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|---|---|--|
| DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS<br>3430 COURT HOUSE DRIVE<br>ELLICOTT CITY, MD 21043<br>PERMITS (410) 313-2455 INSPECTIONS (410) 313-1810<br>AUTOMATED INFORMATION (410) 313-3800  | <h2 style="margin: 0;">HOWARD COUNTY<br/>PERMIT APPLICATION</h2>  | PERMIT NUMBER<br><span style="font-size: 2em; font-family: cursive;">B/10000288</span> |
| Building Address <u>14314 Musgrove Farm Ct</u><br><u>Glenwood, MD 21738</u>   | Property Owner's Name <u>Ryan Homes</u><br>Address <u>6031 University Blvd, Suite 250</u>   |  |
| Suite/Apt. #: _____ SDP/WP/Petition #: _____<br>Census Tract <u>605601</u> Subdivision <u>Musgrove Farm (MF)</u><br>Section _____ Area _____ Lot <u>4</u><br>Tax Map <u>21</u> Parcel _____ Grid <u>21-12</u>   | City <u>Ellicott City</u> State <u>MD</u> Zip Code <u>21043</u><br>Phone <u>410.796.0980</u> Phone _____<br>Applicant's Name & Mailing Address, (if other than stated heron):<br>_____<br>Phone _____ Fax _____   |  |
| Existing Use <u>Vacant Lot</u><br>Proposed Use <u>New - Single Family Home</u><br>Estimated Construction Cost <u>\$250,000</u><br>Description of Work <u>Model Avalon w/4' Ex,MR,SR,SS,Lux Bath</u><br><u>2 Story, Full Bsmt, 12R, 2FB, 1HB, FP</u><br><u>Side Solarium &amp; 3-Car Garage (4-BR)</u> | Contractor Company <u>Ryan Homes</u><br>Contact Person <u>Kevin Bowser</u><br>Address <u>6031 University Blvd, Suite 250</u><br>City <u>Ellicott City</u> State <u>MD</u> Zip Code <u>21043</u><br>License No. <u>56</u><br>Phone <u>410.796.0980</u> Fax <u>410.796.7094</u> |  |
| Occupant or Tenant <u>Ryan Homes</u><br>Contact Name <u>Kevin Bowser</u><br>Address <u>6031 University Blvd, Suite 250</u><br>City <u>Ellicott City</u> State <u>MD</u> Zip Code <u>21043</u><br>Phone <u>410.796.0980</u> Fax <u>410.796.7094</u>  | Engineer or Architect Company <u>Gutschick Little &amp; Weber</u><br>Contact Person _____<br>Address <u>3909 National Drive, Suite 250</u><br>City <u>Burtonsville</u> State <u>MD</u> Zip Code <u>20866</u><br>Phone <u>301.421.4024</u> Fax <u>301.421.4186</u>             |  |

| <h3 style="text-align: center; margin: 0;">BUILDING DESCRIPTION - <u>COMMERICAL</u></h3>   | <h3 style="text-align: center; margin: 0;">BUILDING DESCRIPTION - <u>RESIDENTIAL</u></h3>   |           |  |   |   |                          |                        |  |    |           |       |                        |  |    |                        |    |    |           |    |    |  |
|--|---|-----------|--|---|---|--------------------------|------------------------|--|----|-----------|-------|------------------------|--|----|------------------------|----|----|-----------|----|----|--|
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| Basement:  | 48  | 54        |  |   |   |                          |                        |  |    |           |       |                        |  |    |                        |    |    |           |    |    |  |

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.M. \_\_\_\_\_ **Applicant's Signature**  
 \_\_\_\_\_ **Ben Mucci**  
 \_\_\_\_\_ **Print Name**

\_\_\_\_\_ **Project Manager**  
 \_\_\_\_\_ **01/11/2010**  
 \_\_\_\_\_ **Date**

Checks payable: **DIRECTOR OF FINANCE OF HOWARD COUNTY**  
 \*\* PLEASE WRITE NEATLY AND LEGIBLY. \*\*

| AGENCY  | DATE                     | SIGNATURE          | DPZ SETBACK INFORMATION   | PROPERTY ID#                   |           |
|---|--------------------------|--------------------|---|--------------------------------|-----------|
| APPROVAL  |                          |                    | Front: _____  | Filing Fee \$ <u>100.00</u>    |           |
| Land Development, DPZ   |                          |                    | Rear: _____   | Permit Fee \$ _____            |           |
| State Highways  |                          |                    | Side: _____   | Excise tax \$ _____            |           |
| Building Official   |                          |                    | Side St: _____  | Add'l per. fee \$ <u>50.00</u> |           |
| Dev. Engineering, DRZ   |                          |                    | All minimum setbacks met?   | TOTAL FEES \$ _____            |           |
| Health  | <u>2/16/10</u>           | <u>[Signature]</u> | YES <input type="checkbox"/> NO <input type="checkbox"/>                    | Sub-total paid \$ _____        |           |
| Fire Protection   |                          |                    | Is Entrance Permit required?  | Balance due \$ _____           |           |
| Is Sediment Control Approval required prior to issuance?            |                          |                    | YES <input type="checkbox"/> NO <input type="checkbox"/>                    | Check # <u>543979/5</u>        |           |
| YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |                          |                    | Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/> | Validation # _____             |           |
| CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>            |                          |                    | Lot coverage for New Town Zone _____  | Accepted by _____              |           |
| ONE STOP SHOP: <input type="checkbox"/>                             |                          |                    | SDP/Red-line approval date _____  |                                |           |
| Distribution of Copies -  | White: Building Official | Green: LDD, DPZ    | Yellow: DED, DPZ  | Pink: Health                   | Gold: SHA |

**SEDIMENT CONTROL NOTES**

- 1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (410) 313-1855.
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DITCHES AND FENCE LINE SLOPES AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. ALL SEDIMENT TRAPS/BASINS SHOW 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 WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS, SO, TEMPORARY SEEDINGS AND MULCHING (SEC. G). TEMPORARY STABILIZATION, WITH MULCH ALONE, CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO 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 PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

Table with 2 columns: Description and Value. Includes: TOTAL AREA OF SITE (LOT 4) 0.764 ACRES, AREA DISTURBED 0.464 ACRES, AREA TO BE ROOFED OR PAVED 0.122 ACRES, AREA TO BE VEGETATIVELY STABILIZED 0.342 ACRES, TOTAL CUT 3434 CU. YDS., TOTAL FILL 3434 CU. YDS., OFF-SITE WASTE/BORROW AREA LOCATION NONE.

- 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 INSPECTION AGENCY IS MADE.
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 PERMITS FOR 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 3 PIPE LENGTHS OR THAT WHICH SHALL BE BACKFILLED AND STABILIZED WITHIN 1 WORKING DAY, WHICHEVER IS SHORTER.

**PERMANENT SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

- SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES
1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FEET) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREA-FORM FERTILIZER (9 LBS/1000 SQ FT).
2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE OF 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.5 LBS/1000 SQ FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTATED, WEED-FREE, SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED 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, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT).
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.7 LBS/1000 SQ FT) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTATED, WEED-FREE, SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

**PROFESSIONAL CERTIFICATION**

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975, EXPIRATION DATE: MAY 26, 2010.



**ENGINEER'S CERTIFICATE**

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.

**SEQUENCE OF CONSTRUCTION FOR HOUSE CONSTRUCTION ON LOT 4**

- 1. APPLY FOR A GRADING PERMIT AND A BUILDING PERMIT.
2. IF THE HOUSE CONSTRUCTION AND ASSOCIATED GRADING WORK ON THIS LOT OCCURS WHILE THE F-05-070 ROAD CONSTRUCTION WORK IS STILL ACTIVE, COORDINATE THE HOUSE CONSTRUCTION/GRADING WORK WITH THE F-05-070 SEDIMENT CONTROL MEASURES. OTHERWISE, INSTALL THE SILT FENCE (-SF-), SUPER SILT FENCE (-SSF-) AND THE STABILIZED CONSTRUCTION ENTRANCE (SCE) FOR THIS LOT AS SHOWN.
3. CONSTRUCT THIS HOME SITE.
4. STABILIZE ALL REMAINING DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES OR WITH MARYLAND CERTIFIED SOO.
5. OBTAIN PERMISSION FROM THE INSPECTOR TO REMOVE ANY SEDIMENT CONTROL FEATURES THAT ARE NO LONGER NEEDED.

**NOTES:**

- 1. THE LOT SHOWN IS 33,128 S.F. AND IT IS RECORDED UNDER PLAT No. 19125 AMONG THE LAND RECORDED OF HOWARD COUNTY, MARYLAND.
2. EXISTING TOPOGRAPHY IS FROM F-05-070. CALL G.L.W. IF FIELD CONDITIONS ARE SUBSTANTIALLY DIFFERENT.
3. THIS LOT IS SERVED BY A PRIVATE WELL AND BY A COMMUNITY SEPTIC SYSTEM PER SDP-04-136 AND F-05-070.
4. ALL WELLS WITHIN 100 FEET OF THE PROPERTY LINE HAVE BEEN LOCATED BY A G.L.W. SURVEY AND ACCURATELY SHOWN ON THIS PLAN.
5. STORM WATER MANAGEMENT IS PROVIDED BY THE POND CONSTRUCTED UNDER F-05-070.
6. THE EXISTING WELLS SHOWN ON PLAN (IDENTIFIED WITH THE WELL TAG NUMBER HO-95-0020 FOR LOT 4) HAS BEEN FIELD LOCATED BY G.L.W. (PROFESSIONAL LAND SURVEYORS) AND IS ACCURATELY SHOWN ON THIS PLAN.

- 7. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO 3 PIPE LENGTHS OR THAT WHICH SHALL BE BACKFILLED AND STABILIZED WITHIN 1 WORKING DAY, WHICHEVER IS SHORTER.

**PERMANENT SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

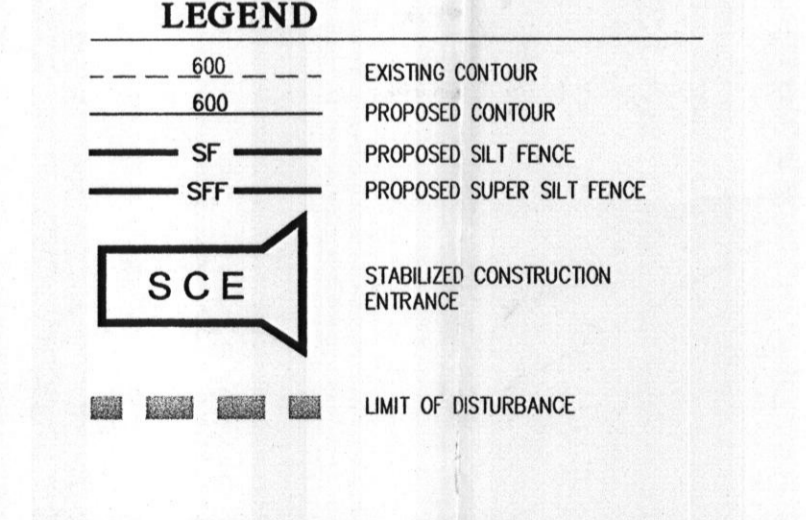
- SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES
1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FEET) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREA-FORM FERTILIZER (9 LBS/1000 SQ FT).
2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE OF 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.5 LBS/1000 SQ FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTATED, WEED-FREE, SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

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

**LEGEND**



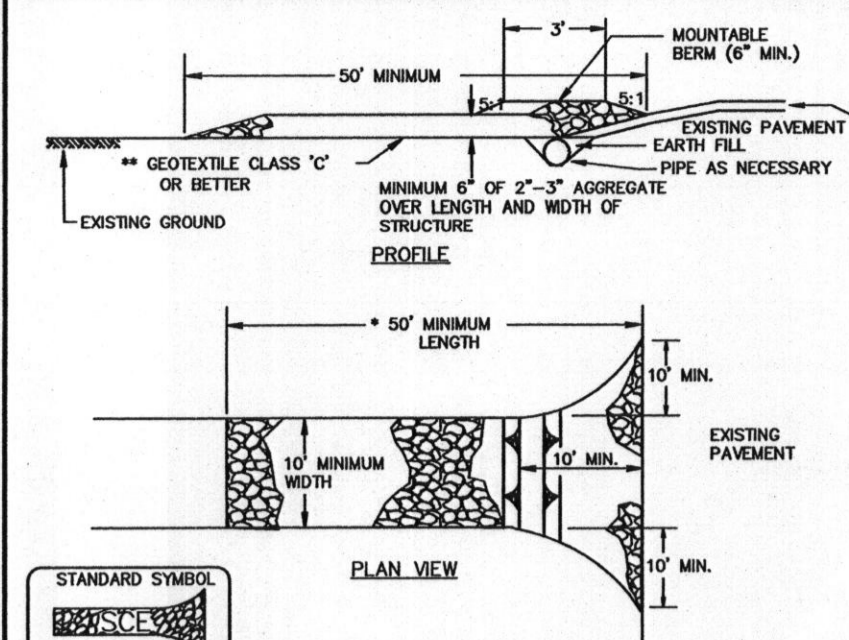
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Signature: John B. Johnston, DATE: 1/29/10

**DEVELOPER'S/BUILDER'S CERTIFICATE**

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR 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 MARYLAND 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 HSCD.

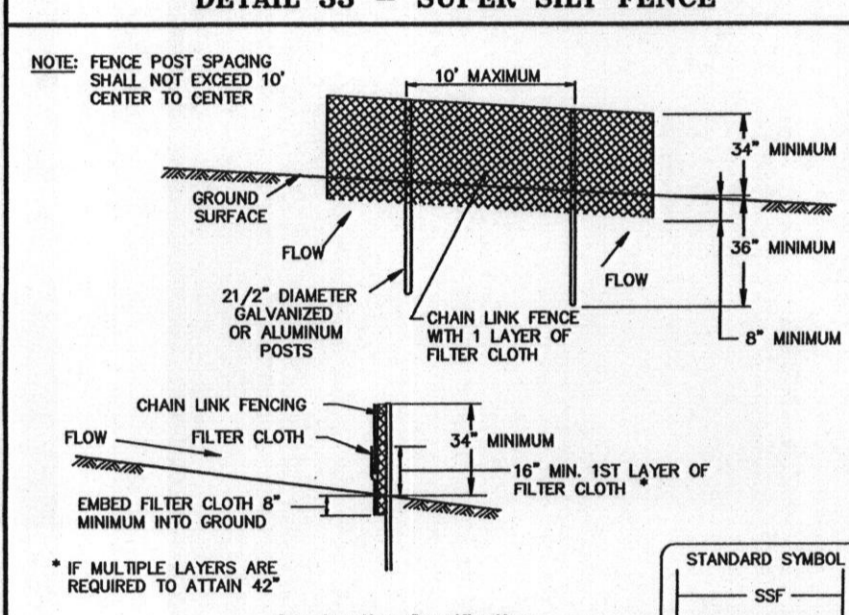
Signature: BM, DATE: 12/30/09

**DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE**



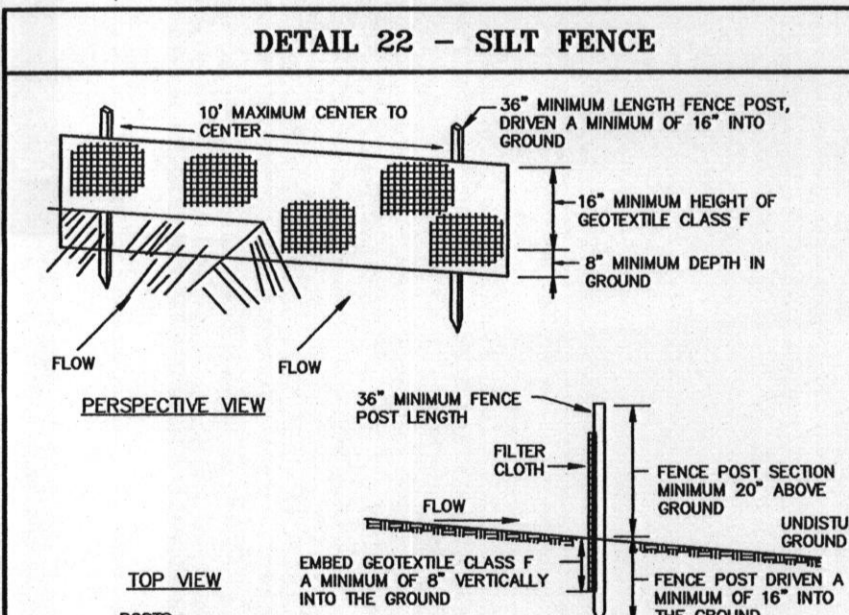
- 1. Length - minimum of 50' (\*30' for single residence lot).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. \*The plan approval authority may not require 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.

**DETAIL 33 - SUPER SILT FENCE**

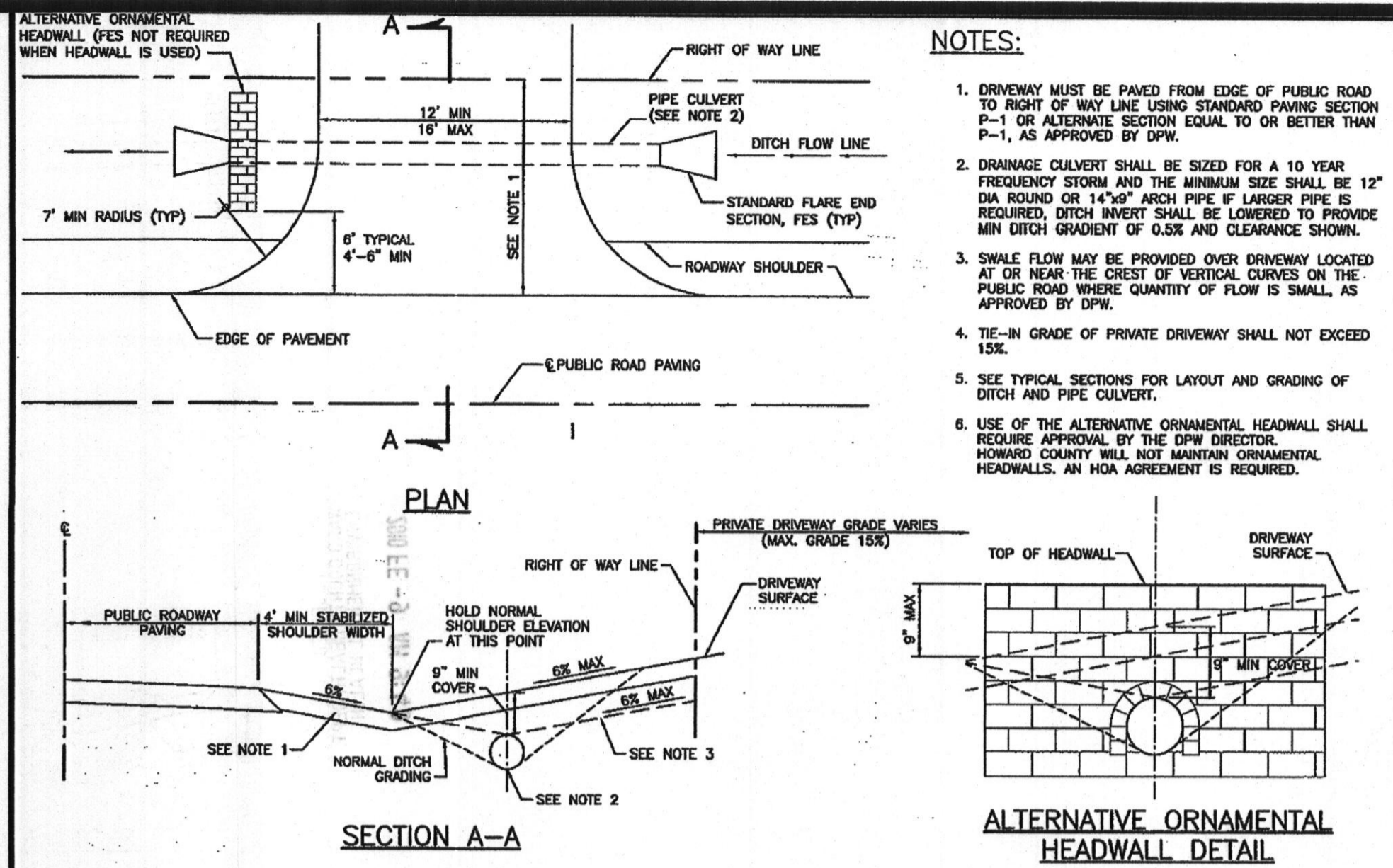


- 1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6" fence shall be used, substituting 42" fabric and 6" length posts.
2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brice and brass 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 6" into the ground.
5. When two sections of filter cloth abut each other, they shall be overlapped by 6" and folded.
6. Maintenance shall be performed as needed and silt bulldges removed when "bulldges" 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/ft (min.) Test: MSMT 509
Tensile Modulus 20 lbs/ft (min.) Test: MSMT 509
Flow Rate 0.3 gal/ft / minute (max.) Test: MSMT 322
Filtering Efficiency 75% (min.) Test: MSMT 322

**DETAIL 22 - SILT FENCE**



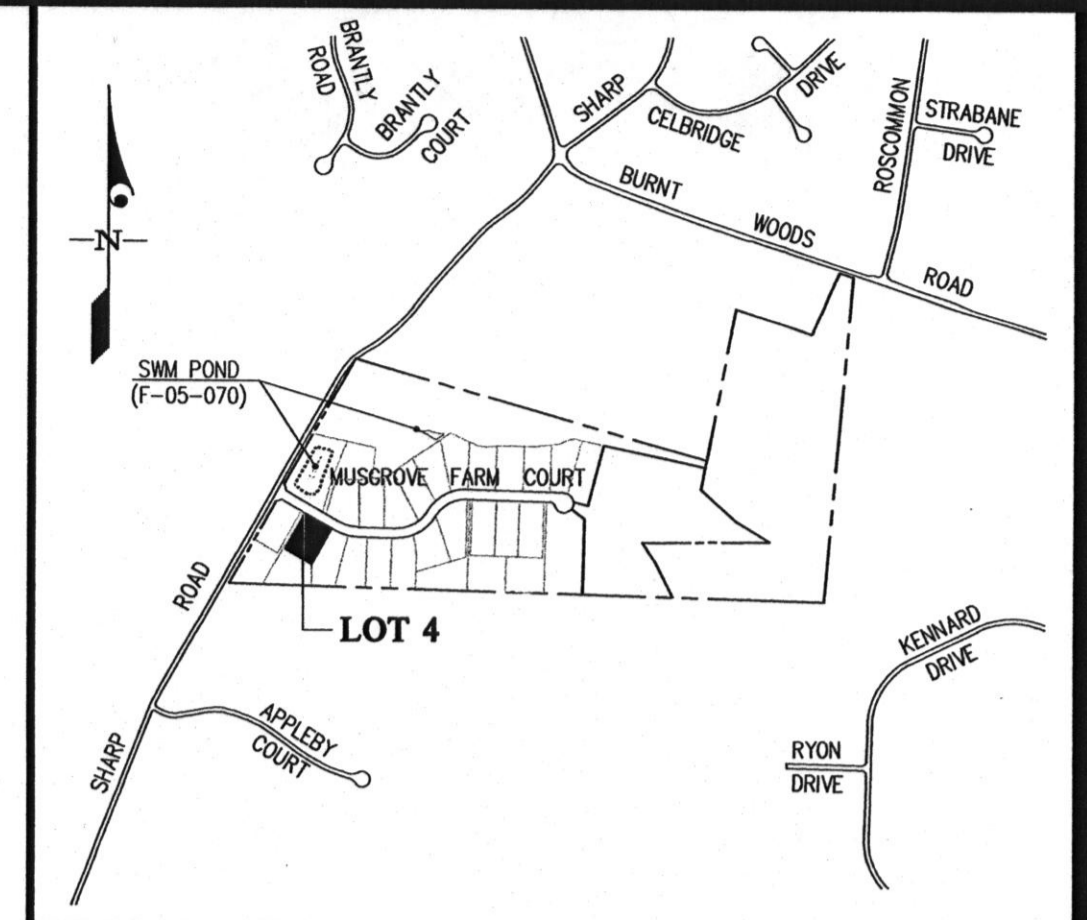
- 1. Fence posts shall be a minimum of 30" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 100 pound per linear 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/ft (min.) Test: MSMT 509
Tensile Modulus 20 lbs/ft (min.) Test: MSMT 509
Flow Rate 0.3 gal/ft / minute (max.) Test: MSMT 322
Filtering Efficiency 75% (min.) Test: MSMT 322
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 buldges occur or when sediment accumulation reached 50% of the fabric height.



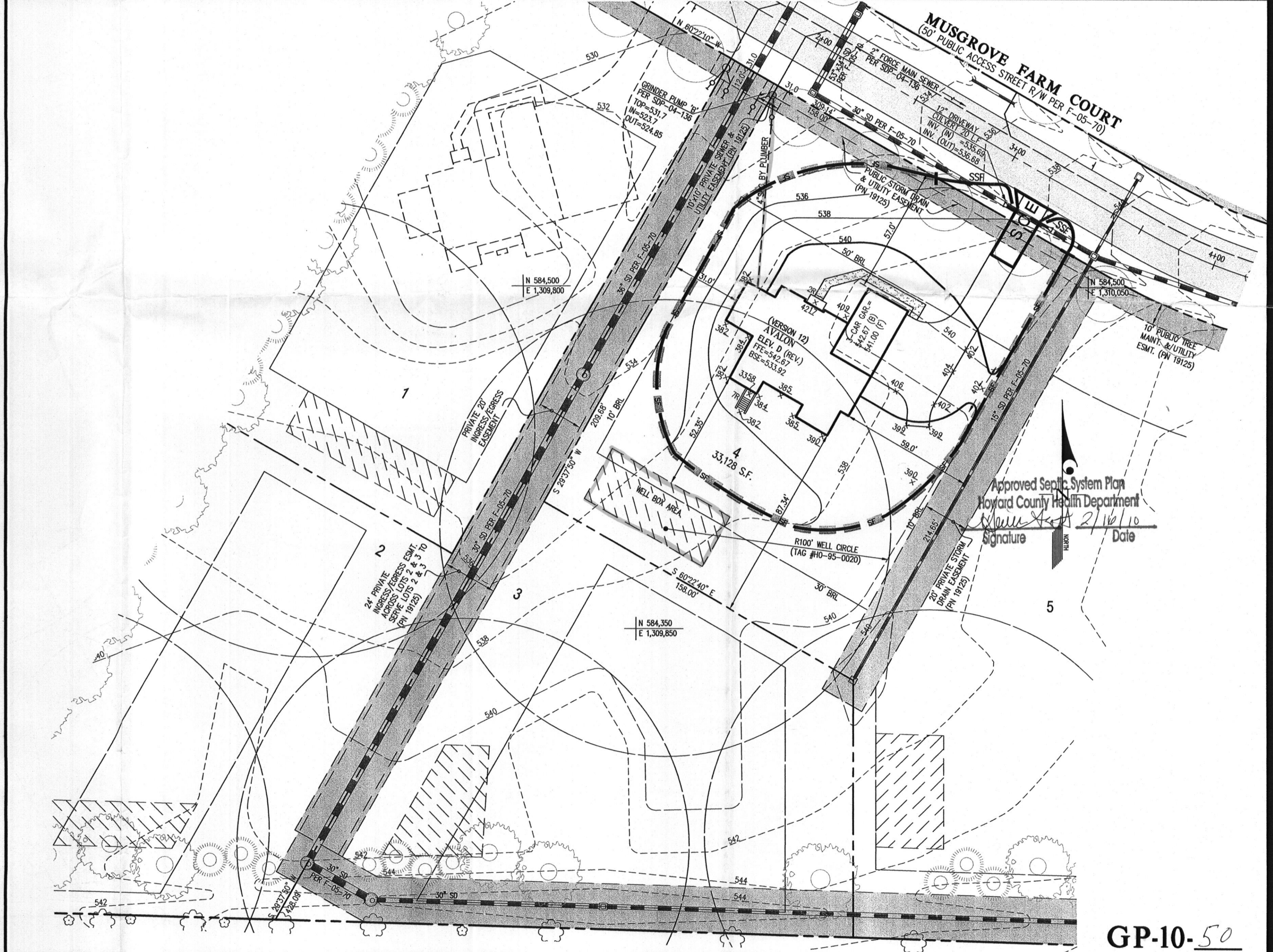
**NOTES:**

- 1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 OR ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY DPW.
2. DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM AND THE MINIMUM SIZE SHALL BE 12" DIA ROUND OR 14"x9" ARCH PIPE IF LARGER PIPE IS REQUIRED. DITCH HEIGHT SHALL BE LOWERED TO PROVIDE MIN DITCH GRADIENT OF 0.5% AND CLEARANCE SHOWN.
3. SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY LOCATED AT OR NEAR THE CREST OF VERTICAL CURVES ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL, AS APPROVED BY DPW.
4. TIE-IN GRADE OF PRIVATE DRIVEWAY SHALL NOT EXCEED 15%.
5. SEE TYPICAL SECTIONS FOR LAYOUT AND GRADING OF DITCH AND PIPE CULVERT.
6. USE OF THE ALTERNATIVE ORNAMENTAL HEADWALL SHALL REQUIRE APPROVAL BY THE DPW DIRECTOR. HOWARD COUNTY WILL NOT MAINTAIN ORNAMENTAL HEADWALLS. AN HOA AGREEMENT IS REQUIRED.

Table with 3 columns: Howland, Department of Public Works, and Detail R-6.06. Includes signature of Chief, Bureau of Engineering.



VICINITY MAP SCALE: 1" = 1000'



Approved Septic System Plan
Howard County Health Department
Signature: [Signature], DATE: 2/16/10

GP-10-50

GLWGUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONTVILLE OFFICE PARK
BURTONTVILLE, MARYLAND 20886
TEL: 301-421-4024 BALT: 410-880-1820 DC/WA: 301-989-2524 FAX: 301-421-4186

CONTRACT PURCHASER/BUILDER: RYAN HOMES
6031 UNIVERSITY BLVD. SUITE 250 ELLICOTT CITY, MD - 21043 410-796-0980 CONTACT: JOHN LEWIS
OWNER: MAPLE SPRINGS FARM LIMITED PARTNERSHIP
c/o MUSGROVE FARM LLC 5300 DORSEY HALL DRIVE SUITE 200 ELLICOTT CITY, MD 21042

PLOT (house siting) PLAN / SEDIMENT CONTROL PLAN
MUSGROVE FARM
LOT 4 (14314 MUSGROVE FARM COURT)
PLAT Nos. 19124-19126

Table with 3 columns: SCALE (1"=30'), ZONING (RR-DEO), G. L. W. FILE No. (05066), DATE (DEC., 2009), TAX MAP - GRID (21-12, 22-1&7), SHEET (1 OF 1).