

**STORMWATER MANAGEMENT SUMMARY TABLE**

RECEIVING AREA	PRACTICE	LOCATION	AREA TREATED	VOLUME (ESDV)
1	NON-ROOFTOP DISCONNECTION (N-2)	SW DRIVEWAY	7000 SF	554 CF
2	NON-ROOFTOP DISCONNECTION (N-2)	NW DRIVEWAY	5400 SF	427 CF
3	NON-ROOFTOP DISCONNECTION (N-2)	PARKING AREA	6600 SF	523 CF
TOTAL			19,000 SF	1504 CF
			ESDV REQ'D	= 1504 CF

**SOILS LEGEND:**  
 GgA - Glenelg Loam, 0 to 3 percent slopes  
 GgB - Glenelg Loam, 3 to 8 percent slopes  
 GgC - Glenelg Loam, 8 to 15 percent slopes  
 GmB - Glenelg Silty Loam, 3 to 8 percent slopes

**APPROVED: DEPARTMENT OF PLANNING AND ZONING**  
 Chief, Development Engineering Division: 7-27-15  
 Chief, Division of Land Development: 8-12-15  
 Planning Director: 8-12-15

Approved for Private Water and Private Sewerage  
 Howard County Health Department  
 Approved by: *W. J. ...* 8/6/2015  
 Howard County Health Officer  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

**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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
 SIGNED: *Bruce D. Burton* 6/5/15  
 BRUCE D. BURTON DATE



**DEVELOPER'S CERTIFICATE**  
 I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS 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 INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.  
 SIGNED: *John K. ...* 6/25/15  
 JOHN K. ... DATE

**SHEET INDEX**

NO.	TITLE
1	Site Development Plan
2	FOREST STAND DELINEATION
3	Construction, Sediment Control Notes & Details

I HEREBY CERTIFY THAT THESE DOCUMENTS 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. 19184, EXPIRATION DATE: 6/30/15.  
 SIGNED: *Bruce D. Burton* DATE: 6/5/15  
 BRUCE D. BURTON

**REVISIONS**

No.	Date	Description

**IN THE MATTER OF** WESLEY AND REBECCA JENSON, \* BOARD OF APPEALS \*  
 VS. ARROWWOOD SHEPHERDS, INC. \* BOARD OF APPEALS \*  
 CASE NO. BA 09-030C \* HOWARD COUNTY \*
 ORDER

The Board of Appeals met on February 26, 2012 to consider the Order of the Circuit Court in Circuit Case #13-CJ-10-84855, dated November 18, 2011, wherein the Court affirmed the Board of Appeals Decision in BA 09-030C (dated October 20, 2011), and further ordered that the same be remanded to the Howard County Board of Appeals for the limited purpose of re-evaluating any terms and conditions made, but not limited to, those items that have been affected by the Order and set to be incorporated with this Order.

In accordance with the Court's directive, the Board of Appeals, on this 28th day of February, 2012, ORDERED:

The effective date of the Board's approval of the amended petition in this case be February 27, 2012, and

That the Board hereby amends Condition number 6 of the Board's Decision and Order dated October 20, 2011, to state: "Within 15 months of February 26, 2012, the approval date of this amended conditional use, the Petitioner shall install a buffer of Leyland cypress trees along the fence line facing Florence Road, west of the personal residence."

**ATTEST:**  
 HOWARD COUNTY BOARD OF APPEALS  
 ALVIN MUMFORD  
 Board Secretary

**APPROVED AS TO FORM:**  
 HOWARD COUNTY OFFICE OF LAW  
 MARGARET ANN NEAL  
 COUNTY SOLICITOR

**APPROVED AS TO MERIT:**  
 HOWARD COUNTY BOARD OF APPEALS  
 BRUCE D. BURTON  
 Board Secretary

Based upon the foregoing, it is the Board's Order of February 26, 2012, by the Howard County Board of Appeals, ORDERED:

That the amended petition of Wesley and Rebecca Jenson, vs Arrowwood Shepherds, Inc., conditions, to alter a previously approved Conditional Use for a dog kennel and pet grooming establishment in an RC-DEO (Great Conservation - Dually Endangered) Optional Zoning District is hereby GRANTED, subject to the following conditions:

- The conditional use shall be limited to (1) dog training activities previously approved under the Conditional Use; (2) parking related to the dog training activities; and (3) the housing of the Petitioner's personal pet (P dog), as described in the amended petition and conditional use as submitted to the Board on June 29, 2010 as Applicant's Exhibit #1, and not to any other activities, uses, or structures on the Property.
- No more than 10 dogs (exclusive of the Petitioner's personal pet) shall be kept on the Property for dog training purposes at any given time Monday through Friday.
- No more than 15 dogs (exclusive of the Petitioner's personal pet) shall be kept on the Property for dog training purposes at any given time Saturday through Sunday.
- No dog training activities shall occur on the Property between the hours of sunset and 9:00 a.m.
- No outdoor lighting shall be installed and no sound amplification devices shall be used in connection with dog training activities on the Property.
- Within 15 months of the approval date of this amended conditional use, the Petitioner shall install a buffer of Leyland cypress trees along the fence line facing Florence Road, west of the personal residence.

The Conditional Use, as amended, shall be pursuant to Wesley and Rebecca Jenson and shall expire immediately in the event either Wesley Jenson and/or Rebecca Jenson does not occupy the Property as their/her own personal residence.

1. Neither the garage nor the rear yard of the house may be used for activities under this conditional use.

2. The Petitioner shall comply with all applicable Federal, State, and County laws and regulations.

**ATTEST:**  
 HOWARD COUNTY BOARD OF APPEALS  
 ALVIN MUMFORD  
 Board Secretary

**PREPARED BY:**  
 HOWARD COUNTY OFFICE OF LAW  
 BARBARA M. COOK  
 COUNTY SOLICITOR

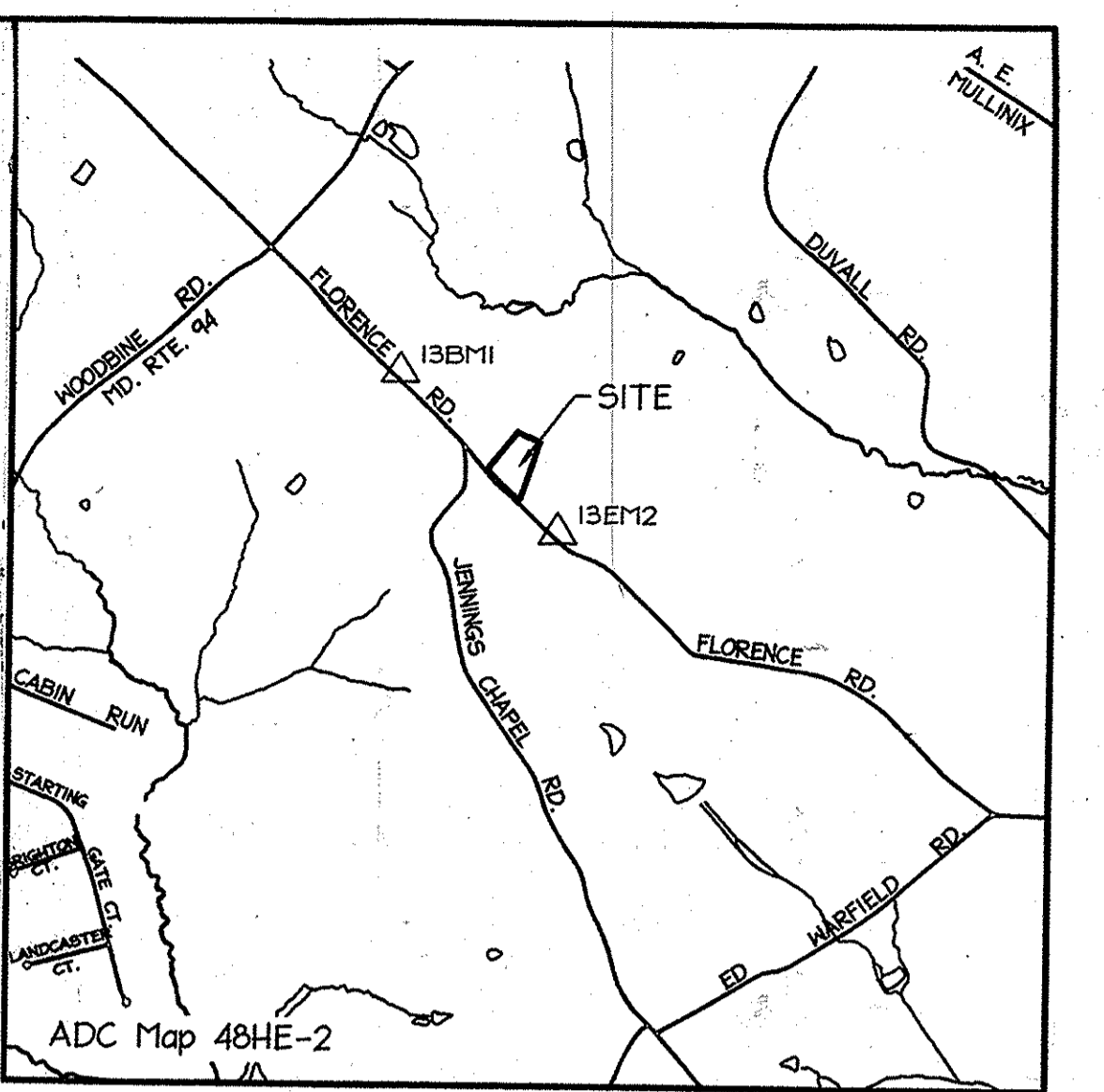
**BA 13-027C**  
 Section 13.3.4.6 Petitioner to Notify Condition of Approval on BA 09-030C  
 Wesley and Rebecca Jenson, vs Arrowwood Shepherds  
 ORDER

Based upon the foregoing, it is the Board's Order of May 23, 2012, by the Howard County Board of Appeals, HEARING EXAMINER, ORDERED:

That condition no. 7 of the Board of Appeals decision and order in BA 09-030C is MODIFIED to read as follows:

7. The Conditional Use, as amended hereafter, shall be pursuant to Wesley Jenson and shall expire immediately in the event Wesley Jenson does not occupy the Property as his personal residence.

**HOWARD COUNTY BOARD OF APPEALS**  
 HEARING EXAMINER  
 WESLEY L. JENSON



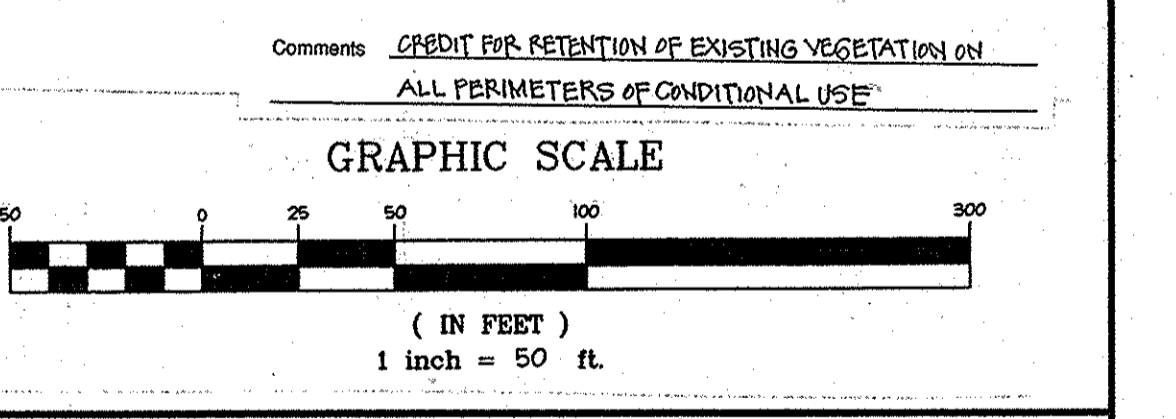
**LEGEND (FOR ALL SHEETS)**

MINOR CONTOUR (2' INTERVAL)  
 MAJOR CONTOUR (10' INTERVAL)  
 PROP. CONTOUR  
 EXISTING TREELINE (TO REMAIN) + 50'  
 PROP. SPOT ELEVATION  
 LIMIT OF DISTURBANCE  
 EXISTING ROAD PAVEMENT  
 PRIVATE FOREST CONSERVATION EASEMENT  
 SILT FENCE  
 USDA SOIL LINE  
 NON TIDAL WETLAND LIFT  
 25' WETLAND BUFFER  
 STEEP SLOPED HILLS  
 PROPOSED PAVING  
 PRIVATE FOREST CONSERVATION EASEMENT  
 SCHEDULE A PERIMETER LANDSCAPE EDGE

**SCHEDULE A PERIMETER LANDSCAPE EDGE**

Landscaping Type	Linear Feet of Roadway Frontage/Perimeter	Area
Linear Feet of Roadway Frontage/Perimeter	1168 LF	
Credit for Existing Vegetation (Yes, No, Linear Feet) (Yes, No, Linear Feet) (Yes, No, Linear Feet) (Yes, No, Linear Feet) (Yes, No, Linear Feet)	1168 LF	
Number of Plants Required	0	
Number of Plants Provided	0	

Comments: CREDIT FOR RETENTION OF EXISTING VEGETATION ON ALL PERIMETERS OF CONDITIONAL USE



**ADDRESS CHART**

Lot No.	Street Address
PARCEL 137	3101 FLORENCE ROAD

Subdivision Name: JENSON PROPERTY Section: -- Lot No: PARCEL 137  
 Plat Ref: L. 8054 F. 561 Grid No: 9 Zoning: RC-DEO Tax Map No: 13 Election District: 4th Census Tract: 604002

**LDE Inc.**  
 Engineers • Surveyors • Planners  
 Historic Carriage House • 7520 Main Street • Suite 203 • Sykesville, Maryland • 21784  
 (410)795-6391 • (410)795-6392 • FAX(410)795-9540 • www.Landsurveyor.com

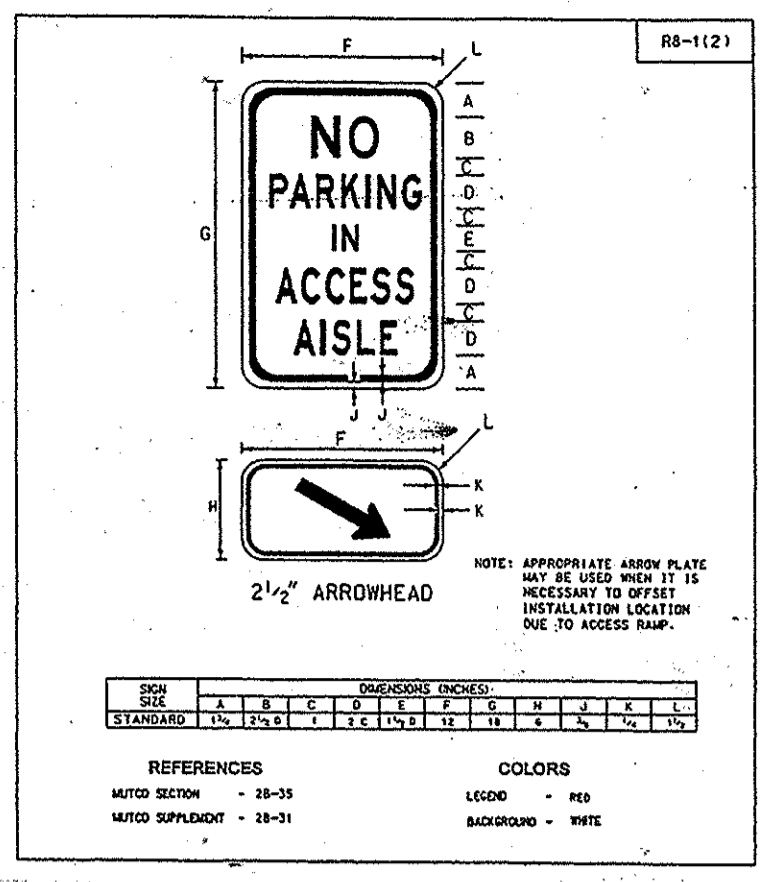
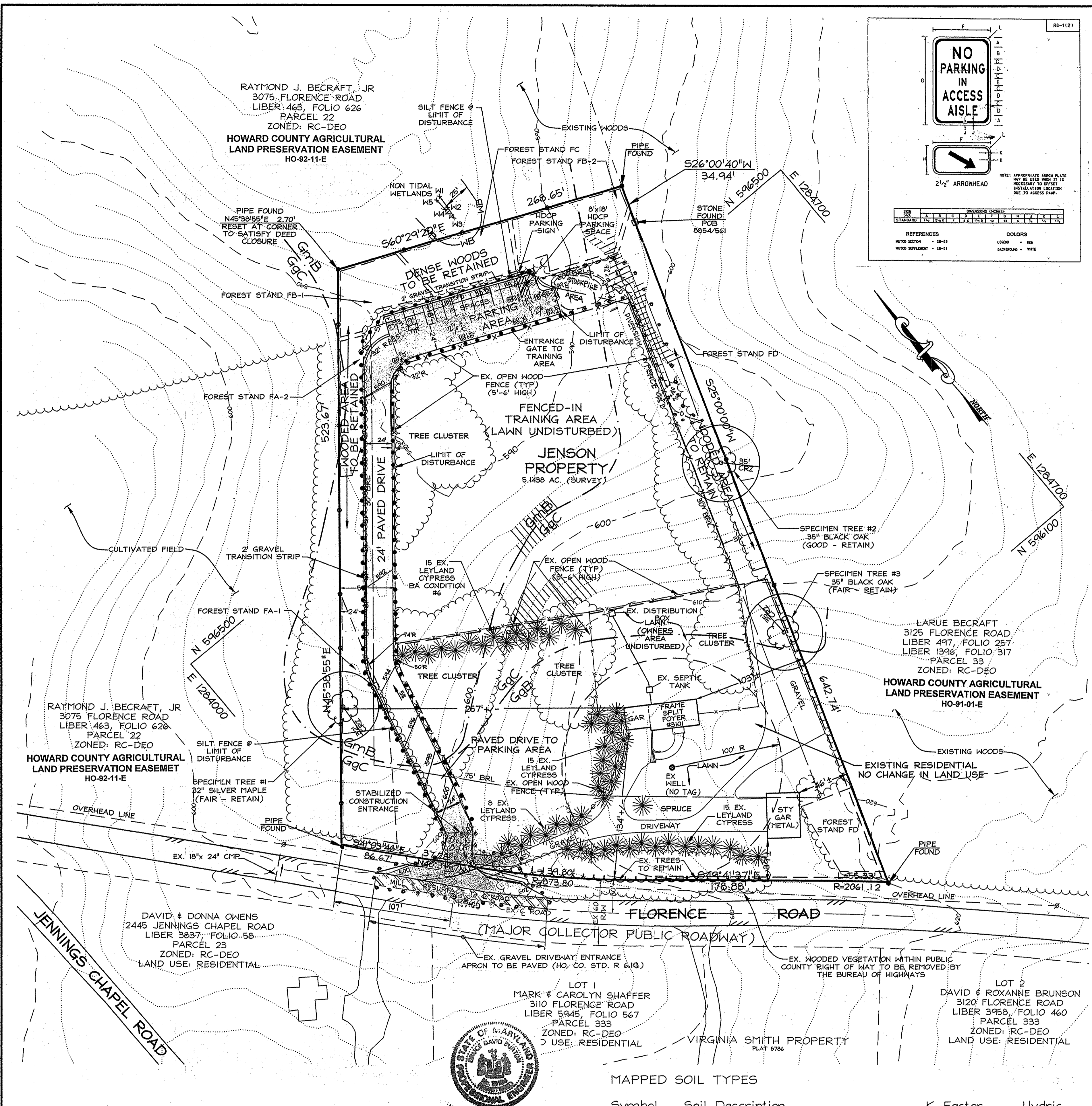
DESIGNED	SCALE
BDB	1"=50'

DRAWN	DRAWING
LDE	1 of 3

CHECKED	JOB NO.
BDB	09-200.07

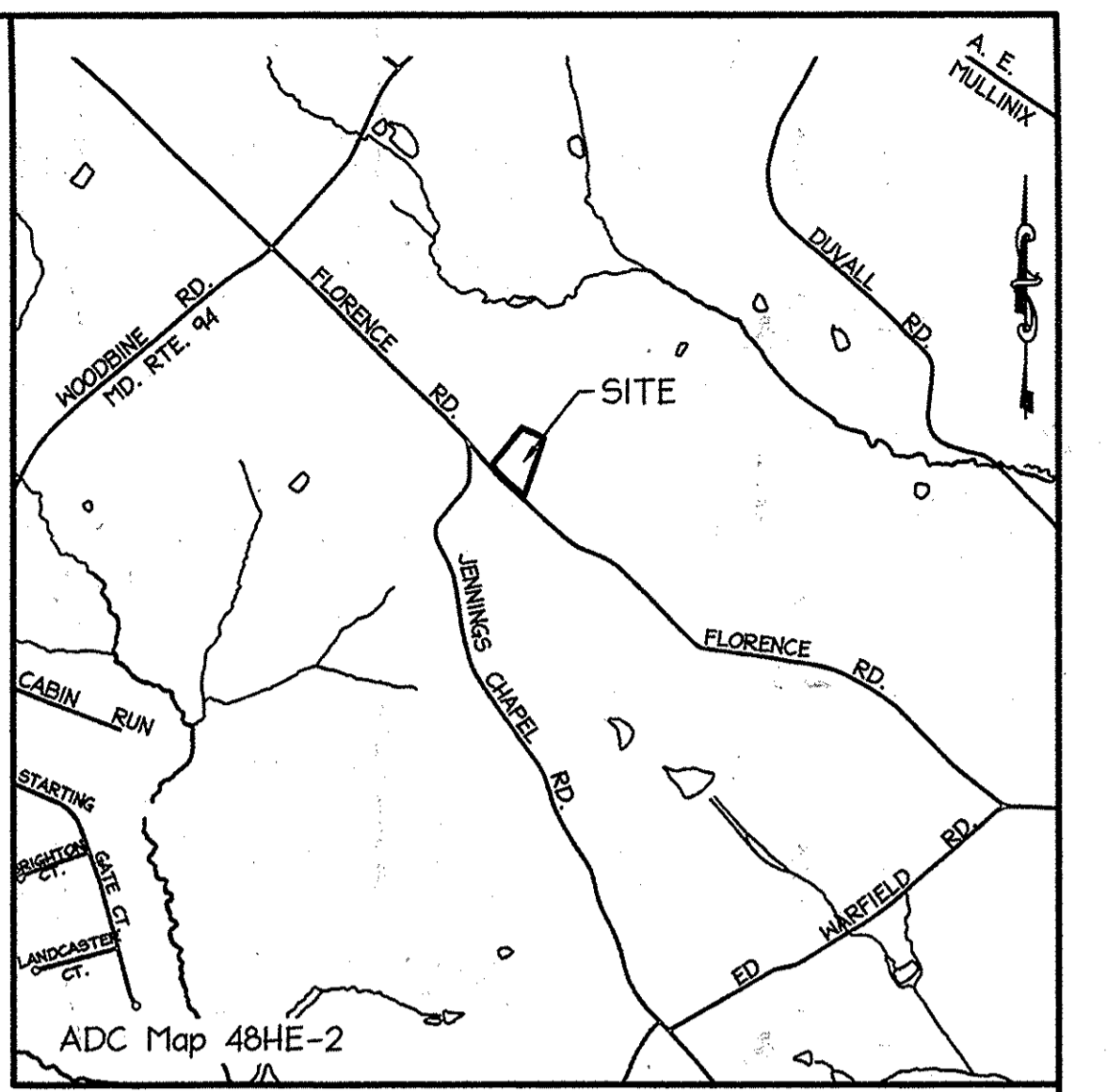
DATE	FILE NO.
6/2015	

Site Development Plan  
 ARROWWOOD SHEPHERDS, INC.  
 #3101 FLORENCE ROAD  
 JENSON PROPERTY  
 L. 8054 / F. 561  
 TAX MAP 13 GRID 9 PARCEL 137  
 4TH ELECTION DISTRICT HOWARD COUNTY MD  
 Previous Submittals: BA 09-030C, WP 12-167, BA 12-027C  
 OWNER: Wesley L. & Rebecca M. Jenson  
 3101 Florence Road  
 Woodbine, MD 21797-7832  
 410-804-2714



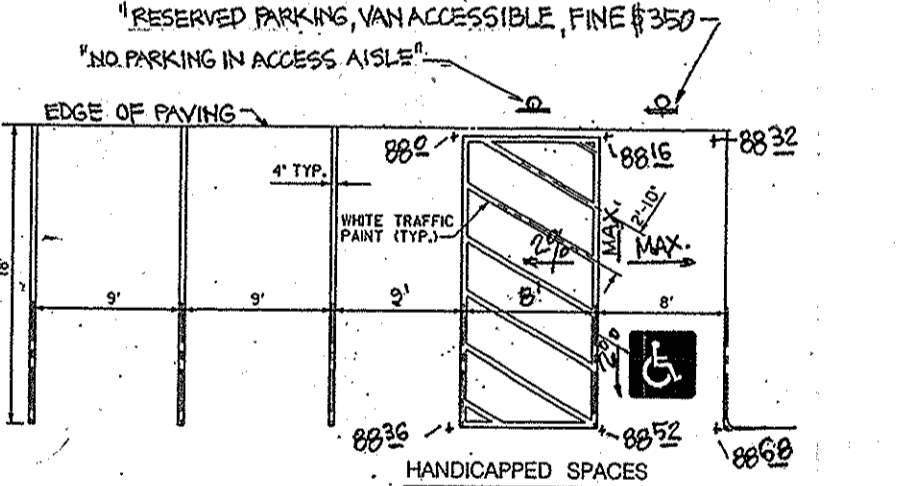
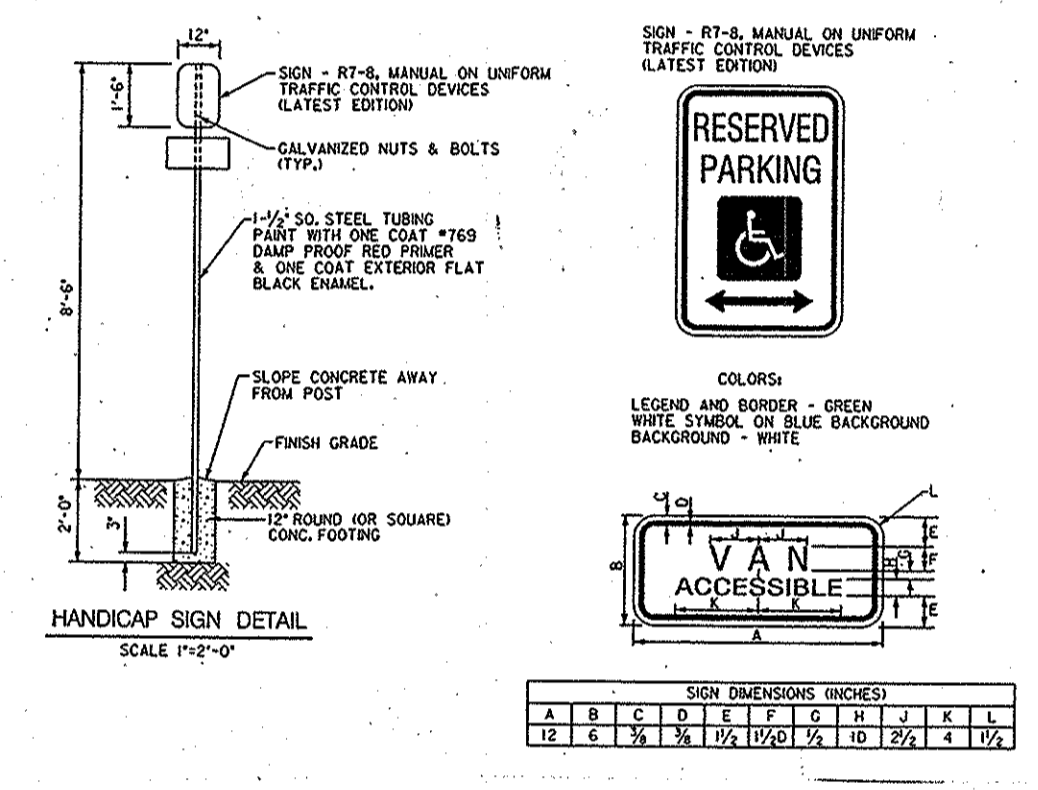
**GENERAL NOTES**

- a. Total Site Area: 5.14 Acre
- b. Total Forest Area: 0.90 Acre
  - Stand FA: 0.30 Acre
  - Sub-Stand FA-1: 0.23 Acre
  - Sub-Stand FA-2: 0.07 Acre
  - Stand FB: 0.25 Acre
  - Sub-Stand FB-1: 0.11 Acre
  - Sub-Stand FB-2: 0.14 Acre
  - Stand FC: 0.12 Acre
  - Stand FD: 0.23 Acre
- c. Total Floodplain Area: 0.00 Acre
- d. Forested Floodplain Area: 0.00 Acre
- e. No rare, threatened, or endangered species are known to exist on the property.
- f. No known historic structures are located on the property.
- g. Forest stand delineation field work conducted by Kenneth R. Wallis of Klebasco Environmental, LLC on September 17, 2012.
- h. Three (3) specimen trees exist on the property and their approximate locations are denoted on the plan.
- i. A formal wetland delineation in accordance with the 1987 Corps of Engineers' Wetland Delineation Manual and the Interim Regional Supplement to the Corps of Engineers' Wetland Delineation Manual: Eastern Mountains and Piedmont Region was performed by Kenneth R. Wallis of Klebasco Environmental, LLC on September 19, 2012. Although no jurisdictional waters of the U.S., including non-tidal wetlands, exist on the property. Non-tidal wetlands were identified just to the northwest of the property. The field located limits of the non-tidal wetlands are shown on the Forest Stand Delineation Plan.
- j. Watershed designation: Upper Patuxent 0213104



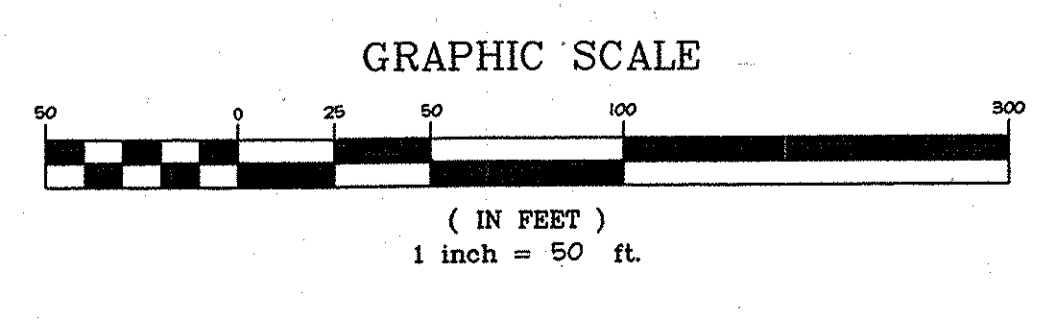
**SPECIMEN TREE LIST**

ID	Common Name	Species Name	DBH (inches)	Condition
1	silver maple	Acer saccharinum	32	Fair - dieback
2	black oak	Quercus velutina	35	Good
3	black oak	Quercus velutina	35	Fair - broken limbs



**LEGEND**

- MINOR CONTOUR - (2' INTERVAL)
- MAJOR CONTOUR - (10' INTERVAL)
- PROP. CONTOURS
- EXISTING TREELINE
- EXISTING TREELINE (TO REMAIN)
- PROP. SPOT ELEVATION
- LIMIT OF DISTURBANCE
- EXISTING ROAD PAVEMENT
- SILT FENCE
- USDA SOILS LINE
- NON TIDAL WETLAND LIMIT
- 25' WETLAND BUFFER
- STEEP SLOPES >15%
- PROPOSED PAVING



**VICINITY MAP**  
1" = 2000'

NET TRACT AREA:

A. Total tract area	0.44
B. Area within 100 year floodplain	0.00
C. Area to remain in agricultural production	0.00
D. Net tract area	0.44

LAND USE CATEGORY: (from table 3.2.1, page 40, Manual)

Input the number "1" under the appropriate land use zoning, and limit to only one entry.

ARA	MDR	IDA	HDR	MPD	CIA
0	0	1	0	0	0

EXISTING FOREST COVER:

G. Existing forest cover (excluding floodplain)	0.00
H. Area of forest above afforestation threshold	0.00
I. Area of forest above conservation threshold	0.00

BREAK EVEN POINT:

J. Forest retention above threshold with no mitigation	0.00
K. Clearing permitted without mitigation	0.00

PROPOSED FOREST CLEARING:

L. Total area of forest to be cleared	0.00
M. Total area of forest to be retained	0.00

PLANTING REQUIREMENTS:

N. Reforestation for clearing above conservation threshold	0.00
P. Reforestation for clearing below conservation threshold	0.00
Q. Credit for retention above conservation threshold	0.00
R. Total reforestation required	0.00
S. Total afforestation required	0.07
T. Total reforestation and afforestation required	0.07

The project complies with the requirements of Section 16.1200 of the Howard County Code for Forest Conservation by payment of a Fee-in-lieu of \$2,896.74 for 0.07 acres of Afforestation.

Plan prepared by:  
Klebasco Environmental, LLC  
8373 Piney Orchard Parkway, Suite 207  
Odenton, Maryland 21113  
Phone: (410) 672-5990  
Fax: (410) 672-5593

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 [Signature]  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 DATE: 7-27-15

**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 COUNTY FOREST CONSERVATION DISTRICT.  
 [Signature]  
 SIGNATURE OF ENGINEER  
 BRUCE D. BURTON, P.E. 19184  
 DATE: 6/5/15

**DEVELOPER'S CERTIFICATE**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS 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. 19184, EXPIRATION DATE: 6/30/15.  
 [Signature]  
 SIGNED: BRUCE D. BURTON  
 DATE: 6/5/15

**DEVELOPER'S CERTIFICATE**  
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL AND THAT ALL 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 INSPECTIONS BY THE HOWARD COUNTY FOREST CONSERVATION DISTRICT.  
 [Signature]  
 SIGNATURE OF DEVELOPER  
 WELLEY, JENSON  
 DATE: 6/25/15

**MAPPED SOIL TYPES**

Symbol	Soil Description	K-Factor	Hydric
GgB	Glenelg Loam, 3-8% slopes	0.20	No
GgC	Glenelg Loam, 8-15% slopes	0.20	No
GmB	Glenville Silt Loam, 3-8% slopes	0.37	Partially

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DESIGNED	BDB	SCALE	1"=50'
DRAWN	LDE	DRAWING	2 of 3
CHECKED	BDB	JOB NO.	09-200.07
DATE	6/2015	FILE NO.	

**FORREST STAND DELINEATION PLAN**  
**ARROWWOOD SHEPHERDS, INC.**  
 #3101 FLORENCE ROAD  
 JENSON PROPERTY  
 L. 8854 / F. 561

TAX MAP 13 GRID 9 PARCEL 137  
 4TH ELECTION DISTRICT HOWARD COUNTY MD  
 Previous Submittals: BA 09-030C, WP 12-167, BA 12-027C  
 OWNER/PETITIONER: Wesley L. & Rebecca M. Jensen  
 3101 Florence Road  
 Woodbine, MD 21797-7832  
 410-804-2714

### HOWARD SOIL CONSERVATION DISTRICT STANDARD SEDIMENT CONTROL NOTES

**SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS**  
**Definition:** The process of preparing the soil to attain adequate vegetative establishment.  
**Purpose:** To provide a suitable soil medium for vegetative growth.  
**Conditions Where Practice Applies:** Where vegetative establishment is to be established.

1. A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (910-1005).
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. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within:
  - a) 5 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 2:1.
  - b) 7 days as to all other disturbed or graded areas on the project site.
4. All disturbed areas must be stabilized within the time period specified above in accordance with the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL permanent seeding (Section 2-4-5), temporary seeding (Section 2-4-4), and mulching (Section 2-4-3). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
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	5.14	Acres
Area to be roofed or paved	0.44	Acres
Area to be vegetatively stabilized	15.0	Cu. Yds.
Total Cut	130	Cu. Yds.
Total Fill	130	Cu. Yds.

### TEMPORARY SEEDING NOTES

1. Topsoil to be placed over prepared subsoil prior to establishment of permanent vegetation. The purpose is to provide a suitable soil medium for vegetative growth. Topsoil must be placed over prepared subsoil, low nutrient levels, low pH, materials toxic to plants, and unacceptable soil gradation.
2. Topsoil salvaged from an existing site may be used provided it meets the standards as set forth in these specifications. Topsoil may be salvaged from a site where it has been previously used in the same application. Topsoil shall be salvaged from a site where it has been previously used in the same application. Topsoil shall be salvaged from a site where it has been previously used in the same application.
3. Topsoil in limited areas having 2:1 or flatter slopes where:
  - a. The texture of the subsoil material is not adequate to produce vegetative growth.
  - b. The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish controlling supplies of moisture and nutrients.
  - c. The original soil is to be vegetated on a similar soil type.
  - d. The soil is so acidic that treatment with lime is not feasible.
  - e. The soil is so saline that treatment with lime is not feasible.
4. Areas having slopes steeper than 2:1 require special consideration and design.
5. Topsoil Specifications: Soil to be used as topsoil must meet the following criteria:
  - a. Topsoil must be a loam, sandy loam, clay loam, silty clay loam, or heavy sand. Other soils may be used if recommended by an approved soil scientist and approved by the appropriate approval authority. Topsoil must be a minimum of 6 inches deep and contain no more than 5 percent by volume of stones, clumps, sticks, roots, twigs, or other materials larger than 1/4 inch in diameter.
  - b. Topsoil must be free of noxious plants or plant parts such as Bromus grass, quack grass, Johnson grass, and other weeds, or other noxious plants.
  - c. Topsoil submitted for review must be accompanied by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of material report.
6. Topsoil Application:
  - a. Erosion and sediment control practices must be maintained when applying topsoil.
  - b. Uniformly distribute topsoil in a 4 to 8 inch layer and lightly compact to a minimum thickness of 4 inches. Care must be taken to ensure that topsoil is applied uniformly and compacted with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations must be corrected in order to prevent the accumulation of depressions or water pockets.
  - c. Topsoil must not be placed if the topsoil or subsoil is in a firm or muddy condition, when the subsoil is extremely wet or in a condition that may otherwise be detrimental to proper germination and seed establishment.

No.	Species	Application Rate (lb/cv)	Seeding Depth	Seeding Rate (lb/cv)	Seeding Depth	Line Rate
1	Annual Ryegrass (Lolium Perenne ssp. multiflorum)	40	3/4" - 5/16"	10/15	0.5"	2 tons/cv (40 lb/1000 sq ft)

### SOIL AMENDMENTS (Fertilizer and Lime Specifications)

1. Soil tests must be performed to determine the correct rates and application rates for both lime and fertilizer on areas having disturbed areas of 5 acres or more. Soil analysis may be performed by a registered private or commercial laboratory. Soil samples taken for engineering purposes may also be used for chemical analysis.
2. Fertilizer must be uniform in composition, free flowing and suitable for accurate application by appropriate equipment. Fertilizer may be applied for fertilizer with prior approval from the appropriate approval authority. Fertilizers must all be delivered to the site fully labeled according to applicable laws and must bear the name, trade name and trademark of the manufacturer.
3. Lime must not be ground limestone (hydrated or burnt lime) but shall be submicronized or micronized. Limestone must be ground to the equivalent of 100 mesh and must pass through a #100 mesh sieve (2.0 mm) and must be applied at a rate of 2 tons per acre (90 lb. per 1000 sq ft).
4. Lime and fertilizer are to be evenly distributed and incorporated into the top 3 to 5 inches of soil by tilling or other suitable means.
5. When the subsoil is either highly acidic or composed of heavy clays, spread ground limestone at the rate of 4 to 8 tons per acre (90-180 tons per acre) prior to the placement of topsoil.

### PERMANENT SEEDING NOTES

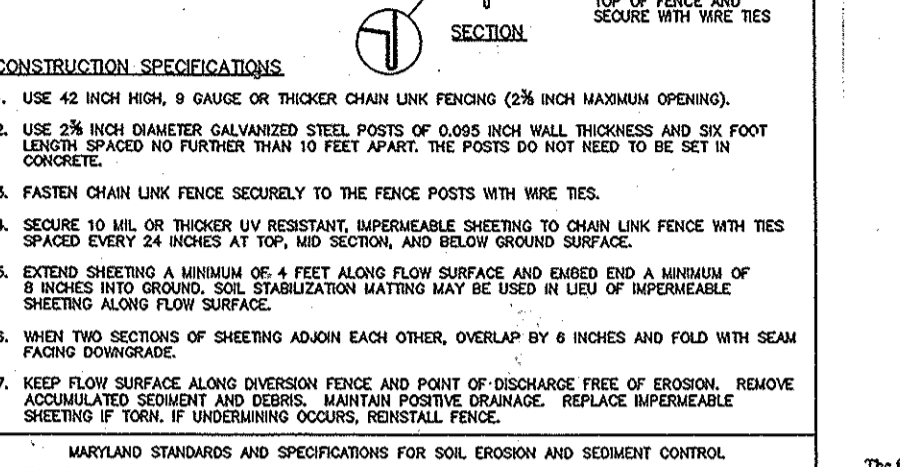
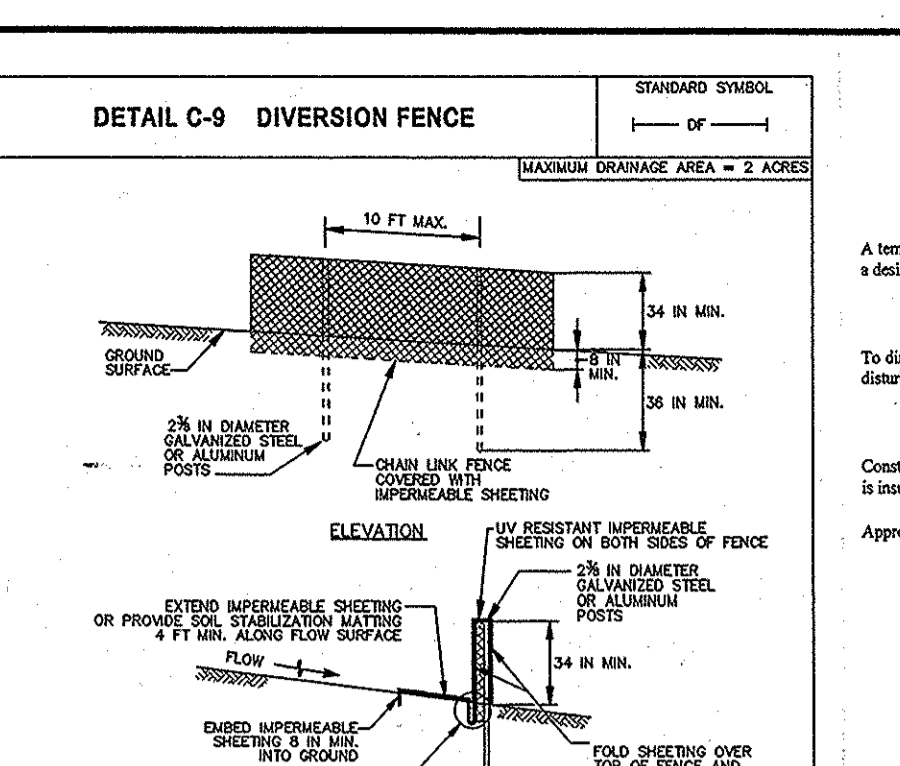
1. Seeding permanent, long lived vegetative cover on graded and/or cleared areas and areas that have been temporarily stabilized for more than 6 months.
2. Standards: The following notes shall conform to Section 2-4 of the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL published jointly by the Maryland Department of Environment - Water Management Administration, the National Resource Conservation Service and the Maryland Association of Soil Conservation Districts.
3. 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 2-4-2.
4. 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 that must meet the requirements of sections 2-4-2(a)-(c), otherwise soil amendments or topsoil will need to be applied. Topsoiling may occur when soil conditions meet the minimum requirements as stated in section 2-4-2(b). Soil amendments must meet the requirements as set forth in section 2-4-2(c) and must be applied as indicated by the site tests.
5. Fertilizer shall consist of a minimum of the following fertilizer and lime rates shall apply:
 

N	45 lb. per acre (2 lb. per 1000 sq ft)	P <sub>2</sub> O <sub>5</sub>	90 lb/cv (90 lb/1000 sq ft)	K <sub>2</sub> O	90 lb/cv (90 lb/1000 sq ft)
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6. Lime shall be applied at a rate of 2 tons per acre (90 lb. per 1000 sq ft).
7. Seed type, maturity and soil application shall meet the requirements in section 2-4-5. Seed shall be applied in the application with the requirements in section 2-4-3, a, b, and c, and will be applied along with seed or immediately after seeding.
8. Seeding mixtures shall be selected from or will be equal to those on Table B.1 (page B.10). The seeding chart below will need to be placed on and filled in on the sediment control plan.

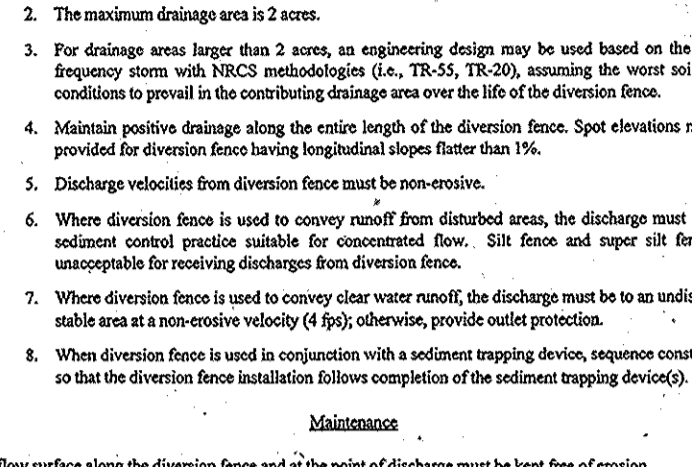
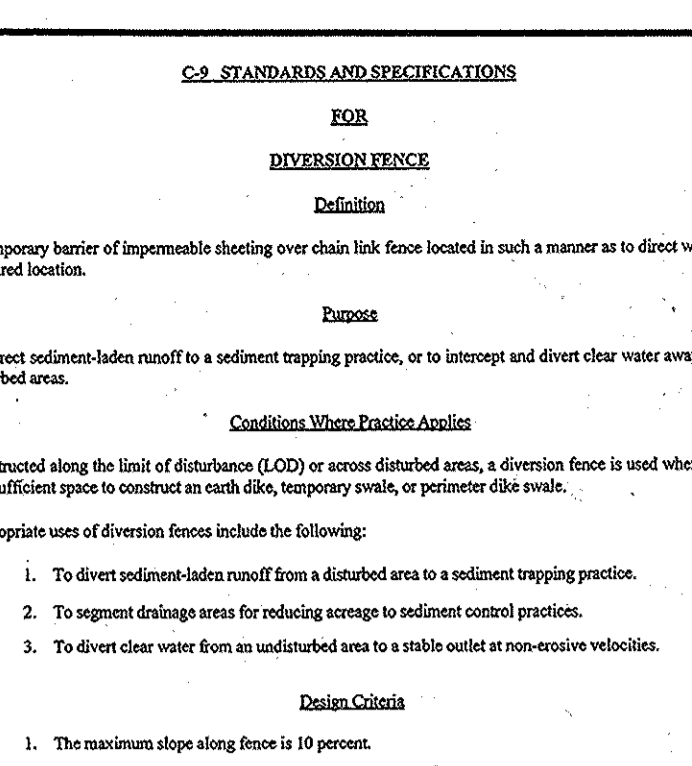
No.	Species	Application Rate (lb/cv)	Seeding Depth	Seeding Rate (lb/cv)	Seeding Depth	Line Rate
7	Croeping Red Fescue (Festuca Rubra)	60	3/4" - 5/16"	14-12	0.5"	2 tons/cv (40 lb/1000 sq ft)
8	Kentucky Bluegrass (Poa Pratensis)	15	3/4" - 5/16"	14-12	0.5"	2 tons/cv (40 lb/1000 sq ft)

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 DATE: 7-27-15

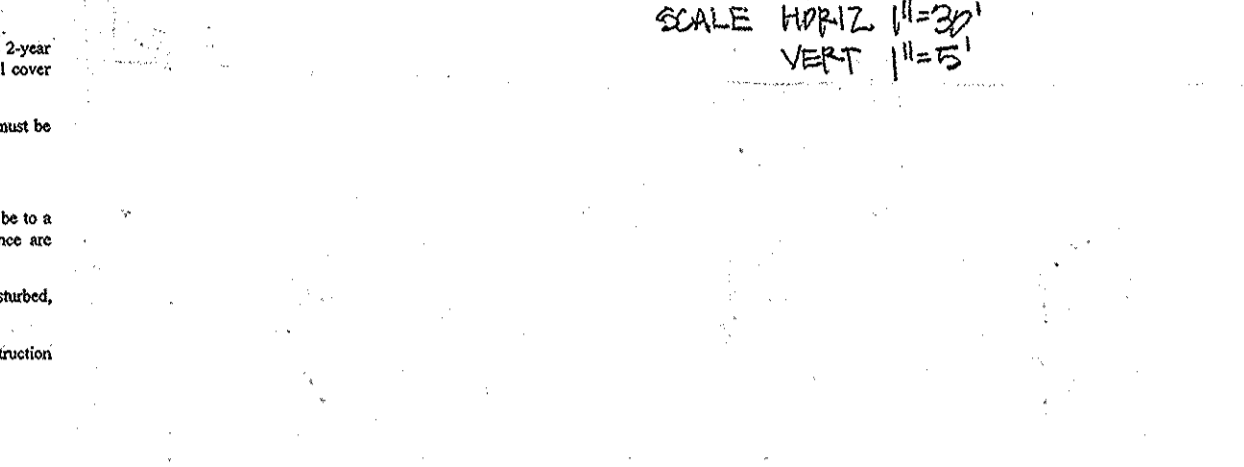
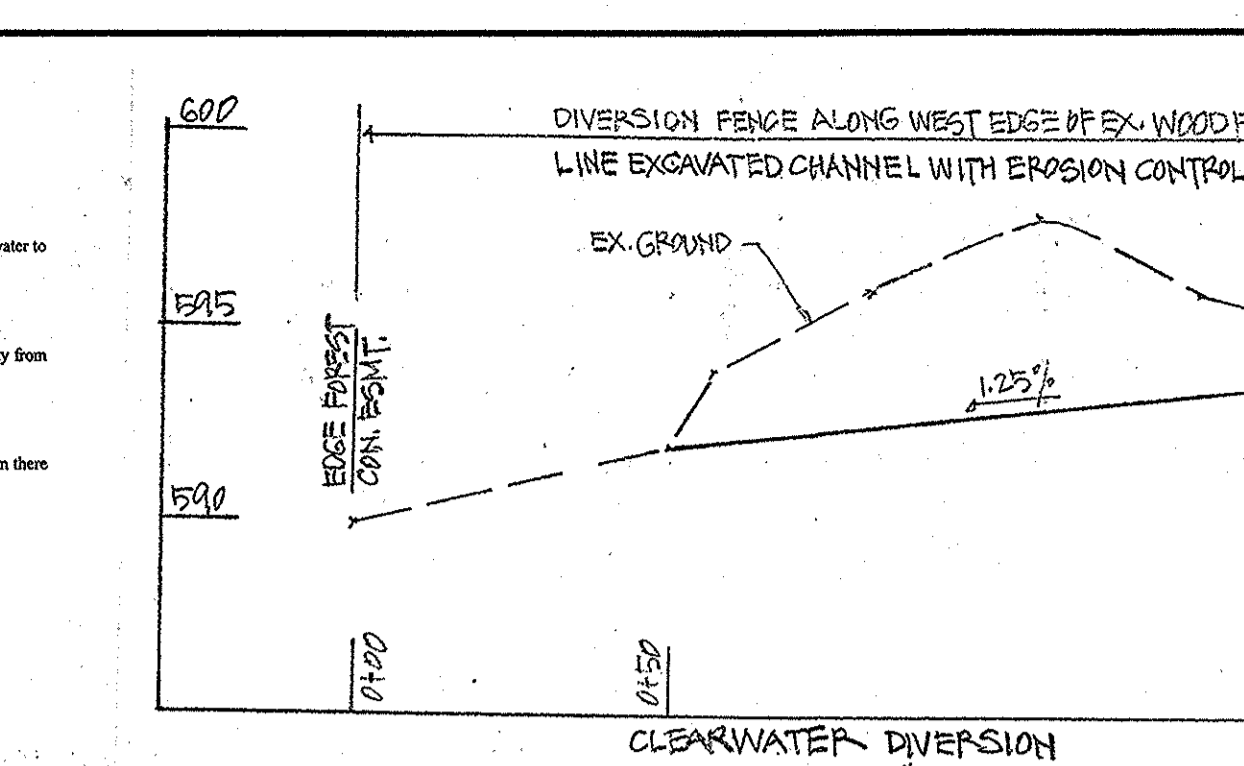
CHIEF, DIVISION OF LAND DEVELOPMENT  
 DATE: 8-12-15  
 PLANNING DIRECTOR  
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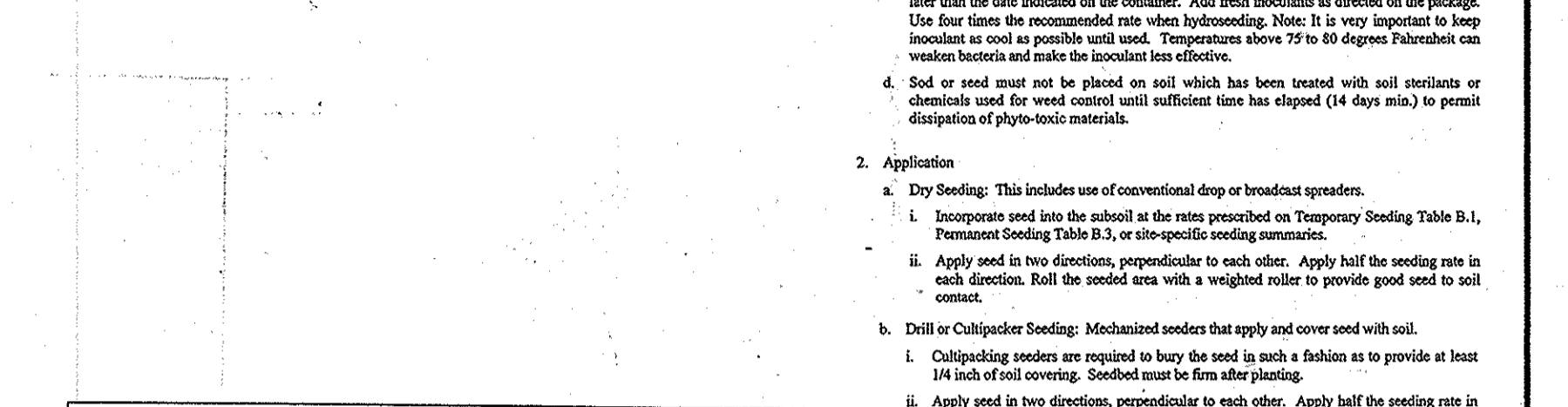
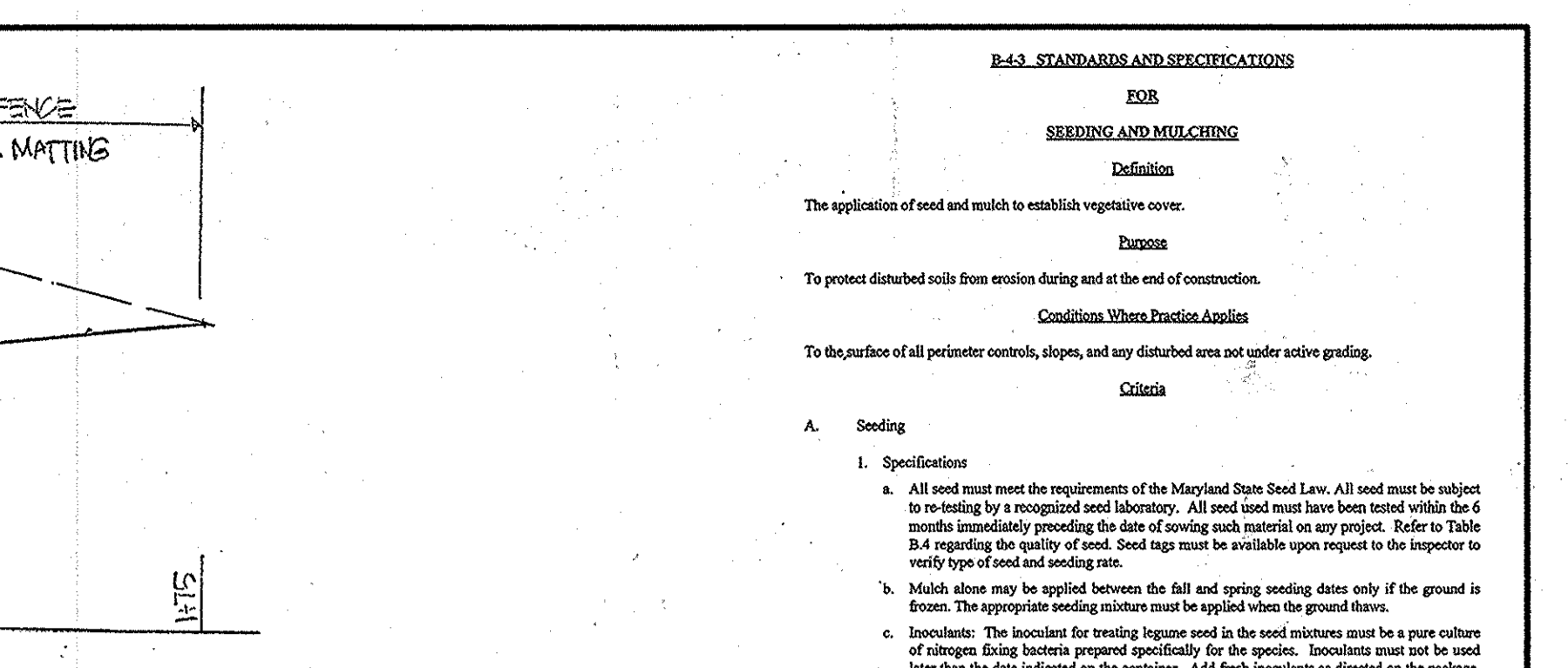
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4. SECURE TOP RAIL OF CHAIN LINK FENCING, APPLICABLE SHEETING TO CHAIN LINK FENCE WITH THIS SPACING EVERY 24 INCHES AT TOP AND BOTTOM AND ALONG GROUND SURFACE.
5. EXTEND SHEETING A MINIMUM OF 4 FEET ALONG FLOW SURFACE AND GIBBS END A MINIMUM OF 3 FEET INTO DISTURBED AREA. STABILIZATION MATING MAY BE USED IN PLACE OF APPLICABLE SHEETING ALONG FLOW SURFACE.
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2. USE 36 INCH MINIMUM POSTS DEIVEN 18 INCH MINIMUM INTO MORE THAN 6 FEET APT.
3. USE 36 INCH MINIMUM POSTS DEIVEN 18 INCH MINIMUM INTO MORE THAN 6 FEET APT.
4. FASTEN WOVEN SILT FENCE GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS. SECURELY TO THE SECTIONS OF CHAIN LINK FENCING WITH THIS SPACING EVERY 24 INCHES AT THE TOP AND MID SECTION. EROSION GEOTEXTILE AND CHAIN LINK FENCE IS A MINIMUM OF 6 INCHES INTO THE GROUND.
5. WHEN TWO SECTIONS OF GEOTEXTILE ADJACENT EACH OTHER, OVERLAP, TWIST, AND TIGHTEN TO POST IN ACCORDANCE WITH THIS DETAIL.
6. EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
7. REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM SILT FENCE OR WHEN SEDIMENT REACHES 2 INCH FENCE HEIGHT, REPLACE GEOTEXTILE IF FOUND. IF UNDERDRAINING OCCURS, REINSTATE FENCE.

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