



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.: B/3000889

Building Address: 17271 Hardy Road
 City: Mt Airy State: md Zip Code: 21771
 Suite/Apt. #: _____ SDP/WP/BA #: 60-13-049
 Census Tract: _____ Subdivision: Spring Hollow
 Section: _____ Area: _____ Lot: 30
 Tax Map: 0007 Parcel: 0528 Grid: 0008
 Zoning: _____ Map Coordinates: _____ Lot Size: 40,000

Property Owner's Name: Ted Byler
 Address: 1950 Heron Drive
 City: Wood Pine State: md Zip Code: 21797
 Phone: 410-465-1296 Fax: _____
 Email: _____

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

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: Carrigan Homes
 Address: 9812 Caitlan's Court
 City: Bellicott City State: md Zip Code: 21042
 Phone: 410-977-8927 Fax: _____
 Email: Carriganhomes@comcast.net

Contractor Company: Same as Above
 Contact Person: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 License No.: _____
 Phone: _____ Fax: _____
 Email: _____

Engineer/Architect Company: Fisher Collins Carter
 Responsible Design Prof.: _____
 Address: Bellicott City
 City: _____ State: _____ Zip Code: _____
 Phone: 410-461-2855 Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input 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 type="checkbox"/> Finished Basement	
	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
Construction type:	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input type="checkbox"/> Structural Steel	Multi-family Dwelling	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Roof:	
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 type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number: <u>B/3000884</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 COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: [Signature] Print Name: Dwain Kelly
 Email Address: Carriganhomes@comcast.net Date: 3-12-13
 Title/Company: Pres Carrigan/Homes

RECEIVED
MAR 12 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
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>4/2/13</u>	<u>[Signature]</u>

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

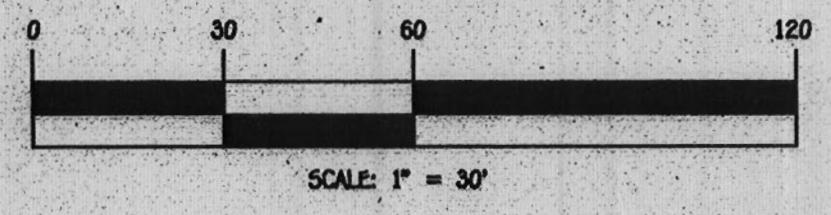
DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot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

Filing Fee	\$	<u>150.00</u>
Permit Fee	\$	
Tech Fee	\$	
Excise Tax	\$	
PSFS	\$	
Guaranty Fund	\$	
Add'l per Fee	\$	
Total Fees	\$	
Sub-Total Paid	\$	
Balance Due	\$	
Check	#	

Number of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA

3891

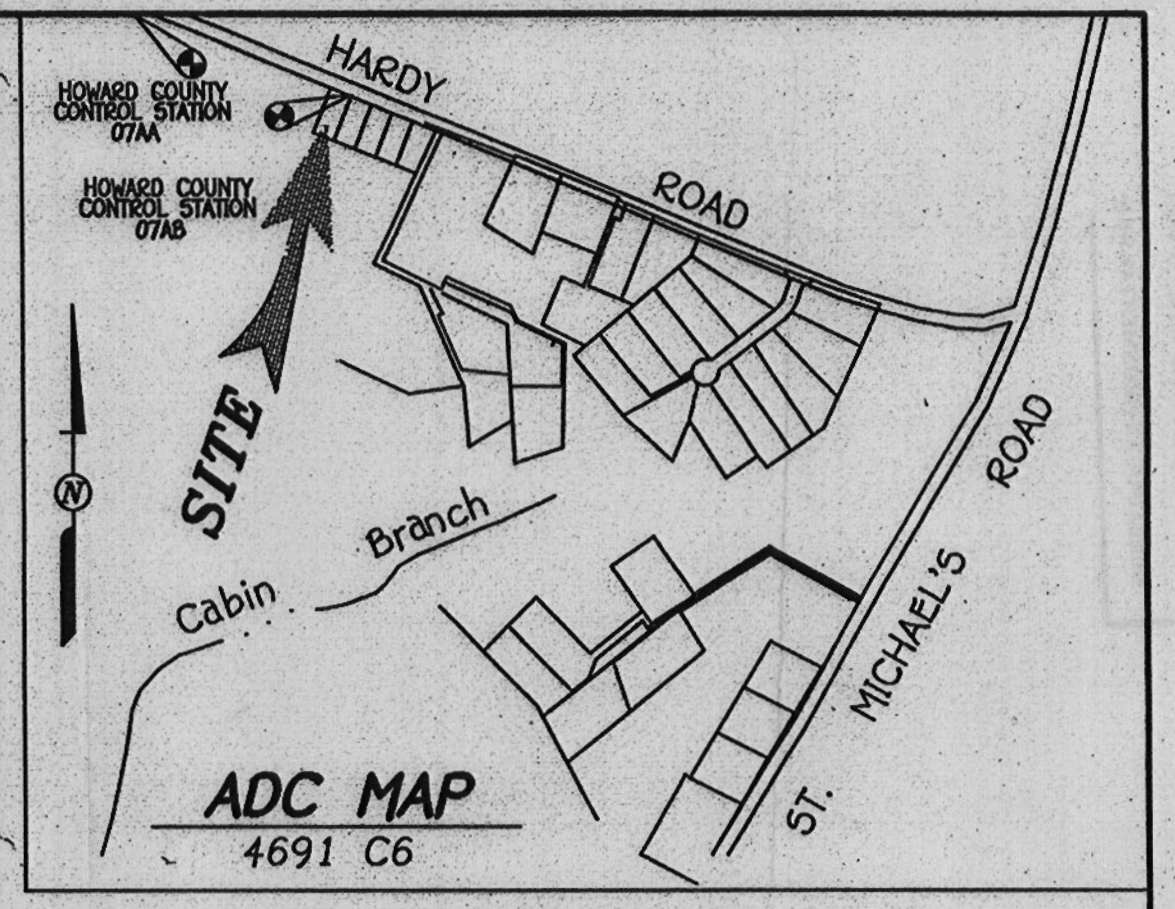
HARDY ROAD (LOCAL/PUBLIC ROAD)



LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - -	PROPOSED CONTOUR 2' INTERVAL
+362.2	SPOT ELEVATION
[Symbol]	NON ROOFTOP DISCONNECT
[Symbol]	ROOFTOP DISCONNECT
SF-SF	SILT FENCE
LOD	LIMIT OF DISTURBANCE
---	DIRECTION OF DRAINAGE
[Symbol]	PROPOSED LANDSCAPING PER F-99-30 W/SUBSTITUTIONS
[Symbol]	SOIL BORING

BENCH MARKS
 BENCHMARK 07AB ELEV. 715.866
 N. 189873.2174 MTS. 609819.0474 SFT.
 E. 389968.0157 MTS. 1279420.0647 SFT.
 LOCATED: NORTH SIDE OF HARDY ROAD 0.6 MI WEST OF ST. MICHAEL'S ROAD.

BENCHMARK 07A ELEV. 747.539
 N. 186177.3609 MTS. 610816.8914 SFT.
 E. 387177.8314 MTS. 1276827.6016 SFT.
 LOCATED: SOUTH SIDE OF HARDY ROAD 3 FEET WEST OF THE DRIVEWAY FOR 17545 HARDY ROAD.

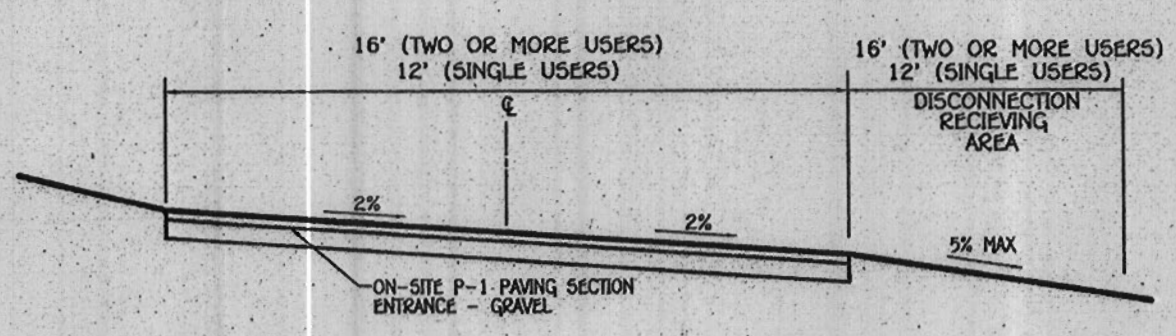


Vicinity Map
 SCALE: 1"=1200'

GENERAL NOTES:

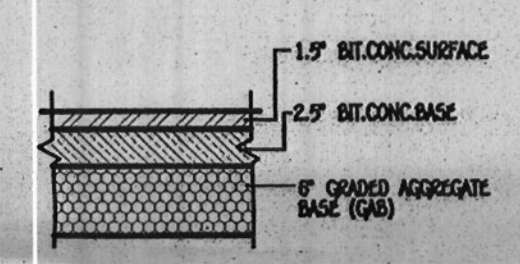
- PREVIOUS THE DEPT. OF PLANNING AND ZONING FILE NUMBERS: 5-98-01, WF-98-30, F-99-30 & P-99-26.
- THE PROPERTY IS ZONED RC-DEO PER THE 2-4-04 COMPREHENSIVE ZONING PLAN AND THE COMP-LITE ZONING AMENDMENTS DATED 7-28-06.
- THE CONTRACTOR SHALL NOTIFY THE DEPT. OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT 410-313-1800 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF ANY WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HRS. PRIOR TO ANY EXCAVATION WORK BEING DONE.
- THE EXISTING TOPOGRAPHY IS BASED ON AERIAL MAPPING PROVIDED BY HARFORD AERIAL COMPANY IN MAY OF 1996.
- THE COORDINATES SHOWN HEREON ARE BASED ON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MD. STATE PLANE COORDINATE SYSTEM, HOWARD COUNTY MONUMENT NOS. 07A AND 07B WERE USED FOR THIS PROJECT.
- STORMWATER MANAGEMENT REQUIREMENTS FOR THE PROPOSED HOUSE AND DRIVEWAY ON LOT 5 WILL BE MET USING ENVIRONMENTAL SITE DESIGN TO THE MAXIMUM EXTENT POSSIBLE IN ACCORDANCE WITH UPDATED CHAPTER 5 OF THE MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, VOLUMES 1 AND 2 WHICH BECAME EFFECTIVE IN MAY OF 2010. THE PROPOSED PRACTICES ARE AS FOLLOWS:
 1. DRYWELL (M-5) & ROOFTOP DISCONNECT (N-2) FOR THE PROPOSED HOUSE.
 2. NON-ROOFTOP DISCONNECT (N-2) FOR THE PROPOSED DRIVEWAY.
- NO FORESTED AREAS EXIST ON-SITE.
- A SOIL BORING IS SHOWN ON THE PLAN.
- APPROVAL OF THIS ECP DOES NOT CONSTITUTE AN APPROVAL OF ANY ASSOCIATED SUBDIVISION AND/OR SITE DEVELOPMENT PLAN. REVIEW OF THIS PROJECT FOR COMPLIANCE WITH THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE HOWARD COUNTY ZONING REGULATIONS SHALL OCCUR AT THE SITE PLAN STAGE. THEREFORE, THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED COMMENTS (INCLUDING THOSE THAT MAY ALTER OVERALL SITE DESIGN) AS THE PROJECT PROGRESSES.
- THE PERIMETER LANDSCAPING SHOWN ON LOT 30 WAS TAKEN FROM THE ROAD CONSTRUCTION PLANS FOR SPRING HOLLOW LOTS 1-30. FINANCIAL SURETY IN THE AMOUNT OF \$2100.00 FOR LOT 30 WILL BE POSTED WITH THE GRADING AND/OR BUILDING PERMIT. PLANT SUBSTITUTIONS HAVE BEEN MADE AND ARE NOTED ON THE PLAN ACCORDINGLY.

SOILS LEGEND		
SOIL	NAME	CLASS
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B



NOTE:
 ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME 2, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.

TYPICAL PRIVATE DRIVE CROSS SLOPE SECTION
 NOT TO SCALE



P-1 DRIVEWAY PAVING SECTION
 NOT TO SCALE

OPERATION & MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DISCONNECT OF ROOFTOP (N-1) AND NON-ROOFTOP RUNOFF (N-2)

- MAINTENANCE OF AREAS RECEIVING DISCONNECT RUNOFF IS GENERALLY NO DIFFERENT THAN THAT REQUIRED FOR OTHER LAWN OR LANDSCAPED AREAS. THE OWNER SHALL ENSURE THE AREAS RECEIVING RUNOFF SHOULD BE PROTECTED FROM FUTURE COMPACTION OR DEVELOPMENT OF IMPERVIOUS AREA.

ESD NARRATIVE

- THERE ARE NO ENVIRONMENTAL FEATURES AS SHOWN IN TABLE 5.1 OF THE MARYLAND STORMWATER MANAGEMENT (SWM) DESIGN MANUAL LOCATED ON SITE.
- THE EXISTING DRAINAGE PATTERNS WILL BE MAINTAINED AS CLOSELY AS POSSIBLE DURING AND AFTER THE DEVELOPMENT OF THE SITE.
- EFFORTS HAVE BEEN MADE TO REDUCE THE IMPERVIOUS AREAS.
- THE REQUIRED SEDIMENT AND EROSION CONTROL MEASURES CONSISTING OF SUPER SILT FENCE, A STABILIZED CONSTRUCTION ENTRANCE AND EROSION CONTROL MATINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LATEST HOWARD SOIL CONSERVATION DISTRICT AND MARYLAND DEPARTMENT OF THE ENVIRONMENT REGULATIONS, BASE ON THE TYPE AND LOCATION OF THE ESD PRACTICES THERE WAS NO NEED TO INCORPORATE THESE MEASURES INTO THE SWM STRATEGY.
- THE PROPOSED ENVIRONMENTAL SITE DESIGN MEASURES HAVE BEEN IMPLEMENTED TO THE MAXIMUM EXTENT POSSIBLE AND MEET THE TARGETED PE FOR THIS SITE. AS SUCH, NO MAJOR STRUCTURAL PRACTICES DESCRIBED IN CHAPTER 5 OF THE ABOVE CITED MANUAL WILL BE REQUIRED.

INTRODUCTION

THIS REPORT WILL DEMONSTRATE HOW THE CRITERIA SET FORTH IN THE MARYLAND STORMWATER DESIGN MANUAL, VOLUMES 1 AND 2 (EFFECTIVE OCTOBER 2000, REVISED 2010) WILL BE SATISFIED ON THIS PROJECT. THE GOAL OF CREATING HYDROLOGY SIMILAR TO THAT OF "WOODS IN GOOD CONDITION" WILL BE ACCOMPLISHED THROUGH THE USE OF THE PRACTICES CONTAINED WITHIN CHAPTER 5 OF S&D MANUAL. THE ACHIEVEMENT OF THIS GOAL WILL REMOVE THE REQUIREMENT OF PROVIDING CHANNEL PROTECTION VOLUME.

GENERAL SITE CONDITIONS

LOT 30 CONSISTS OF 0.919 ACRES OR 40,010 SQ. FT. AND IS ZONED RC-DEO. IT IS LOCATED ON TAX MAP NO. 0007, GRID 000B AND PARCEL 052B OF THE HOWARD COUNTY TAX MAP DATABASE SYSTEM. IT IS LOCATED ON HARDY ROAD WEST OF THE INTERSECTION WITH ST. MICHAEL'S ROAD IN HT. AIRY AREA OF THE COUNTY. AT PRESENT, THERE ARE NO IMPERVIOUS AREAS LOCATED ON SITE AND THE LOT IS AN OPEN FIELD, SLOPES AROUND 3-8% AND ARE MODERATELY ERODED. THE SOILS ON THE PROPERTY ARE IDENTIFIED AS TYPE B CHB2 (CHESTER SILT LOAM). THE EXISTING VEGETATION ON THE PROPERTY CONSISTS OF OPEN FIELD.

I. NATURAL RESOURCE PROTECTION

TO ENSURE THE PROTECTION OF NATURAL RESOURCES LOCATED ON SITE, ALL BUFFERS WILL BE HONORED BY LOCATING IMPROVEMENTS AWAY FROM ENVIRONMENTALLY SENSITIVE AREAS.

II. MAINTENANCE OF NATURAL FLOW PROTECTION

IT IS THE INTENT OF THE PROPOSED DESIGN TO DISCHARGE RUNOFF SIMILAR TO THE CHARACTERISTICS AND DIRECTION OF THIS SITE PRIOR TO ANY PROPOSED IMPROVEMENTS.

III. REDUCTION OF IMPERVIOUS AREAS THROUGH BETTER SITE DESIGN, ALTERNATIVE SURFACES AND NONSTRUCTURAL PRACTICES

THE DESIGN WILL MAKE USE OF A N-2 NON-ROOFTOP DISCONNECT CREDIT

IV. INTEGRATION OF EROSION AND SEDIMENT CONTROLS INTO STORMWATER STRATEGY

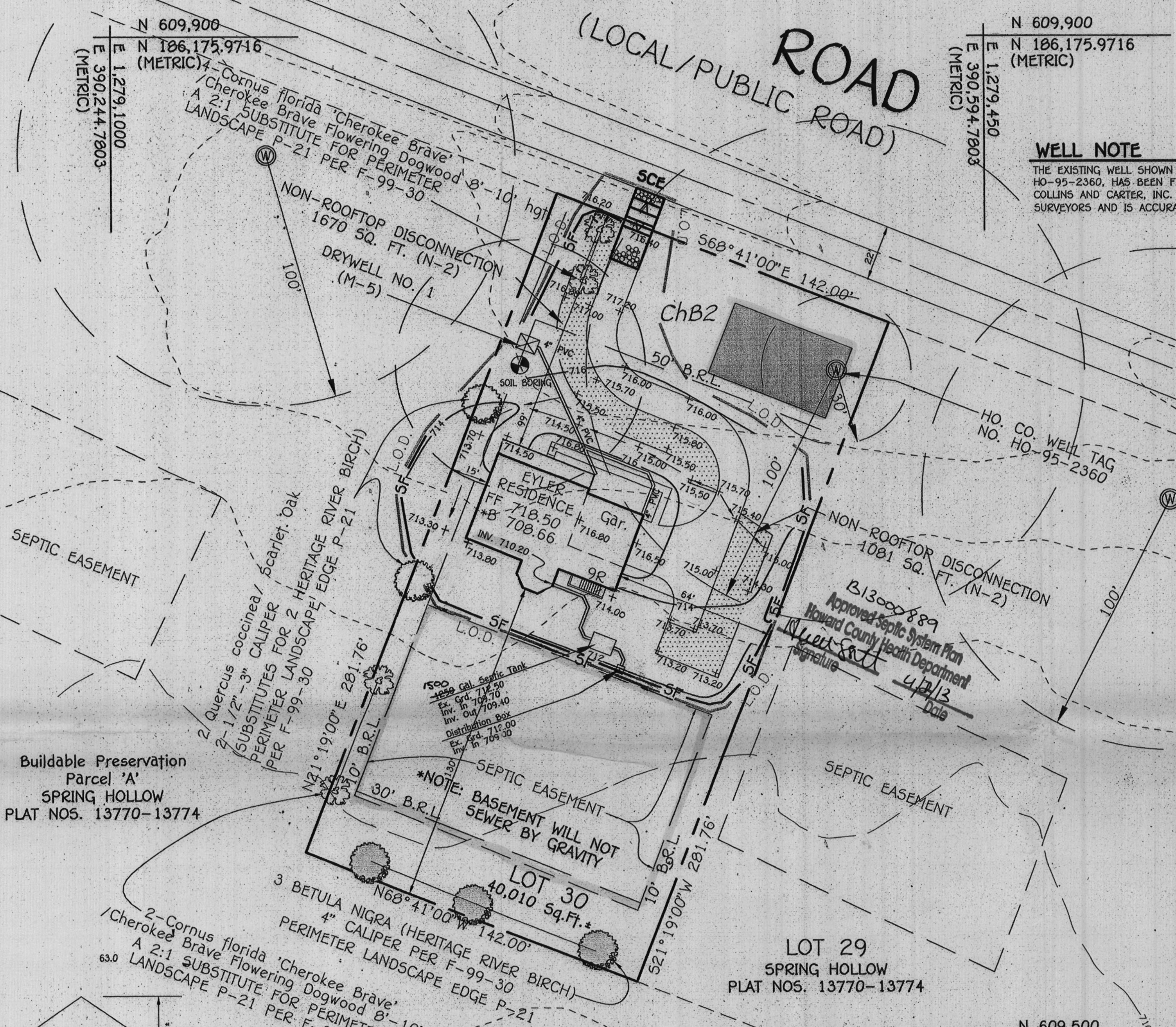
THE DESIGN WILL MAKE USE OF A N-2 NON-ROOFTOP DISCONNECT CREDIT

V. IMPLEMENTATION OF ESD PLANNING TECHNIQUES AND PRACTICES TO THE MAXIMUM EXTENT PRACTICABLE (MEP)

THE FULL REQUIRED ESD VOLUME IS BEING PROVIDED.

VI. REQUEST FOR DESIGN MANUAL WAIVER

NO WAIVERS ARE EXPECTED TO BE REQUIRED ON THIS PROJECT.

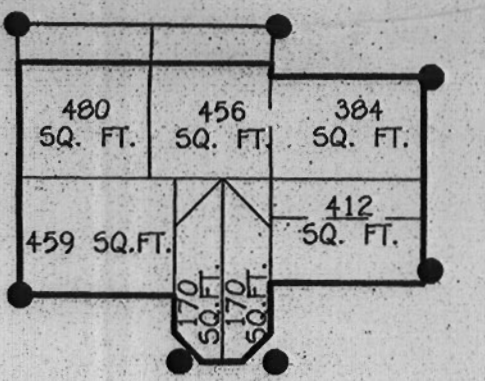


WELL NOTE

THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO-95-2360, HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

IMPERVIOUS AREA

HOUSE - 2531 SQ. FT.
 DRIVEWAY - 4720 SQ. FT.
 TOTAL - 8052 SQ. FT.



LANDSCAPING PLANT LIST

QTY.	KEY	NAME	SIZE
3	[Symbol]	Betula nigra 'Heritage' / Heritage Clump River Birch	4" CALIPER
2	[Symbol]	Quercus coccinea / Scarlet Oak	2-1/2" - 3" CALIPER
4	[Symbol]	Cornus florida 'Cherokee Brave' / Cherokee Brave Flowering	8'-10' hgt.

STORMWATER MANAGEMENT PRACTICES

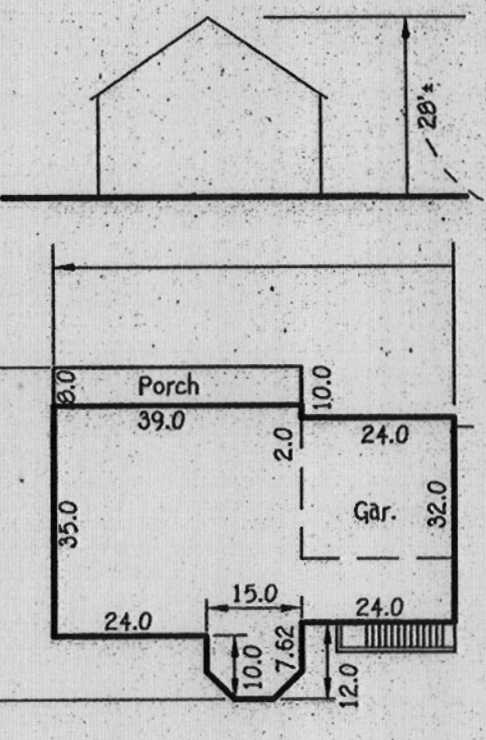
LOT NO.	STREET ADDRESS	ROOFTOP DISCONNECT (N-2) Y/N	NON-ROOFTOP DISCONNECT (N-2) Y/N	DRYWELLS (M-5) NUMBER
30	17271 HARDY ROAD	YES	YES	1

DRY WELL CHART				
DRYWELL NO.	AREA OF ROOF PER DOWN SPOUT	VOLUME REQUIRED	VOLUME PROVIDED	AREA OF TREATMENT
1	840 SQ. FT.	67 CF.	72 CF.	100%

SHEET INDEX CHART	
SHEET NO.	DESCRIPTION
SHEET 1	SITE DEVELOPMENT, SWM, SEDIMENT AND EROSION CONTROL PLAN
SHEET 2	SWM, SEDIMENT AND EROSION CONTROL DETAILS

SITE ANALYSIS DATA

- TOTAL AREA OF SITE = 0.919 ACRES OR 40,010 SQ. FT.
- WETLANDS AND BUFFERS: NONE
- FLOODPLAINS AND BUFFERS: NONE
- FORESTED AREAS: NONE
- STEEP SLOPES 15% OR GREATER: NONE
- ESODABLE SOILS: MODERATELY ERODIBLE
- LIMIT OF DISTURBANCE: 0.414 ACRES OR 18,065 SQ. FT.
- PROPOSED SITE USE: RESIDENTIAL
- GREEN OPEN AREA: 0.505 ACRES
- IMPERVIOUS AREA: 0.133 ACRES OR 5798 SQ. FT.



EYLER RESIDENCE

HOWARD SOIL CONSERVATION DISTRICT

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

John R. Roberts
 Howard SCD
 3/7/13

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. 9753, EXPIRATION DATE: 2/28/12.

Earl D. Collins
 EARL D. COLLINS
 3-7-13
 DATE

BUILDER/DEVELOPER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan, for sediment and erosion control 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."

Earl D. Collins
 OWNER
 3-7-13
 DATE

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."

Earl D. Collins
 Signature of Engineer
 EARL D. COLLINS
 3-7-13
 DATE

BUILDER

CASBEGAN HOMES, INC.
 9812 CATLINS COURT
 ELLICOTT CITY, MD. 21042

OWNERS

THEODORE W. and JENNIFER EYLER
 545 MOORELOCK SCHOOLHOUSE ROAD
 WESTMINSTER, MD. 21150

GRADING PERMIT PLAN
 SINGLE FAMILY DETACHED
SPRING HOLLOW
 LOT 30

1727 HARDY ROAD
 MT. AIRY, MD. 21771
 PLATS 13770-13774
 TAX MAP NO.: 0007 GRID 000B PARCEL NO.: 052B
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH 7, 2013
 SHEET 1 OF 2 **GP-13-049**

NO.	REVISION	DATE