

HOWARD COUNTY
PERMIT APPLICATION

PERMIT NUMBER

B07000308

TAX ID # 05-369118

Building Address 13491 9 13th

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

Census Tract 605101 Subdivision _____

Section _____ Area _____ Lot _____

Tax Map 28 Parcel 004 Grid 2.0

Zoning RR-4P Map Coordinates _____ Lot size 2.40A

Existing Use Vacant Lot

Proposed Use 277

Estimated Construction Cost \$ _____

Description of Work 3 423

Occupant or Tenant _____

Contact Name James P. Rums Jr

Address 13491

City Ellicott City State MD Zip Code 21035

Phone 410 492 6330 Fax 410 494 6332

Property Owner's Name Rylen Homes Inc

Address _____

City _____ State _____ Zip Code _____

Home Phone _____ Work Phone _____

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

Phone _____ Fax _____

Contractor Company _____

Contact Person _____

Address _____

City _____ State _____ Zip Code _____

License No. _____

Phone _____ 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

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 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.

Applicant's Signature

Print Name

Title/Company

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 4/2/07 Chilly Town

Fire Protection

Is Sediment Control approval required prior to issuance?

YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐

ONE STOP SHOP: ☐

Distribution of Copies-

White: Building Official

Green: LDD, DPZ

Yellow: DED, DPZ

Pink: Health

Gold: SHA

T:\normal\PERMIT.FRM

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 _____

Filing fee \$ 100.00

Permit fee \$ _____

Excise tax \$ _____

Add'l per. fee \$ _____

TOTAL FEES \$ _____

Sub-total paid \$ _____

Balance due \$ _____

Check # 0118

Validation # _____

Accepted by _____

BY THE ENGINEER

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

Alfred L. Howard
SIGNATURE OF ENGINEER

3/29/07
DATE

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THE HOWARD SOIL CONSERVATION DISTRICT'S EROSION AND SEDIMENT CONTROL REQUIREMENTS. I HAVE A CERTIFICATE OF ATTENDANCE FROM THE DISTRICT'S TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE THE CONSTRUCTION OF THIS PROJECT. I HAVE ALSO RECEIVED A NOTIFICATION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS REQUIRED BY LAW.

Alfred L. Howard
SIGNATURE OF DEVELOPER

3/29/07
DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

USDA - NATURAL RESOURCE CONSERVATION SERVICE

DATE

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

DATE

HOWARD SOIL CONSERVATION DISTRICT

STANDARDS AND SPECIFICATIONS FOR TOPSOIL CONSTRUCTION AND MATERIAL SPECIFICATIONS

I. Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experiment Station.

II. Topsoil Specifications - Soil to be used as topsoil must meet the following:

1. Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Furthermore, topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 5% by volume of clods, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1" in diameter.

2. Topsoil must be free of plants or plant parts such as bermuda grass, quack grass, Johnson grass, nutgrass, poison ivy, lilacs, or others as specified.

3. Where the subsoil is either highly acidic or composed of heavy clay, ground limestone shall be spread at the rate of 4-6 tons/acre (200-400 pounds per 1,000 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.

III. For sites having disturbed areas under 5 acres:

1. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.

IV. For sites having disturbed areas over 5 acres:

1. On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:

a) pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.

b) Organic content of topsoil shall be not less than 1.5 percent by weight.

c) Topsoil having soluble salt content greater than 500 parts per million shall not be used.

d) No sod or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 day min) to permit dissipation of phytotoxic materials.

Note: Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.

2. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.

V. Topsoil Application

1. When topsoiling, maintain needed erosion and sediment control practices such as diversions, grade stabilization structures, earth dikes, slope silt fence and sediment traps and basins.

2. Grades on the area to be topsoiled, which have been previously established, shall be maintained, about 4"-6" higher in elevation.

3. Topsoil shall be uniformly distributed in a 4"-6" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil.

4. Preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.

5. Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.

VI. Alternative for Permanent Seeding - Instead of applying the full amount of lime and commercial fertilizer, composted sludge and amendments may be applied as specified.

1. Composted sludge material for use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:

a) Composted sludge shall be supplied by, or originate from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under COMAR 26.06.06.

b) Composted sludge shall contain at least: 1 percent nitrogen, 1.5 percent phosphorus, and 0.5 percent potassium and have a pH of 7.0 to 8.0. If compost does not meet these requirements, the appropriate constituents must be added to meet the requirements prior to use.

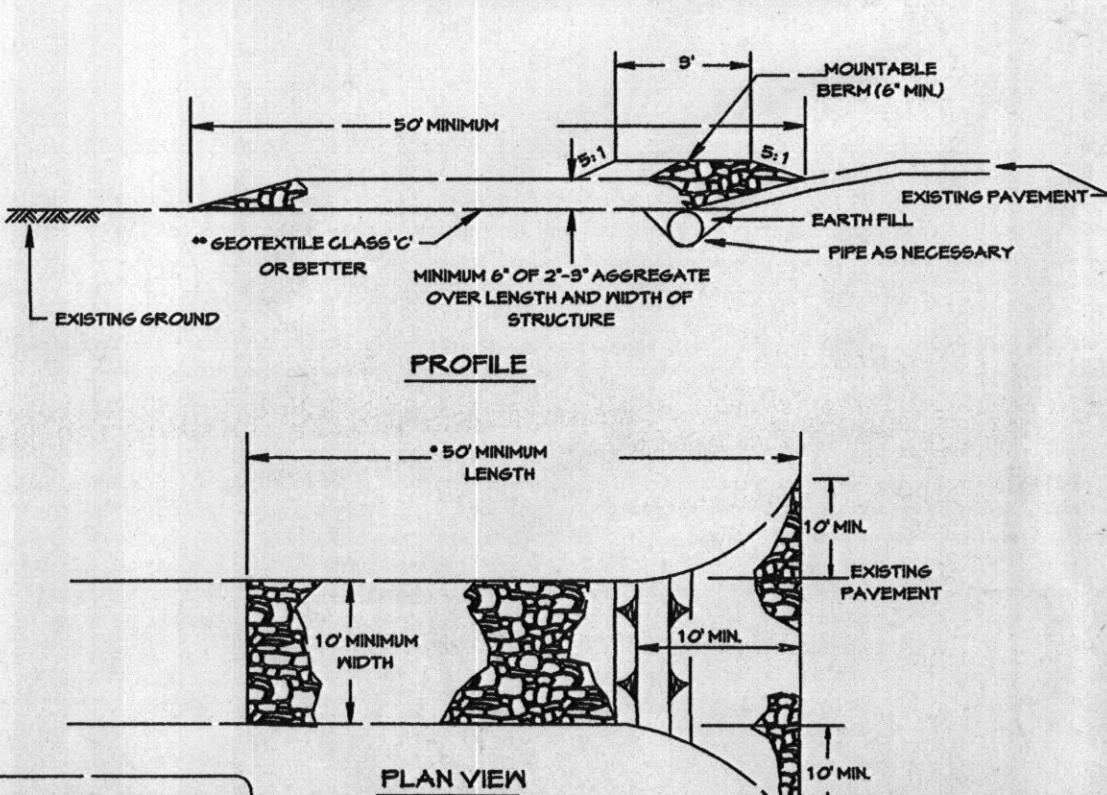
c) Composted sludge shall be applied at a rate of 1 ton/1,000 square feet.

2. Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet, and 1/3 the normal application rate.

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (1 DAY)
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE. BUILD HOUSE (6 MOS.)
4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS. (2 DAYS)

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



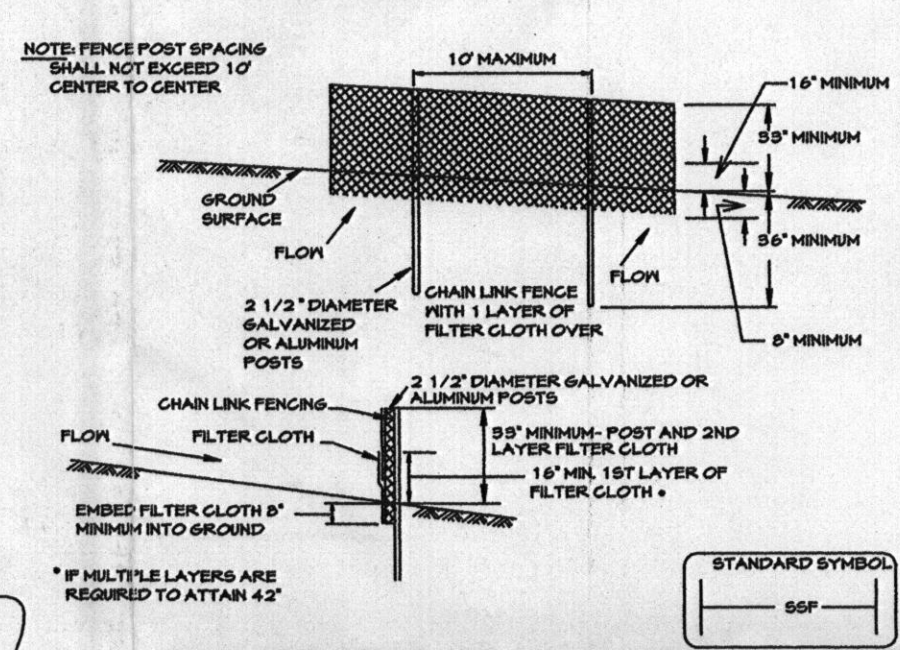
SEPTIC SYSTEM NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT NO. 2. PROPOSED 2000 GALLON IN-SEPTIC TANK FOR (S) BEDROOM.
3. A. FIRST FLOOR ELEVATION: 524.93
4. B. SECOND FLOOR ELEVATION: 524.93
5. C. INVERT AT SEPTIC SYSTEM AT HOUSE: 521.0
6. D. INVERT AT SEPTIC TANK: 520.9
7. E. INVERT OUT AT SEPTIC TANK: 522.3
8. F. PROPOSED GRADE AT SEPTIC TANK: 521.0
9. G. INVERT AT DISTRIBUTION BOX: 514.0
10. H. EXISTING GROUND OVER DISTRIBUTION BOX: 521.0
11. I. EXISTING TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
12. J. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

BUILDER TO VERIFY AVAILABILITY OF BASEMENT SEWER SERVICE PRIOR TO DWELLING TAKEOUT.

1. LENGTH - MINIMUM OF 80' (50' 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" SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE AGE 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 HILL 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.

DETAIL 93 - SUPER SILT FENCE



VICINITY MAP Scale: 1"=2000'

CONSTRUCTION SPECIFICATIONS

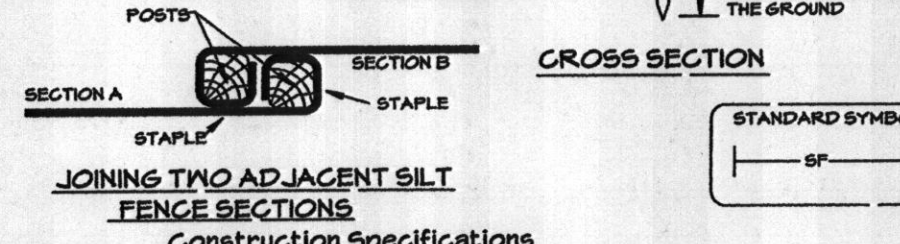
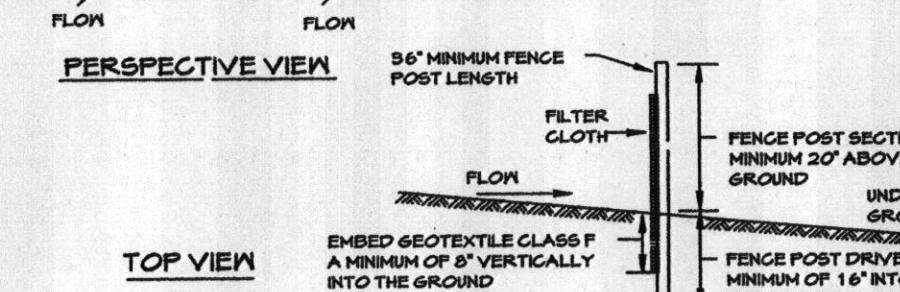
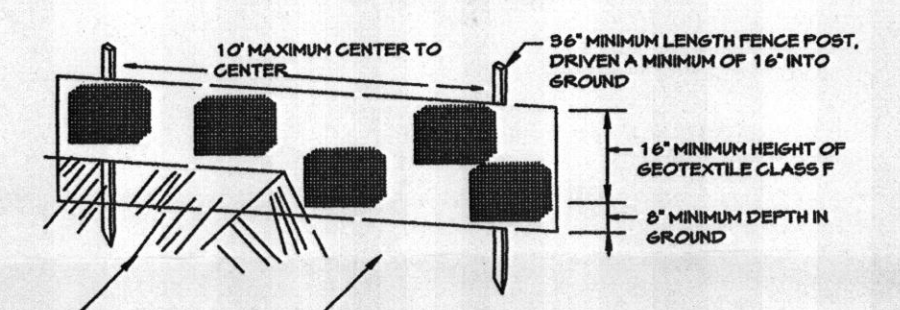
1. FENCING SHALL BE 42" IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST MARYLAND STATE HIGHWAY DETAILS FOR CHAIN LINK FENCING. THE SPECIFICATION FOR A 4" FENCE SHALL BE USED, SUBSTITUTING 42" FENCING AND 4" LENGTH POSTS.
2. THE POLES DO NOT NEED TO BE SET IN CONCRETE.
3. CHAIN LINK FENCE SHALL 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.
4. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT THE TOP AND MID SECTION.
5. FILTER CLOTH SHALL BE ENDED AT A MINIMUM OF 8" INTO THE GROUND.
6. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 8" AND FOLDED.
7. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT BUILDUPS REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE, OR WHEN SILT REACHES 90% OF FENCE HEIGHT.
8. 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.

SLOPE	SLOPE STEEPNESS	SLOPE LENGTH (MAXIMUM)	SILT FENCE LENGTH (MAXIMUM)
0 - 10%	0 - 1:1	UNLIMITED	UNLIMITED
10 - 20%	1:1 - 1.5:1	200 FEET	1,500 FEET
20 - 35%	1.5:1 - 2:1	100 FEET	1,000 FEET
35 - 50%	2:1 - 3:1	100 FEET	500 FEET
50% +	3:1 +	50 FEET	250 FEET

GENERAL NOTES

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
4. ALL HOUSE SITES SHOWN COMPLY WITH THE MINIMUM BUILDING RESTRICTION REGULATIONS.
5. ALL EXISTING TOPO ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON FIELD RUN SURVEY PREPARED BY CLSI AND ALSO HOWARD COUNTY '2004' TOPOGRAPHY MAP. THE HORIZONTAL DATUM IS MARYLAND COORDINATE SYSTEM N.A.D. 1983 AND VERTICAL DATUM IS BASED ON N.A.V.D. 1988.
6. STOCKPILING IS NOT PERMITTED ON THIS SITE.
7. L.O.D. - DENOTES LIMIT OF DISTURBANCE TOTAL AREA= 39,480 S.F.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
9. STORMWATER MANAGEMENT
10. ENVIRONMENTALLY SENSITIVE CREDIT IS PROPOSED TO ADDRESS WATER QUALITY AND RECHARGE VOLUMES. TO MEET THE REQUIREMENTS OF THE CREDIT THE FOLLOWING CRITERIA WAS USED:
 - A) THE PERCENT IMPERVIOUS IS LESS THAN 15%.
 - B) THE LOT LOT SIZE IS GREATER THAN 2 ACRES.
 - C) THE ROOFTOP IS DISCONNECTED IN ACCORDANCE WITH SECTION 5.2 OF THE '2000 MARYLAND STORMWATER DESIGN MANUAL'.
 - D) ALL IMPERVIOUS RUNOFF IS PROPOSED TO BE CONVEYED THROUGH DRY SMALES.
 - E) DRIVEWAYS(S) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - A) WIDTH- 12 FEET (14 FEET SERVING MORE THAN ONE RESIDENCE)
 - B) SURFACE- 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING
 - C) GEOMETRY- NO MINIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.
 - D) STRUCTURES- (CULVERT/BRIDGES)- CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).
 - E) DRAINAGE ELEMENTS- CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
 - F) STRUCTURE CLEARANCES- MINIMUM 12 FEET.
 - G) MAINTENANCE- SUFFICIENT TO INSURE ALL WEATHER USE.

DETAIL 22 - SILT FENCE



1. FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DRIVEN 16" MINIMUM INTO THE GROUND. WOOD POSTS SHALL BE 18" X 18" SQUARE (MINIMUM) CUT, OR 18" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 1.00 POUND PER LINEAR FOOT.
2. 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.

TENSILE STRENGTH	50 LBS./IN. (MIN)	TEST: HMT 504
TENSILE MODULUS	20 LBS./IN. (MIN)	TEST: HMT 504
FLAT RATE	0.3 GAL. FT ² MINUTE (MAX)	TEST: HMT 522
FILTERING EFFICIENCY	75% (MIN)	TEST: HMT 522

3. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.
4. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHED 90% OF THE FABRIC HEIGHT.

Silt Fence Design Criteria

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 5:1	unlimited	unlimited
5:1 to 10:1	125 feet	1,000 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 3% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE LENGTH WILL BE UNLIMITED. IN THESE AREAS A SILT FENCE MAY BE THE ONLY PERMITTER CONTROL REQUIRED.

HOWARD SOIL CONSERVATION DISTRICT PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

PREFERRED: APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (12 LBS./1,000 SQ. FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1,000 SQ. FT.) BEFORE SEEDING. HARBOR OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 50-0-0 UREA-NORM FERTILIZER (1 LBS./1,000 SQ. FT.)

2) ACCEPTABLE: APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (12 LBS./1,000 SQ. FT.) AND 1,000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1,000 SQ. FT.) BEFORE SEEDING. HARBOR OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 60 LBS. PER ACRE (14 LBS./1,000 SQ. FT.) OF KENTUCKY 311 TALL FESCUE FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS. KENTUCKY 311 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (0.5 LBS./1,000 SQ. FT.) OF NEEPER LOVERLASS DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28. PROTECT SITE BY: OPTION (1) 1.5 TONS PER ACRE OF WELL-ANCHORED STRAIN MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE 500 OZ. (14 LBS.) OF SEED WITH 60 LBS./ACRE KENTUCKY 311 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL-ANCHORED STRAIN.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (10 TO 10 LBS./1,000 SQ. FT.) OF UNROTTED HEDD FIELD SMALL GRASS STRAIN IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING A MULCH ANCHORING TOOL OR 2 1/2 GALLONS PER ACRE (5 GAL./1,000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS OR SLOPES OF 5 FEET OR HIGHER, USE 5/8 GALLONS PER ACRE (5 GAL./1,000 SQ. FT.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1,000 SQ. FT.)

SEEDING: FOR PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 15 THROUGH OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE 3:1 LBS./1,000 SQ. FT. FOR THE PERIOD OF MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS. PER ACRE OF NEEPER LOVERLASS (0.7 LBS./1,000 SQ. FT.) FOR THE PERIOD OF NOVEMBER 15 THROUGH NOVEMBER 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL-ANCHORED STRAIN MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500 OZ. (14 LBS.) OF SEED WITH 60 LBS./ACRE KENTUCKY 311 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL-ANCHORED STRAIN.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (10 TO 10 LBS./1,000 SQ. FT.) OF UNROTTED HEDD FIELD SMALL GRASS STRAIN IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING A MULCH ANCHORING TOOL OR 2 1/2 GALLONS PER ACRE (5 GAL./1,000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS OR SLOPES OF 5 FEET OR HIGHER, USE 5/8 GALLONS PER ACRE (5 GAL./1,000 SQ. FT.) FOR ANCHORING.

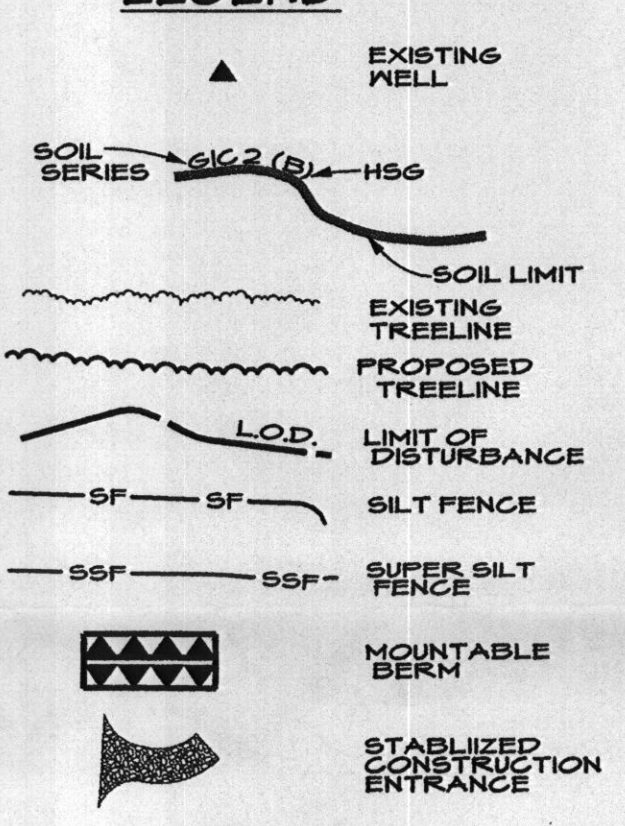
REFER TO THE 1483 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.

HOUSE GRADING & SEPTIC DESIGN LAYOUT

SCALE: 1"=50'

NOTE: "THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER EX. HO-94-3980) HAS BEEN FIELD LOCATED BY CARROLL LAND SERVICES INC. PROFESSIONAL LAND SURVEYOR(S) AND ITS ACCURATELY SHOWN."

LEGEND



HOUSE DETAIL

SCALE: 1"=30'

SHEET INDEX

1. PLOT PLAN
2. STORMWATER MANAGEMENT PLAN
3. STORMWATER MANAGEMENT DRAINAGE AREA MAPS

BUILDING PERMIT #B07000308

PLOT PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT #13551 TRIADELPHIA MILL ROAD

5TH ELECTION DISTRICT * HOWARD COUNTY, MARYLAND

TAX MAP: 28 PARCEL: 64

LIBER 4870 FOLIO 159

SHEET 1 OF 3

PERCOLATION CERTIFICATION PLAT NO. PC 520329			
DATE	REVISIONS	DATE	REVISIONS
12/4/06	RESITE NEW HOUSE AND GRADES		JEP
8/11/07	COUNTY PLANNING & ZONING/ HEALTH DEPT. COMMENTS		JEP

Engineers • Surveyors • Landscape Architects

CLSI

Land Development & Environmental Consultants

www.clsi-civileng.com

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Professional Engineer Registration No. 23-446

Date: MAY, 2006

Drawing No. 2004156

County File No.

County File No. F- -