



Health

Building Permit Application
Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No.: B18002285

Building Address: 12117 Frederick Rd.
City: Ellicott City State: MD Zip Code: 21042
Suite/Apt. #: N/A SDP/WP/BA #:
Census Tract: Subdivision: 0000
Section: Area: Lot: N/A
Tax Map: 0010 Parcel: 0004 Grid: 0013
Zoning: RURAL Residential Map Coordinates: Lot Size: 1.14
Existing Use: VACANT Lot
Proposed Use: Single Family Dwelling
Estimated Construction Cost: \$ 309,000.00
Description of Work: Construct a 3 Bedroom, 2 1/2 Bath, 2 car Garage Ranch Style Home.
Occupant/Tenant Name: VACANT
Was tenant space previously occupied? [] Yes [X] No
Contact Name:
Address:
City: State: Zip Code:
Phone: Fax:
Email:

Property Owner's Name: Carlie S Mazer + Matthew N. Savnder
Address: 12121 Frederick Rd.
City: Ellicott City State: MD Zip Code: 21042
Phone: (410) 802-7981 Fax:
Email: carlie.mazer@yahoo.com

Applicant's Name & Mailing Address, (if other than stated herein)
Applicant's Name: JA Myers Building + Development
Address: 100 Ram Drive
City: Hanover State: PA Zip Code: 17331
Phone: (717) 632-9400 Fax:
Email:

Contractor Company: JA Myers Building + Development
Contact Person: Ben Myers
Address: 100 Ram Drive
City: Hanover State: PA Zip Code: 17331
License No.: 1110
Phone: (717) 632-9400 Fax:
Email: bmyers@jamyershomes.com

Engineer/Architect Company: Baker Ingram + Associates
Responsible Design Prof.:
Address: 1547 Oregon Pike
City: Lancaster State: PA Zip Code: 17601
Phone: (717) 290-7400 Fax:
Email:

Table with 2 columns: Commercial Building Characteristics and Residential Building Characteristics. Includes fields for Height, No. of stories, Gross area, Area of construction, Use group, Construction type, and Roadside Tree Project Permit.

Table with 2 columns: Utilities and Water Supply. Includes fields for Electric, Gas, Water Supply, Sewage Disposal, Heating System, and Sprinkler System.

RECEIVED JUN 27 2018 LICENSES & PERMITS DIVISION

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: Ashley Hawkins
Print Name: Ashley Hawkins
Email Address: ahawkins@jamyershomes.com
Date: 6/19/18
Title/Company: Selection Coordinator / Permits

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

Table with 3 columns: AGENCY, DATE, SIGNATURE OF APPROVAL. Includes rows for State Highways, Building Officials, PSZA (Zoning), PSZA (Engineering), and Health.

Table with 1 column: DPZ SETBACK INFORMATION. Includes fields for Front, Rear, Side, Side St., All minimum setbacks met?, Is Entrance Permit Required?, Historic District?, Lot Coverage for New Town Zone, and SDP/Red-line approval date.

Table with 2 columns: Fee Name, Amount. Includes Filing Fee (\$100.00), Permit Fee (\$), Tech Fee (\$), Excise Tax (\$), PSFS (\$), Guaranty Fund (\$50.00), Add'l per Fee (\$), Total Fees (\$), Sub-Total Paid (\$150.00), Balance Due (\$), and Check # 128141.

Distribution of Copies: White: Building Officials Green: PSZA,Zoning Pink: Health Gold: SIA
T:\Operations\Updated Forms\Building applmp 03.21.2017.docx
Need dwelling prior to removal of old before signing

DRYWELL VOLUME CALCULATION

Impervious Area draining to inlet = 1048ft.² (A1)

Volume Required (B soil) = $AI \times 1.00 \text{ in.} = 87.333 \text{ ft.}^3$
12 in./ft.

Volume Provide = $6.7 \times 6.7 \times 5 (0.40) = 89.78 \text{ ft.}^3$

Impervious Area draining to inlet = 937ft.² (A1)

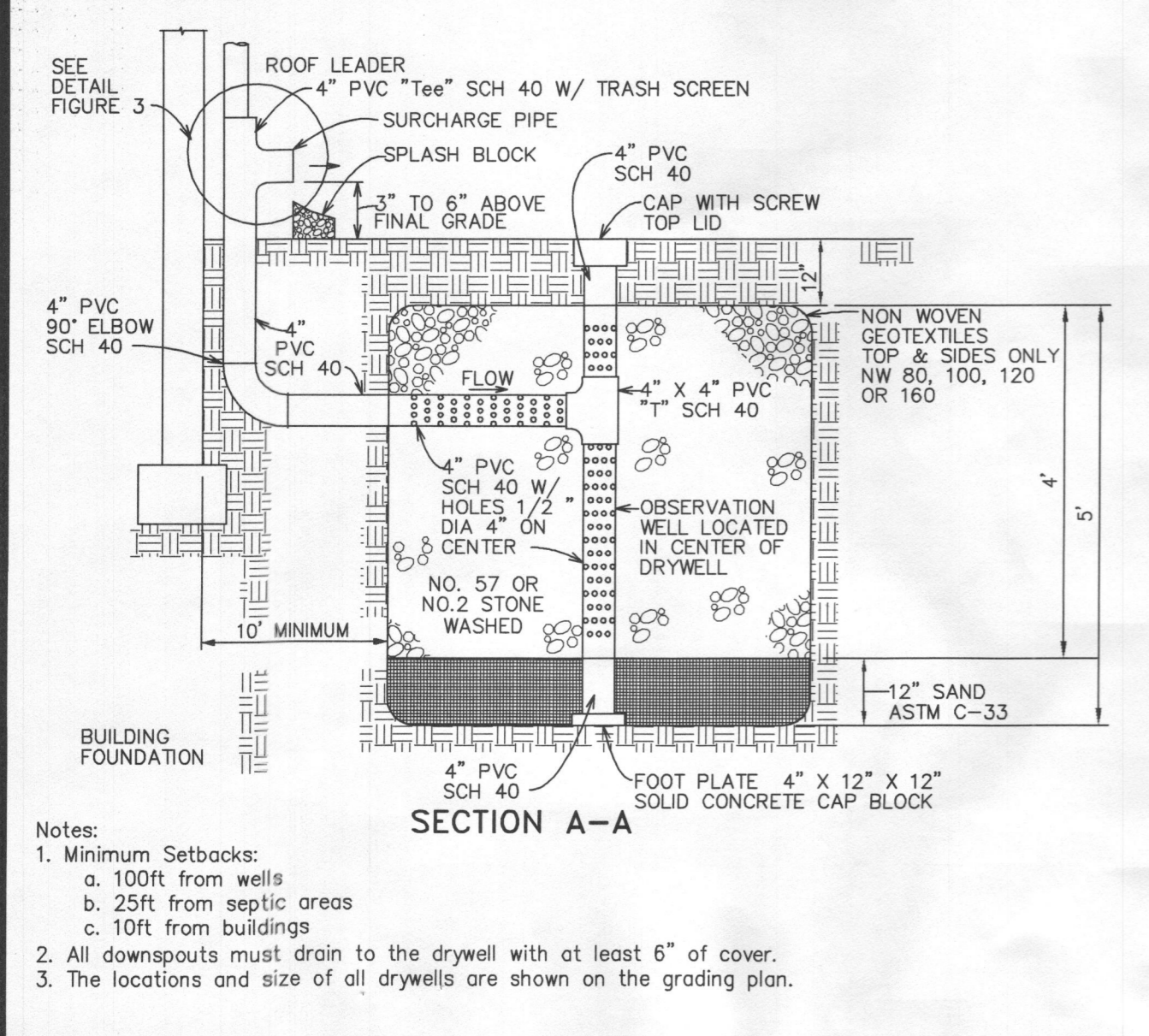
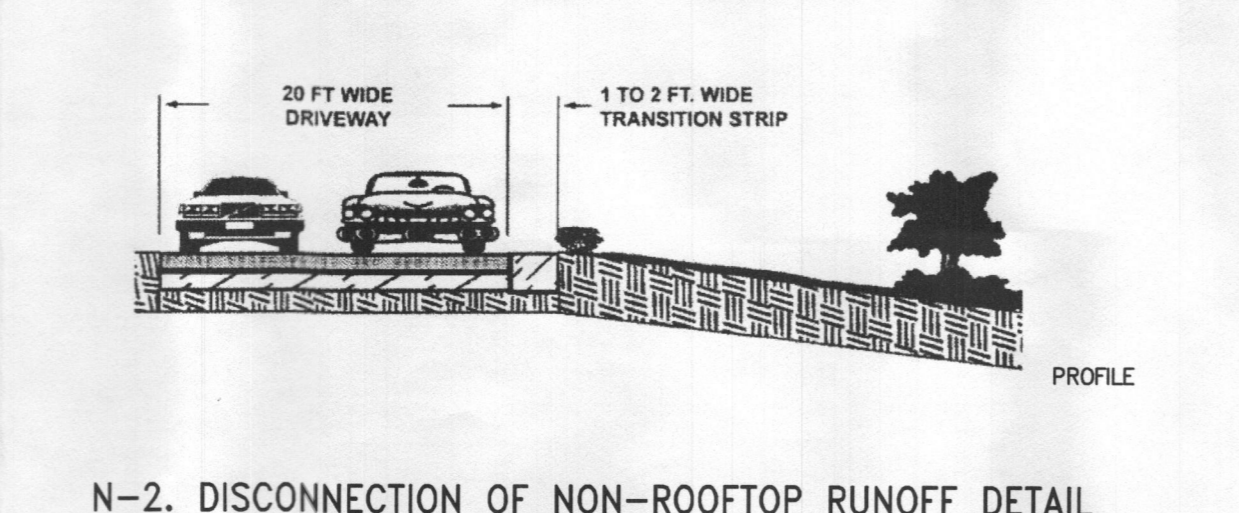
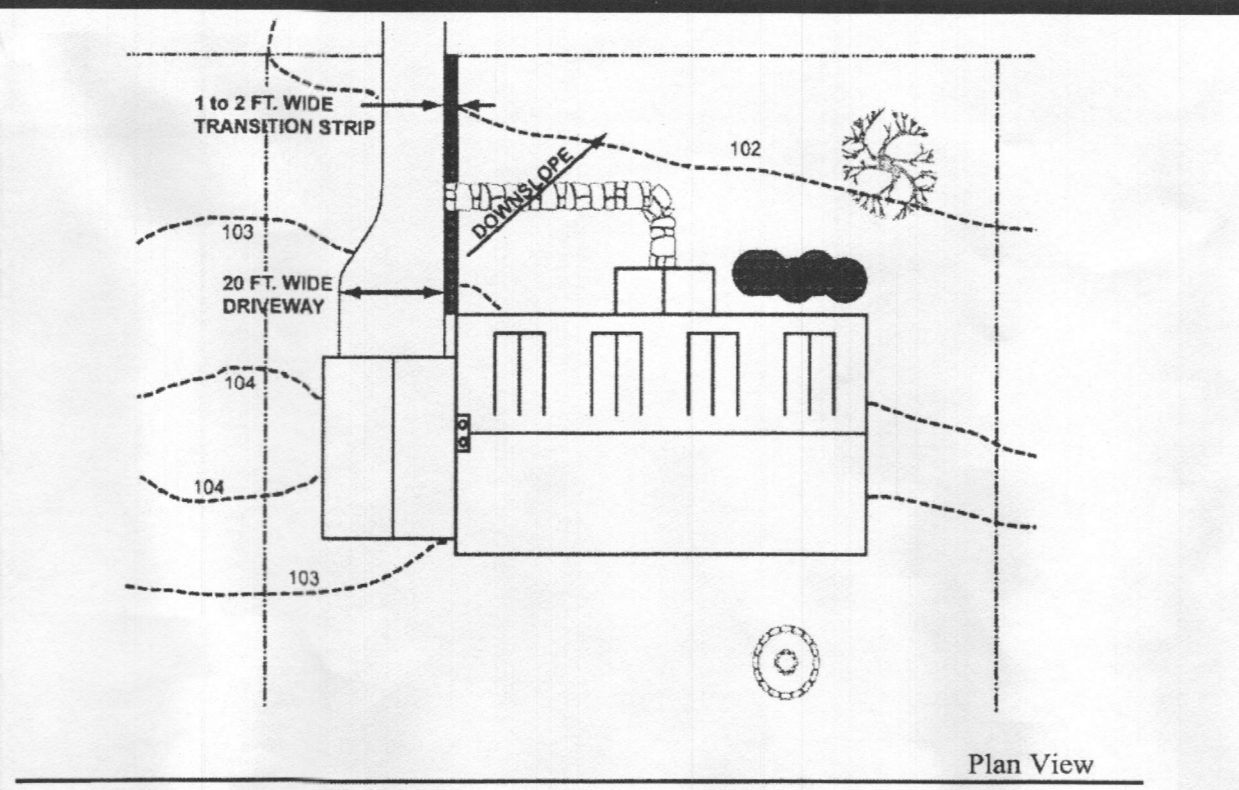
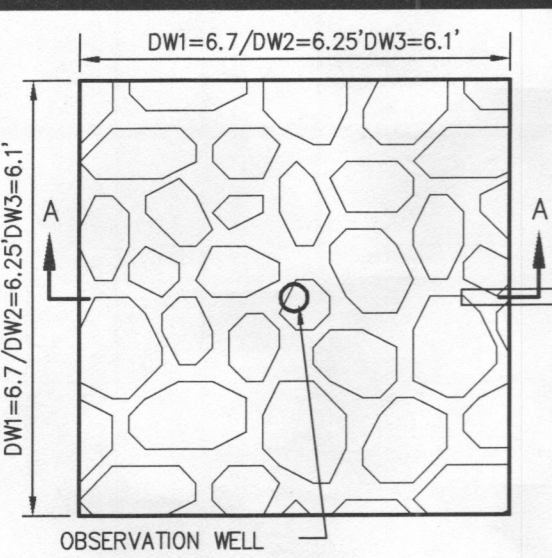
Volume Required (B soil) = $AI \times 1.00 \text{ in.} = 78.083 \text{ ft.}^3$
12 in./ft.

Volume Provide = $6.25 \times 6.25 \times 5 (0.40) = 78.13 \text{ ft.}^3$

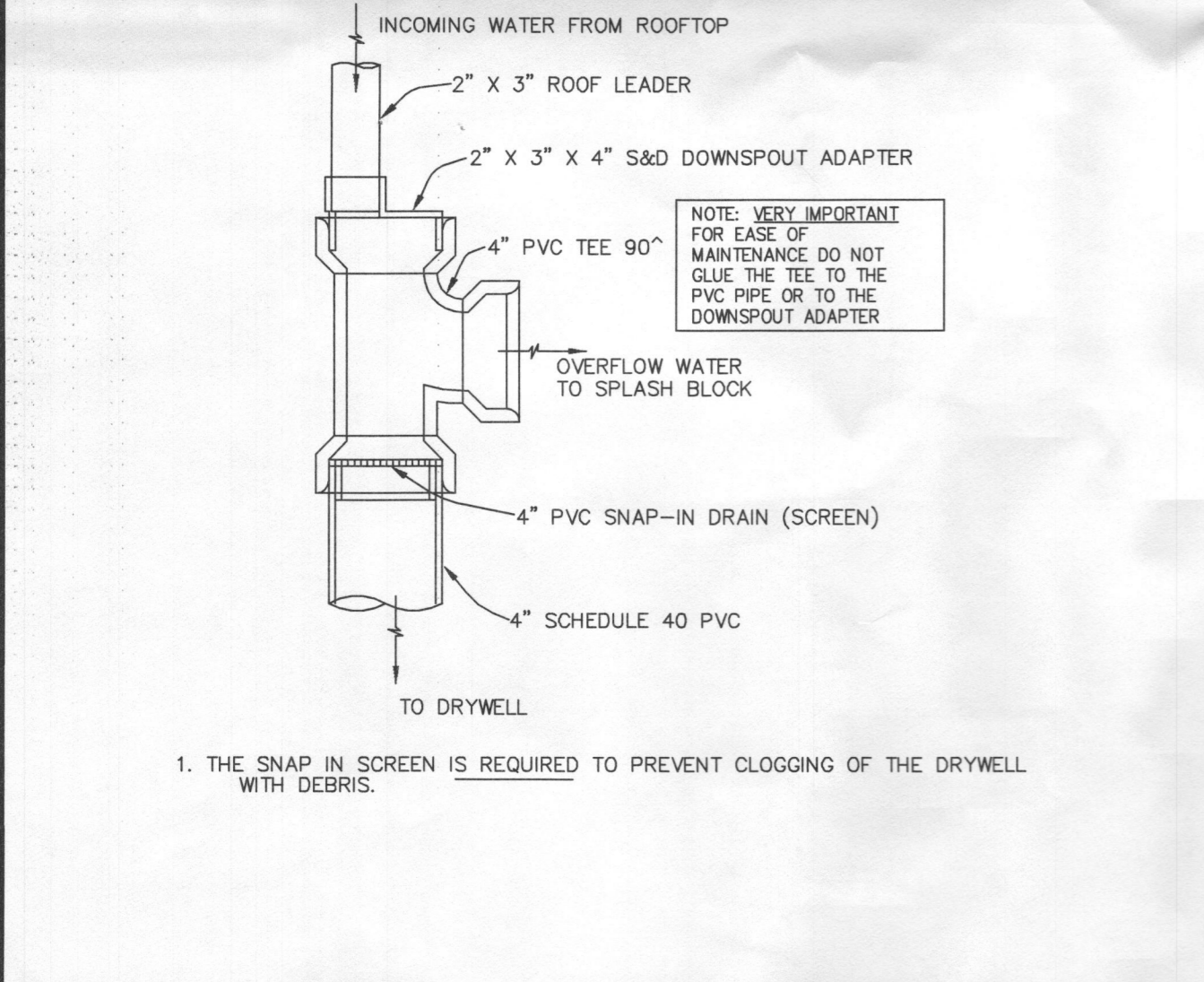
Impervious Area draining to inlet = 872ft.² (A1)

Volume Required (B soil) = $AI \times 1.00 \text{ in.} = 72.666 \text{ ft.}^3$
12 in./ft.

Volume Provide = $6.1 \times 6.1 \times 5 (0.40) = 74.42 \text{ ft.}^3$



- Notes:
- Minimum Setbacks:
 - 100ft from wells
 - 25ft from septic areas
 - 10ft from buildings
 - All downspouts must drain to the drywell with at least 6" of cover.
 - The locations and size of all drywells are shown on the grading plan.



- ### DRYWELL SEQUENCE OF CONSTRUCTION
- Once the individual house has been constructed and the final lot grading is complete contact the certifying professional engineer/professional land surveyor DRS & Associates 410-848-4060. Once the certifying professional has given his/her approval proceed as follows.
 - Construct drywell and connect to downspout per standard details under supervision of certifying professional.
 - Submit as-built certification for bond release.

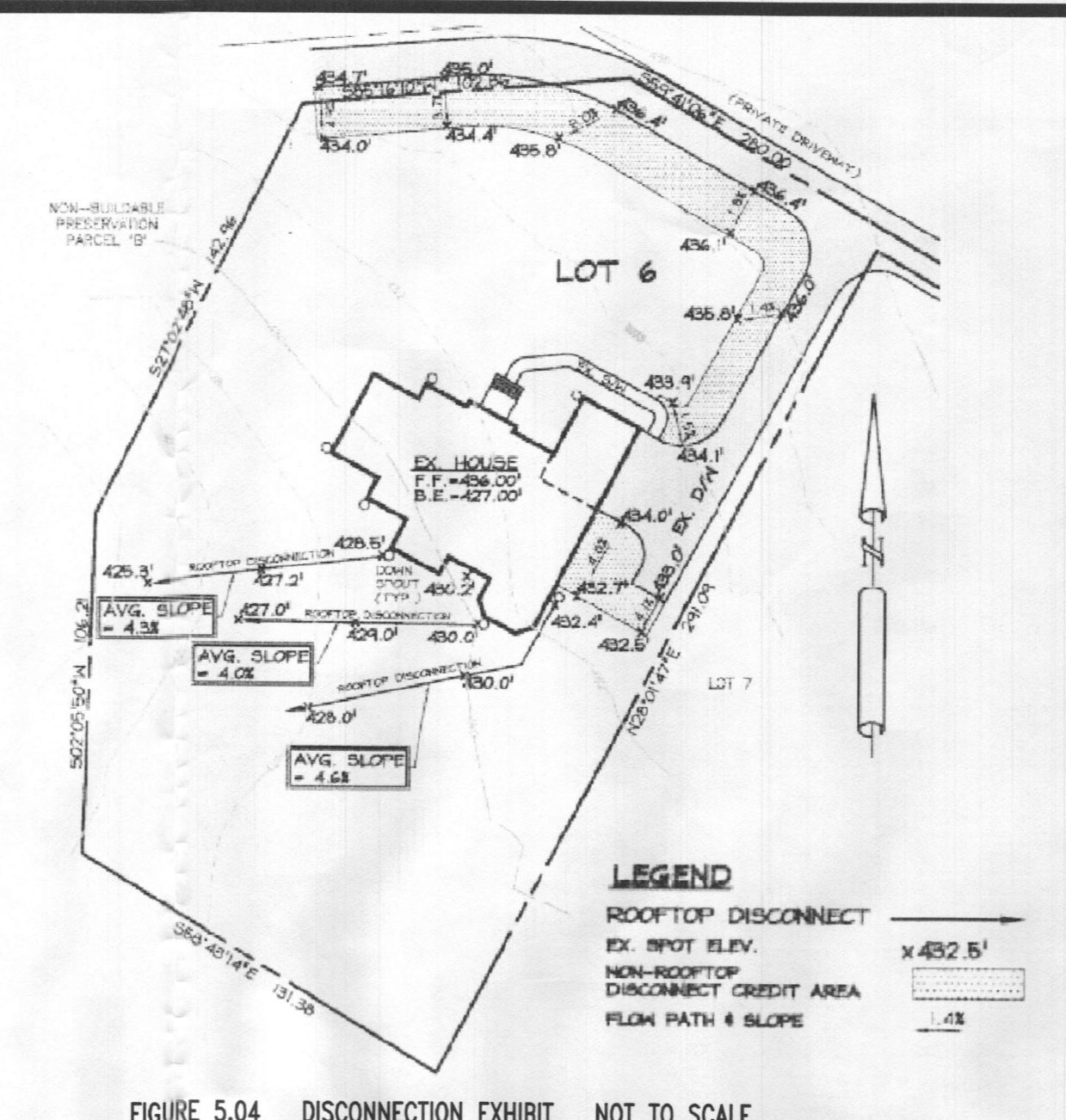
DRYWELL INSPECTION CHART

STAGE	DEVELOPER'S/ENGINEER'S APPROVAL INITIALS DATE
1. CHECK PROPER SIZE AND DEPTH	
2. CHECK SAND TYPE AND DEPTH	
3. CHECK GEOTEXTILE	
4. CHECK DOWNSPOUT CONNECTION	
5. CHECK OBSERVATION WELL	

PLEASE NOTIFY CERTIFYING ENGINEER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION

ENGINEER'S NAME: DRS & ASSOCIATES

PHONE NUMBER: 410-876-6040

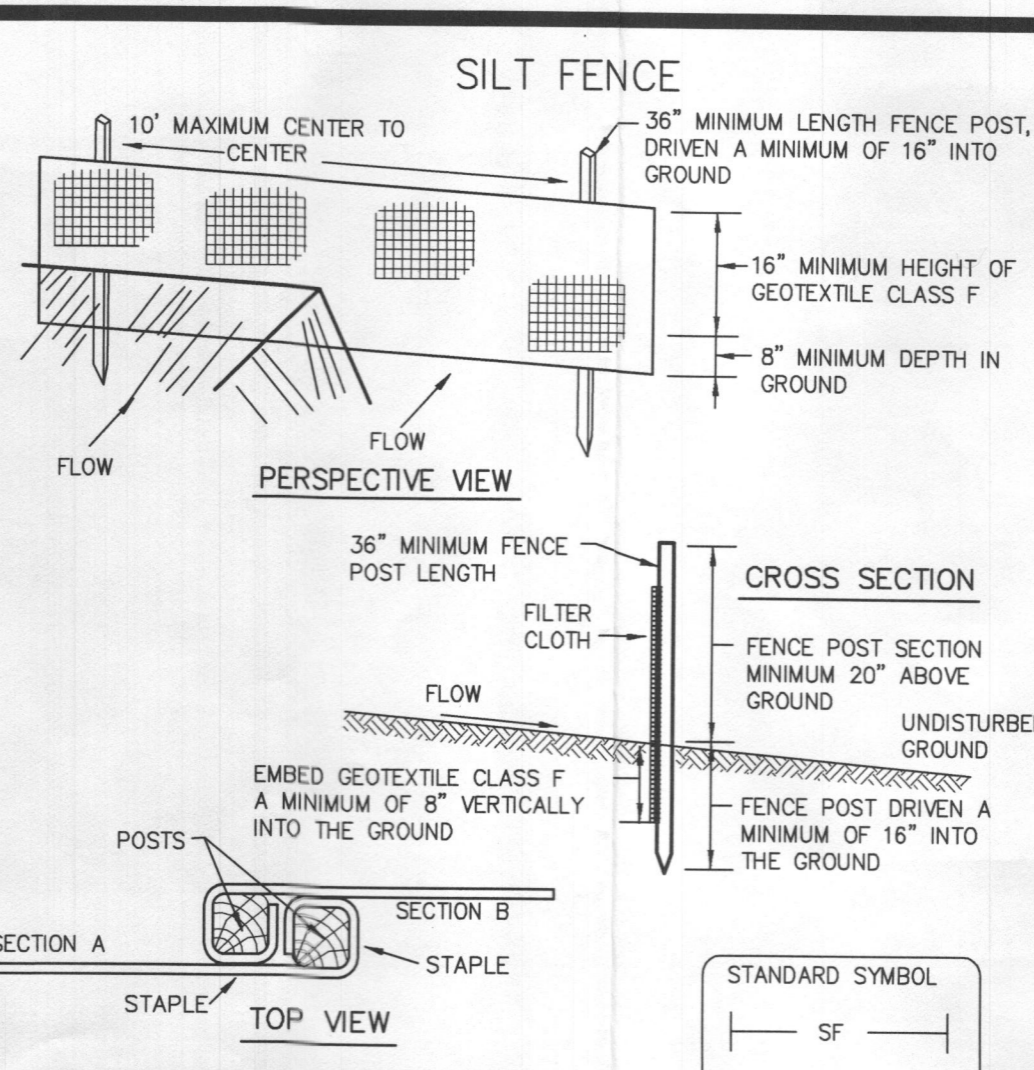
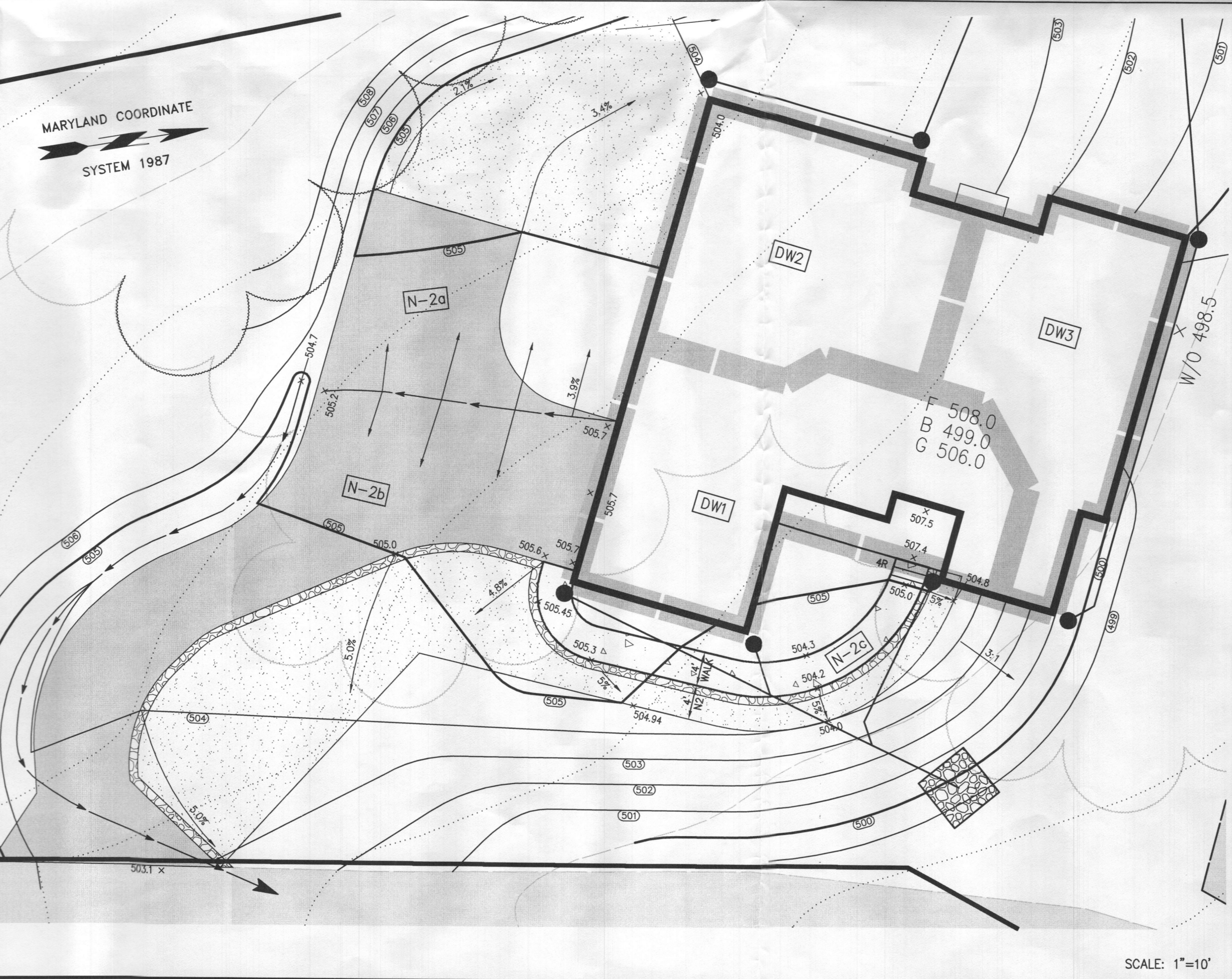
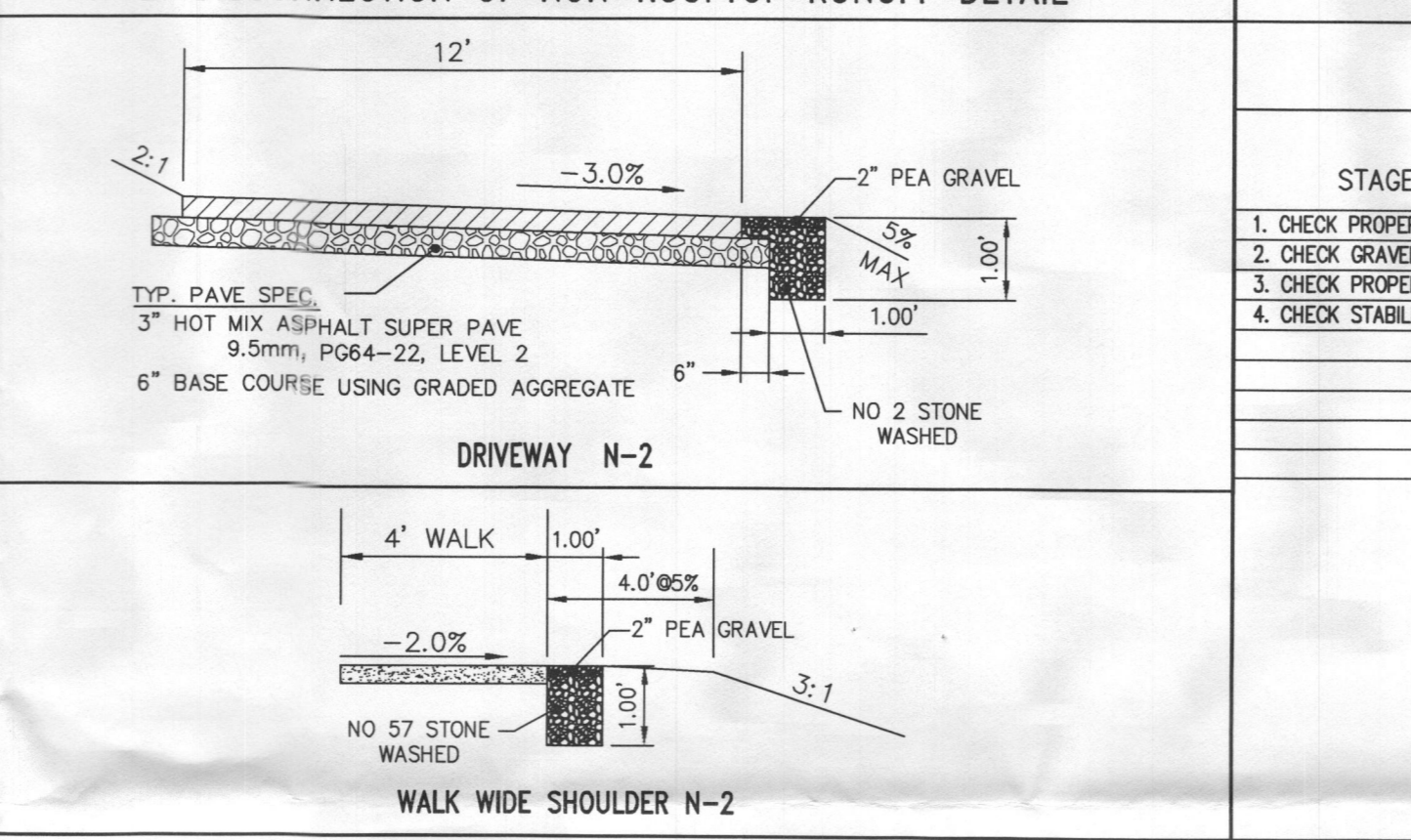


N-2 INSPECTION CHART

STAGE	DEVELOPER'S/ENGINEER'S APPROVAL INITIALS DATE	PLEASE NOTIFY CERTIFYING ENGINEER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION
1. CHECK PROPER SIZE AND DEPTH		
2. CHECK GRAVEL		
3. CHECK PROPER WIDTH AND SLOPE		
4. CHECK STABILIZATION		

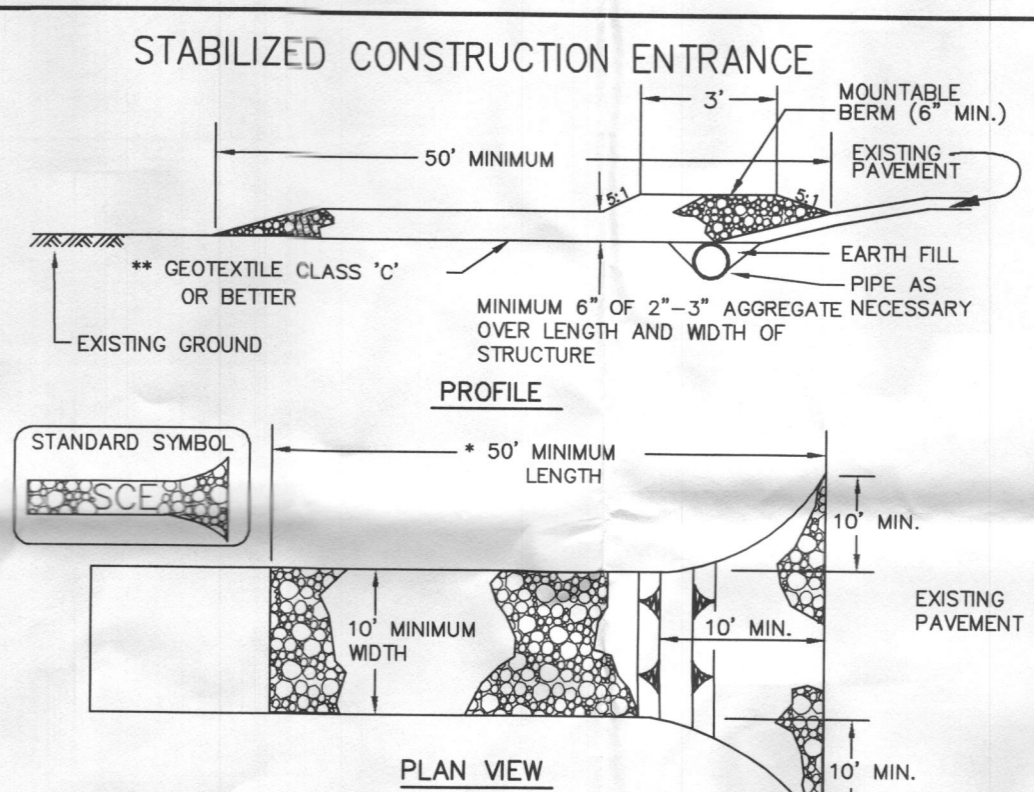
ENGINEER'S NAME: DRS & ASSOCIATES

PHONE NUMBER: 410-876-6040

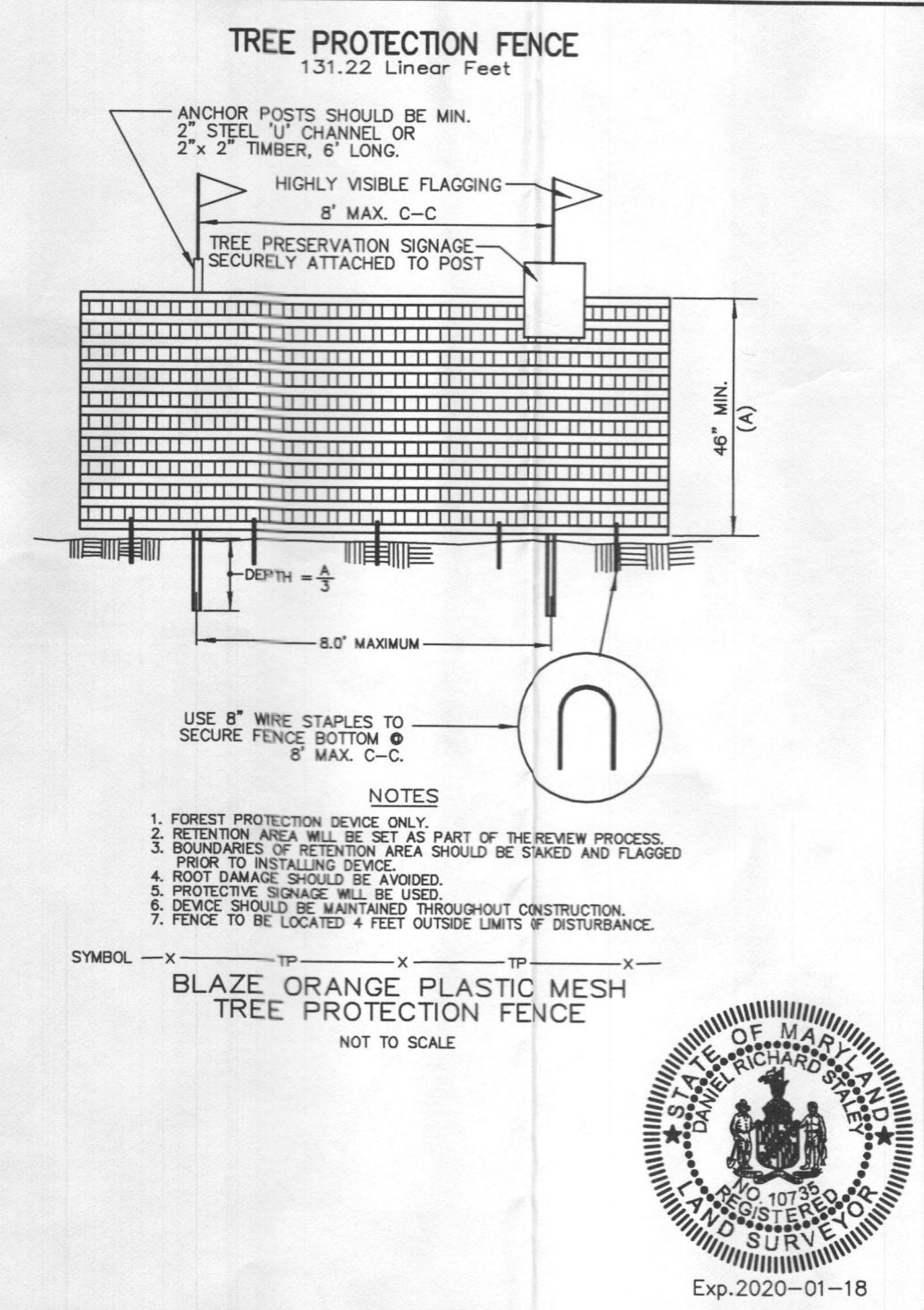


- ### JOINING TWO ADJACENT SILT FENCE SECTIONS
- Construction Specifications
- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard I or U section weighing not less than 100 pounds 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:

Tensile Strength:	50 lbs/in. (min.)	Test: MSMT 509
Tensile Modulus:	20 lbs/in. (min.)	Test: MSMT 509
Flow Rate:	0.3 gal/ft./minute (max.)	Test: MSMT 322
Filtering Efficiency:	75% (min.)	Test: MSMT 322
 - Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
 - Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.
- E153 - 5/14/96



- ### Construction Specification
- Length - minimum of 50' (10' for single residence lot).
 - Width - 10' minimum, should be flared at the existing road to provide a turning radius.
 - 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.
 - 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 entrances shall be 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.
 - 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.



DEVELOPER'S / LANDOWNER'S CERTIFICATION

I/We hereby certify that all proposed work shown in these construction drawing(s) will be conducted in strict accordance with these plans. I/We also understand that it is my/our responsibility to have the construction supervised and certified, including the submittal of "As-Built" plans certified by a registered Professional Engineer with in thirty (30) days of completion of work on the stormwater management facility/facilities. I/We also certify that this/these stormwater management facility/facilities will be inspected during construction by a Registered Professional Engineer. In accordance with Howard County Code.

Signed: _____ Date: _____

ENGINEER'S DESIGN CERTIFICATION

I hereby certify that these plans have been designed according to Howard County Code and I hereby certify that these documents were prepared or approved by me, and I am a duly licensed professional engineer under the laws of the State of Maryland.

Signed: _____ Date: _____

License No. _____

Expiration Date: _____

ENGINEER'S "AS-BUILT" CERTIFICATION

I/We hereby certify that the facility shown on these plan(s) was constructed as shown on the "As-Built" plans and meets the approved plans and specifications. I also certify that this/these facilities were inspected in accordance with Howard County Code and I hereby certify that these documents were prepared or approved by me, and I am a duly licensed professional engineer under the laws of the State of Maryland.

Signed: _____ Date: _____

License No. _____

Expiration Date: _____

STORMWATER MANAGEMENT CALCULATIONS

Lot Area: 1.13360 Ac x 43,560 =	49,379.41 sf
Proposed Impervious Area:	4,754.00 sf
Percent Impervious: 4,754 / 49,379.41 =	9.6 %
PE: B Soils with 9.6% Impervious =	1.0 in

Required Stormwater Management

Impervious Surface	AREA	x TREAT =	Req SWM
House			
DW1 =	1,048 sf x (1"/12") =		87.333 cf
DW2 =	907 sf x (1"/12") =		75.583 cf
DW3 =	846 sf x (1"/12") =		70.500 cf
Driveway			
N-2a =	447 sf x (1"/12") =		37.250 cf
N-2b =	1,279 sf x (1"/12") =		106.583 cf
Sidewalk			
N-2c =	227 sf x (1"/12") =		18.917 cf
Total SWM VOL :	4,754 sf x (1"/12") =		396.166 cf

Provided Stormwater Management

M-5 Drywells (DW1) :	6.70' x 6.70' x 5.00' x 0.4 =	89.78 cf
M-5 Drywells (DW2) :	6.20' x 6.20' x 5.00' x 0.4 =	76.88 cf
M-5 Drywells (DW3) :	6.10' x 6.10' x 5.00' x 0.4 =	74.42 cf
N-2 Disconnection (N-2a) :	447sf x (1.0"/12") =	37.25 cf
N-2 Disconnection (N-2b) :	1,279sf x (1.0"/12") =	106.58 cf
N-2 Disconnection (N-2c) :	227sf x (1.0"/12") =	18.92 cf
Total SWM VOL :		403.83 cf

SIMPLIFIED ENVIRONMENTAL CONCEPT PLAN/ Saunders Property

OWNER
Matthew Noble Saunders
12117 Frederick Rd
Ellicott City MD 21042

MAP 16 BLOCK 13 PARCEL 04
ZONED RR-DEO
3RD ELECTION DISTRICT 12117 FREDERICK RD HOWARD COUNTY, MARYLAND

D.R.S. & ASSOCIATES

LAND DESIGN CONSULTANTS
52 WINTERS STREET WESTMINSTER, MARYLAND 21157
410-848-4060 410-876-6040 F. 410-848-8818

REV. NO.	DATE	BY	DESCRIPTION	DATE: 2017-12-01
2	2018-02-27	DRS/jfs	ADD WELL & TAG NO & HCDL & HCRD 2018-01-08	SCALE: N/A
3	2018-04-18	DRS/jfs	PER HCRD 2018-04-17 & HCDL 2018-04-18	SHT. NO. : 2 OF 2
4	2018-05-04	DRS/dim	PER HCRD 2018-04-26	DWG.: ST01-01
5	2018-05-10	DRS/jfs	PER HCRD 2018-05-09	
6	2018-06-05	DRS/jfs	PER MEETING 2018-06-04	

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Exp. 2020-01-18

GENERAL NOTES

- 1. Subject Property Zoned: RR-DEO.
2. Total area of property: 49379.41 sq. ft.
3. Septic easement subject to Howard County Health Department review.
4. Length of trench to be determined at time of septic permit issuance.
5. Contractor to verify elevation in the field before beginning any construction.
6. The topography shown hereon was field run by DRS & Associates and based on NAVD88 U.S. Feet supplemented with data by Howard County GIS.
7. No wetlands currently exist on the property.
8. For driveway entrance detail refer to Howard County Design Manual Volume IV Standard Detail R6.06.
9. 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.
10. Improvements of any nature in this area are restricted until public sewerage is available.
11. Existing wells and/or sewerage easements within 100 feet of the property have been shown from the best available information.
12. All house sites shown comply with minimum building restriction regulations.
13. The existing well shown on this plan identified with the attached well tag number HO-17-0223 has been field located by DRS & Associates professional land surveyor and is accurately shown.
14. Any changes to a private sewerage easement shall require a Revised Percolation Certification Plan.
15. Approval of this site plan shall constitute approval of any subsequent and associated subdivision plan/plot and/or site development plan and/or red-line revision plan. Review of this project for compliance with the Howard County Subdivision and Land Development Regulations shall occur at the subdivision plan/plot and/or site development plan stages and/or red-line revision process.
16. Driveways shall be provided prior to issuance of a use and occupancy permit for any new dwellings to insure safe access for fire and emergency vehicles per the following minimum requirements:
17. Pre-Developed Forest: 13,026 SqFt
18. Post-Developed Forest: 3,716 SqFt
19. In accordance with Section 16.1202(b)(2)(i) of the Howard County Code, the proposed development of this site is conditionally exempt from the Forest Conservation requirements of the Howard County Code with the filing of a Declaration of Intent (DOI) for cutting, clearing or grading of forest resources less than 20,000 square feet of development on an existing single lot.

Table with 4 columns: MAP-BLOCK-PARCEL ACT ID, OWNER NAME, MAILING ADDRESS, TITLE REFERENCE. Lists adjacent property owners including Saunders Debra Anne, Saunders Robert Patrick, Saunders Michael E & Saunders Janet M, and Barnes Andrew M & Barnes Jeana.

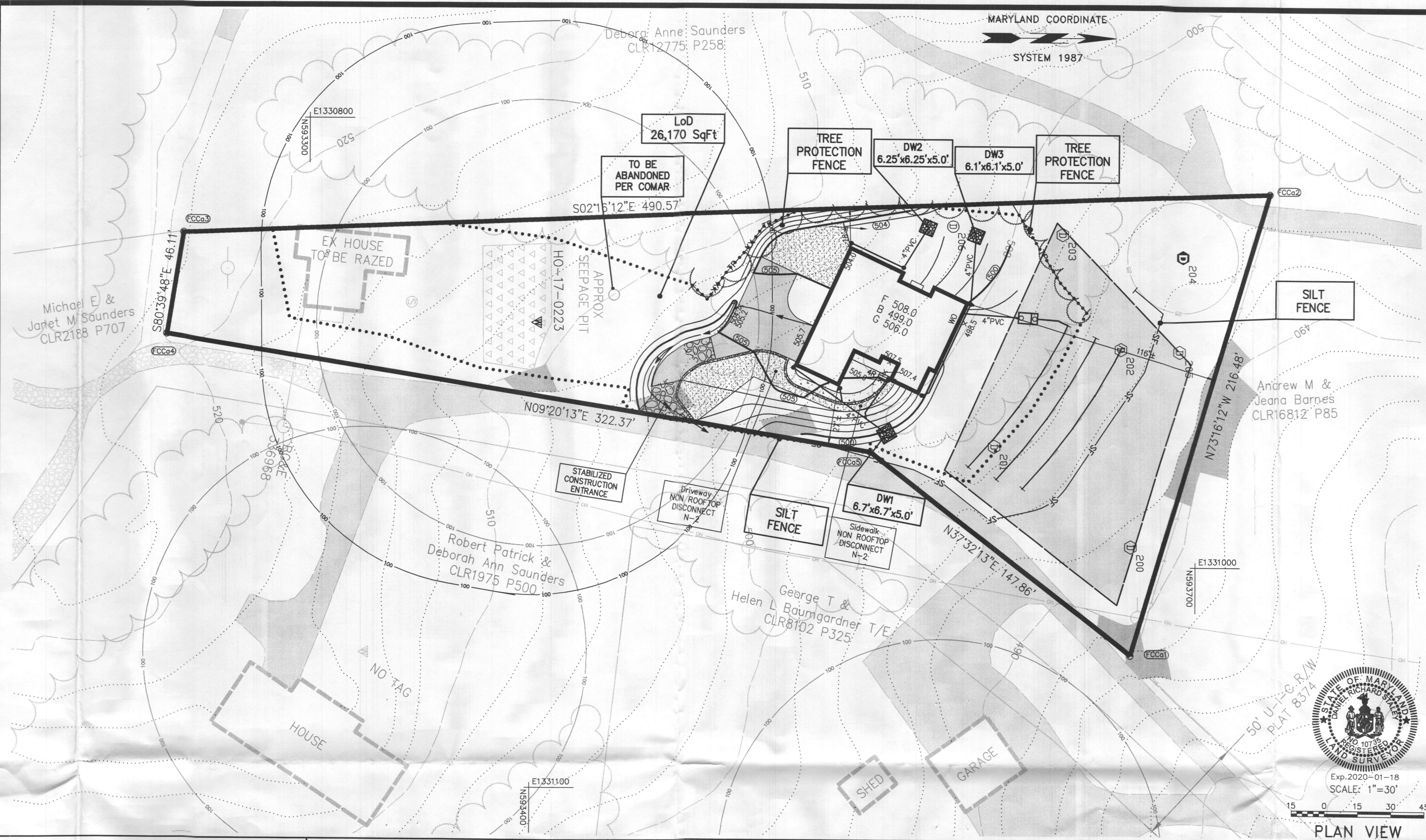
DESIGN NARRATIVE
Saunders Property is a 1.13360 acre parcel located on the south side of Maryland Route 144 (Frederick Road), 6,000 feet east of the intersection of Maryland Route 144 and Maryland Route 32 at 12117 Frederick Rd, Ellicott City, MD 21042 and shown on Howard County Tax Map 016 Block 13 Parcel 0004. The property conforms to current zoning, RR-DEO Rural Residential, an existing house on site is to be razed and a new residential home proposed that meets current regulations. Access to Frederick Road from Saunders Property is provided by a use-in-common right of way.

STORMWATER MANAGEMENT NARRATIVE
Saunders Property is a redevelopment project however does not meet the 40% impervious area requirement per Howard County Code. The site is 49,379.41 square feet, entirely in Hydrologic Soil Group B, with a proposed impervious area of 4,200 square feet or 8.5% impervious. Stormwater Management requires a PE of 1.0 inches and will be addressed for the proposed improvements using Non-Structural and Micro-Scale Practices, rooftop runoff will be treated using M-5 Dry Wells, sidewalks will utilize N-2 Disconnection of Non-Rooftop Runoff with a transition strip and the driveway will use a M-4 Modified Infiltration Berm. Howard County Code of Ordinances Section 18 Subtitle 9 - Stormwater Management will be addressed using Environmental Site Design to the Maximum Extent Practicable (ESD to the MEP).

FOREST STAND DELIATION NARRATIVE
Saunders Property has a forested area of 0.34497 acres or 30% forested and a high point elevation of 522 feet on the southwest corner and drains to the low point of 488 on the northeast corner. The proposed limits of forest disturbance is less than 20,000 square feet, per Howard County Code of Ordinances Section 16.1202 (b)(2)(i), exempt from the requirements of Subtitle 12 - Forest Conservation.

Site Analysis Data Chart table with 2 columns: Existing Conditions, Developed Conditions. Rows include Site Use, Impervious Area, Forest Area, Green Area, Wetlands, Floodplains, Lot Area.

Table with 2 columns: Description, Date. Rows include Chief, Development Engineering Division; Chief, Division of Land Development; Director.



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 (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 most current Maryland Standards and Specifications for soil erosion and sediment control and revisions thereto.
3. All sediment traps/basins shown must be fenced and warning signs posted around the perimeter in accordance with Vol. 1, Chapter 12, incorporating the lime and fertilizer into this loosened layer of soil. See section B-4-2.
4. All disturbed areas must be stabilized within the time period specified for Soil Erosion and Sediment Control.
5. 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.
6. Site Analysis: Total Area of Site 1.13360 Acres, Area Disturbed 0.58428 Acres, Area to be roofed or paved 0.09483 Acres, Area to be vegetatively stabilized 0.48944 Acres.
7. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
8. Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
9. 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.
10. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.

TEMPORARY SEEDING NOTES

Scope: Planting short term (no more than 6 Months) vegetation to temporarily stabilize any areas where soil disturbance has occurred, until the area can be permanently stabilized with vegetative or non-vegetative practices.
Standards: The following notes shall conform to Section B-4 of the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL published jointly by the Maryland Department of Environment - Water Management Administration, the National Resource Conservation Service and the Maryland Association of Soil Conservation Districts.
The seed bed shall be prepared by loosening the soil to a depth of 3 to 5 inches and incorporating the lime and fertilizer into this loosened layer of soil. See section B-4-2.
For temporary stabilization, fertilizer shall consist of a mixture of 10-20-20 and be applied at a rate of 436 lb. per acre (10 lb. per 1000 sq. ft.) and will meet the requirements in section B-4-2. Lime shall be applied at a rate of 2 tons per acre (90 lb. per sq. ft.) and shall meet the requirements in section B-4-2 and B-4-4.
Seed type and application shall meet the requirements in section B-4-3. Seed tags shall be made available to the inspector to verify the type and rate of seed used. Mulch type and its application will meet the requirements in section B-4-3 a, b and c and will be applied along with the seed or immediately after seeding.
Seeding mixtures shall be selected from or will be equal to those on Table B.1 (page B.20).
Temporary Seeding Summary: The seeding chart below will need to be placed on and filled in on the sediment control plan.

TEMPORARY SEEDING SUMMARY table with 5 columns: No., Species, Application Rate (lb/acre), Seeding Dates, Seeding Depths. Includes Barley or Rye & Foxtail Millet.

TOPSOIL SPECIFICATIONS

Soil to be used as topsoil must meet the following: Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam or 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 subsols and shall contain less than 5% by volume of cinders, stones, slag, coarse 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, nuttseed, poison ivy, thistle or others as specified. Where the topsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 lbs./1000 sq. ft.) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations.

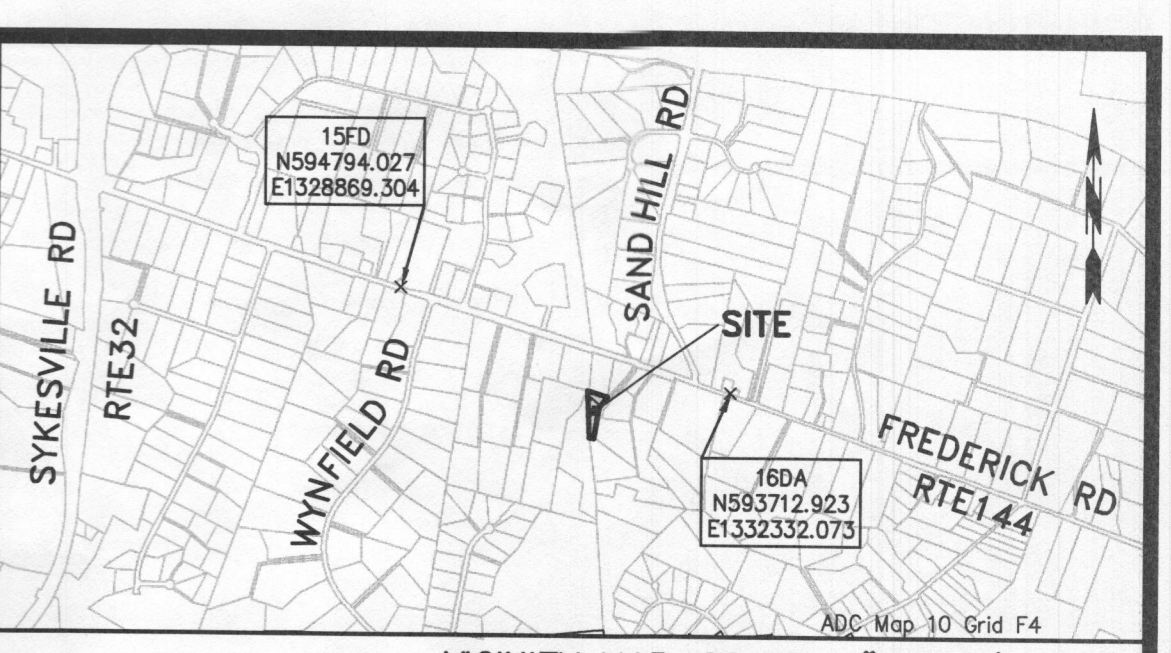
PERMANENT SEEDING NOTES

Scope: Planting permanent, long lived vegetative cover on graded and/or cleared areas and areas that have been in temporary vegetation for more than 6 months.
Standards: The following notes shall conform to Section B-4 of the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL published jointly by the Maryland Department of Environment - Water Management Administration, the National Resource Conservation Service and the Maryland Association of Soil Conservation Districts.
The seed bed shall be prepared by loosening the soil to a depth of 3 to 5 inches and incorporating the lime and fertilizer into this loosened layer of soil. See section B-4-2.
For sites over 5 ac. soil tests will be performed. Soil tests will be conducted by the University of Maryland or a recognized commercial laboratory. Minimum soil conditions shall meet the requirements of section B-4-2-A-2-a, otherwise soil amendments or topsoil will need to be applied. Topsoiling may occur when soil conditions meet the minimum requirements as stated in section B-4-2-B. Soil amendments must meet the requirements as set forth in section B-4-2-C and must be applied as indicated by the soils tests.
For sites of 5 ac. or less of disturbance, the following fertilizer and lime rates shall apply. Fertilizer shall consist of a mixture of 10-20-20 and be applied at the following rates: N = 45 lb. per acre (1 lb. per 1000 sq.ft.) P205 = 90 lb. per acre (2 lb. per 1000 sq.ft.) K2O = 90 lb. per acre (2 lb. per 1000 sq.ft.) Lime shall be applied at a rate of 2 tons per acre (90 lb. per 1000 sq.ft.)
Seed type, turfgrass or sod application shall meet the requirements in section B-4-5. Seed tags shall be made available to the inspector to verify the type and application rate of seed used. Mulch type and its application will meet the requirements in section B-4-3 a, b and c, and will be applied along with seed or immediately after seeding.
Seeding mixtures shall be selected from or will be equal to those on Table B-3. The seeding chart below will need to be placed on and filled in on the sediment control plan.

PERMANENT SEEDING SUMMARY table with 5 columns: No., Species, Application Rate (lb/acre), Seeding Dates, Seeding Depths. Includes Tall Fescue, Canada Bluegrass, Kentucky Bluegrass, Perennial Ryegrass, Kentucky Bluegrass.

SEDIMENT AND EROSION CONTROL NOTES

- 1. All erosion/sediment control measures shall comply with the Maryland Standards and Specifications for Soil Erosion and Sediment Control by the Maryland Department of the Environment, Water Management Administration in association with the Natural Resources Conservation Service and the Maryland Association of Soil Conservation Districts (referenced as the 2011 Standards and Specs).
2. Areas that have been cleared and/or graded, but will not be constructed on or permanently vegetated for more than 7 days (3 days for sediment control measures and for steep slopes) must be stabilized with mulch or temporary stabilization. Any areas that are in temporary vegetation for over 6 months will need to be permanently vegetated.
3. For specifications on permanent or temporary stabilization, see B-4-4 and B-4-5.
4. Mulching only is restricted to use on disturbed areas as a temporary cover where vegetation is not feasible or where seeding germination cannot be completed because of weather conditions. For specifications see B-4-3, A.1.B.
5. For specifications on the stabilization of cut and fill slopes steeper than 3 horizontal to 1 vertical, see Incremental Stabilization B-4-1.
6. The existing topsoil from an on or off site that is used must meet the minimum specification in B-4-2.
7. The required sequence of construction must be followed during site development. Any changes in the sequence of construction must be approved by the Soil Conservation District.
8. Any revisions to the sediment control plan, not covered under the list of plan modifications that can be approved by the sediment control inspector, need to be submitted to the Soil Conservation District for approval.
9. No proposed slope that is required to be seeded and/or mulched shall be steeper than 2:1. Slopes steeper than 2:1 shall require an engineered design for stabilization.
10. All sediment control structures will be inspected once a week and after each rainfall and will be repaired, as needed, so that the structure meets the minimum specifications as shown in the 2011 Standards and Specs.
11. The contractor is responsible for maintaining all sediment and erosion control measures until the disturbed areas are permanently stabilized.
12. The district approved for this sediment control plan is good for 3 years. At the end of 3 years, if construction of the plan has not started, the plan will need to be resubmitted to the Soil Conservation District for review and re-approval. Any plans that are currently under construction after 3 years may be required to be resubmitted to the Soil Conservation District by the sediment control inspector.



LEGEND table with 2 columns: Existing, Proposed. Lists symbols for Easement Electric, Edge of Rd, Feature separation distance, Fenceline, Forest, Flow Line, Ind. Contours, Int. Contours, Lot Line, Lot Line Overhead Lines, Plot Outline, Right-Of-Way Line, Set Back Line, Sewer, Bit. Conc. Pav., Concrete, Cable Marker, Clean Out, Sewer/Drain, Discharge Flow, Dry Well, etc.

ABBREVIATIONS table with 3 columns: Abbreviation, Description, Full Name. Includes App, B, CLR, Co, Dwy, F, G, Gar, HP, HSE, IE, L, etc.

Saunders Property table with 5 columns: Name, North, East, Bearing, Distance. Lists FCCa1 through FCCa5 with their respective coordinates and bearings.

PLAN VIEW
Scale: 1"=30'
Total Area: 49379.41 sf, 1.13360 acres +/-
Approved B18002285
7/15 7/9/2018

SIMPLIFIED ENVIRONMENTAL CONCEPT PLAN/ SITE PLAN
Saunders Property
OWNER: Matthew Noble Saunders, 12117 Frederick Rd, Ellicott City MD 21042
MAP 16 BLOCK 13 PARCEL 04 ZONED RR-DEO 3RD ELECTION DISTRICT 12117 FREDERICK RD HOWARD COUNTY, MARYLAND

D.R.S. & ASSOCIATES LAND DESIGN CONSULTANTS
52 WINTERS STREET WESTMINSTER, MARYLAND 21157
410-848-4060 410-876-6040 F. 410-848-8818

Table with 5 columns: REV.No., DATE, BY, DESCRIPTION, DATE: 2017-12-01. Lists revision history for the plan.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Chief, Development Engineering Division Date
Chief, Division of Land Development Date
Director Date

I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief.
This Development is approved for soil erosion and sediment control by the Howard County Soil Conservation District.
Reviewed for Howard County Soil Conservation District and meets technical requirements.
U.S.D.A. Natural Resources Conservation Service Date

DEVELOPER'S CERTIFICATION
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 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 conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
ENGINEER Date

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