

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER

B08000946

Building Address 4345 Buckak in Wood Drive
Ellicott City MD 21034
Suite/Apt. #: N.A. SDP/WP/Petition #: GP 08-063
Census Tract 6051.01 Subdivision Buckak in Ridge
Section N.A. Area N.A. Lot 4
Tax Map 22 Parcel 77 Grid 21
RR-1E0 Zoning Map Coordinates 10 A-12 Lot size 44,963 sf.

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 hereon):
Phone _____ Fax 410-992-3020

Existing Use Vacant Lot
Proposed Use Single Family Dwelling
Estimated Construction Cost \$ 200,000.00
Description of Work 2 story Model "J-J" house
4 FB, 1 HB, 9 Rms, 2 car gar. & 3 car gar..
(5 br), fp, partial fin. base.

Contractor Company Columbia Builders, Inc.
Contact Person Dea Sperling
Address Same
City _____ State _____ Zip Code _____
License No. 254
Phone 410-730-3939 Fax 410-992-3020

Occupant or Tenant _____
Contact Name _____
Address _____
City _____ State _____ Zip Code _____
Phone _____ Fax _____

Engineer or Architect Company Fisher, Collins & Carter
Contact Person Joey Ecker
Address 10272 Baltimore Natl. Pike
City Ellicott City State MD Zip Code 21042
Phone 410-461-2855 Fax _____

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

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 Characteristics
SF Dwelling SF Townhouse
Depth _____ Width _____
1st floor: _____
2nd floor: _____
Basement: Partial
Finished Basement Unfinished Basement
Crawl space Slab on Grade
No. of Bedrooms 3
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.

B. James Greenfield
Applicant's Signature
Owner, Pres. Columbia Builders, Inc.
Title/Company

B. James Greenfield
Print Name
4/2/08
Date

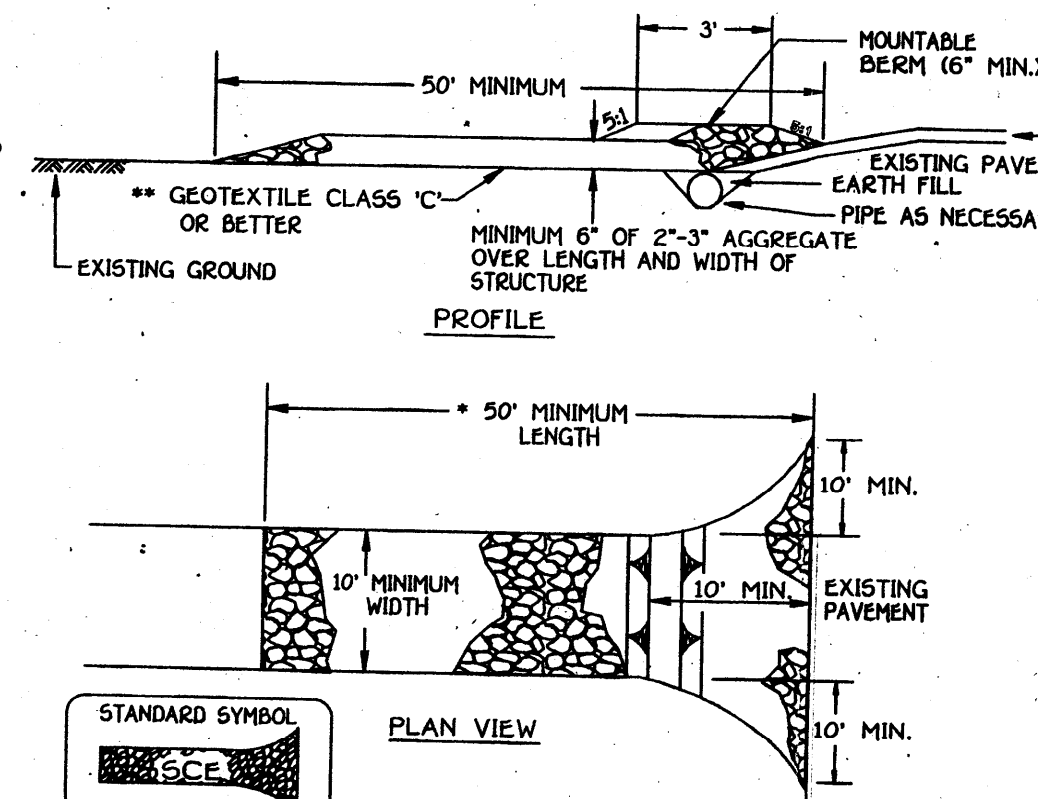
Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
** PLEASE WRITE NEATLY AND LEGIBLY. **
- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development DPZ		
State Highways		
Building Official		
Dev. Engineering DPZ		
Health	<u>4-17-08</u>	<u>[Signature]</u>
Fire Protection		
Is Sediment Control approval required prior to issuance? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>		
ONE STOP SHOP: <input type="checkbox"/>		
Distribution of Copies: White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA		

DPZ SETBACK INFORMATION	PROPERTY ID#
Front: _____	Filing fee \$ <u>1,000.00</u>
Rear: _____	Permit fee \$ _____
Side: _____	Excise tax \$ _____
Side St: _____	Add'l per. fee \$ _____
All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ _____
Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ _____
Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Balance due \$ _____
Lot Coverage for NewTown Zone	Check \$ <u>3,000.00</u>
SDP/Red-line approval date _____	Validation \$ _____
Accepted by <u>[Signature]</u>	

SEDIMENT CONTROL NOTES

NOTICE 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. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THIS PLAN AND ARE TO BE IN ACCORDANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. PERMANENT STABILIZATION SHALL BE COMPLETED WITHIN 30 DAYS OF THE DATE OF THE HOWARD COUNTY DESIGN REVIEW. PERMANENT STABILIZATION SHALL BE COMPLETED WITHIN 30 DAYS OF THE DATE OF THE HOWARD COUNTY DESIGN REVIEW. PERMANENT STABILIZATION SHALL BE COMPLETED WITHIN 30 DAYS OF THE DATE OF THE HOWARD COUNTY DESIGN REVIEW.

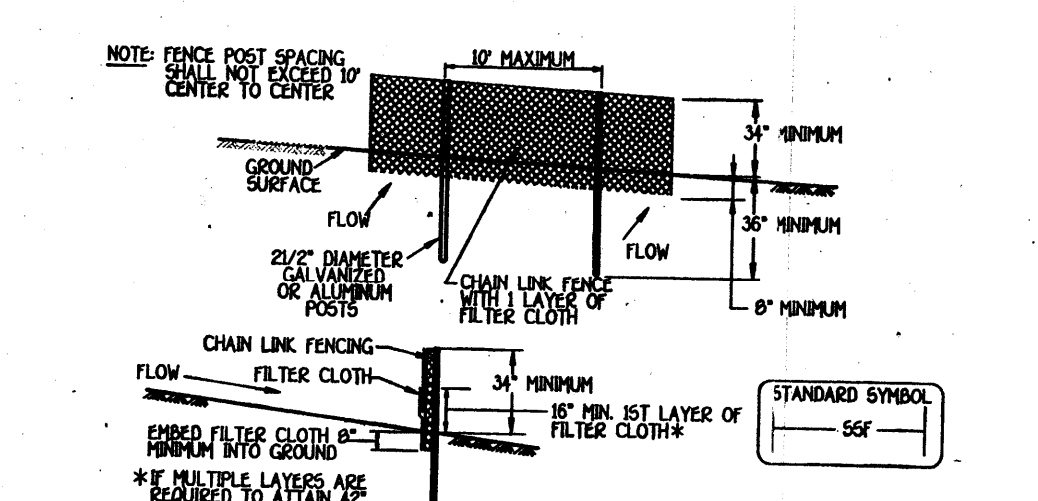


Construction Specification

- Length - minimum of 50' (30' for single residence lot).
- Width - 10' minimum shall be placed at the existing road to provide a turning radius.
- Construction - concrete curb shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- 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.
- 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 minimum berm with 54 slopes and a minimum of 6" of stone over the pipe. Pipe has no drainage to convey a pipe will not be necessary. Pipe shall 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 entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



Construction Specifications

- 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.
- The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
- Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
- Filter cloth shall be embedded a minimum of 8" into the ground.
- When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
- Maintenance shall be performed as needed and silt buildup removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
- 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: MHT 509
Tensile Modulus	20 lbs/in (min)	Test: MHT 509
Flow Rate	0.3 gal/15-min (max)	Test: MHT 322
Filtering Efficiency	75% (min)	Test: MHT 322

Design Criteria

Slope	Slope Steepness	Filter Length (ft)	Silt Fence Length (ft)
0 - 10%	0 - 10%	Unlimited	Unlimited
10 - 20%	10 - 20%	100	100
20 - 30%	20 - 30%	150	150
30 - 50%	30 - 50%	200	200

SUPER SILT FENCE

NOT TO SCALE

Construction Specifications

- Key-to the matting by placing the top edge of the matting in a trench 1/2" deep and 1/2" wide. Secure with 1 row of staples conforming to the channel cross-section. Secure with 1 row of staples about 1/2" down slope from the trench. Spacing between staples is 6".
- Staple the F' over in the channel center using an 80" spacing between staples.
- Before stapling the outer edges of the matting, make sure the matting is smooth and in firm contact with the soil.
- Staples shall be placed 1/2" apart with 4 rows for each edge, 2 on outer row, and 2 alternating rows for the center.
- Where one row of matting ends and another begins, the end of the top edge shall overlap the upper edge of the lower edge by 1" along the entire length of the overlap with a double row of staples placed 1/2" apart in a staggered pattern on either side.
- The discharge end of the matting liner should be securely secured with 2 double rows of staples.

Note: If flow will enter from the edge of the matting then the area affected by the flow must be key-in.

EROSION CONTROL MATTING

NOT TO SCALE

SEQUENCE OF CONSTRUCTION

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

LEGEND

SOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - - -	PROPOSED CONTOUR 2' INTERVAL
.	SPOT ELEVATION
○	EROSION CONTROL MATTING
■	SUPER SILT FENCE
▤	PROPOSED WALKOUT
▥	LIMITS OF DISTURBANCE
○	EXISTING STREET TREES FROM F-01-191

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

APPROVED: *John K. Robertson* 3-24-08
HOWARD SOIL CONSERVATION DISTRICT DATE

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTORED 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.

SOIL AMENDMENTS
APPLY 500 LBS. PER ACRE 10-10-10 FERTILIZER @ 1/2" (1000 SQ. FT.)

SEEDING
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 LB. BUSHES PER ANNUAL, EYE 1.5 LB. ACRES OF WEEPING LOVEGRASS @ 1/2" (1000 SQ. FT.) FOR THE PERIOD NOVEMBER 15 THROUGH FEBRUARY 15, APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OR USE SOO.

MULCHING
APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNLIMITED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF 3/4" (1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE OF 3/4" (1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1996 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

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 DOLOMITE LIMESTONE @ 2 LB./1000 SQ. FT. AND 500 LBS. PER ACRE 0-20-20 FERTILIZER @ 1/2" (1000 SQ. FT.) BEFORE SEEDING HERBACIOUS OR PERENNIALS. APPLY 400 LBS. PER ACRE 30-0-0 LOCATOR FERTILIZER @ 1/2" (1000 SQ. FT.) AND 500 LBS. PER ACRE 0-15-15/1000 SQ. FT. OF 10-20-20 FERTILIZER.

SEEDING
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE 0-15-15/1000 SQ. FT. OF KENTUCKY 31 TALL FESCUE AND 100 LBS. PER ACRE 0-15-15/1000 SQ. FT. OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 15 THROUGH FEBRUARY 15, PRODUCT SITE BY OPTION D - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION D - USE SOO. OPTION D - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEDED.

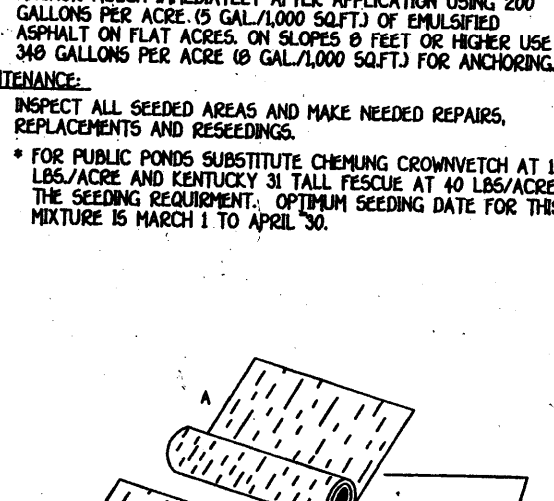
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MANTENANCE
INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

* FOR PUBLIC PONDS SUBSTITUTE CHEERING CROWNWEED AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 15 LBS./ACRE AS THE SEEDING EQUIPMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

EROSION CONTROL MATTING

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Tensile Modulus	20 lbs/in (min)	Test: MHT 509
Flow Rate	0.3 gal/15-min (max)	Test: MHT 322
Filtering Efficiency	75% (min)	Test: MHT 322

Design Criteria

Slope	Slope Steepness	Filter Length (ft)	Silt Fence Length (ft)
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EROSION CONTROL MATTING

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SEQUENCE OF CONSTRUCTION

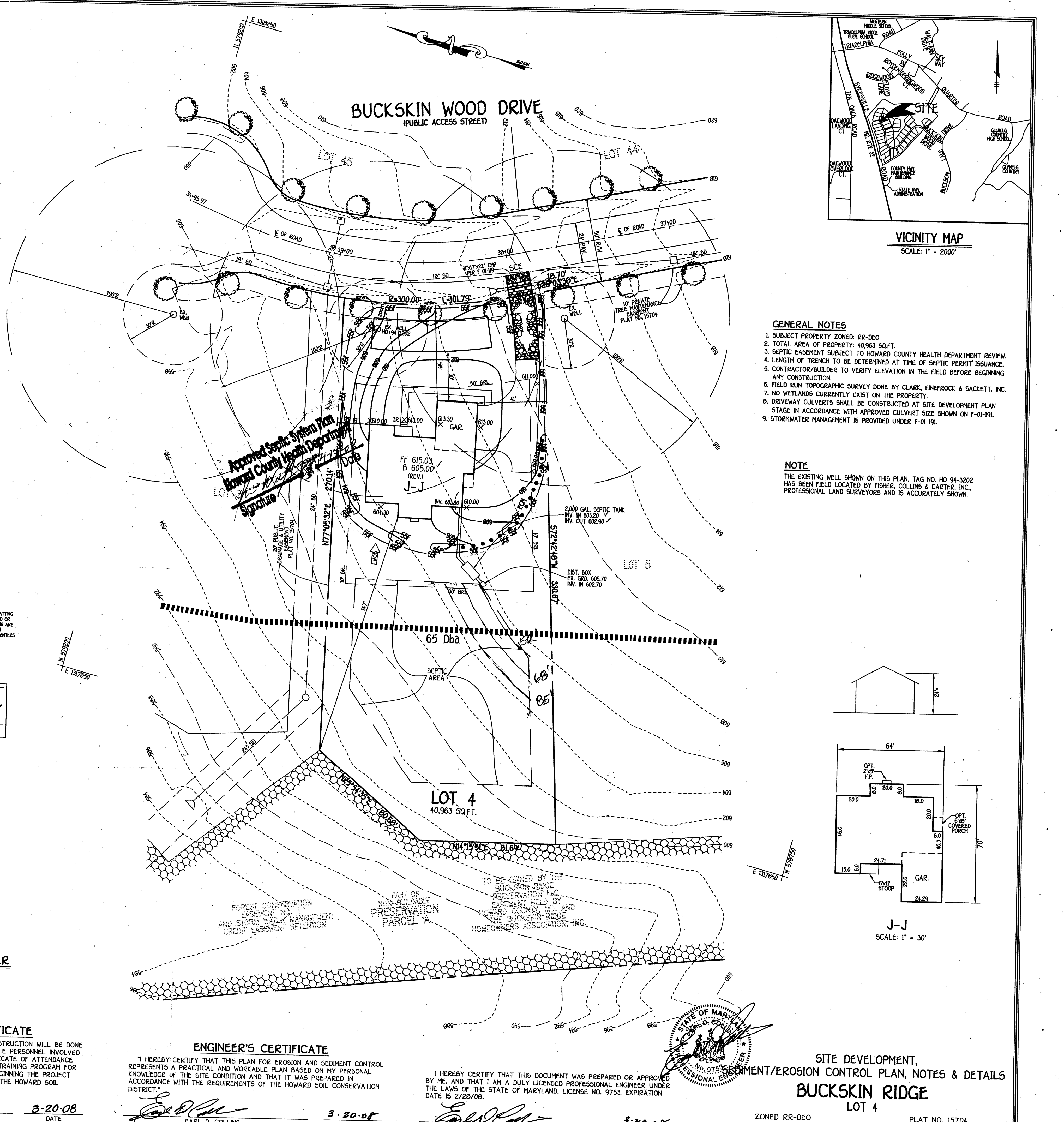
1. OBTAIN GRADING PERMIT.	1 DAY
2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN.	1 DAY
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LEGEND

SOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - - -	PROPOSED CONTOUR 2' INTERVAL
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APPROVED: *John K. Robertson* 3-24-08
HOWARD SOIL CONSERVATION DISTRICT DATE



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 SOIL CONSERVATION DISTRICT."

SIGNATURE OF DEVELOPER: *B. James Greenfield* 3-20-08
DATE

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 SOIL CONSERVATION DISTRICT."

SIGNATURE OF ENGINEER: *Earl D. Collins* 3-20-08
DATE

ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9753, EXPIRATION DATE IS 2/28/08."

SIGNATURE OF ENGINEER: *Earl D. Collins* 3-20-08
DATE

SITE DEVELOPMENT, EROSION CONTROL PLAN, NOTES & DETAILS

BUCKSKIN RIDGE
LOT 4
ZONED RR-DEO
5TH ELECTION DISTRICT
SCALE: 1" = 30'

PLAT NO. 15704
HOWARD COUNTY, MARYLAND
DATE: MARCH, 2008

G.P. 08-063