



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.: B17001745

Building Address: 5519 Green Ridge Road
City: Dayton State: MD Zip Code: 21036
Suite/Apt. # _____ SDP/WP/BA #: _____
Census Tract: _____ Subdivision: _____
Section: _____ Area: _____ Lot: 0083
Tax Map: _____ Parcel: _____ Grid: _____
Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: FLD
Proposed Use: SETP - with 1/2 bath
Estimated Construction Cost: \$ 16,000.00
Description of Work: Included 1/2 bath w/ 41" x 31" tub at house

Occupant/Tenant Name: _____
Was tenant space previously occupied? Yes No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Property Owner's Name: Basio Homos
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

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

Contractor Company: Home Pro
Contact Person: Bob Perry
Address: Pro. Bldg. 1233
City: Dayton State: MD Zip Code: 21036
License No.: 22150
Phone: 410-313-1000 Fax: _____
Email: _____

Engineer/Architect Company: _____
Responsible Design Prof.: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ 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:	
	<input type="checkbox"/> Finished Basement	
Use group:	<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:	
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	
Electric:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
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:	
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: _____
Email Address: _____
Title/Company: _____

Print Name: _____
Date: _____

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>5/1/17</u>	<u>H. Osmond</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	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#

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

41' off right
Sunroom corner

190 feet

RECEIVED

MAY 08 2017

HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH



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: 9/8/16

Permit No.: B16003986

Building Address: 5519 GREEN BRIDGE ROAD
City: DAYTON State: MD Zip Code: 21036
Suite/Apt. # - SDP/WP/BA #:
Census Tract: Subdivision: TALL TREES
Section: Area: Lot: 3
Tax Map: 0027 Parcel: 0026 Grid: 0024
Zoning: RR-DEO Map Coordinates: Lot Size: 3.32 AC

Existing Use: VACANT
Proposed Use: SINGLE FAMILY DWELLING
Estimated Construction Cost: \$ 260,000.00
Description of Work: CONSTRUCT A NEW SINGLE FAMILY DWELLING (5 BEDROOMS, 5 BATHS) w/ BASEMENT WALL-OUT, 1ST FLOOR SUNROOM/CONSERVATORY, FAMILY ROOM FIREPLACE, BEDROOM & SIDELOAD 3-CAR GARAGE
Occupant or Tenant:

Was tenant space previously occupied? Yes No
Contact Name: SPURGE EISMEIER, JR.
Address: P.O. Box 4327
City: ANNAPOLIS State: MD Zip Code: 21403
Phone: 410-267-1914 Fax:
Email: permits@pinecrestdev.net

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 various structural options.

Property Owner's Name: LINGYU CHEN & WEIHONG LI
Address: 6236 WELCOME HOME DR.
City: COLUMBIA State: MD Zip Code: 21045
Phone: Fax:
Email:

Applicant's Name & Mailing Address, (if other than stated herein)
Applicant's Name: SPURGE EISMEIER, JR./PERMITS BY PINECREST
Address: P.O. Box 4327
City: ANNAPOLIS State: MD Zip Code: 21403
Phone: 410-267-1914 Fax:
Email: permits@pinecrestdev.net

Contractor Company: CARUSO HOMES
Contact Person: KATIE ARMIGER
Address: 2120 BALDWIN AVE., SUITE 200
City: CROFTON State: MD Zip Code: 21114
License No.: M42R #78
Phone: 301-261-0227 Fax:
Email:

Engineer/Architect Company: ARG ARCHITECTURAL GROUP
Responsible Design Prof.:
Address: P.O. Box 341
City: CHESTER State: MD Zip Code: 21619
Phone: 410-604-2814 Fax:
Email: ararchgroup@aol.com

Table for Utilities, Water Supply, Sewage Disposal, Heating System, Sprinkler System, Grading Permit Number, and Building Shell Permit Number. Includes a 'RECEIVED' stamp dated SEP 08 2016 from 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: [Signature]
Email Address: permits@pinecrestdev.net
AGENT/PERMITS BY PINECREST
Title/Company

SPURGEON R. EISMEIER, JR.
Print Name
SEPT. 6, 2016
Date

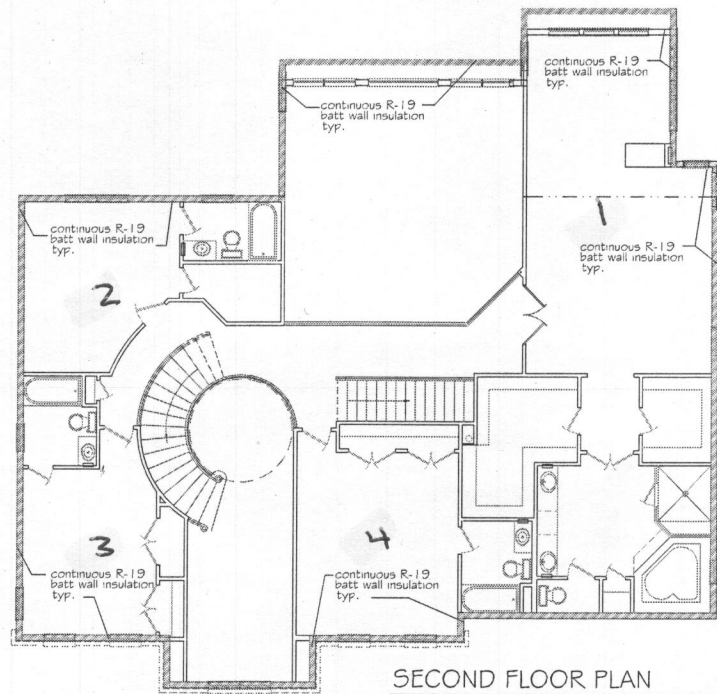
Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

Table for Agency Approvals with columns: AGENCY, DATE, SIGNATURE OF APPROVAL. Includes State Highways, Building Officials, PSZA (Zoning), PSZA (Engineering), and Health (dated 11/10/16 by H. Os...).

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

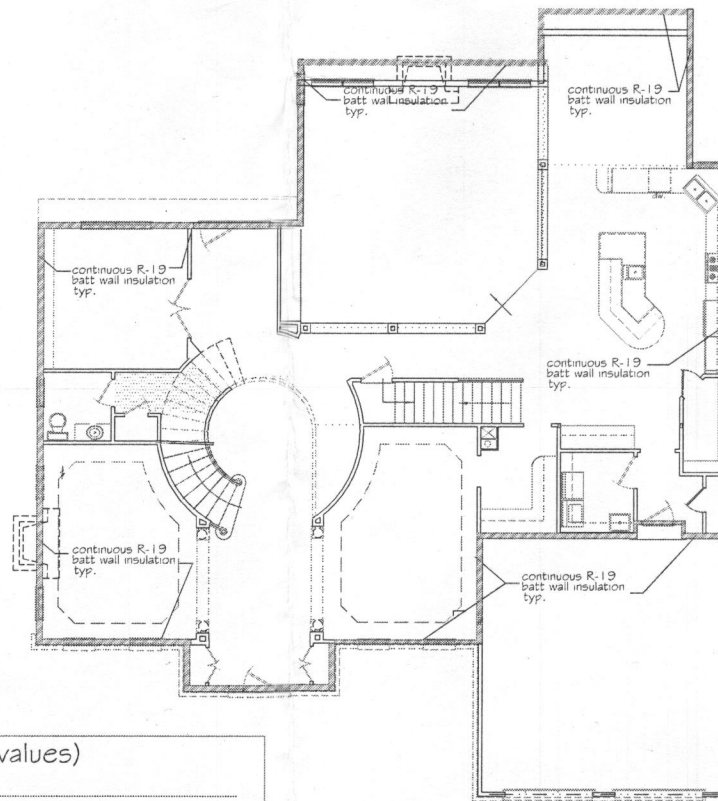
Table for Fees with columns: Fee Name, Amount. Includes Filing Fee (\$100), Permit Fee, Tech Fee, Excise Tax, PSFS, Guaranty Fund (\$50.00), Add'l per Fee, Total Fees, Sub-Total Paid, Balance Due, Check # 1001.

THERMAL BARRIER PLANS & SECTION DIAGRAMS



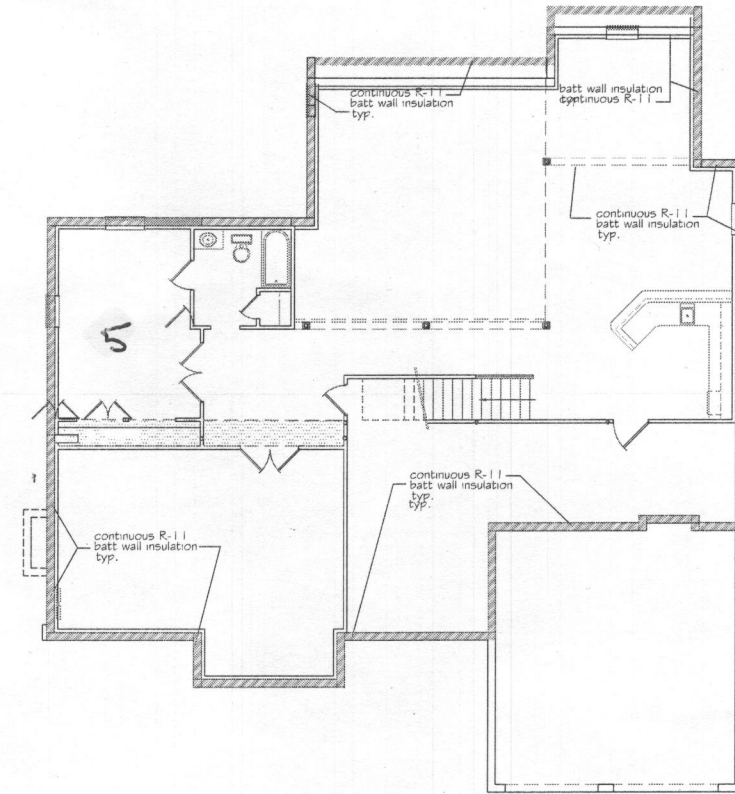
SECOND FLOOR PLAN

scale: 1/16" = 1'-0" (11x17 sheet)
scale: 1/8" = 1'-0" (24x36 sheet)



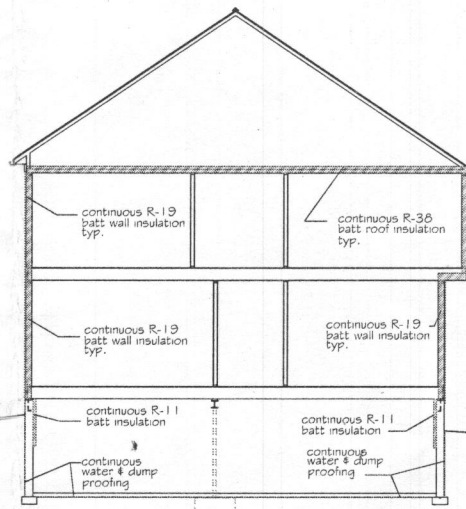
FIRST FLOOR PLAN

scale: 1/16" = 1'-0" (11x17 sheet)
scale: 1/8" = 1'-0" (24x36 sheet)



BASEMENT PLAN

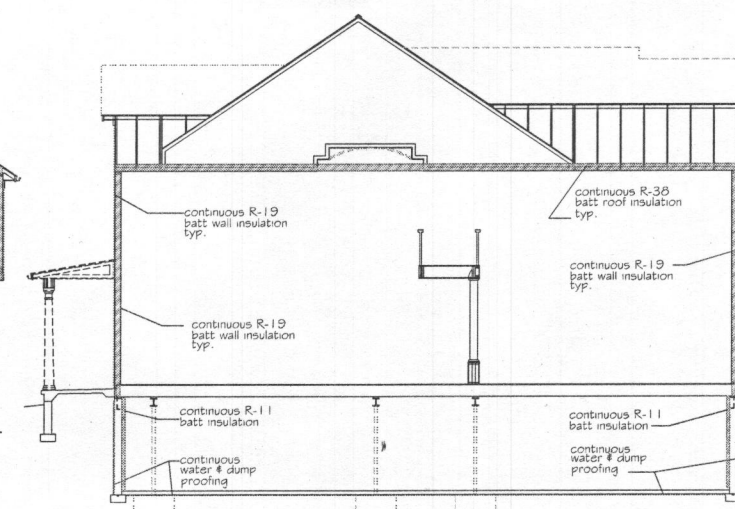
scale: 1/16" = 1'-0" (11x17 sheet)
scale: 1/8" = 1'-0" (24x36 sheet)



SECTION A-A

THROUGH MAIN HOUSE

scale: 1/16" = 1'-0" (11x17 sheet)
scale: 1/8" = 1'-0" (24x36 sheet)



SECTION B-B

THROUGH MAIN HOUSE

scale: 1/16" = 1'-0" (11x17 sheet)
scale: 1/8" = 1'-0" (24x36 sheet)

THERMAL BARRIER DIAGRAM

hatch indicates thermal barrier install foam insulation at perimeters of all windows and doors.

insulation material used in layers such as framing cavity and insulating sheathing, shall be summed to compute in the component R-value.

the first R-value applies to continuous insulation, the second to framing cavity insulation.

10/13 means R-10 continuous insulated sheathing on the interior or exterior of the home or R-20 cavity insulation on the interior of the basement wall.

the second R-value applies when more than half the insulation is on the interior of the mass wall.

thermal isolated sunroom, check box if applicable.

max. ceiling R-value for sunroom R-20

min. r-value for sunroom R-20

new walls separating a sun room from conditioned space shall meet the building thermal envelope requirement.

I hereby certify that the building design represented in the attached construction documents has been designed to meet or exceed the requirements of:

2015 edition international energy conservative code (IECC)

builder/ contractor company name date

Prescriptive Requirement Worksheet (R-values)

Applicant name _____
Date _____
Applicant address _____
Phone number _____
Building address _____
Permit number _____

Criteria	Required	Provided	Assembly Description
Window/Doors	.35	.35	vinyl double glazed
skylight-			low
maximum U factor			
skylight-	.60	NA	
maximum U factor			
ceilings	R-49	R-38	
walls (wood frame)	R-20	R-19	
mass walls	R-5/10	NA	
basement walls	R-13	R-11	
floors	R-19	R-30	over garage, cantilevers
slab perimeter	R-10, 2ft	R-10, 2ft	
R-value and depth			
crawl space	R-19	NA	

Fenestration U factors	
type	U factors
windows	.35
glass doors	.35 max.
solid doors	.35 max.

1- per IRC section M1601.4.1, mechanically fasten metal ducts; tape all joints of rigid and flex ducts.
2- insulated ducts to be min. R-6, R-8 in attic

AG AR ARCHITECTURAL GROUP
Architects, Planners, Interior Designers
P. O. Box 341 • Chester, Maryland 21619
Tel: 410-604-2814 • Fax: 410-604-2816 • Email: ararchgroup@aol.com

The Tara Park Model For:
Caruso Homes

Prince George's County, Maryland

551A Green Bridge Rd
Dayton, MD

Tara Park
Model

May 12, 2016

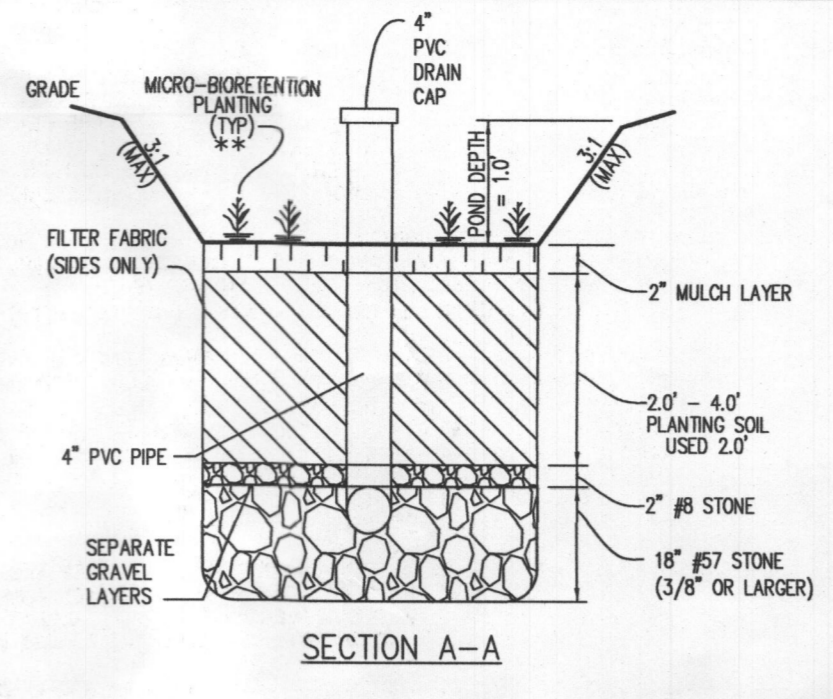
Revisions :
1-8/2/16
2-
3-

LEGEND

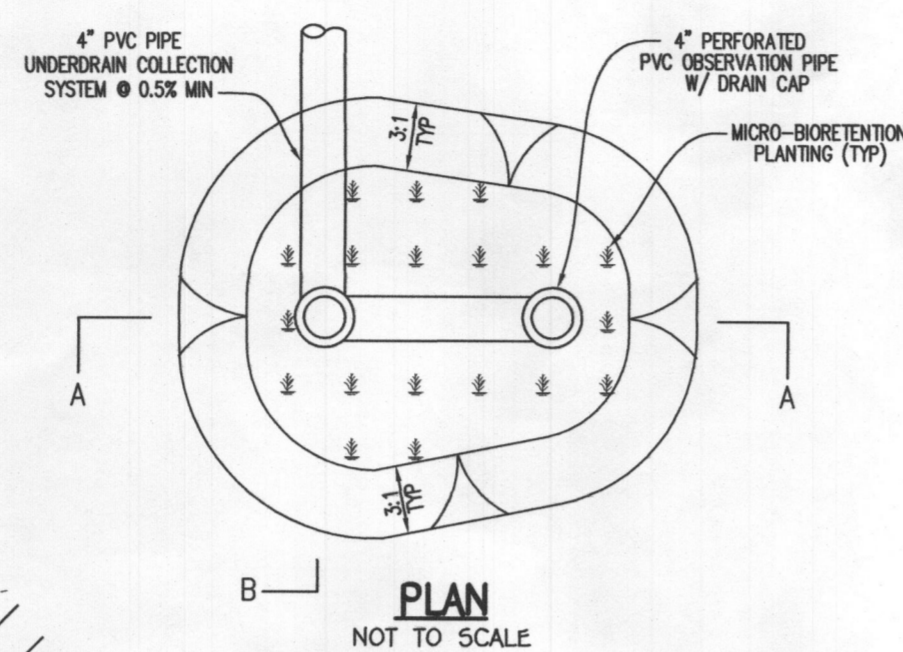
- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- - - - - EXISTING TREE LINE
- - - - - SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- - - - - DENOTES PROPOSED TREELINE
- ⊙ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- - - - - DF DENOTES DIVERSION FENCE
- - - - - SF DENOTES SILT FENCE
- - - - - SSF DENOTES SUPER SILT FENCE
- - - - - TPF DENOTES TREE PROTECTIVE FENCING

MICRO-BIORETENTION									
MICRO-BIO FILTER	A	B	C	D	E	F	G	H	I
LOT 3	416.00	416.00	415.00	414.83	412.83	412.57	412.34	412.00	411.17

MICRO-BIORETENTION PLANTING DETAIL
NOT TO SCALE



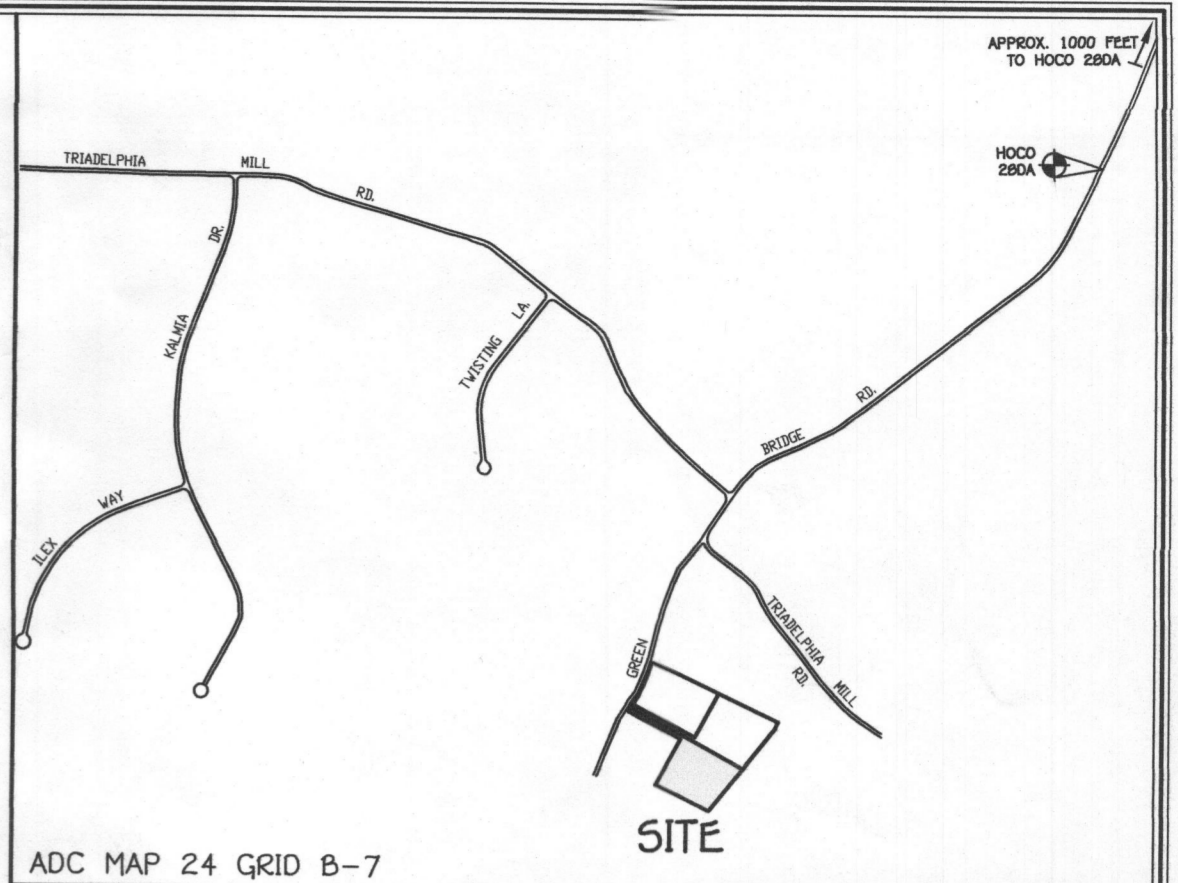
MICRO-BIORETENTION DETAIL (M-6)
NOT TO SCALE



MICRO-BIORETENTION PLANT MATERIAL		
MICRO-BIO QUANTITY	NAME	MAXIMUM SPACING (FT.)
30	MIXED PERENNIALS	1.5 TO 3.0 FT.
1	SILKY DOGWOOD	PLANT AWAY FROM INFLOW LOCATION

GENERAL NOTES:

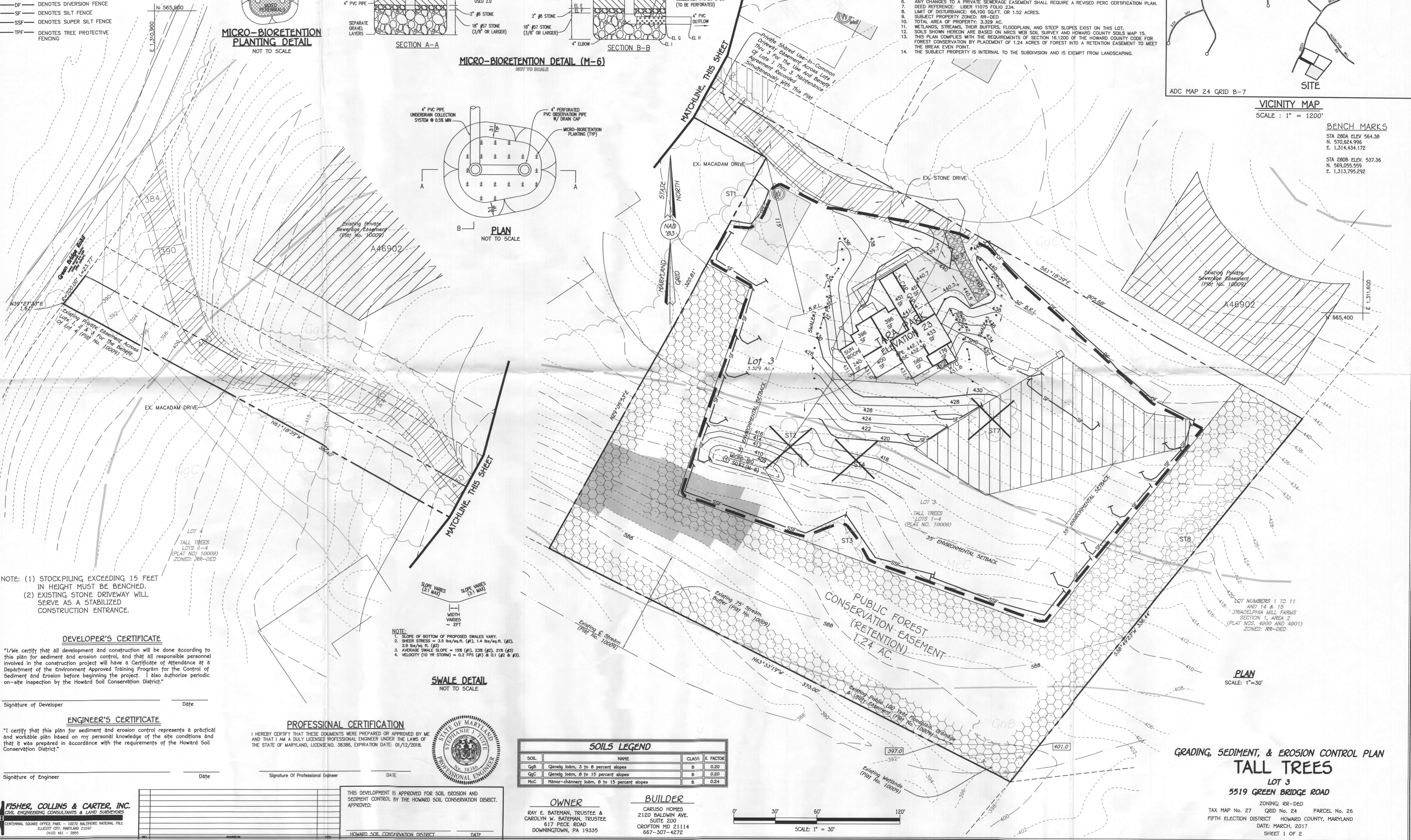
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA. PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- TOPOGRAPHY SHOWN IN THE AREA OF THE LOT BEING DISTURBED IS BASED ON A TOPOGRAPHIC SURVEY BY FISHER, COLLINS & CARTER, INC. IN MARCH, 2016 AND SUPPLEMENTED WITH HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL.
- BOUNDARY OF LOT BASED ON PLAT #10009 AND FIELD SURVEY BY FISHER, COLLINS & CARTER, INC.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- LIMIT OF DISTURBANCE: 66,100 SQ.FT. OR 1.52 ACRES.
- SUBJECT PROPERTY ZONED: RR-DEO
- TOTAL AREA OF PROPERTY: 3.329 AC.
- WETLANDS, STREAMS, THEIR BUFFERS, FLOODPLAIN, AND STEEP SLOPES EXIST ON THIS LOT.
- SOILS SHOWN HEREON ARE BASED ON NRCS WEB SOIL SURVEY AND HOWARD COUNTY SOILS MAP 15.
- THIS PLAN COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY PLACEMENT OF 1.24 ACRES OF FOREST INTO A RETENTION EASEMENT TO MEET THE BREAK EVEN POINT.
- THE SUBJECT PROPERTY IS INTERNAL TO THE SUBDIVISION AND IS EXEMPT FROM LANDSCAPING.



VICINITY MAP
SCALE: 1" = 1200'

BENCH MARKS

STA 280A	ELEV. 564.38
N. 570.624.996	
E. 1.314.434.172	
STA 280B	ELEV. 537.36
N. 569.055.959	
E. 1.313.795.292	



NOTE: (1) STOCKPILING EXCEEDING 15 FEET IN HEIGHT MUST BE BENCHED.
(2) EXISTING STONE DRIVEWAY WILL SERVE AS A STABILIZED CONSTRUCTION ENTRANCE.

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 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 inspection by the Howard Soil Conservation District."

Signature of Developer _____ Date _____

ENGINEER'S CERTIFICATE

"I 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 Soil Conservation District."

Signature of Engineer _____ Date _____

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. 38386, EXPIRATION DATE: 01/12/2018.

Signature of Professional Engineer _____ DATE _____



SWALE DETAIL
NOT TO SCALE

- NOTE:
- SLOPE OF BOTTOM OF PROPOSED SWALES VARY.
 - SHEAR STRESS = 3.5 lbs/sq.ft. (#1), 1.4 lbs/sq.ft. (#2), 2.9 lbs/sq.ft. (#3)
 - AVERAGE SWALE SLOPE = 15% (#1), 23% (#2), 21% (#3)
 - VELOCITY (10 YR STORM) = 0.2 FPS (#1) & 0.1 (#2 & #3)

SOILS LEGEND			
SOIL	NAME	CLASS	K FACTOR
GgB	Glenely loam, 3 to 6 percent slopes	B	0.20
GgC	Glenely loam, 6 to 15 percent slopes	B	0.20
McC	Minor-channery loam, 6 to 15 percent slopes	B	0.24

OWNER
RAY E. BATEMAN, TRUSTEE & CAROLYN W. BATEMAN, TRUSTEE
617 PECK ROAD
DOWNTOWN, PA 19335

BUILDER
CARUSO HOMES
2120 BALDWIN AVE.
SUITE 200
CROFTON MD 21114
667-307-4272

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: _____ DATE _____
HOWARD SOIL CONSERVATION DISTRICT

FISHER, COLLINS & CARTER, INC.
Civil Engineering Consultants & Land Surveyors
CENTRAL SQUARE OFFICE: PARC - 10572 BALDWIN NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2295

GRADING, SEDIMENT, & EROSION CONTROL PLAN
TALL TREES
LOT 3
5519 GREEN BRIDGE ROAD
ZONING: RR-DEO
TAX MAP No. 27 GRID No. 24 PARCEL No. 26
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: MARCH, 2017
SHEET 1 OF 2

