Gown-9575

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410) 313-2455 INSPECTIONS (410) 313-1910
AUTOMATED INFORMATION (410) 313-3800

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B 00153280

Building Address 7116 BROOKE ROAD
COLLEGE PARK, MD. 20777

Suite/Apt. #: 05-3623318 SDP/WP/Petition #:

Census Tract [redacted] Subdivision

Section Area Lot 4

Tax Map Parcel Grid 1C

Zoning Map Coordinates 14NE Lot size 5 ACRE

Property Owner's Name OYEKAN OMOLOLU

Address 5015 MINEOLA ROAD

City COLLEGE PARK State MD Zip Code 20740

Home Phone 240-832-3987 Work Phone 301-596-3446

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

Phone Fax

Existing Use

Proposed Use SINGLE FAMILY DWELLING

Estimated Construction Cost $

Description of Work

Contractor Company KADER TRADES CONST

Contact Person JACK KADER

Address [redacted] 301-603-8400

City Rockville State MD Zip Code 20853

License No. 4670

Phone [redacted] Fax 301-613-5110

Occupant or Tenant

Contact Name

Address

City State Zip Code

Phone Fax

Engineer or Architect Company

Contact Person

Address

City State Zip Code

Phone Fax

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics

Height: 40

No. of stories: 2

Gross area, sq. ft. per floor:

Use group:

Construction type:
- ____ Reinforced Concrete
- ____ Structural Steel
- ____ Masonry
- ____ Wood Frame
- ____ State Certified Modular

Utilities

Water Supply:
- ____ Public
- ____ Private

Sewage Disposal:
- ____ Public
- ____ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
- ____ Full
- ____ Partial
- ____ Other Suppression
- ____ # of Heads

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics

SF Dwelling ☐ SF Townhouse ☐

	Depth	Width
1st floor:	46	
2nd floor:	46	
Basement:		

Finished Basement ☐ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms 6
Height:
Multi-family dwellings:
No. of efficiency units:
No. of 1 BR units:
No. of 2 BR units:
No. of 3 BR units:

Other Structure:
Dimensions:
Footings:
Roof Height:

____ State Certified Modular
____ Manufactured Home

Utilities

Water Supply:
- ____ Public
- ✓ Private

Sewage Disposal:
- ____ Public
- ____ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
- ____ NFPA #13D
- ____ NFPA #13R
- ____ Other:

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

Applicant's Signature

Title/Company

Print Name OYEKAN I & KENDA S OMOLOLU

Date 12/27/06

Checks payable to: ***DIRECTOR OF FINANCE OF HOWARD COUNTY***

** PLEASE WRITE NEATLY AND LEGIBLY. **

6878

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AGENCY	DATE	SIGNATURE APPROVAL
and Development, DPZ		
tate Highways		
uilding Official		
ev. Engineering, DPZ		
ealth	3/4/06	
re Protection		

Sediment Control approval required prior to issuance?
YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐
ONE STOP SHOP: ☐

DPZ SETBACK INFORMATION

Front:
Rear:
Side:
Side St.:
All minimum setbacks met?
YES ☐ NO ☐
Is Entrance Permit required?
YES ☐ NO ☐
Historic District?
YES ☐ NO ☐
Lot Coverage for NewTown Zone
SDP/Red-line approval date

PROPERTY ID#:	
Filing fee	$
Permit fee	$
Excise tax	$
Add'l per. fee	$
TOTAL FEES	$
Sub-total paid	$
Balance due	$
Check	# 9521
Validation	# 109445

Accepted by

tribution of Copies- White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

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Rev. 11/4/04

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410) 313-2455 INSPECTIONS (410) 313-1810
AUTOMATED INFORMATION (410) 313-3800

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B07004605

Building Address 7145 Brooks Rd. Highland, MD 20777

Suite/Apt. #: _____ SDP/WP/Petition #: _____

Census Tract _____ Subdivision _____

Section _____ Area _____ Lot _____

Tax Map _____ Parcel _____ Grid _____

Zoning Map Coordinates Lot size

Property Owner's Name Rhonda Oyekan

Address 7145 Brooks Rd.

City Highland State MD Zip Code 20777

Home Phone 301-496-3795 Work Phone _____

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

Phone Fax

Existing Use SF Dwelling

Proposed Use Same

Estimated Construction Cost $ 5,000

Description of Work Bury 1-1950 gal ug propane tank.

Contractor Company Suburban Propane

Contact Person James McKenney

Address 31 Derwood Cr.

City Rockville State MD Zip Code 20850

License No. 78266

Phone 301-251-0606 Fax 301-251-0608

Occupant or Tenant Rhonda Oyekan

Contact Name _____

Address 7145 Brooks Rd

City Highland State MD Zip Code 20777

Phone 301-496-3795 Fax

Engineer or Architect Company _____

Contact Person _____

Address _____

City _____ State _____ Zip Code _____

Phone Fax

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics

Height:

No. of stories:

Gross area, sq. ft. per floor:

Use group:

Construction type:
_____ Reinforced Concrete
_____ Structural Steel
_____ Masonry
_____ Wood Frame

_____ State Certified Modular

Utilities

Water Supply:
____ Public
____ Private
Sewage Disposal:
____ Public
____ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
____ Full
____ Partial
____ Other Suppression
____ # of Heads

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics

SF Dwelling ☐ SF Townhouse ☐

	Depth	Width
1st floor:		
2nd floor:		
Basement:		

Finished Basement ☐ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms _____
Height: _____
Multi-family dwellings:
No. of efficiency units: _____
No. of 1 BR units: _____
No. of 2 BR units: _____
No. of 3 BR units: _____

Other Structure: _____
Dimensions: _____
Footings: _____
Roof Height: _____

_____ State Certified Modular
_____ Manufactured Home

Utilities

Water Supply:
____ Public
__✓__ Private
Sewage Disposal:
____ Public
__✓__ Private

Electric Yes ☐ No ☐
Gas Yes ☑ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☑

Sprinkler system: N/A ☐
____ NFPA #13D
____ NFPA #13R
____ Other:

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

Applicant's Signature

James McKenney
Print Name

Mgr. Suburban Propane
Title/Company

11-9-07
Date

Checks payable to: ***DIRECTOR OF FINANCE OF HOWARD COUNTY***

** PLEASE WRITE NEATLY AND LEGIBLY. **

- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
✓ Building Official		
Dev. Engineering, DPZ		
✓ Health	11/20/07	
Fire Protection		

Is Sediment Control approval required prior to issuance?
YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐
ONE STOP SHOP: ☐

DPZ SETBACK INFORMATION

Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met?
YES ☐ NO ☐
Is Entrance Permit required?
YES ☐ NO ☐
Historic District?
YES ☐ NO ☐
Lot Coverage for New Town Zone _____
SDP/Red-line approval date _____

PROPERTY ID#:

Filing fee	$
Permit fee	$ 100.00
Excise tax	$ 10.00
Add'l per. fee	$
TOTAL FEES	$ 110.00
Sub-total paid	$
Balance due	$
Check	# 296491
Validation	#

Accepted by

Distribution of Copies- White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

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Rev. 11/4/04

Howard County
Health Department

Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

December 17, 2007

Mr. Omololu Oyekan
7145 Brooks Road
Highland, MD 20777

RE: **Grading in the approved mound sewage disposal area**
7145 Brooks Road
Highland, MD 20777

Mr. Oyekan:

This office has received your letter dated December 17, 2007. In early October this Department determined that the above referenced property had been altered/graded and resulted in the loss of suitable area for on-site sewage disposal area. It is your responsibility to have an engineer/consultant provide a plan that demonstrates that there is adequate area for the initial septic system and two replacements. In the event that there is not adequate area for three conventional septic systems for the construction of a new home, innovative and alternative technology may be considered. Your November 14, 2007 submittal (plan accompanying B07004605) is not complete and has major mound design issues that must be addressed. Please refer to the mound design manual for calculating the size of the mound up slope and down slope dimensions. The bed area should not differ by more than six inches in the lower corners of the gravel bed or down slope corners. Refer to the original approved plans from Innova, Ltd. Innovative Wastewater Treatment Systems for design content and plan requirements.

Once your engineer has completed the calculations and tried to locate the mounds on the property, I believe they will find that there is not adequate area for three mound systems. If that is true, additional testing will need to be performed to find additional area. The additional area must be reviewed for conventional, innovative and alternative design. You may wish to consider relocating the existing well if other area is not suitable outside the one hundred foot setback.

Lastly, the mound system installation period has ended. Installation of a mound is prohibited when soils are frozen and construction should not occur if the soil is too wet. Ground preparation is essential and may not occur under the current ground conditions. I regret to inform your request to complete the installation of mound system without identifying a third system will not be possible without an approved plan and will not be permitted until late spring or summer. If we have unusually warm and dry condition before that period, this office will notify you that may install a mound system in

accordance with an approved plan. Your second request to allow the use of holding tanks is prohibited by the *Annotated Code of Maryland Title 26.04.02.03 B.*

Respectfully,

Michael J. Davis
Well and Septic Program Manager

c: file

SEQUENCE OF CONSTRUCTION

1. THE PERMITTEE MUST SETUP A PRE-CONSTRUCTION MEETING WITH SEDIMENT CONTROL INSPECTOR AT (410-313-1855) AT LEAST 48 HOURS BEFORE COMMENCING LAND DISTURBING ACTIVITY.
2. CLEAR FOR AND CONSTRUCT SCE W/EARTHEN BERM DIVERSION, SILT FENCE & SUPER SILT FENCE DIVERSION. (CONVERT EARTHEN BERM DIVERSION TO ASPHALT AT THE DIRECTION OF THE INSPECTOR). — 1 WEEK
3. APPROVAL OF SEDIMENT CONTROLS BY SEDIMENT CONTROL INSPECTOR PRIOR TO PROCEEDING WITH ADDITIONAL CLEARING, GRADING HOUSE CONSTRUCTION AND UTILITY INSTALLATION. — 10 WEEKS
4. AFTER CONSTRUCTION IS COMPLETE, STABILIZE ALL REMAINING DISTURBED AREAS. — 1 DAY
5. WITH WRITTEN PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROLS AND STABILIZE THE REMAINDER OF THE SITE. — 1 WEEK

LEGEND

- LIMIT OF DISTURBANCE
- SSF — SUPER SILT FENCE
- SFD — SUPER FENCE DIVERSION
- SCE — STONE CONSTRUCTION ENTRANCE
- CIP — STANDARD INLET PROTECTION
- EX. DRAINAGE
- PR. DRAINAGE

ENGINEER'S CERTIFICATION

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Geoffrey L. Ciniero — 2/13/06

SIGNATURE OF ENGINEER — DATE
PRINT NAME BELOW SIGNATURE
Geoffrey L. Ciniero

OWNER'S/DEVELOPER'S CERTIFICATION

"I/WE HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATION OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

SIGNATURE OF OWNER/DEVELOPER — DATE
PRINT NAME BELOW SIGNATURE

GP-06-62

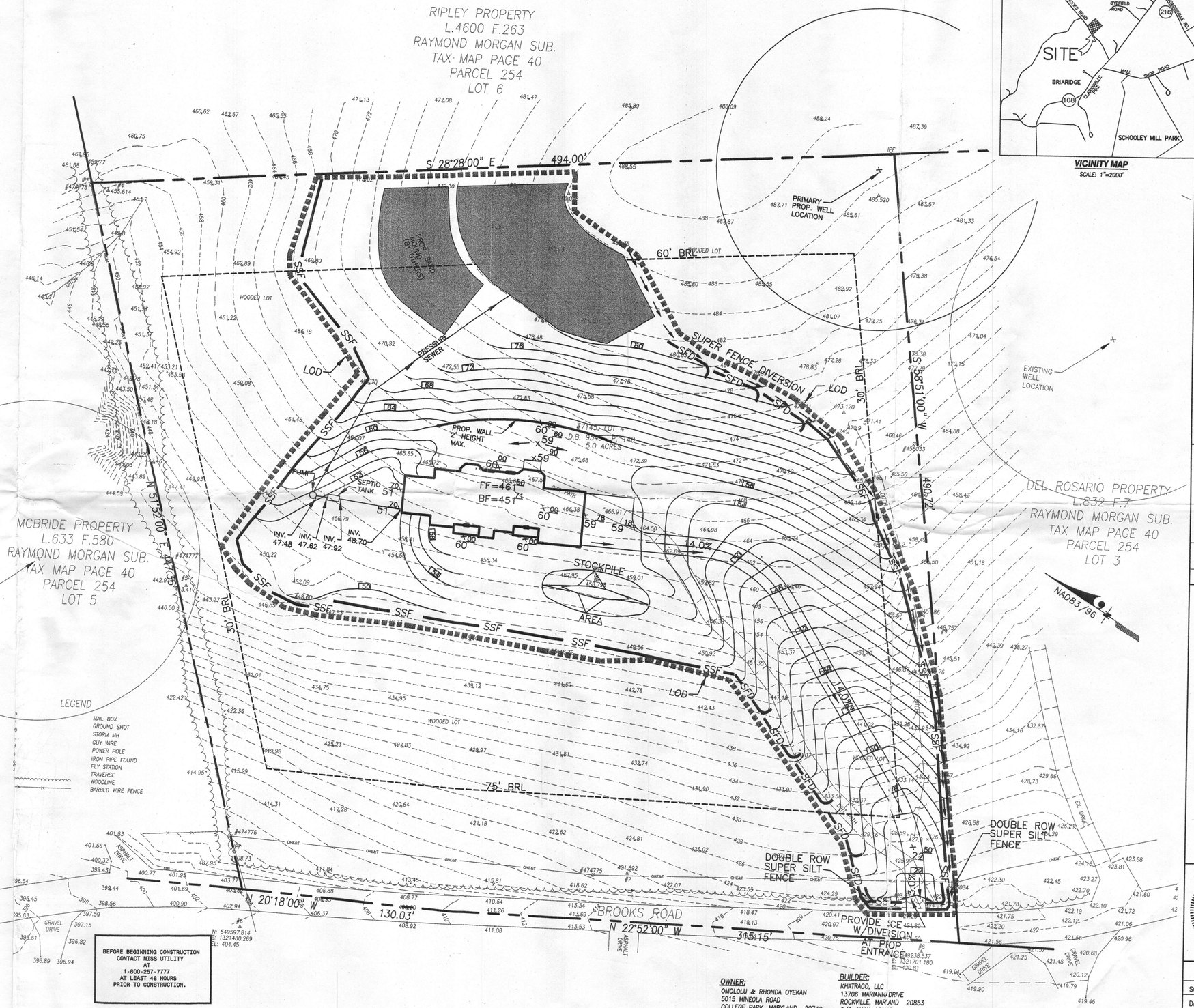
REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.

USDA - NATURAL RESOURCES CONSERVATION SERVICE — 2/23/06 DATE

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

HOWARD SCD — 2/23/06 DATE

PERMIT # D00158280



VICINITY MAP
SCALE: 1"=2000'

OWNER:
OMOLOLU & RHONDA OYEKAN
5015 MINEOLA ROAD
COLLEGE PARK, MARYLAND 20740

BUILDER:
KHATRACO, LLC
13706 MARIANNA DRIVE
ROCKVILLE, MARYLAND 20853
C/O JAMAL KHAAR
(301) 603-8406

BEFORE BEGINNING CONSTRUCTION CONTACT MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

J·B·A
Johnson • Bernat • Associates, Inc.
Engineering • Surveying • Planning
1395 Piccard Drive, Suite 350
Rockville, Maryland 20850
Tel. (301) 963-1133
Fax: (301) 963-6306
www.jba-inc.net

REV. NO.	DATE	REVISIONS PRIOR TO APPROVAL

OYEKAN RESIDENCE
LOT 4

SEDIMENT CONTROL PLAN

TAX MAP 40, PARCEL 254, ZONING-RR-DEO
7145 BROOKS ROAD, HIGHLAND, MARYLAND 20777
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

STATE OF MARYLAND
GEOFFREY LIN CINIERO
No. 22538
PROFESSIONAL ENGINEER
2/13/06

0 30

SCALE:	1"=30'
DATE:	02/13/06
SHEET	SCP1 OF SCP3
FILE NO:	05-085

20.0 STANDARDS AND SPECIFICATIONS
FOR
VEGETATIVE STABILIZATION

Definition

Using vegetation as cover for barren soil to protect it from forces that cause erosion.

Purpose

Vegetative Stabilization specifications are used to promote the establishment of vegetation on exposed soil. When soil is stabilized with vegetation, the soil is less likely to erode and more likely to allow infiltration of rainfall, thereby reducing sediment loads and runoff to downstream areas, and improving wildlife habitat and visual resources.

Conditions Where Practice Applies

This practice shall be used on denuded areas as specified on the plans and may be used on highly erodible or critically eroding areas. This specification is divided into Temporary Seeding, to quickly establish vegetative cover for short duration (up to one year), and Permanent Seeding, for long term vegetative cover. Examples of applicable areas for Temporary Seeding are temporary soil stockpiles, cleared areas being left idle between construction phases, earth dikes, etc. and for Permanent Seeding are lawns, dams, cut and fill slopes and other areas at final grade, former stockpile and staging areas, etc.

Effects on Water Quality and Quantity

Planting vegetation in disturbed areas will have an effect on the water budget, especially on volumes and rates of runoff, infiltration, evaporation, transpiration, percolation, and groundwater recharge. Vegetation, over time, will increase organic matter content and improve the water holding capacity of the soil and subsequent plant growth.

Vegetation will help reduce the movement of sediment, nutrients, and other chemicals carried by runoff to receiving waters. Plants will also help protect groundwater supplies by assimilating those substances present withing the root zone.

Sediment control devices must remain in place during grading, seedbed preparation, seeding, mulching and vegetative establishment to prevent large quantities of sediment and associated chemicals and nutrients from washing into surface waters.

Section I – Vegetative Stabilization Methods and Materials

A. Site Preparation

i. Install erosion and sediment control structures (either temporary or permanent) such as diversions, grade stabilization structures, berms, waterways, or sediment control basins.

ii. Perform all grading operations at right angles to the slope. Final grading and shaping is not usually necessary for temporary seeding.

iii. Schedule required soil tests to determine soil amendment composition and application rates for sites having disturbed area over 5 acres.

B. Soil Amendments (Fertilizer and Lime Specifications)

i. Soil tests must be performed to determine the exact ratios and application rates for both lime and fertilizer on sites having disturbed areas over 5 acres. Soil analysis may be performed by the University of Maryland or a recognized commercial laboratory. Soil samples taken for engineering purposes may also be used for chemical analyses.

ii. Fertilizers shall be uniform in composition, free flowing and suitable for accurate application by approved equipment. Manure may be substituted for fertilizer with prior approval from the appropriate approval authority. Fertilizers shall all be delivered to the site fully labeled according to the applicable state fertilizer laws and shall bear the name, trade name or trademark and warrantee of the producer.

iii. Lime materials shall be ground limestone (hydrated or burnt lime may be substituted) which contains at least 50% total oxides (Calcium oxide plus magnesium oxide). Limestone shall be ground to such fineness that at least 50% will pass through a #100 mesh sieve and 98 – 100% will pas through a #20 mesh sieve.

iv. Incorporate lime and fertilizer into the top 3 – 5" of soil by disking or other suitable means.

C. Seedbed Preparation

i. Temporary Seeding

a. Seedbed preparation shall consist of loosening soil to a depth of 3" to 5" by means of suitable agricultural or construction equipment, such as disc harrows or chisel plows or rippers mounted on construction equipment. After the soil is loosened it should not be rolled or dragged smooth but left in the roughened condition. Sloped areas (greater than 3:1) should be tracked leaving the surface in an irregular condition 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 – 5" of soil by disking or other suitable means.

ii. Permanent Seeding

a. Minimum soil conditions required for permanent vegetative establishment:

1. Soil pH shall be between 6.0 and 7.0
2. Soluble salts shall be less than 500 parts per million (ppm).
3. The soil shall contain less than 40% clay but enough fine grained material (> 30% silt plus clay) to provide the capacity to hold a moderate amount of moisture. An exception is if lovegrass or sericia lespedeza is to be planted, then a sandy soil (< 30% silt plus clay) would be acceptable.
4. Soil shall contain 1.5% minimum organic matter by weight.
5. Soil must contain sufficient pore space to permit adequate root penetration.
6. If these conditions cannot be met by soils on site, adding topsoil is required in accordance with Section 21 Standard and Specification for Topsoil.

b. Seed Specifications

i. All seed must meet the requirements of the Maryland State Seed Law. All seed shall be subject to re-testing by a recognized seed laboratory. All seed used shall have been tested within the 6 months immediately preceding the date of sowing such material on this job.

Note: Seed tags shall be made available to the inspector to verify type and rate of seed used.

ii. Inoculant – The inoculant for treating legume seed in the seed mixtures shall be a pure culture of nitrogen-fixing bacteria prepared specifically for the species. Inoculants shall not be used later than the date indicated on the container. Add fresh inoculant as directed on package. Use four times the recommended rate when hydroseeding. Note: It is very important to keep inoculant as cool as possible until used. Temperatures above 75–80o F. can weaken bacteria and make the inoculant less effective.

D. Methods of Seeding

i. Hydroseeding: Apply seed uniformly with hydroseeder (slurry includes seed and fertilizer), broadcast or drop seeder, or a cultipacker seeder.

a. If fertilizer is being applied at the time of seeding, the application rates amounts will not exceed the following: nitrogen; maximum of 100 lbs. Per acre total of soluble nitrogen; P205 (phosphorous): 200 lbs/ac; K20 (potassium): 200 lbs/ac.

b. Lime – use only ground agricultural limestone, (Up to 3 tons per acre may be applied by hydroseeding). Normally, not more than 2 tons are applied by hydroseeding at any one time. Do not used burnt or hydrated lime when hydroseeding.

c. Seed and fertilizer shall be mixed on site and seeding shall be done immediately and without interruption.

ii. Dry Seeding: This includes used of conventional drop or broadcast spreaders.

a. Seed spread dry shall be incorporated into the subsoil at the rates prescribed on the Temporary or Permanent Seeding Summaries or Tables 25 or 26. The seeded area shall then be rolled with a weighted roller to provide good seed to soil contact.

b. Where practical, seed should be applied in tow directions perpendicular to each other. Apply half the seeding rate in each direction.

iii. Drill or Cultipacker Seeding: Mechanized seeders that apply and cover seed with soil.

a. Cultipacking seeders are required to bury the seed in such a fashion as to provide at least 1/4 inch of soil covering. Seedbed must be firm after planting.

b. Where practical, seed should be applied in two directions perpendicular to each other. Apply half the seeding rate in each direction.

E. Mulch Specifications (In order of preference)

i. Straw shall consist of throughly threshed wheat, rye or oat straw, reasonably bright in color, and shall not be musty, moldy, caked, decayed, or excessively dusty and shall be free of noxious weed seeds as specified in the Maryland Seed Law.

ii. Wood Cellulose Fiber Mulch (WCFM)

a. WCFM shall consist of specially prepared wood cellulose processed into a uniform fibrous physical state.

b. WCFM shall be dyed green or contain a green dye in the package that will provide an appropriate color to facilitate visual inspection of the uniformly spread slurry.

c. WCFM, including dye, shall contain no germination or growth inhibiting factors.

d. WCFM materials shall be manufactured and processed in such a manner that the wood cellulose fiber mulch will remain in uniform suspension in water under agitation and will blend with seed, fertilizer and other additives to form a homogeneous slurry. The mulch material shall form a blotter-like ground cover, on application, having moisture absorption and percolation properties and shall cover and hold grass seed in contact with the soil without inhibiting the growth of the grass seedlings.

e. WCFM material shall contain no elements or compounds at concentration levels that will be phyto-toxic.

f. WCFM must conform to the following physical requirements: fiber length to approximately 10 mm., diameter approximately 1 mm., pH range of 4.0 to 8.5, ash content of 1.6% maximum and water holding capacity of 90% minimum.

Note: Only sterile straw mulch should be used in areas where one species of grass is desired.

F. Mulching Seeded Areas – Mulch shall be applied to all seeded areas immediately after seeding.

i. If grading is completed outside of the seeding season, mulch alone shall be applied as prescribed in this section and maintained until the seeding season returns and seeding can be performed in accordance with these specifications.

ii. When straw mulch is used, it shall be spread over all seeded areas at the rate 2 tons/acre. Mulch shall be applied to a uniform loose depth of between 1" and 2". Mulch applied shall achieve a uniform distribution and depth so that the soil surface is not exposed. If a mulch anchoring tool is to be used, the rate should be increased to 2.5 tons/acre.

iii. Wood Cellulose fiber used as a mulch shall be applied at a net dry weight of 1,500 lbs. Per acre. The wood cellulose fiber shall be mixed with water, and the mixture shall contain a maximum of 50 lbs. of wood cellulose fiber per 100 gallons of water.

G. Securing Straw Mulch (Mulch Anchoring): Mulch anchoring shall be performed immediately following mulch application to minimize loss by wind or water. This may be done by one of the following methods (listed by preference), depending upon size of area and erosion hazard:

i. A mulch anchoring tool is a tractor drawn implement designed to punch and anchor mulch into the soil surface a minimum of two (2) inches. This practice is most effective on large areas, but is limited to flatter slopes where equipment can operate safely. If used on sloping land, this practice

ii. Wood cellulose fiber may be used for anchoring straw. The fiber binder shall be applied at a net dry weight of 750 pounds/acre. The wood cellulose fiber shall be mixed with water and the

II, Terra Tack Ar or other approved equal may be used at rates recommended by the manufacturer

iv. Lightweight plastic netting may be stapled over the mulch according to manufacturer's recommendations. Netting is usually available in rolls 4' to 15' feet wide and 300 to 3,000 feet

H. Incremental Stabilization – Cut Slopes

i. All cut slopes shall be dressed, prepared, seeded and mulched as the work progresses. Slopes shall be excavated and stabilized in equal increments not to exceed 15'.

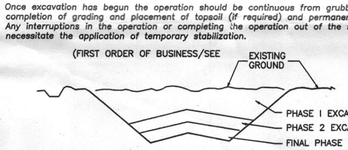
a. Excavate and stabilize all temporary swales, side ditches, or berms that will be used to convey

b. Perform phase 1 excavation, dress, and stabilize.

c. Perform phase 2 excavation, dress, and stabilize. Overseed phase 1 areas as necessary.

d. Perform final phase excavation, dress, and stabilize. Overseed previously seeded areas as

Note: Once excavation has begun the operation should be continuous from grubbing through the completion of grading and placement of topsoil (if required) and permanent seed and mulch. Any interruptions in the operation or completing the operation out of the seeding season will necessitate the application of temporary stabilization.



I. Incremental Stabilization of Embankments – Fill Slopes

i. Embankments shall be constructed in lifts as prescribed on the plans.

ii. Slopes shall be stabilized immediately when the vertical height of the multiple lifts reaches 15', or when the grading operation ceases as prescribed in the plans.

iii. At the end of each day, temporary berms and pipe slope drains should be constructed along the top edge of the embankment to intercept surface runoff and convey it down the slope in a non-erosive

iv. Construction sequence: (Refer to Figure 4).

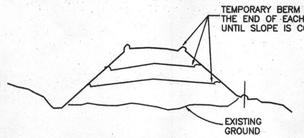
a. Excavate and stabilize all temporary swales, side ditches, or berms that will be used to divert runoff around the fill. Construct Slope Silt Fence on low side of fill as shown in Figure 5, unless other methods shown on the plans address this area.

b. Place phase 1 embankment, dress and stabilize.

c. Place phase 2 embankment, dress and stabilize.

d. Place final phase embankment, dress and stabilize. Overseed previously seeded areas as

Note: Once the placement of fill has begun the operation should be continuous from grubbing through the completion of grading and placement of topsoil (if required) and permanent seed and mulch. Any interruptions in the operation or completing the operation out of the seeding season will necessitate the application to temporary stabilization.



INCREMENT STABILIZATION – FILL

Vegetation – annual grass or grain used to provide cover on disturbed areas for up to 12 months. For longer duration of vegetative cover, Permanent Seeding is required.

i. Select one or more of the species or mixtures listed in Table 26 for the appropriate Plant hardiness Zone (from Figure 5) and enter them in the Temporary Seeding Summary below, along with application rates, seeding dates and seeding depths. If this summary is not put on the plans and completed, then Table 26 must be put on the plans.

ii. For sites having soil test performed, the rates shown on this table shall be deleted and the rates recommended by the testing agency shall be written in. Soil tests are not required for Temporary

Seeding grass and legumes to establish ground cover for a minimum period of one year on disturbed areas

i. Select one or more of the species or mixtures listed in Table 25 for the appropriate Plant Hardiness Zone (from Figure 5) and enter them in the Permanent Seeding Summary below, along with application rates and seeding dates. Seeding depths can be estimated using Table 26. If this Summary is not put on the construction plans and completed, then Table 25 must be put on the plans. Additional planting specifications for exceptional sites such as shorelines, streambanks, or dunes or for special purposes such as wildlife or aesthetic treatment may be found n USDA–SCS Technical Field Office guide, Section 342 – Critical Area Planting. For special lawn maintenance areas, see Sections IV Sod and V Turfgrass.

ii. For sites having disturbed area over 5 acres, the rates shown on this table shall be deleted and the rates recommended by the soil testing agency shall be written in.

iii. For areas receiving low maintenance, apply ureaform fertilizer (46–0–0) at 3 1/2 lbs/1000 sq.ft. (150 ba/ac), in addition to the above soil amendments shown in the table below, to be

Section IV – Sod: To provide quick cover on disturbed areas (2:1 grade or flatter).

A. General Specifications

i. Class of Turfgrass sod shall be Maryland or Virginia State Certified or Approved. Sod labels shall be made available to the job foreman and inspector.

ii. Sod shal be machine cut at a uniform soil thickness of 3/4", plus or minus 1/4", at the time of cutting. Measurement for thickness shall exclude top growth and thatch. Individual pieces of sod shall be cut to the suppliers width and length. Maximum allowable deviation from standard widths and lengths shall be 5 percent. Broken pads and torn or uneven ends will not be acceptable.

iii. Standard size sections of sod shall be strong enough to support their own weight and retain their size and shape when suspended vertically with a firm grasp on the upper 10 percent of the section.

iv. Sod shal not be harvested or transplanted when moisture content (excessively dry or wet) may adversely affect its survival.

v. Sod shall be harvested, delivered, and installed within a period of 36 hours. Sod not transplanted within this period shall be approved by an agronomist or soil scientist prior to its installation.

B. Sod Installation

i. During priods of excessively high temperature or in areas having dry subsoil, the subsoil shall be lightly irigated immediately prior to laying the sod.

ii. The first row of sod shall be laid in a straight line with subsequent rows placed parallel to and tightly welged against each other. Lateral joints shall be staggered to promote more uniform growth and strength. Ensure that sod is not stretched or overlapped and that all joints are butted tight in order to prevent voids which would cause air drying of the roots.

iii. Wherever possible, sod shall be laid with the long edges parallel to the contour and with staggering joints. Sod shall be rolled and tamped, pegged or otherwise secured to prevent slippage on slopes and to ensure solid contact between sod roots and the underlying soil surface.

iv. Sod shall be watered immediately following rolling or tamping until the underside of the new sod pad and soil surface below the sod are thoroughly wet. The operations of laying, tamping and irrigating for any piece of sod shall be completed within eight hours.

C. Sod Maintenance

i. In the absence of adequate rainfall, watering shall be performed daily or as often as necessary during the first week and in sufficient quantities to maintain moist soil to a depth of 4". Watering should be done during the hear of the day to prevent wilting.

ii. After the first week, sod watering is required as necessary to maintain adequate moisture content.

iii. The first mowing of sod should not be attempted until the sod is firmly rooted. No more than 1/3 of the grass leaf shall be removed by the initial cutting or subsequent cuttings. Grass height shall be maintained between 2" and 3" unless otherwise specified.

Section IV – Turfgrass Establishment

Areas where turfgrass may be desired include lawns, parks, playgrounds, and commercial sites which will receive a medium to high level of maintenance. Areas to receive seed shall be tilled by disking or other approved methods to a depth of 2 to 4 inches, leveled and raked to prepare a proper seedbed. Stones and debris over 1 1/2 inches in diameter shall be removed. The resulting seedbed shall be in such condition that future mowing of grasses will pose no difficulty.

Note: Choose certified material. Certified material is the best guarantee of cultivar purity. The certification program of the Maryland Department of Agriculture, Turf and Seed Section, provides a reliable means of consumer protection and assures a pure genetic line.

A. Turfgrass Mixtures

i. Kentucky Bluegrass – Full sun mixture – For use in areas that receive intensive management. Irrigation required in the areas of central Maryland and eastern shore. Recommended Certified Kentucky Bluegrass Cultivars Seeding Rate: 1.5 to 2.0 pounds/1000 square feet. A minimum of three bluegrass cultivars should be chosen ranging from a minimum of 10% to a maximum of 35% of the mixture by weight.

ii. Kentucky Bluegrass/Perennial Rye – Full sun mixture – For use in full sun areas where rapid establishment is necessary and when turf will receive medium to intensive management. Certified Perennil Ryegrass Cultivars/Certified Kentucky bluegrass Seeding rate: 2 pounds mixture/1000 square feet. A minimum of 3 Kentucky Bluegrass Cultivars must be chosen, with each cultivar ranging from 10% to 35% of the mixture by weight.

iii. Tall Fescue/Kentucky Bluegrass – Full sun mixture – For use in drought prone areas and/or for areas receiving low to medium management in full sun to medium shade. Recommended mixture includes; certified Tall Fescue Cultivars 95 – 100%, certified Kentucky Bluegrass Cultivars 0 – 5%. Seeding rate: 5 to 8 lb/1000 sf. One or more cultivars may be blended.

iv. Kentucky Bluegrass/Fine Fescue – Shade Mixture – For use in areas with shade in Bluegrass lawns. For establishment in high quality, intensively managed turf area. Mixture includes; certified Kentucky Bluegrass Cultivars 30–40% and certified Fine Fescue and 60–70%. Seeding rate: 1 1/2 – 3 lbs/1000 square feet. A minimum o 3 Kentucky bluegrass cultivars must be chosen, with each cultivar ranging from a minimum of 10% to a maximum of 35% of the mixture by weight.

Note: Turfgrass varieties should be selected from those listed in the most current University of Maryland Publication, Agronomy Mimeo #77, "Turfgrass Cultivar Recommendations for Maryland".

B. Ideal Times of Seeding

Western MD: March 15– June 1, August 1 – October 1 (Hardiness Zones – 5b, 6a)

Central MD: March 1 – May 15, August 15 – October 15 (hardiness Zone – 6b)

Southern MD, Eastern Shore: March 1 – May 15, August 15 – October 15 (Hardiness Zones – 7a, 7b)

C. Irrigation

If soils moisture is deficient, supply new seedings with adequate water for plant growth (1/2" – 1" every 2 to 4 days depending on soil texture) until they are firmly established. This is especially true when seedings are made late in the planting season, in abnormally dry or hot seasons, or on adverse sites.

D. Repairs and Maintenance

Inspect all seedid areas for failures and make necessary repairs, replacements, and reseedings within the planting season.

i. Once the vegitation is established, the site shall have 95% groundcover to be considered adequately stabilized.

ii. If the stand provides less than 40% ground coverage, reestablish following original lime, fertilizer, seedbed prepiration and seeding recommendations.

iii. If the stand provides between 40% and 94% ground coverage, overseeding and fertilizing using half of the rates originally applied may be necessary.

iv. Maintenance fertilizer rates for permanent seedings are shown in Table 24. For lawns and other medium to high maintenance turfgrass areas, refer to the University of Maryland publication "Lawn Care in Maryland" Bulletin No. 171.

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
Signature Date 2/23/06
USDA, NATURAL RESOURCES CONS. SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved Howard S.C.D. Date 2/23/06

TABLE 24
Maintenance Fertilization for Permanent Seedings
Use Soil Test Recommendation or Rates Shown Below

Seeding Mixture	Formulation	Lbs. per Acre	Lbs. per 1000 sf	Time	Mowing
Tall fescue makes up 70% or more of cover.	20–10–10 or 30–10–10	500 400	11.5 9.2	Yearly, or as needed fall	Not closer than 3" if occasional mowing is desired.
Crownvetch Service lespedeza Birdsfoot trefoil	0–20–0	400	9.2	Spring the year following establishment and every 4–5 years thereafter.	Do not mow crownvetch
Fairly uniform stand of tall fescue and service lespedeza, or birdsfoot trefoil.	5–10–10	500	11.5	Fall the year following establishment and every 4–5 years thereafter.	Not required. not closer than 4" if occasional mowing is desired, and then in fall after seed has matured.
weeping lovegrass & sericea lespedeza fairly uniform plant distribution	5–10–10	500	11.5	Spring the year following establishment and every 3–4 years thereafter.	Not required. not closer than 4" if occasional mowing is desired, and fall after sericea has matured.
Red & chewings fescue, Kentucky bluegrass, hard fescue mixture:	20–10–10 20–10–10	250 100	5.8 2.3	September, 30 days later December, May 20–june–30, if needed.	Mow no closer than 2" for red fescue and Ky bluegrass; and closer than 3" for fescue.

TABLE 25 Permanent Seeding for Low Maintenance Areas

Mix	SEED MIX (USE CERTIFIED MATERIAL IF AVAILABLE	PLANTING RATE LBS/AC	PLANTING RATE LBS/1000 SQ FT	SITE CONDITIONS	USDA HARDINESS ZONES	RECOMMENDED PLANTING DATES 3/15–5/15	5/15–7/15	7/15–8/15	8/15–9/30	9/30–10/15	NOTES
1	TALL FESCUE (75%) CANADA BLUEGRASS (10%) KENTUCKY BLUEGRASS (10%) REDTOP (5%)	150	3.4	MOIST TO DRY	5b		X		X		A
					6a		X		X		
					6b	X				X	
					7a	X				X	
					7b	X				X	
2	KENTUCKY BLUEGRASS (50%) CREEPING RED FESCUE OR A HARD FESCUE (40%) REDTOP (10%)	150	3.4	MOIST TO MODERATELY DRY TO DRY	5b		X		X		B
					6a		X		X		
					6b	X				X	
3	TALL FESCUE (85%) PERENNIAL RYEGRASS (10%) KENTUCKY BLUEGRASS (5%)	125 15 10	2.9 .34 .23	MOIST TO DRY	5b		X		X		C
					6a		X		X		
					6b	X				X	
					7a	X				X	
					7b	X				X	
4	RED FESCUE OR CHEWINGS FESCUE (80%) PERENNIAL RYEGRASS (20%)	60 60 15	.92 .92 .34	MOIST TO DRY	5b		X		X		D
					6a		X		X		
					6b	X				X	
5	TALL FESCUE (85%) OR, PERENNIAL RYEGRASS (50%) PLUS CROWNVETCH OR FLATPEA	110 20 20 20	2.5 .46 .46 .46	MOIST TO DRY	5b		X		X		E
					6a		X		X		
					6b	X				X	
					7a	X				X	
					7b	X				X	
6	WEEPING LOVEGRASS (17%) SERECIA LESPEDEZA (83%)	4 20	.09 .46	DRY TO VERY DRY	6a	X		X			F
					7a	X		X			
					7b	X		X			
7	TALL FESCUE (83%) WEEPING LOVEGRASS (2%) PLUS SERECIA LESPEDEZA (15%)	110 3 20	2.5 .07 .46	DRY TO VERY DRY	5b		X		X	X	G
					6a		X		X	X	
					6b	X		X			
					7a	X		X			
					7b	X		X			
8	REED CANARYGRASS (75%) REDTOP (6%) PLUS BIRDSFOOT TREFOIL 3619%) CREEPING RED FESCUE OR A HARD FESCUE (40%)	40 3 10	.92 .07 .23	WET TO MODERATELY DRY	5b			X		X	H
					6a			X		X	
					6b	X					
					7a	X					
					7b	X					
9	TALL FESCUE (86%) POA TRIVIALIS (7%) BIRDSFOOT TREFOIL (7%)	125 10 10	2.9 .23 .23	WET TO MODERATELY DRY	5b		X		X		I
					6a		X		X		
					6b	X				X	
10	TALL FESCUE (80%) HARD FESCUE (20%)	120 30	3.4 .69	WET TO DRY	5b			X		X	J
					6a		X		X		
					6b	X				X	
					7a	X					
					7b	X					
11	HARD FESCUE (100%)	75	1.7	MOIST TO DRY	5b		X		X		K
					6a		X		X		
					6b	X				X	
					7a	X					

TABLE 26
TEMPORARY SEEDINGS BY RATES, DEPTHS, AND DATES

Species 37/	Seeding Rate Per acre	Seeding Rate Lbs/1000 Sq. ft	Planting depth 36/ (Inches)	Seeding zones 37/ and Seeding Date 38/ 7a and 7b 2/1–4/30	6b 5/1–8/14	6b 8/15–9/30	6a and 5b 5/1–8/14	6a and 5b 8/15–9/30	6a and 5b 10/1–10/31
Choose one:					BY		BY		BY
Barley	2.5 bu.	2.80	1–2	X	–	10/15	X	–	10/1
Oats	3 bu.	2.21	1–2	X	–	–	X	–	–
Rye 39/	2.5 bu.	3.22	1–2	X	–	X	X	–	X
Barley or Rye Plus Foxtail millet 40/	150 lbs.	3.45	1	X X	X X	10/15 X	X X	X X	10/1 X
Weeping lovegrass 41/	4 lbs.	0.09	1/4–1/2	–	X	–	–	X	–
Annual ryegrass	50 lbs	1.15	1/4–1/2	X	–	11/	X	–	11/1	X	–	8/15
Millet 42/	50 lbs	1.15	1/2	–	X	–	–	X	–	–	X	–

36/ Applicable on slopes of 3:1 or flatter
37/ Refer to figure A – Adopted from USDA, ARS Miscellaneous Publication #1475, January 1990
38/ Between fall and spring seeding dates, use mulch only if ground is frozen and reseed when thawed
39/ May be used as a nurse crop for late fall/early winter permanent seedings, add 56 lbs/ac. to the permanent seeding mixture
40/ Maryland State Highway Administration Temporary Seed Mix
41/ May be used as a nurse crop for mid–summer permanent seedings. Add 2 lbs/ac to permanent seed mix.
42/ May be used as a nurse crop for mid–summer permanent seedings. Add 10 lbs/ac.

BEFORE BEGINNING CONSTRUCTION CONTACT MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

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Rockville, Maryland 20850
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Fax: (301) 963-6306
www.jba-inc.net

REV. NO.	DATE	REVISIONS PRIOR TO APPROVAL

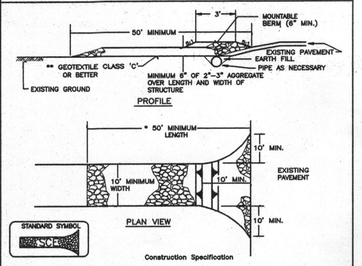
OYEKAN RESIDENCE
LOT 4
SEDIMENT CONTROL PLAN

TAX MAP 40, PARCEL 254, ZONING–RR–DEO
7145 BROOKS ROAD, HIGHLAND, MARYLAND 20777
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

STATE OF MARYLAND
GEOFFREY LIN CINIERO
No. 22538

SCALE:
DATE: 01/24/06
SHEET SCP3 OF SCP3
FILE NO: 05–085

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

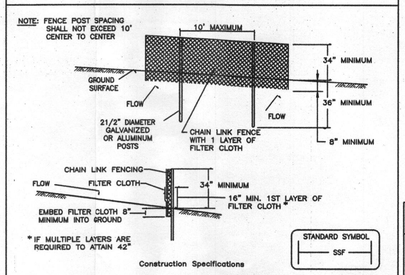


Construction Specification

1. Length – minimum of 50' (*30' for single residence lot).
2. Width – 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.
4. Stone – crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
5. Surface Water – all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
6. Location – A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE F - 19 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL 33 - SUPER SILT FENCE



Construction Specifications

1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6' fence shall be used, substituting 42" fabric and 6' length posts.
2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
4. Filter cloth shall be embedded a minimum of 8" into the ground.
5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
6. Maintenance shall be performed as needed and silt buildups removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height
7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft²/minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATEN SERVICE	PAGE H - 26 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

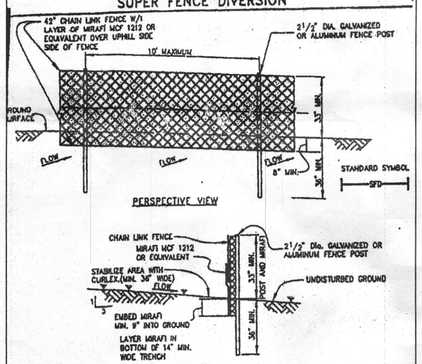
SUPER SILT FENCE

Design Criteria

Slope	Slope Steepness	Slope Length (maximum)	Silt Fence Length (maximum)
0 – 10%	0 – 10:1	Unlimited	Unlimited
10 – 20%	10:1 – 5:1	200 feet	1,500 feet
20 – 33%	5:1 – 3:1	100 feet	1,000 feet
33 – 50%	3:1 – 2:1	100 feet	500 feet
50% +	2:1 +	50 feet	250 feet

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE H - 26 - 3A	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

SUPER FENCE DIVERSION



CONSTRUCTION SPECIFICATIONS

1. FENCING SHALL BE 42" HIGH CHAIN CONSTRUCTED IN ACCORDANCE WITH THE LATEST MARYLAND STATE HIGHWAY ADMINISTRATION STANDARD DETAILS #610.01 AND 610.02 FOR CHAIN LI FENCING. THE SPECIFICATIONS FOR A 6'-0" FENCE SHALL BE USED, SUBSTITUTING 42" FABRIC AND 8' POSTS. POSTS SHALL BE PLACED WITHOUT CONCRETE EMBEDMENT.
2. CHAIN LINK FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. THE LOWER TENSION WIRE, BRACE AND TRUSS RODS, ANCHORS AND POST CAPS ARE NOT REQUIRED EXCEPT ON THE ENDS OF THE FENCE.
3. FILTER CLOTH TO BE FASTENED SECURELY TO CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
4. FILTER CLOTH SHALL BE EMBEDDED A MINIMUM OF 8" INTO THE GROUND.
5. WHEN TWO SECTIONS OF DIVERSION CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
6. MAINTENANCE SHALL BE PERFORMED AS NEEDED.

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
Signature Date 2/23/06
MD. DEPT. NATURAL RESOURCES CONS. SERVICE

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

Approved Howard S.C.D. Date 2/23/06

Howard County Soil Conservation District
STANDARD SEDIMENT CONTROL NOTES

1. A minimum of 48 hours notice must be given to the Howard County Department of Inspection, Licenses and Permits, Sediment Control Division prior to the start of any construction (313-1855).
2. All vegitative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
3. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater then 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5. All disturbed areas must be stabilized within the time period specified above in accordance wih the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for perminent seeding (Sec. 51), and (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates dc not allow for proper germination and establishment of grasses.
6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
7. Site Analysis:

Total Area of Site	5.0	Acres
Area Disturbed	2.52	Acres
Area to be Roofed or Paved	0.21	Acres
Area to be Vegetatively Stabilized	2.31	Acres
Total Cut	5,455	Cu. Yds.
Total Fill	0.0	Cu. Yds.
Offsite waste/borrow area location		

8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
11. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized by the end of each work day, whichever is shorter.

BEFORE BEGINNING CONSTRUCTION CONTACT MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

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REV. NO.	DATE	REVISIONS PRIOR TO APPROVAL

OYEKAN RESIDENCE
LOT 4

SEDIMENT CONTROL PLAN

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REGISTERED PROFESSIONAL ENGINEER

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FILE NO: 05-085