



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: 10/4/13

Permit No.: B13003733

Building Address: 8116 Holly Manor Way
 City: Fulton State: md Zip Code: 20759
 Suite/Apt. # — SDP/WP/BA #: BP-14-013
 Census Tract: 605102 Subdivision: Holly Manor Meadows
 Section: Phase 2 Area: — Lot: 6
 Tax Map: 45 Parcel: 24 Grid: 6
 Zoning: RR-DEO Map Coordinates: S051 R6 Lot Size: 1.04

Existing Use: Empty lot
 Proposed Use: new single family home
 Estimated Construction Cost: \$ 300,000
 Description of Work: To build new single family home with finished basement and integral garage
 Occupant or Tenant: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: Carrigan Homes
 Address: 9812 Caitlins Ct.
 City: Ellicott City State: md Zip Code: 21042
 Phone: 410-977-8927 Fax: _____
 Email: Carriganhomes@comcast.net

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Contractor Company: Carrigan Homes Inc.
 Contact Person: Owen Kelly
 Address: 9812 Caitlins Ct.
 City: Ellicott City State: md Zip Code: 21042
 License No.: 1358
 Phone: 410-977-8927 Fax: _____
 Email: Carriganhomes@comcast.net

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor:	2 nd floor:
Area of construction (sq. ft.):	Basement:	
Use group:	<input checked="" type="checkbox"/> Finished Basement	
	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
	<input type="checkbox"/> Slab on Grade	
Construction type:	No. of Bedrooms: <u>4</u>	
<input type="checkbox"/> Reinforced Concrete	<u>Multi-family Dwelling</u>	
<input type="checkbox"/> Structural Steel	No. of efficiency units:	
<input type="checkbox"/> Masonry	No. of 1 BR units:	
<input type="checkbox"/> Wood Frame	No. of 2 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings: <u>Concrete</u>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof: <u>Asphalt Shingle</u>	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input checked="" type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number: <u>G13000328</u>	
Building Shell Permit Number: _____	

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 HOWARD COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Owen Kelly Print Name: Owen Kelly
 Email Address: Carriganhomes@comcast.net Date: 10-4-13
 Title/Company: Pres/Carrigan Homes

RECEIVED
 OCT 04 2013
 LICENSES & PERMITS DIVISION

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

AGENCY	DATE	SIGNATURE OF APPROVAL
<input checked="" type="checkbox"/> State Highways		
<input checked="" type="checkbox"/> Building Officials		
<input checked="" type="checkbox"/> PSZA (Zoning)		
<input checked="" type="checkbox"/> PSZA (Engineering)		
<input checked="" type="checkbox"/> Health		<u>Debra Bernard</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone: _____
SDP/Red-line approval date: _____

Filing Fee	\$ 100.00
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ 50.00
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	# 3934

B-4.5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

Definition:
Stabilize disturbed soils with permanent vegetation.

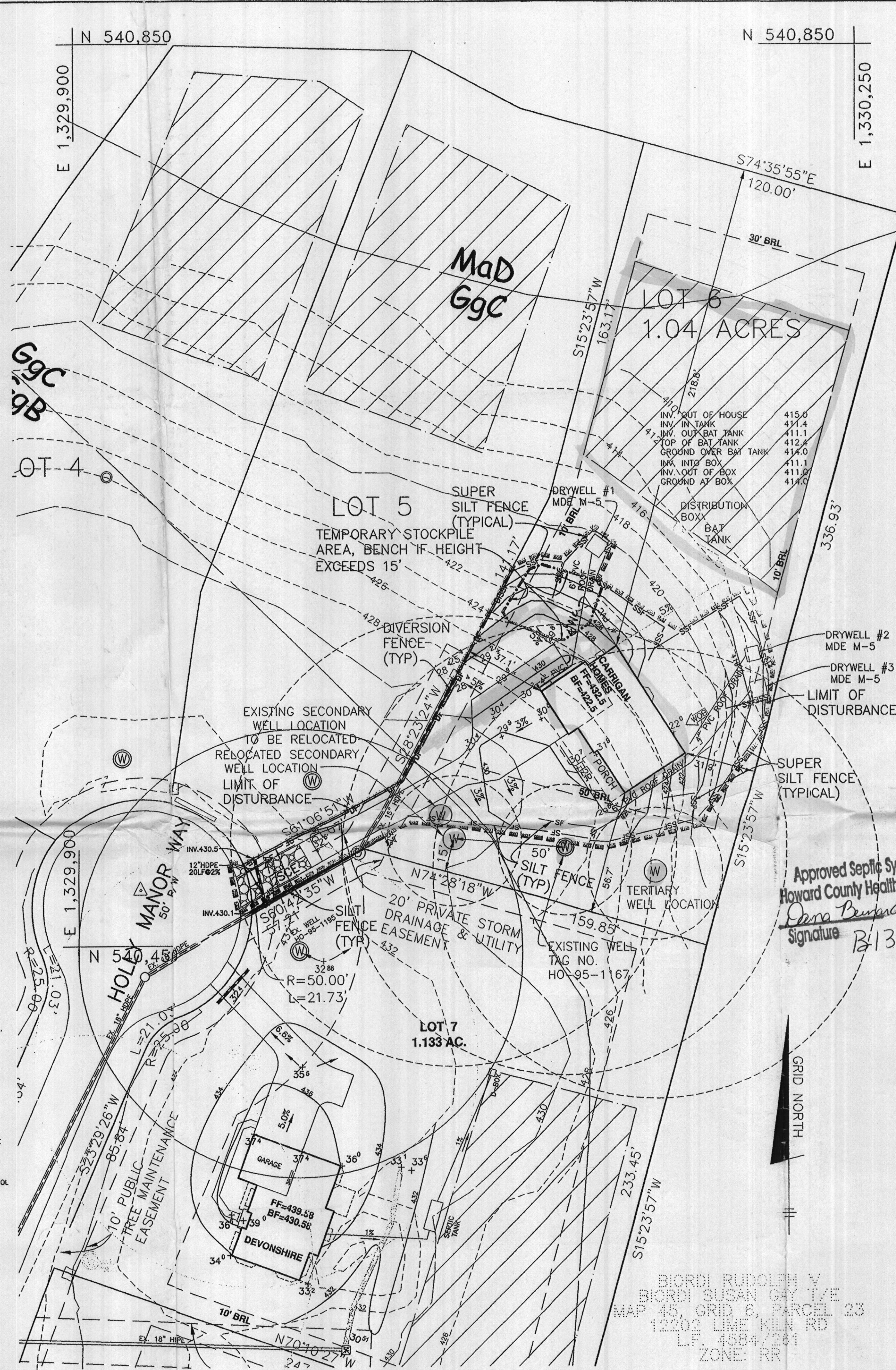
Purpose:
Use long-lived perennial grasses and legumes to establish permanent ground cover on disturbed soils.

Conditions Where Practice Applies:
Disturbed soils where ground cover is needed for 6 months or more.

Criteria:

Seed Mixtures:
General Use:
a. Select one or more of the species or mixtures listed in Table B.3 for the appropriate Plant Hardiness Zone (from Figure B.3) and based on the site condition or purpose found on Table B.2. Enter selected mixture(s), application rates, and seeding dates in the Permanent Seeding Summary. The Summary is to be placed on the plan.
b. Additional planting specifications for exceptional sites such as shorelines, stream banks, or dunes or for special purposes such as wildlife or aesthetic treatment may be found in USDA-NRCS Technical Field Office Guide, Section 342 - Critical Area Planting.
c. For sites having disturbed areas over 5 acres, use and show the rates recommended by the soil testing agency.
d. For areas receiving low maintenance, apply urea form fertilizer (46-0-0) at 3 1/2 pounds per 1000 square feet (150 pounds per acre) at the time of seeding in addition to the soil amendments shown in the Permanent Seeding Summary.

Turfgrass Mixtures:
a. Areas where turfgrass may be desired include lawns, parks, playgrounds, and commercial sites which will receive a medium to high level of maintenance.
b. Select one or more of the species or mixtures listed below based on the site conditions or purpose. Enter selected mixture(s), application rates, and seeding dates in the Permanent Seeding Summary. The summary is to be placed on the plan.
i. Kentucky Bluegrass: Full Sun Mixture: For use in areas that receive intensive management. Certified Kentucky Bluegrass Cultivars Seeding Rate: 1.5 to 2.0 pounds per 1000 square feet. Choose a minimum of three Kentucky Bluegrass Cultivars with each ranging from 10 to 35 percent of the total mixture by weight.
ii. Kentucky Bluegrass/Perennial Ryegrass: Full Sun Mixture: For use in full sun areas where rapid establishment is necessary and when turf will receive medium to intensive management. Certified Kentucky Bluegrass Cultivars Seeding Rate: 2 pounds mixture per 1000 square feet. Choose a minimum of three Kentucky Bluegrass Cultivars with each ranging from 10 to 35 percent of the total mixture by weight.
iii. Tall Fescue/Kentucky Bluegrass: Full Sun Mixture: For use in drought prone areas and/or for areas receiving low to medium management in full sun to medium shade. Recommended mixture includes: Certified Tall Fescue Cultivars 95 to 100 percent, Certified Kentucky Bluegrass Cultivars 0 to 5 percent. Seeding Rate: 4 to 6 pounds per 1000 square feet. One or more cultivars may be blended.
iv. Kentucky Bluegrass/Tall Fescue: Shade Mixture: For use in areas with shade in Bluegrass lawns. For establishment in high quality, intensively managed turf area. Mixture includes Certified Kentucky Bluegrass Cultivars 50 to 40 percent and Certified Pine Fescue and 60 to 70 percent. Seeding Rate: 1 1/2 to 3 pounds per 1000 square feet.
Notes: Select turfgrass varieties from those listed in the most current University of Maryland Publication, Agronomy Memo #77, "Turfgrass Cultivar Recommendations for Maryland" Choose certified material. Certified material is the best guarantee of cultivar purity. The certification program of the Maryland Department of Agriculture, Turf and Seed Section, provides a reliable means of consumer protection and assures a pure genetic line.
c. Ideal Times of Seeding for Turf Grass Mixtures
Western MD: March 15 to June 1, August 1 to October 1 (Hardiness Zones: 5b, 6a)
Central MD: March 1 to May 15, August 15 to October 15 (Hardiness Zones: 6b)
Southern MD, Eastern Shore: March 1 to May 15, August 15 to October 15 (Hardiness Zones: 7a, 7b)



SOILS LEGEND

MBOL TYPE	NAME
GgB	GLENELO LOAM, 3 TO 8 PERCENT SLOPES
GgC	GLENELO LOAM, 8 TO 15 PERCENT SLOPES
MaD	MANOR LOAM, 15 TO 25 PERCENT SLOPES

INDICATES HYDRIC SOILS
 TAKEN FROM WEB SOIL SURVEY, HOWARD COUNTY, MARYLAND (WEB SITE VISITED 9/13/13)

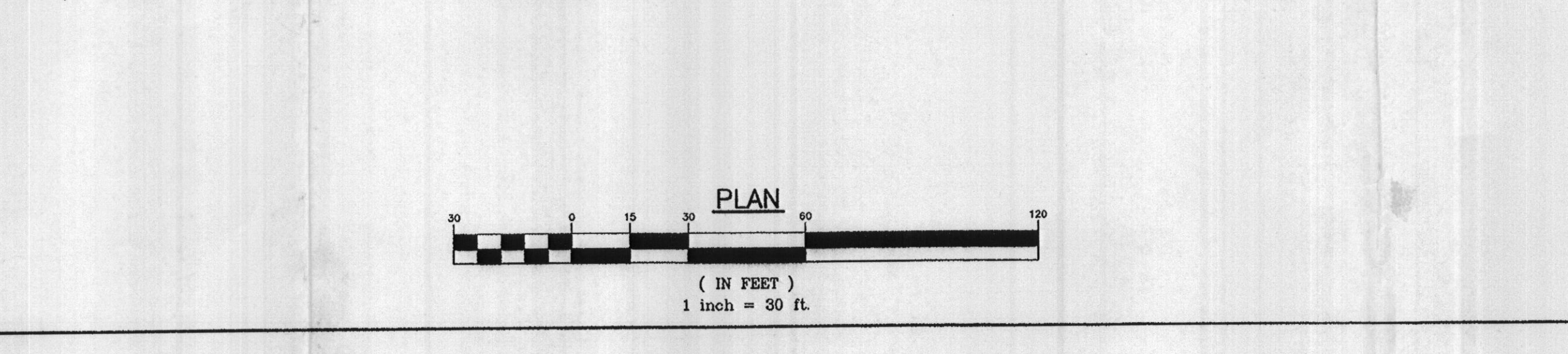
ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY CONSERVATION DISTRICT.

DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE 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 COUNTY CONSERVATION DISTRICT."

ENGINEER - BRUN F. CLEARY, P.E., 28559 DATE: 9/16/2013

BUILDER - DWYER KELLY, CARRIGAN HOMES DATE: 9-16-13

HOWARD SCD DATE: 10/1/13



SITE_ZONE/PLANTING_DATES

Table B.3: Recommended Planting Dates for Permanent Cover in Maryland

Type of Plant Material	Plant Hardiness Zones		
	5b and 6a	6b	7a and 7b
Seeds - Cool-Season Grasses (includes mixes with forbs and/or legumes)	Mar 15 to May 31 Aug 1 to Sep 30	Mar 1 to May 15 Aug 1 to Oct 15	Feb 15 to Apr 30 Aug 15 to Oct 31 Nov 1 to Nov 30+
Seeds - Warm-Season/Cool-Season Grass Mixes (includes mixes with forbs and/or legumes)	Mar 15 to May 31 Jun 1 to Jun 15*	Mar 1 to May 15** May 16 to Jun 15*	Feb 15 to Apr 30** May 1 to May 31*
Sod - Cool-Season	Mar 15 to May 31 Jun 1 to Sep 14* Sep 1 to Nov 14*	Mar 1 to May 15 Sep 15 to Nov 15**	Feb 15 to Apr 30 May 1 to Sep 30* Oct 1 to Dec 14*
Unrooted Woody Materials; Bare-Root Plants; Bulbs, Rhizomes, Corms, and Tubers	Mar 15 to May 31 Jun 1 to Jun 30*	Mar 1 to May 15 May 16 to Jun 15*	Feb 15 to Apr 30 May 1 to Jun 30*
Containerized Stock; Balled-and-Burlapped Stock	Mar 15 to May 31 Jun 1 to Jun 30*	Mar 1 to May 15 May 16 to Jun 15*	Feb 15 to Apr 30 May 1 to Jun 30* Oct 1 to Dec 15**

Table B.3 Notes:

- The planting dates listed are averages for each zone. These dates may require adjustment to reflect local conditions, especially near the boundaries of the zones. When seeding toward the end of the listed planting dates, or when conditions are expected to be less than optimal, select an appropriate nurse crop from Table 1 and plant with the permanent seeding mix. (See Table B.3, Note 1, for more information.)
- When planted during the growing season, most of these materials must be purchased and kept in a dormant condition until planting. Bare-root grasses are the exception—they may be supplied as growing (non-dormant) plants.
- Additional planting dates for the lower Coastal Plain, dependent on annual rainfall and temperature trends. Recommend adding a nurse crop, as noted above, if planting during this period.
- Warm-season grasses need a soil temperature of at least 50 degrees in order to germinate. If soil temperatures are colder than 50 degrees, or moisture is not adequate, the seeds will remain dormant until conditions are favorable. In general, planting during the latter portion of this period allows more time for weed emergence and weed control prior to planting. When selecting a planting date, consider the need for weed control vs. the likelihood of having sufficient moisture for later plantings, especially on droughty sites.
- Additional planting dates during which supplemental watering may be needed to ensure plant establishment.
- Freezing and thawing of wet soils may result in frost-heaving of materials planted in late fall, if plants have not sufficiently rooted in winter. Sod usually needs 4 to 6 weeks to become sufficiently rooted. Large containerized and balled-and-burlapped stock may be planted into the winter months as long as the ground is not frozen and soil moisture is adequate.

SITE_ZONE/PLANTING_DATES

Table B.1: Temporary Seeding for Site Stabilization

Plant Species	Seeding Rate		Seeding Depth (inches)	Recommended Seeding Dates by Plant Hardiness Zone		
	lb/acre	lb/1000 sq ft		5b and 6a	6b	7a and 7b
Annual Ryegrass (<i>Lolium perenne</i> sp. multiflorum)	40	1.0	0.5	Mar 15 to May 31; Aug 1 to Sep 30	Mar 1 to May 15; Aug 1 to Oct 15	Feb 15 to Apr 30; Aug 15 to Nov 30
Barley (<i>Hordeum vulgare</i>)	96	2.2	1.0	Mar 15 to May 31; Aug 1 to Sep 30	Mar 1 to May 15; Aug 1 to Oct 15	Feb 15 to Apr 30; Aug 15 to Nov 30
Oats (<i>Avena sativa</i>)	72	1.7	1.0	Mar 15 to May 31; Aug 1 to Sep 30	Mar 1 to May 15; Aug 1 to Oct 15	Feb 15 to Apr 30; Aug 15 to Nov 30
Wheat (<i>Triticum aestivum</i>)	120	2.8	1.0	Mar 15 to May 31; Aug 1 to Sep 30	Mar 1 to May 15; Aug 1 to Oct 15	Feb 15 to Apr 30; Aug 15 to Nov 30
Cereal Rye (<i>Secale cereale</i>)	112	2.8	1.0	Mar 15 to May 31; Aug 1 to Oct 31	Mar 1 to May 15; Aug 1 to Nov 15	Feb 15 to Apr 30; Aug 15 to Nov 15
Warm-Season Mixtures						
Foxhall Millet (<i>Setaria italica</i>)	30	0.7	0.5	Jun 1 to Jul 31	May 16 to Jul 31	May 1 to Aug 14
Pond Millet (<i>Pennisetum glaucum</i>)	20	0.5	0.5	Jun 1 to Jul 31	May 16 to Jul 31	May 1 to Aug 14

NOTES:

1/ Seeding rates for the warm-season grasses are in pounds of Pure Live Seed (PLS). Annual planting rates shall be adjusted to reflect present seed germination and purity, as tested. Adjustments are usually not needed for the cool-season grasses.

2/ Seeding rates listed above are for temporary seedings, when planned alone. When planted as a nurse crop with permanent seed mixtures, use 1/3 of the seeding rate listed above for barley, oats, and wheat. For smaller-seeded grasses (annual ryegrass, pearl millet, foxtail millet), do not exceed more than 25% by weight of the overall permanent seeding mix. Cereal rye generally should not be used as a nurse crop, unless planting will occur in very fine soil beyond the seeding dates for other temporary seedings. Cereal rye has allelopathic properties that inhibit the germination and growth of other plants. If it must be used as a nurse crop, seed at 1/3 of the rate listed above.

3/ For sandy soils, plant seeds at twice the depth listed above.

4/ The planting dates listed are averages for each zone and may require adjustment to reflect local conditions, especially near the boundaries of the zones.

STORMWATER MANAGEMENT PRACTICES

LOT NUMBER	DRY WELL (M-5) (NUMBER)	NON-ROOFTOP DISCONNECT N-2 (NUMBER)
LOT 7	3	2

ADDRESS: 8116 HOLLY MANOR WAY, FULTON, MD 20759

LEGEND

- EXISTING CONTOURS
- FIELD LOCATED WELL
- PRIVATE SEWAGE DISPOSAL AREA
- SILT FENCE
- SUPER SILT FENCE
- LIMIT OF DISTURBANCE
- EROSION CONTROL MATTING
- STABILIZED CONSTRUCTION ENTRANCE

SEQUENCE OF CONSTRUCTION - INDIVIDUAL HOUSE

- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAN SHALL NOT BE NECESSARY.
- THE EXISTING WELL, TAG NUMBER HO-95-1167, SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGES TO THE PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY'S BOUNDARIES EXCEPT THAT WHICH ARE SHOWN.
- EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
- TOPOGRAPHY SHOWN ON THIS LOT IS PER FIELD RUM TOPOGRAPHY BY BENCHMARK ENGINEERING, INC. ON OR ABOUT FEBRUARY, 2008.
- STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY THREE (3) DRY WELLS AND NON-ROOFTOP DISCONNECT. THE FACILITIES ARE PRIVATELY OWNED AND MAINTAINED.

SHEET INDEX

SHEET	TITLE
1	GRADING PLAN AND SEDIMENT CONTROL NOTES
2	GRADING PLAN STORMWATER MANAGEMENT AND SEDIMENT AND EROSION CONTROL NOTES AND DETAILS

BENCHMARK ENGINEERING, INC.
 ENGINEERS • LAND SURVEYORS • PLANNERS

8480 BALTIMORE NATIONAL PIKE A SUITE 315
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-465-6105 • fax: 410-465-6644
 email: Benchmark@ceis.com

Professional Certification. 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. 28559, Expiration Date: 7-22-2015.

STATE OF MARYLAND
PROFESSIONAL ENGINEER
 BRUN F. CLEARY
 9/16/2013

PROJECT: HOLLY HOUSE MEADOWS, PHASE 2
 LOT 6
 8116 HOLLY MANOR WAY

OWNER/DEVELOPER: CARRIGAN HOMES, INC.
 9812 CAITLINS COURT
 ELLICOTT CITY, MD 21042
 410-465-7755 OFFICE
 410-465-5608 FAX

LOCATION: TAX MAP: 45, GRID: 6, P/O PARCEL: 24
 ZONED: RR-DEO
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: GRADING PLAN AND SEDIMENT CONTROL NOTES

DATE: AUGUST, 2013 **PROJECT NO.:** 2579

DES: JC **DRAFT: JC** **CHECK: --** **SCALE:** 1" = 30' **SHEET 1 OF 2**

GP-14-013