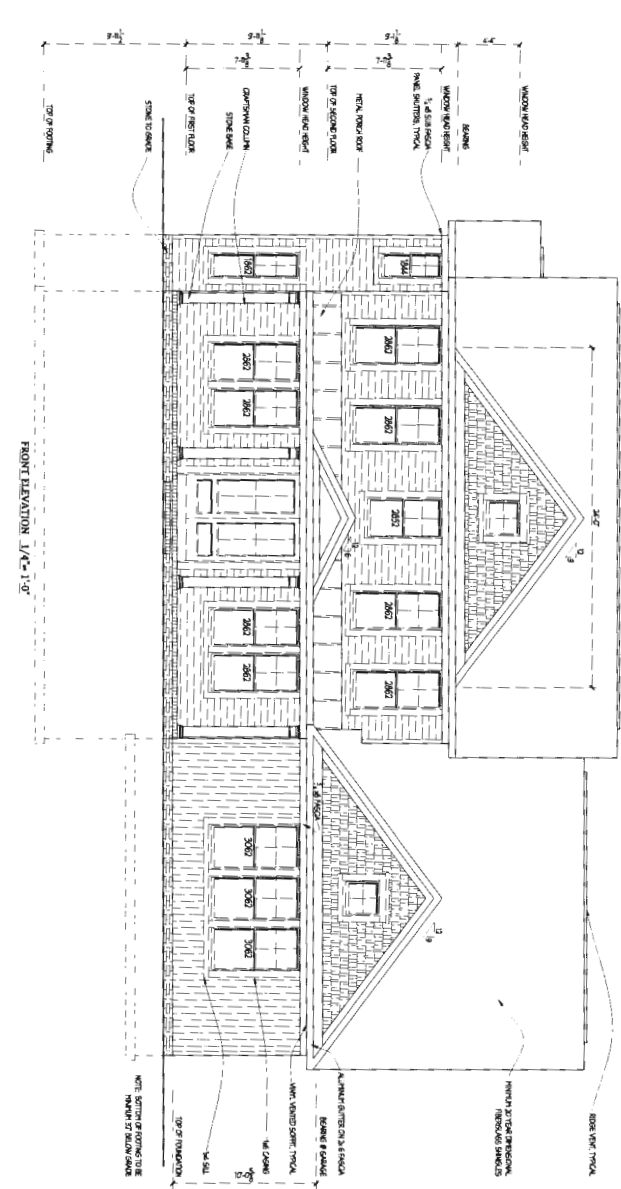
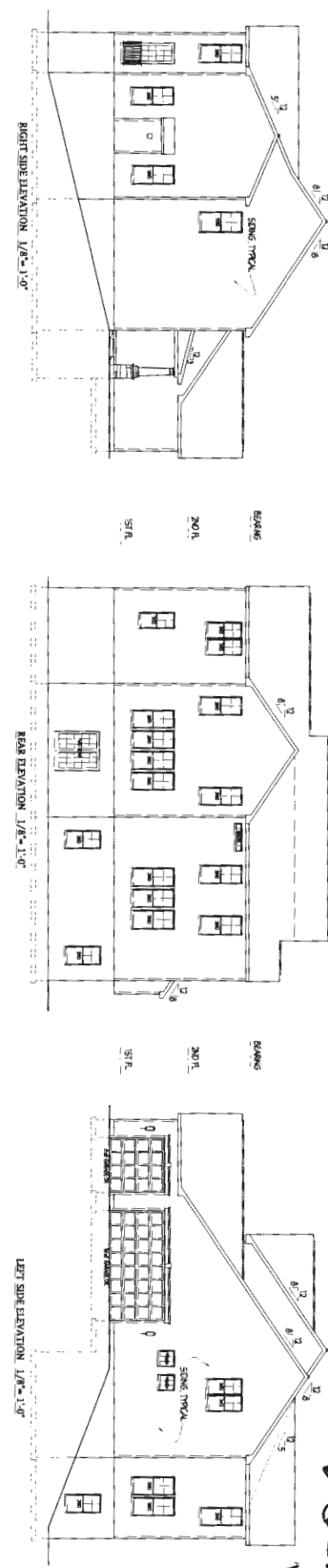




OK B19004149

4 Bedroom w/rough-in for Bath in unfinished Basement

VER



BID AND PERMIT SET 11/26/19

1	Project No.: C19.07 Date: 11/19 Scale:	Drawing: ELEVATIONS Project: CATONSVILLE HOMES RYLEIGH QUARTZ HILL LOT 7	Notes:	Plymouth Road Architects 640 Plymouth Road Baltimore, MD 21229 Phone: 410-788-0281 arch@plymouth-road.com
---	--	---	--------	---

B19004149 - 14562 OLD FREDERICK ROAD

BID AND PERMIT SET 11/26/19  
 11/26/2019 12:35 PM  
 RAYMOND OFFICE (1) dwg

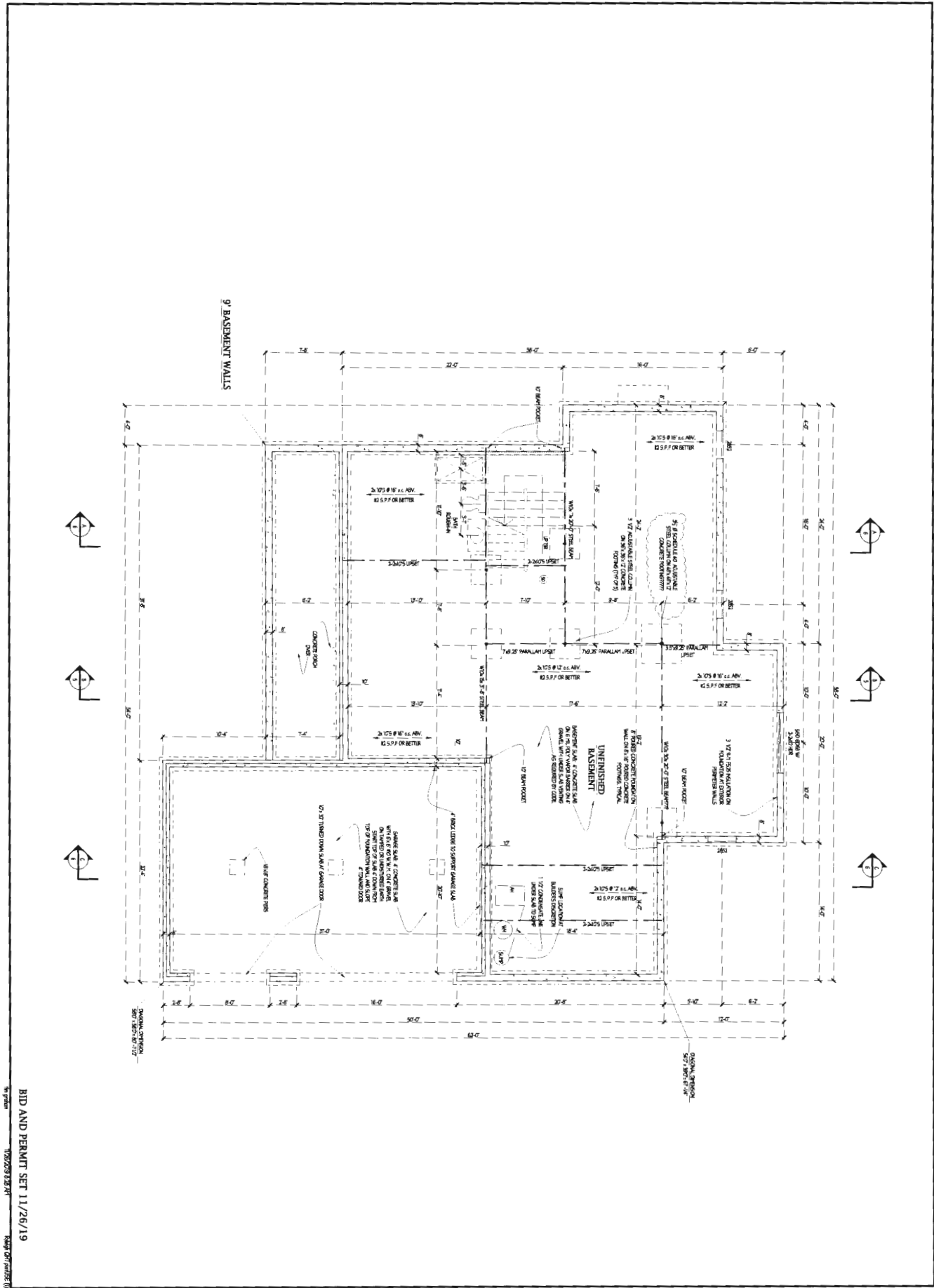
2

Project No.: C19.07  
 Date: 11/19  
 Scale: 1/4"=1'-0"

Drawing: BASEMENT/ FOUNDATION PLAN  
 Project: CATONSVILLE HOMES  
 RYLEIGH  
 QUARTZ HILL LOT 7

Notes:

**Plymouth Road Architects**  
 640 Plymouth Road, Baltimore, MD 21229. 410-788-0281  
 PlymouthRoadArchitects.com









BID AND PERMIT SET 11/26/19



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

TO: ***Pam Walter, CBI Homes, LLC***

FROM: ***Robert Bricker, REHS/RS, L.E.H.S.***  
Well & Septic Program

RE: ***14562 Old Frederick Road, Potential Basement Bedroom***

DATE: January 6, 2020

---

I have reviewed the floor plans in support of Building Permit **B19004149** for a new home at 14562 Old Frederick Road (Quartz Hill III, Lot 7) and noted that there is a rough-in for a full bathroom in the unfinished basement. Please note that this makes it very likely for one or more rooms to be considered bedrooms upon conversion of the basement to finished living space.

For reference, the following is the bedroom definition in Howard County Code Section 3.801(b):

- (1) Except as provided in paragraph (2) of this subsection, a bedroom is any space in the conditioned area of a dwelling unit or accessory structure that:
  - (i) Is 90 square feet or greater in size;
  - (ii) May be used as a private sleeping area; and
  - (iii) Has at least one window and one interior door.
- (2) If a home office, library, or similar room is proposed, it may not be a bedroom if there is no closet; and
  - (i) The room contains permanently built-in bookcases around the perimeter of the room, desks, and other features that encumber the room;
  - (ii) A minimum 4 foot-wide opening, without doors, into another room;
  - (iii) A half wall (4 foot maximum height) between the room and another room; or
  - (iv) The room is a first floor room or basement area that does not have direct access to full bathrooms or "roughed in" plumbing that would provide direct access to future full bathroom facilities.

The Health Department strongly recommends sizing the onsite sewage disposal system at least one bedroom larger than the existing 4- bedroom design to accommodate a future finished basement. If you choose to only size for the existing design, any future building permit for a finished basement may be placed on hold until the system is upgraded to accommodate the proposed number of bedrooms. This memo will be retained in the Health Department file for future reference.

View Map			View GroundRent Redemption			View GroundRent Registration				
Tax Exempt: None			Special Tax Recapture: None							
Exempt Class: None										
Account Identifier:			District - 04 Account Number - 596406							
Owner Information										
Owner Name:			CATONSVILLE HOMES LLC			Use:		RESIDENTIAL		
Mailing Address:			11175 STRATFIELD CT MARIOTTSVILLE MD 21104-			Principal Residence:		NO		
						Deed Reference:		/17357/ 00033		
Location & Structure Information										
Premises Address:			14562 OLD FREDERICK RD COOKSVILLE 21723-			Legal Description:		LOT 7 1.1478 A. 14562 OLD FREDERICK RD QUARTZ HILL III		
Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:	
0008	0011	0407	4010101.14	1001			7	2020	Plat Ref: 22813-15	
Special Tax Areas: None						Town:		None		
						Ad Valorem:		None		
						Tax Class:		None		
Primary Structure Built			Above Grade Living Area		Finished Basement Area		Property Land Area		County Use	
							1.1478 AC			
Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements			
			/							
Value Information										
			Base Value		Value		Phase-in Assessments			
					As of		As of		As of	
					01/01/2017		07/01/2019		07/01/2020	
Land:			111,800		111,800					
Improvements			0		0					
Total:			111,800		111,800		111,800			
Preferential Land:			0							
Transfer Information										
Seller: QUARTZ HILL III LLC				Date: 12/30/2016			Price: \$2,000,000			
Type: NON-ARMS LENGTH OTHER				Deed1: /17357/ 00033			Deed2:			
Seller: STATE HIGHWAY ADMINISTRATION				Date: 02/02/2006			Price: \$0			
Type: NON-ARMS LENGTH OTHER				Deed1: /09801/ 00496			Deed2:			
Seller:				Date:			Price:			
Type:				Deed1:			Deed2:			
Exemption Information										
Partial Exempt Assessments:			Class		07/01/2019			07/01/2020		
County:			000		0.00					
State:			000		0.00					
Municipal:			000		0.00			0.00		
Tax Exempt: None			Special Tax Recapture: None							
Exempt Class: None										
Homestead Application Information										
Homestead Application Status: No Application										
Homeowners' Tax Credit Application Information										
Homeowners' Tax Credit Application Status: No Application						Date:				

1. This screen allows you to search the Real Property database and display property records.
2. Click **here** for a glossary of terms.
3. Deleted accounts can only be selected by Property Account Identifier.
4. The following pages are for information purpose only. The data is not to be used for legal reports or documents. While we have confidence in the accuracy of these records, the Department makes no warranties, expressed or implied, regarding the information.



# 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. Seeded preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable agricultural or construction equipment, such as disk harrows or chisel plows or rippers mounted on construction equipment. After the soil is loosened, it must not be rolled or dragged smooth but left in the roughened condition. Slopes 3:1 or flatter can be trenched with ridges running parallel to the contour of the slope.
      - b. Apply fertilizer and lime as prescribed on the plans.
      - c. Incorporate lime and fertilizer into the top 3 to 5 inches of soil by disking or other suitable means.
    2. Permanent Stabilization
      - a. A soil test is required for any earth disturbance of 5 acres or more. The minimum soil conditions required for permanent vegetative establishment are:
        - i. Soil pH between 6.0 and 7.0.
        - ii. Soluble salts less than 500 parts per million (ppm).
        - iii. Soil contains less than 40 percent clay but enough fine grained material (greater than 30 percent silt plus clay) to provide the capacity to hold a moderate amount of moisture. An exception: if loess will be planted, then a sandy soil (less than 30 percent silt plus clay) would be acceptable.
        - iv. Soil contains 1.5 percent minimum organic matter by weight.
        - v. Soil contains sufficient pore space to permit adequate root penetration.
      - b. Application of amendments or topsoil is required if on-site soils do not meet the above conditions.
      - c. Graded areas must be maintained in a true and even grade as specified on the approved plan, then scarified or otherwise loosened to a depth of 3 to 5 inches. B-13
      - d. Apply soil amendments by mechanical means. Mechanical means include the results of a soil test.
      - e. Mix soil amendments into the top 3 to 5 inches of soil by disking or other suitable means. Rake down areas to smooth the surface, remove large objects like stones and branches, and ready the surface for seeding. Loosen surface soil by dragging with a heavy chain or other equipment to roughen the surface where site conditions will not permit normal seeded preparation. Track slopes 3:1 or flatter may be prepared by the use of a bulldozer in irregular condition with ridges running parallel to the contour of the slope. Leave the top 1 to 3 inches of soil loose and friable. Seeded loosening may be unnecessary on newly disturbed areas.
  - B. Topsoiling**
    - a. Topsoil is placed over prepared subsoil prior to establishment of permanent vegetation. The purpose is to provide a suitable soil medium for vegetative growth. Soil conditions for topsoiling are:
      - i. Content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.
      - ii. Topsoil salvaged from an existing site may be used provided it meets the standards as set forth in these specifications. Topsoil to be applied to a site for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-NRCS.
      - iii. Topsoiling is limited to areas having 2:1 or flatter slopes.
      - iv. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
      - v. The soil material is so shallow that the rooting zone is not deep enough to produce plants or furnish continuing supplies of moisture and plant nutrients.
      - vi. The original soil to be vegetated contains material toxic to plant growth.
      - vii. The soil is so acidic that treatment with limestone is not feasible.
      - viii. Areas having slopes steeper than 2:1 require special consideration and design.
    - b. Topsoil specifications: Soil to be used as topsoil must meet the following criteria:
      - i. Topsoil must be a loam, sandy loam, clay loam, all loam, sandy clay loam, or loamy sand.
      - ii. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Topsoil must not be a mixture of contrasting textural subsoils and must contain less than 5 percent by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 1/2 inches in diameter.
      - iii. Topsoil must be free of noxious plants or plant parts such as Bermuda grass, quack grass, Johnson grass, net sedge, poison ivy, thistle, or others as specified.
      - iv. 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.
    - c. Topsoil Application
      - i. Erosion and sediment control practices must be maintained when applying topsoil.
      - ii. Uniformly distribute topsoil in a 5 to 8 inch layer and lightly compact to a minimum thickness of 4 inches. Spreading is to be performed in such a manner that adding or spreading can proceed with a minimum of additional preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations must be corrected in order to prevent the formation of depressions or water pockets.
      - iii. Topsoil must not be placed if the topsoil or subsoil is in a frozen or muddy condition, the B-14 and seeded preparation.
      - iv. Topsoil amendments (Fertilizer and Lime Specifications)
    - d. Soil tests must be performed to determine the exact rates and application rates for both lime and fertilizer on sites having disturbed areas of 5 acres or more. Soil analysis may be performed by a recognized private or commercial laboratory. Soil samples taken for engineering purposes may also be used for chemical analysis.
    - e. Fertilizers must be uniform in composition, free flowing and suitable for accurate application by appropriate equipment. Manure may be substituted for fertilizer with prior approval from the appropriate approval authority. Fertilizers must all be delivered to the site fully labeled according to the applicable laws and must bear the name, trade name or trademark and warranty of the producer.
    - f. Lime materials must be ground limestone or dolomite, which contains at least 90 percent calcium oxide (calcium oxide plus magnesium oxide). Limestone must be ground to such fineness that at least 50 percent will pass through a #100 mesh sieve and 98 to 100 percent will pass through a #200 mesh sieve.
    - g. Lime and fertilizer are to be evenly distributed and incorporated into the top 3 to 5 inches of soil by disking or other suitable means.
    - h. When the subsoil is either highly acidic or composed of heavy clays, spread ground limestone at the rate of 4 to 8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil.

- A. Soil Preparation**
  1. Temporary Stabilization
    - a. Seeded preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable agricultural or construction equipment, such as disk harrows or chisel plows or rippers mounted on construction equipment. After the soil is loosened, it must not be rolled or dragged smooth but left in the roughened condition. Slopes 3:1 or flatter can be trenched with ridges running parallel to the contour of the slope.
    - b. Apply fertilizer and lime as prescribed on the plans.
    - c. Incorporate lime and fertilizer into the top 3 to 5 inches of soil by disking or other suitable means.
  2. Permanent Stabilization
    - a. A soil test is required for any earth disturbance of 5 acres or more. The minimum soil conditions required for permanent vegetative establishment are:
      - i. Soil pH between 6.0 and 7.0.
      - ii. Soluble salts less than 500 parts per million (ppm).
      - iii. Soil contains less than 40 percent clay but enough fine grained material (greater than 30 percent silt plus clay) to provide the capacity to hold a moderate amount of moisture. An exception: if loess will be planted, then a sandy soil (less than 30 percent silt plus clay) would be acceptable.
      - iv. Soil contains 1.5 percent minimum organic matter by weight.
      - v. Soil contains sufficient pore space to permit adequate root penetration.
    - b. Application of amendments or topsoil is required if on-site soils do not meet the above conditions.
    - c. Graded areas must be maintained in a true and even grade as specified on the approved plan, then scarified or otherwise loosened to a depth of 3 to 5 inches. B-13
    - d. Apply soil amendments by mechanical means. Mechanical means include the results of a soil test.
    - e. Mix soil amendments into the top 3 to 5 inches of soil by disking or other suitable means. Rake down areas to smooth the surface, remove large objects like stones and branches, and ready the surface for seeding. Loosen surface soil by dragging with a heavy chain or other equipment to roughen the surface where site conditions will not permit normal seeded preparation. Track slopes 3:1 or flatter may be prepared by the use of a bulldozer in irregular condition with ridges running parallel to the contour of the slope. Leave the top 1 to 3 inches of soil loose and friable. Seeded loosening may be unnecessary on newly disturbed areas.
  - B. Topsoiling**
    - a. Topsoil is placed over prepared subsoil prior to establishment of permanent vegetation. The purpose is to provide a suitable soil medium for vegetative growth. Soil conditions for topsoiling are:
      - i. Content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.
      - ii. Topsoil salvaged from an existing site may be used provided it meets the standards as set forth in these specifications. Topsoil to be applied to a site for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-NRCS.
      - iii. Topsoiling is limited to areas having 2:1 or flatter slopes.
      - iv. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
      - v. The soil material is so shallow that the rooting zone is not deep enough to produce plants or furnish continuing supplies of moisture and plant nutrients.
      - vi. The original soil to be vegetated contains material toxic to plant growth.
      - vii. The soil is so acidic that treatment with limestone is not feasible.
      - viii. Areas having slopes steeper than 2:1 require special consideration and design.
    - b. Topsoil specifications: Soil to be used as topsoil must meet the following criteria:
      - i. Topsoil must be a loam, sandy loam, clay loam, all loam, sandy clay loam, or loamy sand.
      - ii. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Topsoil must not be a mixture of contrasting textural subsoils and must contain less than 5 percent by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 1/2 inches in diameter.
      - iii. Topsoil must be free of noxious plants or plant parts such as Bermuda grass, quack grass, Johnson grass, net sedge, poison ivy, thistle, or others as specified.
      - iv. 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.
    - c. Topsoil Application
      - i. Erosion and sediment control practices must be maintained when applying topsoil.
      - ii. Uniformly distribute topsoil in a 5 to 8 inch layer and lightly compact to a minimum thickness of 4 inches. Spreading is to be performed in such a manner that adding or spreading can proceed with a minimum of additional preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations must be corrected in order to prevent the formation of depressions or water pockets.
      - iii. Topsoil must not be placed if the topsoil or subsoil is in a frozen or muddy condition, the B-14 and seeded preparation.
      - iv. Topsoil amendments (Fertilizer and Lime Specifications)
    - d. Soil tests must be performed to determine the exact rates and application rates for both lime and fertilizer on sites having disturbed areas of 5 acres or more. Soil analysis may be performed by a recognized private or commercial laboratory. Soil samples taken for engineering purposes may also be used for chemical analysis.
    - e. Fertilizers must be uniform in composition, free flowing and suitable for accurate application by appropriate equipment. Manure may be substituted for fertilizer with prior approval from the appropriate approval authority. Fertilizers must all be delivered to the site fully labeled according to the applicable laws and must bear the name, trade name or trademark and warranty of the producer.
    - f. Lime materials must be ground limestone or dolomite, which contains at least 90 percent calcium oxide (calcium oxide plus magnesium oxide). Limestone must be ground to such fineness that at least 50 percent will pass through a #100 mesh sieve and 98 to 100 percent will pass through a #200 mesh sieve.
    - g. Lime and fertilizer are to be evenly distributed and incorporated into the top 3 to 5 inches of soil by disking or other suitable means.
    - h. When the subsoil is either highly acidic or composed of heavy clays, spread ground limestone at the rate of 4 to 8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil.

# TEMPORARY STABILIZATION SPECIFICATIONS TABLE

Hardness Zone (from Figure B-3): B-3  
Seed Mixture (from Table B-1):

No.	Species	Application Rate (lb/acre)	Seeding Dates	Seeding Depths
1	ANNUAL RYEGRASS	40	MAY 1 - MAY 15 AUG. 1 - OCT. 15	0.5 INCHES
2	FESTUCES	30	JUNE 1 - JULY 31	0.5 INCHES

# PERMANENT STABILIZATION SPECIFICATIONS TABLE

Hardness Zone (from Figure B-3): B-3  
Seed Mixture (from Table B-1):

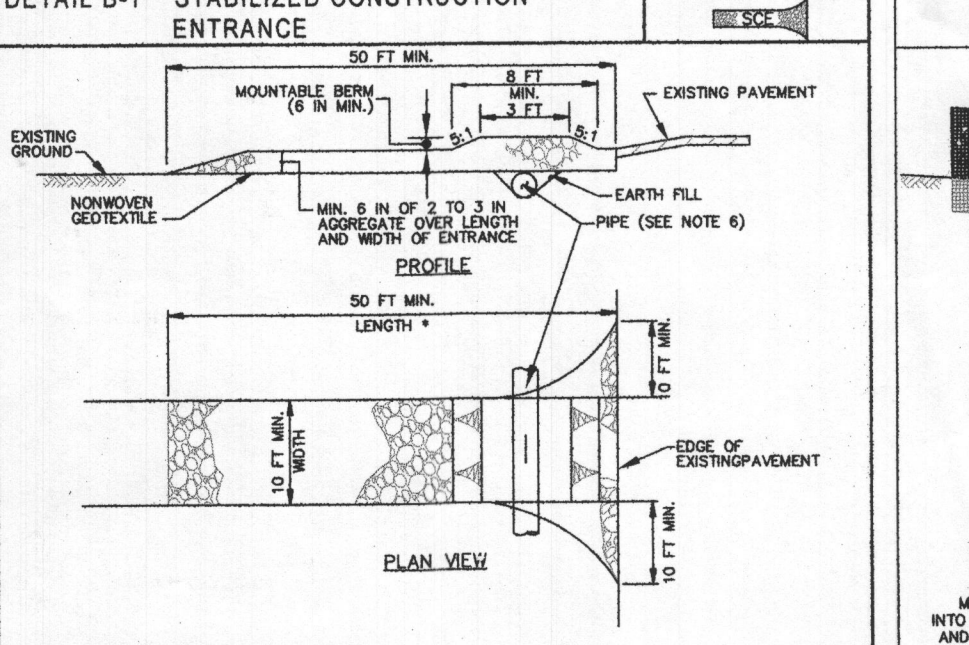
No.	Species	Application Rate (lb/acre)	Seeding Dates	Seeding Depths	N
1	ANNUAL RYEGRASS	20	MAY 1 - MAY 15 AUG. 1 - OCT. 15	1/4" - 1/2" in	45 pounds per 1,000 sq ft
2	FESTUCES	30	JUNE 1 - JULY 31	1/4" - 1/2" in	30 pounds per 1,000 sq ft

DUST CONTROL  
DUST CONTROL METHOD FOR THIS SITE TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES: CALCIUM CHLORIDE SHALL BE APPLIED TO EXPOSED SURFACES AT A RATE THAT WILL KEEP SURFACE MOIST UNTIL SOIL IS STABILIZED ACCORDING TO SPECIFIED SPEEDS. FOR THIS SITE AND AREAS TO BE FENCED ARE COMPLETED.

# 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, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND  
B. SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

# DETAIL B-1 STABILIZED CONSTRUCTION ENTRANCE



# CONSTRUCTION SPECIFICATIONS

1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SIZE. USE MINIMUM LENGTH OF 50 FEET (30 FEET FOR SINGLE LANE ENTRANCE) AND USE MINIMUM WIDTH OF 10 FEET. FLAME SIZE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PAVE ALL SURFACE WATER FLOWING TO OR DIVERTED THROUGH THE SIZE UNDER THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SIZE WITH A MOUNTABLE BERM WITH 6 INCHES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SIZE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SIZE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH OF THE SIZE.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRAPPING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE. MOUNTABLE BERM, AND SPECIFIED DIMENSIONS, WIDTH, HEIGHT, STONE AND/OR SEDIMENT TRAPPING, DROPPED, OR TRAPPED INTO ADJACENT ROADWAY BY VACUUMING, SCARPING, AND/OR SHEEPING. WARNING TRUCKS INTO ADJACENT ROADWAY SHALL BE ACCEPTABLE UNLESS ACCEPTABLE UNLESS WATER IS DIRECTLY TO AN APPROVED SEDIMENT CONTROL PRACTICE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE 2011

# 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 must be subject to re-testing by a recognized seed laboratory. All seed used must have been tested within the 6 months immediately preceding the date of sowing such material on any project. Refer to Table B-4 regarding the quality of seed. Seed lots must be available upon request to the inspector to verify type of seed and seeding rate.
      - b. Much alone may be applied between the fall and spring seeding dates only if the ground is frozen. The appropriate seeding rate must be applied when the ground thaws.
      - c. Inoculate lime and fertilizer into the top 3 to 5 inches of soil by disking or other suitable means. A pure culture of nitrogen fixing bacteria prepared specifically for the species. Inoculants must not be used unless the label indicates on the container. Do not use fresh inoculants as directed on the package. Use four times the recommended rate when hydroseeding. Note: It is very important to keep inoculant as cool as possible until used. Temperature above 75 to 80 degrees Fahrenheit can void bacteria and make the inoculant ineffective.
      - d. Seed or seed must not 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 degradation of phytotoxic materials.
    2. Application
      - a. Dry Seeding: This includes use of conventional drag or broadcast spreaders.
        - i. Incorporate seed into the subsoil at the rates prescribed on Temporary Seeding Table B.1, Permanent Seeding Table B.3, or site-specific seeding summaries.
        - ii. Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in each direction. Roll the seeded area with a weighted roller to provide good seed to soil contact. B.16
      - b. Mulch or Cultipacker Seeding: Mechanical means include the use of a cultipacker or a cultipacker. Cultipacker seeding is required to bury the seed in such a fashion as to provide at least 1/4 inch of soil covering. Seeded must be firm after slurring.
      - c. Hydroseeding: Apply seed uniformly with hydroseeder (slurry includes seed and fertilizer). If fertilizer is being applied, the time of seeding, the application rates should not exceed the following: nitrogen, 100 pounds per acre total of soluble nitrogen; P2 O5 (phosphorus), 200 pounds per acre; K2 O (potassium), 200 pounds per acre.
      - d. Lime: Use only ground agricultural limestones (up to 3 tons per acre may be applied by hydroseeder). Normally, not more than 2 tons are applied by hydroseeder. If more than 2 tons are used, use only burnt or hydrated lime when hydroseeding.
      - e. Mix seed and fertilizer on site and seed immediately and without interruption.
      - f. When hydroseeding do not incorporate seed into the soil.
  - B. Mulching**
    1. Mulch Materials (in order of preference)
      - i. Straw consisting of thoroughly threshed wheat, rye, oat, or barley and reasonably bright in color. Straw is to be free of noxious weed seeds and free of insecticide, herbicide, and other toxic materials, moldy, decayed, or excessively dirty. Note: Only sterile straw mulch in areas where one species of grass is desired.
      - ii. Wood Cellulose Fiber: Mulch (WCM) consisting of specially prepared wood cellulose processed into a uniform fibrous physical state.
      - iii. WCM must conform to the following physical requirements: fiber length of approximately 10 millimeters, diameter approximately 1 millimeter, pH range of 4.0 to 8.5, ash content of 1.5 percent maximum and water holding capacity of 90 percent minimum. B.17
      - iv. Apply mulch to all seeded areas immediately after seeding.
      - v. When straw mulch is used, spread it over all seeded areas at the rate of 2 tons per acre to a uniform loose depth of 1 to 2 inches. Apply mulch to achieve a uniform distribution and depth as well as that the soil surface is covered. When using a mulch anchoring tool, increase the application rate to 2.5 tons per acre.
      - vi. Wood cellulose fiber used as mulch must be applied at a net dry weight of 1500 pounds per acre. Mix the wood cellulose fiber with water to achieve a mixture with a maximum of 50 pounds of wood cellulose fiber per 100 gallons of water.
      - vii. Anchoring
        - i. Perform mulch anchoring immediately following application of mulch to minimize loss by wind or water. This may be done by one of the following methods (listed by preference), depending upon the size of the area and erosion hazard:
          - a. A mulch anchoring tool is a tractor draw implement designed to punch and anchor mulch into the soil surface a minimum of 2 inches. This practice is most effective on large areas, but is limited to flatter slopes where equipment can operate without difficulty. If used on sloping land, this practice should follow the contour.
          - b. Wood cellulose fiber may be used for anchoring straw. Apply the fiber binder at a net dry weight of 750 pounds per acre. Mix the wood cellulose fiber with water at a maximum of 50 pounds of wood cellulose fiber per 100 gallons of water.
          - c. Synthetic binders such as Acrylic (B-8), Polyurethane (B-9), Polysulfide, Terra Tex, Terra Track AR or other approved equal may be used. Follow application rates as specified by the manufacturer. Application of liquid binders needs to be followed by a windbreak or wind catches mulch, such as in valleys and on crests of banks. Use of asphalt binders is strictly prohibited. Lightweight plastic netting may be stapled over the mulch according to manufacturer recommendations. Netting is usually available in rolls 4 to 15 feet wide and 300 to 3,000 feet long.

- A. Seeding**
  1. Specifications
    - a. All seed must meet the requirements of the Maryland State Seed Law. All seed must be subject to re-testing by a recognized seed laboratory. All seed used must have been tested within the 6 months immediately preceding the date of sowing such material on any project. Refer to Table B-4 regarding the quality of seed. Seed lots must be available upon request to the inspector to verify type of seed and seeding rate.
    - b. Much alone may be applied between the fall and spring seeding dates only if the ground is frozen. The appropriate seeding rate must be applied when the ground thaws.
    - c. Inoculate lime and fertilizer into the top 3 to 5 inches of soil by disking or other suitable means. A pure culture of nitrogen fixing bacteria prepared specifically for the species. Inoculants must not be used unless the label indicates on the container. Do not use fresh inoculants as directed on the package. Use four times the recommended rate when hydroseeding. Note: It is very important to keep inoculant as cool as possible until used. Temperature above 75 to 80 degrees Fahrenheit can void bacteria and make the inoculant ineffective.
    - d. Seed or seed must not 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 degradation of phytotoxic materials.
  2. Application
    - a. Dry Seeding: This includes use of conventional drag or broadcast spreaders.
      - i. Incorporate seed into the subsoil at the rates prescribed on Temporary Seeding Table B.1, Permanent Seeding Table B.3, or site-specific seeding summaries.
      - ii. Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in each direction. Roll the seeded area with a weighted roller to provide good seed to soil contact. B.16
    - b. Mulch or Cultipacker Seeding: Mechanical means include the use of a cultipacker or a cultipacker. Cultipacker seeding is required to bury the seed in such a fashion as to provide at least 1/4 inch of soil covering. Seeded must be firm after slurring.
    - c. Hydroseeding: Apply seed uniformly with hydroseeder (slurry includes seed and fertilizer). If fertilizer is being applied, the time of seeding, the application rates should not exceed the following: nitrogen, 100 pounds per acre total of soluble nitrogen; P2 O5 (phosphorus), 200 pounds per acre; K2 O (potassium), 200 pounds per acre.
    - d. Lime: Use only ground agricultural limestones (up to 3 tons per acre may be applied by hydroseeder). Normally, not more than 2 tons are applied by hydroseeder. If more than 2 tons are used, use only burnt or hydrated lime when hydroseeding.
    - e. Mix seed and fertilizer on site and seed immediately and without interruption.
    - f. When hydroseeding do not incorporate seed into the soil.
- B. Mulching**
  1. Mulch Materials (in order of preference)
    - i. Straw consisting of thoroughly threshed wheat, rye, oat, or barley and reasonably bright in color. Straw is to be free of noxious weed seeds and free of insecticide, herbicide, and other toxic materials, moldy, decayed, or excessively dirty. Note: Only sterile straw mulch in areas where one species of grass is desired.
    - ii. Wood Cellulose Fiber: Mulch (WCM) consisting of specially prepared wood cellulose processed into a uniform fibrous physical state.
    - iii. WCM must conform to the following physical requirements: fiber length of approximately 10 millimeters, diameter approximately 1 millimeter, pH range of 4.0 to 8.5, ash content of 1.5 percent maximum and water holding capacity of 90 percent minimum. B.17
    - iv. Apply mulch to all seeded areas immediately after seeding.
    - v. When straw mulch is used, spread it over all seeded areas at the rate of 2 tons per acre to a uniform loose depth of 1 to 2 inches. Apply mulch to achieve a uniform distribution and depth as well as that the soil surface is covered. When using a mulch anchoring tool, increase the application rate to 2.5 tons per acre.
    - vi. Wood cellulose fiber used as mulch must be applied at a net dry weight of 1500 pounds per acre. Mix the wood cellulose fiber with water to achieve a mixture with a maximum of 50 pounds of wood cellulose fiber per 100 gallons of water.
    - vii. Anchoring
      - i. Perform mulch anchoring immediately following application of mulch to minimize loss by wind or water. This may be done by one of the following methods (listed by preference), depending upon the size of the area and erosion hazard:
        - a. A mulch anchoring tool is a tractor draw implement designed to punch and anchor mulch into the soil surface a minimum of 2 inches. This practice is most effective on large areas, but is limited to flatter slopes where equipment can operate without difficulty. If used on sloping land, this practice should follow the contour.
        - b. Wood cellulose fiber may be used for anchoring straw. Apply the fiber binder at a net dry weight of 750 pounds per acre. Mix the wood cellulose fiber with water at a maximum of 50 pounds of wood cellulose fiber per 100 gallons of water.
        - c. Synthetic binders such as Acrylic (B-8), Polyurethane (B-9), Polysulfide, Terra Tex, Terra Track AR or other approved equal may be used. Follow application rates as specified by the manufacturer. Application of liquid binders needs to be followed by a windbreak or wind catches mulch, such as in valleys and on crests of banks. Use of asphalt binders is strictly prohibited. Lightweight plastic netting may be stapled over the mulch according to manufacturer recommendations. Netting is usually available in rolls 4 to 15 feet wide and 300 to 3,000 feet long.

# B-4-4 STANDARDS AND SPECIFICATIONS

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

No.	Species	Application Rate (lb/acre)	Seeding Dates	Seeding Depths
1	ANNUAL RYEGRASS	40	MAY 1 - MAY 15 AUG. 1 - OCT. 15	0.5 INCHES
2	FESTUCES	30	JUNE 1 - JULY 31	0.5 INCHES

# PERMANENT STABILIZATION SPECIFICATIONS TABLE

Hardness Zone (from Figure B-3): B-3  
Seed Mixture (from Table B-1):

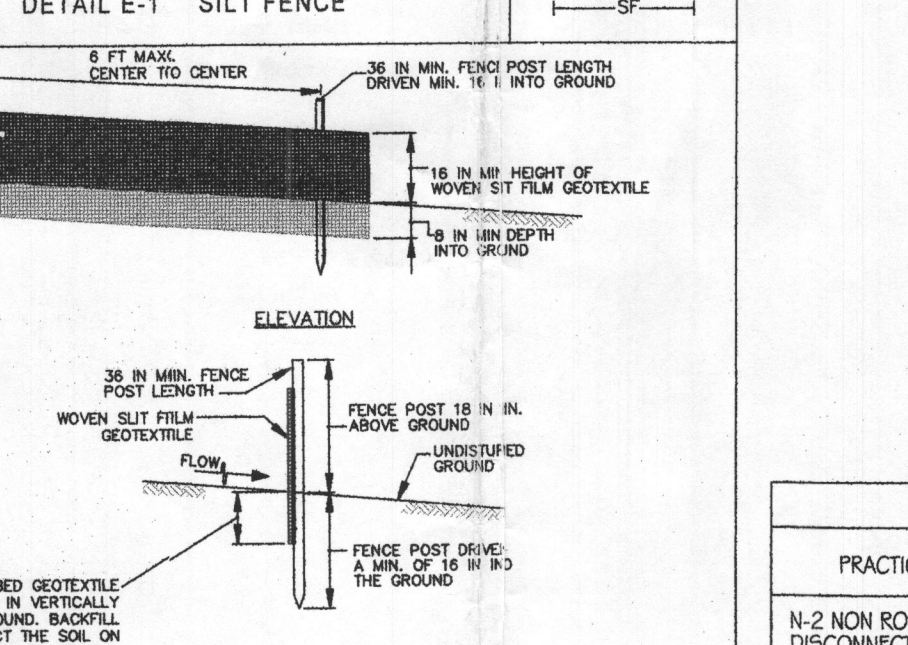
No.	Species	Application Rate (lb/acre)	Seeding Dates	Seeding Depths	N
1	ANNUAL RYEGRASS	20	MAY 1 - MAY 15 AUG. 1 - OCT. 15	1/4" - 1/2" in	45 pounds per 1,000 sq ft
2	FESTUCES	30	JUNE 1 - JULY 31	1/4" - 1/2" in	30 pounds per 1,000 sq ft

DUST CONTROL  
DUST CONTROL METHOD FOR THIS SITE TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES: CALCIUM CHLORIDE SHALL BE APPLIED TO EXPOSED SURFACES AT A RATE THAT WILL KEEP SURFACE MOIST UNTIL SOIL IS STABILIZED ACCORDING TO SPECIFIED SPEEDS. FOR THIS SITE AND AREAS TO BE FENCED ARE COMPLETED.

# 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, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND  
B. SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

# DETAIL E-1 SILT FENCE



# CONSTRUCTION SPECIFICATIONS

1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SIZE. USE MINIMUM LENGTH OF 50 FEET (30 FEET FOR SINGLE LANE ENTRANCE) AND USE MINIMUM WIDTH OF 10 FEET. FLAME SIZE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PAVE ALL SURFACE WATER FLOWING TO OR DIVERTED THROUGH THE SIZE UNDER THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SIZE WITH A MOUNTABLE BERM WITH 6 INCHES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SIZE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SIZE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH OF THE SIZE.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRAPPING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE. MOUNTABLE BERM, AND SPECIFIED DIMENSIONS, WIDTH, HEIGHT, STONE AND/OR SEDIMENT TRAPPING, DROPPED, OR TRAPPED INTO ADJACENT ROADWAY BY VACUUMING, SCARPING, AND/OR SHEEPING. WARNING TRUCKS INTO ADJACENT ROADWAY SHALL BE ACCEPTABLE UNLESS ACCEPTABLE UNLESS WATER IS DIRECTLY TO AN APPROVED SEDIMENT CONTROL PRACTICE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE 2011

# HOWARD SOIL CONSERVATION DISTRICT STANDARD SEDIMENT CONTROL NOTES

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 LDD and protected area marked clearly in the field. A minimum of 48 hour notice to CID must be given a the following slopes:
  - a. Prior to the start of earth disturbance,
  - b. Upon completion of the installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading,
  - c. Prior to the start of another phase of construction or opening of another grading unit,
  - d. Prior to the removal or modification of sediment control practices.
 Other building or grading inspection approvals must not be authorized until this initial approval by inspection agency is made. Other related state and federal permits shall be referenced, to ensure coordination and to avoid conflicts with this plan.
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR THE SOIL EROSION AND SEDIMENT CONTROL, and revisions thereto.
3. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization is required within three (3) calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes steeper than 3 horizontal to 1 vertical (3:1); and seven (7) calendar days as to all other disturbed areas on the project site except for those areas under active grading.
4. All disturbed areas must be stabilized within the time period specified above in accordance with the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR TOPSOIL (Sec. B-4-2), permanent seeding (Sec. B-4-3), temporary seeding (Sec. B-4-4) and mulching (Sec. B-4-5). Temporary stabilization (Sec. B-4-4) in excess of 30 ft. must be benched with stable outcrop. All concentrated flow, steep slope, and highly erodible areas shall receive soil stabilization matting (Sec. B-4-6).
5. 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 CID.
6. Site Analysis:
 

Total Area of Site	1.15 Acres.
Area Disturbed	0.40 Acres.
Area to be seeded or paved	0.087 Acres.
Area to be vegetatively stabilized	0.31 Acres.
Total Cut	0.00 Cu. Yds.
Total Fill	N/A

 Offsite waste/borrow area location
7. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
8. Additional sediment control must be provided, if deemed necessary by the CID. The site and all controls shall be inspected by the contractor weekly, and the next day after each rain event.
  - a. A written report by the contractor, made available upon request, is part of every inspection.
  - b. Name and title of inspector
  - c. Weather information (current conditions as well as time and amount of last recorded precipitation)
  - d. Brief description of project's status (e.g. percent complete) and/or current activities
  - e. Evidence of sediment disturbances
  - f. Identification of plan deficiencies
  - g. Identification of sediment controls that require maintenance
  - h. Identification of missing or improperly installed sediment controls
  - i. Compliance status regarding the sequence a construction and stabilization requirements
  - j. Photographs
  - k. Monitoring/sampling
  - l. Maintenance and/or corrective action performed
  - m. Other inspection items as required by the General Permit for Stormwater Associated with Construction Activities (NPDES, MDC).
9. Trenches for the construction of utilities is limited to three pipe lengths or that which can and shall be back-filled and stabilized by the end of each workday, whichever is shorter.
10. Any major changes or revisions to the plan or sequence of construction must be reviewed and approved by the HSCD prior to proceeding with construction. Minor revisions may allowed by the CID per the list of HSCD-approved field changes.
11. Disturbance shall not occur outside the L.O.D. A project is to be sequenced so that grading activities begin on one grading unit (maximum acreage of 20 ac. per grading unit) at a time. 14 ft. Silt Fence and Super Silt Fence shall be placed on-the-contour, and be imbedded at 25' minimum interval, with lower ends curled uphill by 2' in elevation.
12. Stream channels must not be disturbed during the following restricted time periods (inclusive):
  - a. Use I and II March 1 - June 15
  - b. Use III and IIIP October 1 - April 30
  - c. Use IV March 1 - May 31
13. A copy of this plan, the 2011 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL, and associated permits shall be on-site and available when the site is active.

# B-4-5 STANDARDS AND SPECIFICATIONS

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