

Building Address: 4097 Buckskin Wood Dr.
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: Buckskin Ridge
 Section: _____ Area: _____ Lot: 16
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: Vacant Lot
 Proposed Use: _____
 Estimated Construction Cost: \$ _____
 Description of Work: _____
 Occupant or Tenant: _____

Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

BUILDING DESCRIPTION - COMMERCIAL	
Building Characteristics	Utilities
Height:	<u>Water Supply</u>
No. of stories:	<input type="checkbox"/> Public
Gross area, sq. ft./floor:	<input type="checkbox"/> Private
	<u>Sewage Disposal</u>
Area of construction (sq. ft.):	<input type="checkbox"/> Public
	<input type="checkbox"/> Private
Use group:	Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<u>Construction type:</u>	<u>Heating System</u>
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas
<input type="checkbox"/> Masonry	<u>Sprinkler System:</u>
<input type="checkbox"/> Wood Frame	<input type="checkbox"/> N/A
<input type="checkbox"/> State Certified Modular	<input type="checkbox"/> Full
<input checked="" type="checkbox"/> <u>Roadside Tree Project Permit</u>	<input type="checkbox"/> Partial
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Other Suppression
<u>Roadside Tree Project Permit #</u>	No. of Heads:

Property Owner's Name: Columbia Builders
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Home Phone: _____ Work Phone: _____
 Applicant's Name & Mailing Address, (If other than stated herein):

 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: _____

BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities
<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	<u>Water Supply</u>
<u>Depth</u> <u>Width</u>	<input type="checkbox"/> Public
1 st floor:	<input type="checkbox"/> Private
2 nd floor:	<u>Sewage Disposal</u>
Basement:	<input type="checkbox"/> Public
<input type="checkbox"/> Finished Basement	<input type="checkbox"/> Private
<input type="checkbox"/> Unfinished Basement	Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Crawl Space	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Slab on Grade	<u>Heating System</u>
No. of Bedrooms: <u>4</u>	<input type="checkbox"/> Electric
<u>Multi-family Dwelling</u>	<input type="checkbox"/> Oil
No. of efficiency units:	<input type="checkbox"/> Natural Gas
No. of 1 BR units:	<input type="checkbox"/> Propane Gas
No. of 2 BR units:	
No. of 3 BR units:	
Other Structure:	
Dimensions:	
Footings:	<input checked="" type="checkbox"/> <u>Roadside Tree Project Permit</u>
Roof:	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> State Certified Modular	<u>Roadside Tree Project Permit #</u>
<input type="checkbox"/> Manufactured Home	

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 HIS 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	<u>3/6/12</u>	<u>[Signature]</u>
Fire Protection		

Is Sediment Control approval required for 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: _____

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

Permits: 410-313-2455
 Inspections: 410-313-1810
 Automated Line: 410-313-3800

Howard County Building/Fire Permit Application
 Department of Inspections, Licenses & Permits
 3430 Court House Drive
 Ellicott City, MD 21043

Permit Number:
 B12000608
 612000057

Building Address: 4297 Buckskin Wood Drive
Ellicott City MD 21042
 Suite/Apt. # N.A. SDP/WP/BA #: G.P. 10.095
 Census Tract: 6051-01 Subdivision: Buckskin Ridge
 Section: N.A. Area: N.A. Lot: 16
 Tax Map: 22 Parcel: 77 Grid: 21
 Zoning: RR-DEO Map Coordinates: 4813-09 Lot Size: 47,472 sq ft

Property Owner's Name: Columbia Builders, Inc.
 Address: P.O. Box 999
 City: Columbia State: MD Zip Code: 21044
 Home Phone: --- Work Phone: 410-730-3939
 Applicant's Name & Mailing Address, (if other than stated herein):
SAME
 Phone: 410-730-3939 Fax: 410-992-3020
 Email: RTash@ColumbiaBuildersInc.com

Existing Use: VACANT Lot
 Proposed Use: New Single Family Home
 Estimated Construction Cost: \$ 200,000.-
 Description of Work: Construct New Single Family Home with 4 Bedrooms, 4 Full Baths, 10 Rooms and a 4 car garage.

Contractor Company: Columbia Builders, Inc.
 Contact Person: Russ Tash
 Address: P.O. Box 999
 City: Columbia State: MD Zip Code: 21044
 License No.: 254
 Phone: 410-730-3939 Fax: 410-992-3020
 Email: RTASH@ColumbiaBuildersInc.com

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

Engineer/Architect Company: D.W. Taylor Assoc., Inc.
 Responsible Design Prof.: Don Taylor
 Address: 5024 Dorsey Hall Drive Suite 203
 City: Ellicott City State: MD Zip Code: 21042
 Phone: 410-964-1181 Fax: 410-997-9224
 Email: info@DWTaylor.com

BUILDING DESCRIPTION - COMMERCIAL	
Building Characteristics	Utilities
Heights:	<u>Water Supply</u>
No. of stories:	<input type="checkbox"/> Public
Gross area, sq. ft./floor:	<input type="checkbox"/> Private
Area of construction (sq. ft.):	<u>Sewage Disposal</u>
Use group:	<input type="checkbox"/> Public
	<input type="checkbox"/> Private
	Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<u>Construction type:</u>	<u>Heating System</u>
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas
<input type="checkbox"/> Masonry	<u>Sprinkler System:</u>
<input type="checkbox"/> Wood Frame	<input type="checkbox"/> N/A
<input type="checkbox"/> State Certified Modular	<input type="checkbox"/> Full
<input checked="" type="checkbox"/> Roadside Tree Project Permit	<input type="checkbox"/> Partial
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Other Suppression
<input checked="" type="checkbox"/> Roadside Tree Project Permit	No. of Heads:

BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities
<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	<u>Water Supply</u>
Depth	<input type="checkbox"/> Public
Width	<input checked="" type="checkbox"/> Private
1 st floor: <u>46' x 63'</u>	<u>Sewage Disposal</u>
2 nd floor: <u>38' x 53'</u>	
Basement: <u>46' x 63'</u>	<input type="checkbox"/> Public
<input checked="" type="checkbox"/> Finished Basement	<input checked="" type="checkbox"/> Private
<input type="checkbox"/> Unfinished Basement	Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Crawl Space	Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Slab on Grade	<u>Heating System</u>
No. of Bedrooms: <u>4</u>	<input type="checkbox"/> Electric
<u>Multi-family Dwelling</u>	<input type="checkbox"/> Oil
No. of efficiency units:	<input checked="" type="checkbox"/> Natural Gas
No. of 1 BR units:	<input type="checkbox"/> Propane Gas
No. of 2 BR units:	
No. of 3 BR units:	
Other Structure:	
Dimensions:	
Footings:	
Roof:	<input checked="" type="checkbox"/> Roadside Tree Project Permit
<input type="checkbox"/> State Certified Modular	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Manufactured Home	<input checked="" type="checkbox"/> Roadside Tree Project Permit

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Applicant's Signature: [Signature]
 Print Name: Russ Tash
 Email Address: RTash@ColumbiaBuildersInc.com
 Title/Company: Agent / Columbia Builders, Inc.

Print Name: Russ Tash
 Date: February 29, 2012

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 FOR OFFICE USE ONLY

check # 4163

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

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:	

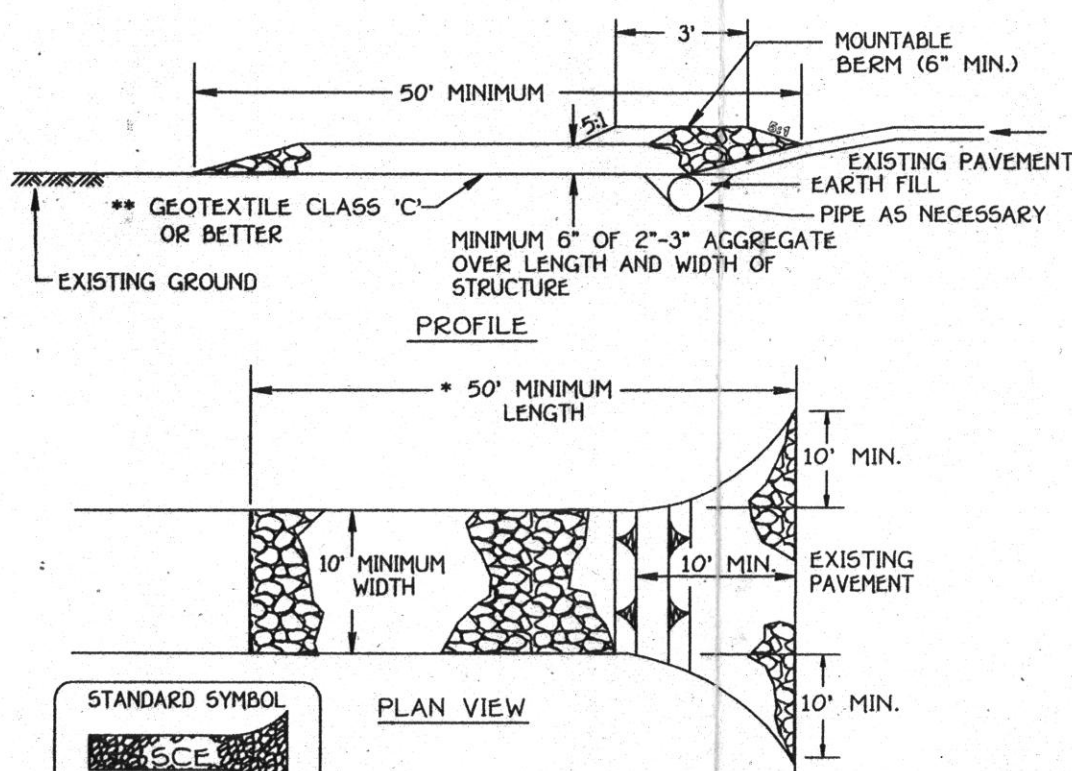
Filing Fee	\$ <u>250.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$

Distribution of Copies: White: Building Officials Green: PSZA, Zoning Yellow: PSZA, Engineering Pink: Health Gold: SHA
 T:\Operations\Updated Forms\New building app 11.10.2010.docx

270297

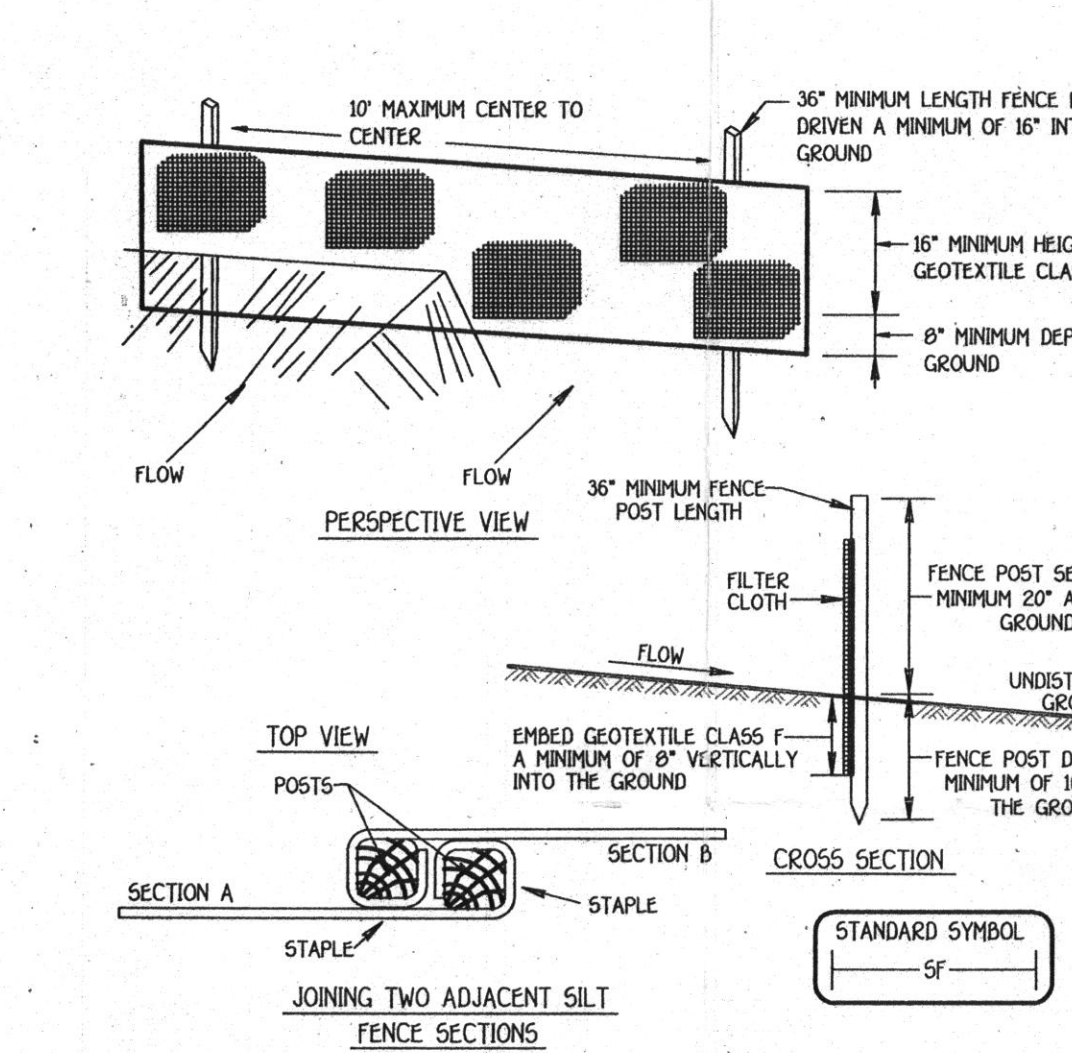
SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (68-2055).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-ESTABLISHMENT, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 30 CALENDAR DAYS FOR ALL PROJECTS. TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS FOR ALL PROJECTS. TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 30 CALENDAR DAYS FOR ALL PROJECTS. TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS FOR ALL PROJECTS.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- STOCK PILE AREA IS NOT PERMITTED ON SITE.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY OR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, THE HOWARD COUNTY HEALTH DEPARTMENT SHALL BE NOTIFIED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS OBTAINED.
- TRACES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, UNLESS OTHERWISE SHOWN.



Construction Specifications

- Length - minimum of 50' (10' for single residence lot).
- Width - 10' minimum, shall be fixed at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing the aggregate. The slope approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate 42" to 37" or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a moundable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe shall 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.
- 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 stabilized construction entrance.



Construction Specifications

- Fence posts shall be a minimum of 36" long driven 10" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum cut) or 1 1/2" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighing not less than 100 pound per linear foot.
- Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Filtering Efficiency	Slope Steepness	Slope Length	Silt Fence Length
75% (min)	flatter than 50:1	unlimited	unlimited
	50:1 to 10:1	125 feet	1000 feet
	10:1 to 5:1	100 feet	750 feet
	5:1 to 3:1	60 feet	500 feet
	3:1 to 2:1	40 feet	250 feet
	2:1 and steeper	20 feet	125 feet

Note: In areas of less than 2% slope and sandy soils (USDA general classification system, soil class A) minimum slope length and silt fence length will be unlimited in these areas a silt fence may be the only perimeter control required.

SEDIMENT CONTROL NOTES

TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:

- TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY SILT LOAM, LOAMY SAND, OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSTRATE AND SHALL CONTAIN LESS THAN 2% BY VOLUME OF ONIONS, STONES, SLAG, CONCRETE FRAGMENTS, GRAVEL, STICKS, ROOTS TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
- TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTBUSH, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
- WHERE THE TOPSOIL IS EITHER HEAVILY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4# TONS/ACRE (200-400 POUNDS PER 1000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.

TEMPORARY SEEDING NOTES

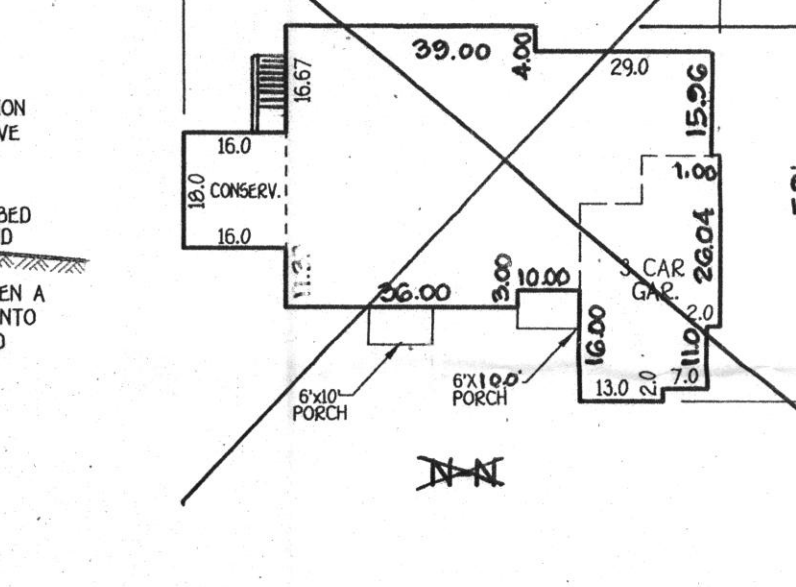
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDEVELOPED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION**
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS**
APPLY 500 LBS. PER ACRE 10-10-10 FERTILIZER @ 1 LB./1000 SQ.FT.
- SEEDING**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ACRE OF ANNUAL RYE @ 125 LBS./ACRE OF WHEEPING LOVEGRASS @ 107 LBS./ACRE. FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOU.
- MULCHING**
APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER.

- PERMANENT SEEDING NOTES**
- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- SEEDING PREPARATION**
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS**
APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE @ 2 LBS./1000 SQ.FT. AND 600 LBS. PER ACRE 0-20-20 FERTILIZER @ 1 LBS./1000 SQ.FT. BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREA/NITROGEN FERTILIZER @ 1 LBS./1000 SQ.FT. AND 500 LBS. PER ACRE @ 15 LBS./1000 SQ.FT. OF 10-20-20 FERTILIZER.
- SEEDING**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE @ 2.3 LBS./ACRE OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE @ 1.4 LBS./ACRE OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE @ 0.05 LBS./ACRE OF WHEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY OPTION (a) - TWO TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (b) - USE SOU OPTION (c) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELLS ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDING.
- MULCHING**
APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER.
- MAINTENANCE**
INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.
- * FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNWEAT AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT. 1 DAY
- INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN. 1 DAY
- CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO FINISH GRADE. 1 DAY
- INSTALL TEMPORARY SEEDING. 1 DAY
- CONSTRUCT BUILDINGS. 2 MONTHS
- FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE. 1 DAY
- REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR. 2 DAYS

SILT FENCE

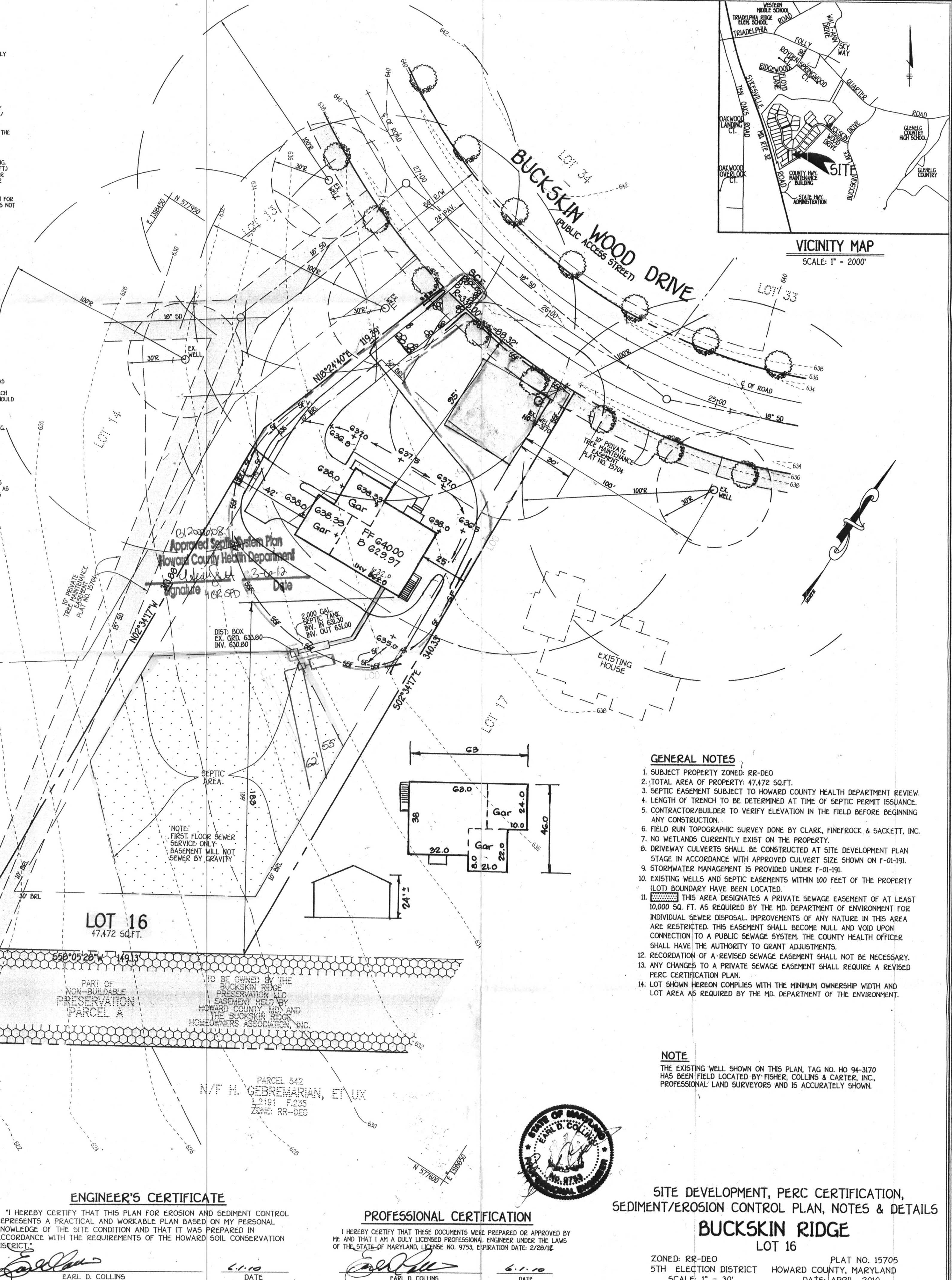


TEMPORARY SEEDING NOTES

- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDEVELOPED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION**
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS**
APPLY 500 LBS. PER ACRE 10-10-10 FERTILIZER @ 1 LB./1000 SQ.FT.
- SEEDING**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ACRE OF ANNUAL RYE @ 125 LBS./ACRE OF WHEEPING LOVEGRASS @ 107 LBS./ACRE. FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOU.
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APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER.

PERMANENT SEEDING NOTES

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- SEEDING PREPARATION**
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS**
APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE @ 2 LBS./1000 SQ.FT. AND 600 LBS. PER ACRE 0-20-20 FERTILIZER @ 1 LBS./1000 SQ.FT. BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREA/NITROGEN FERTILIZER @ 1 LBS./1000 SQ.FT. AND 500 LBS. PER ACRE @ 15 LBS./1000 SQ.FT. OF 10-20-20 FERTILIZER.
- SEEDING**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE @ 2.3 LBS./ACRE OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE @ 1.4 LBS./ACRE OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE @ 0.05 LBS./ACRE OF WHEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY OPTION (a) - TWO TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (b) - USE SOU OPTION (c) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELLS ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDING.
- MULCHING**
APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER. USE 3/4" GALVANIZED OR ENLARGED ASPHALT ON FLAT ACRES ON SLOPES 6 FEET OR HIGHER.
- MAINTENANCE**
INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.
- * FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNWEAT AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



- GENERAL NOTES**
- SUBJECT PROPERTY ZONED RR-DEO
 - TOTAL AREA OF PROPERTY: 47,472 SQ.FT.
 - SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT REVIEW.
 - LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
 - CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION.
 - FIELD RUN TOPOGRAPHIC SURVEY DONE BY CLARK, FINEROCK & SACKETT, INC.
 - NO WETLANDS CURRENTLY EXIST ON THE PROPERTY.
 - DRIVEWAY CULVERTS SHALL BE CONSTRUCTED AT SITE DEVELOPMENT STAGE IN ACCORDANCE WITH APPROVED CULVERT SIZE SHOWN ON F-0191.
 - STORMWATER MANAGEMENT IS PROVIDED UNDER F-0191.
 - EXISTING WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY (LOT) BOUNDARY HAVE BEEN LOCATED.
 - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MD. DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWER DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS.
 - RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 - ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
 - LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MD. DEPARTMENT OF THE ENVIRONMENT.

LEGEND

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - - -	PROPOSED CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
-S/T- S/T-	SILT FENCE & TREE PROTECTION
-S-F-S-F-	SUPER SILT FENCE
---	PROPOSED WALKOUT
---	LIMITS OF DISTURBANCE
○	EXISTING STREET TREES FROM F-0191

I CERTIFY THAT THIS PLAN AND SPECIFICATIONS ARE BASED ON FIELD LOCATIONS AND SUPERVISION AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Terrell A. ... 6/3/10 DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT APPROVED.

Robert Peter Bieleman 6/23/2010 DATE
COUNTY HEALTH OFFICER

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

John R. Blunt 6/13/10 DATE
HOWARD COUNTY CONSERVATION DISTRICT

BUILDER/DEVELOPER

COLUMBIA BUILDERS
P.O. BOX 999
COLUMBIA, MARYLAND 21044
410-730-3940

DEVELOPER'S CERTIFICATE

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

B. Jane Greenfield 6/1/10 DATE
SIGNATURE OF DEVELOPER B. JANE GREENFIELD

ENGINEER'S CERTIFICATE

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

Earl D. Collins 6/1/10 DATE
EARL D. COLLINS

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9753, EXPIRATION DATE: 2/28/12.

Earl D. Collins 6/1/10 DATE
EARL D. COLLINS

SITE DEVELOPMENT, PERC CERTIFICATION, SEDIMENT/EROSION CONTROL PLAN, NOTES & DETAILS

BUCKSKIN RIDGE
LOT 16

ZONED: RR-DEO
5TH ELECTION DISTRICT
SCALE: 1" = 30'

PLAT NO. 15705
HOWARD COUNTY, MARYLAND
DATE: APRIL, 2010

GP 10-093