



# 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: 4/17/2020

Permit No.: B 20001285

Building Address: 8212 RESERVIOR ROAD  
 City: FULTON State: MD Zip Code: 20759  
 Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
 Census Tract: \_\_\_\_\_ Subdivision: \_\_\_\_\_  
 Section: \_\_\_\_\_ Area: \_\_\_\_\_ Lot: 4  
 Tax Map: \_\_\_\_\_ Parcel: \_\_\_\_\_ Grld: \_\_\_\_\_  
 Zoning: \_\_\_\_\_ Map Coordinates: \_\_\_\_\_ Lot Size: 40,597

Existing Use: SFD W/RETAINING WALL  
 Proposed Use: SFD W/ RETAINING WALL  
 Estimated Construction Cost: \$ 20,000  
 Description of Work: REMOVE & REPLACE EX RETAINING WALL W/ NEW 11 1/2" WIDE TECO BLOCK SEGMENTAL WALL. 45 LNFT MAX HEIGHT 8'  
 Occupant/Tenant Name: Same size / location  
 Was tenant space previously occupied?  Yes  No  
 Contact Name: \_\_\_\_\_  
 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:	<b>Depth</b>	<b>Width</b>
Gross area, sq. ft./floor:	1 <sup>st</sup> floor:	
	2 <sup>nd</sup> floor:	
Area of construction (sq. ft.):	Basement:	
	<input type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
<b>Construction type:</b>	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input type="checkbox"/> Structural Steel	<b>Multi-family Dwelling</b>	
<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 checked="" type="checkbox"/> No	Roof:	
<b>Roadside Tree Project Permit #</b>	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Property Owner's Name: JEFFREY REGNER  
 Address: 8212 RESERVIOR ROAD  
 City: FULTON State: MD Zip Code: 20759  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Applicant's Name & Mailing Address, (If other than stated herein)  
 Applicant's Name: APPLIED & APPROVED  
 Address: PO BOX 310  
 City: PERRY HALL State: MD Zip Code: 21128  
 Phone: 443-610-7514 Fax: \_\_\_\_\_  
 Email: MICHELLE@APPLIEDANDAPPROVED.COM

Contractor Company: GREEN FUTURE CONSTRUCTION  
 Contact Person: ILIE PINTILIE  
 Address: 14608 OLD GUNPOWDER ROAD  
 City: LAUREL State: MD Zip Code: 20707  
 License No.: 98280  
 Phone: 301-603-1080 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

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

Utilities	
Electric:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" 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 checked="" 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.

[Signature]  
 Applicant's Signature  
MICHELLE@APPLIEDANDAPPROVED.COM  
 Email Address  
PERMITS  
 Title/Company

MICHELLE CLANCY RECEIVED  
 Print Name  
4/17/2020 APR 17 2020  
 Date  
 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>5/11/20</u>	<u>H. Oswald</u>

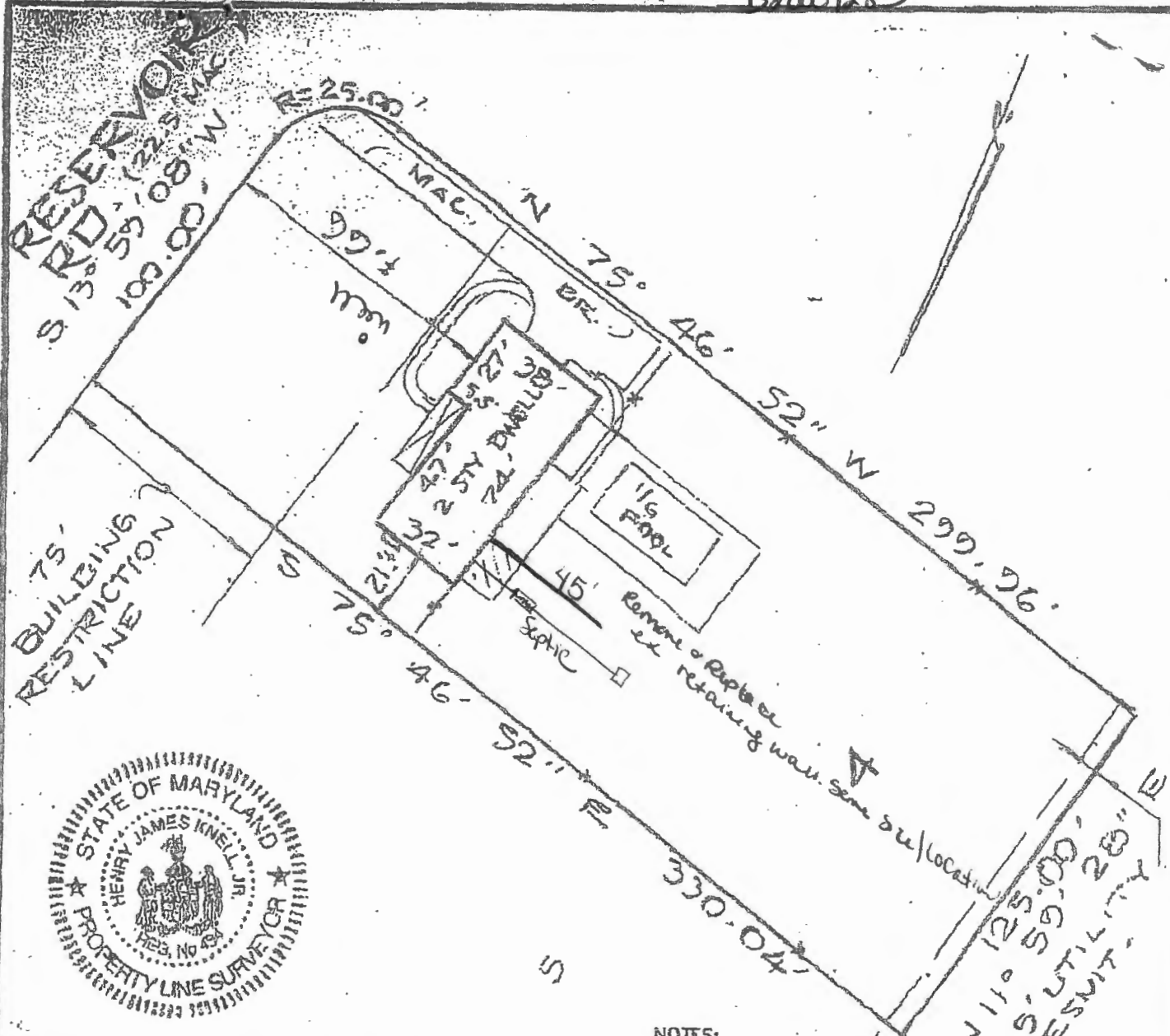
Is Sediment Control approval required for issuance?  Yes  No  
 CONTINGENCY CONSTRUCTION START

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	\$ <u>50</u>
Tech Fee	\$ <u>5</u>
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$ <u>55.00</u>
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>NO PAYMENT SUBMITTED W/APP</u>

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

B20061285



REFERENCE: LOT 4 AS SHOWN ON A PLAT ENTITLED "MAUCK FARM ESTATES" SECTION 1 DATED: JUNE 9, 1972 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN PLAT BOOK FOLIO

- NOTES:
- (A) THIS PLAT IS NOT INTENDED FOR USE IN ESTABLISHING PROPERTY LINES AND DOES NOT CONSTITUTE A BOUNDARY SURVEY.
  - (B) THIS PLAT IS OF BENEFIT TO THE CONSUMER ONLY INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
  - (C) THIS PLAT SHOULD NOT BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
  - (D) ACCURACY OF APPARENT SETBACK DISTANCES IS 1.0' +/-.
  - (E) THIS PROPERTY DOES NOT LIE WITHIN THE LIMITS OF A FLOOD HAZRD AREA AS DELINEATED ON THE MAPS OF THE NATIONAL FLOOD INSURANCE PROGRAM. 240044 0041 B

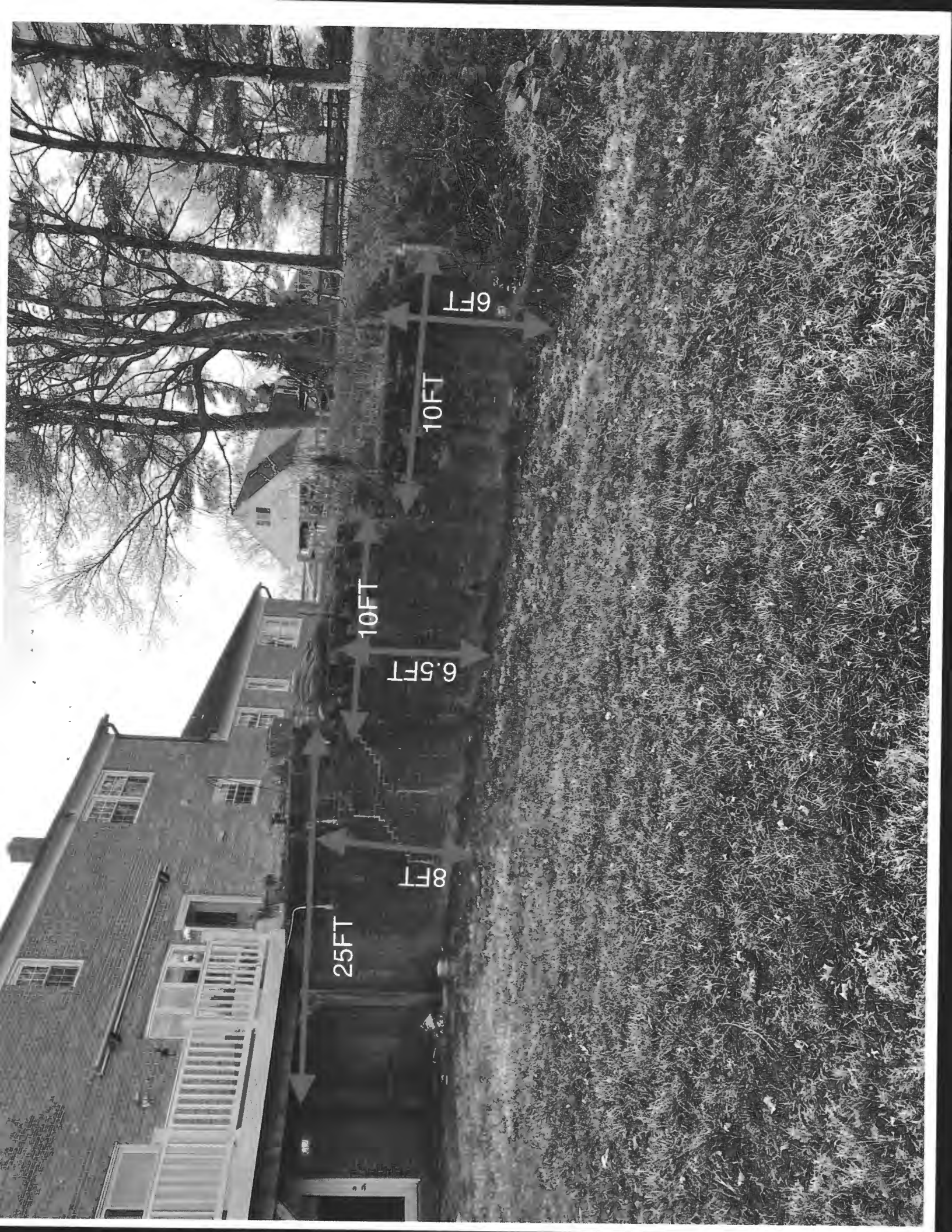
THIS IS TO CERTIFY THAT WE HAVE LOCATED THE IMPROVEMENTS AS SHOWN ACCORDING TO THE REGULATIONS GOVERNING THE MARYLAND STANDARDS OF PRACTICE FOR PROFESSIONAL LAND SURVEYORS, EFFECTIVE DATE MARCH 1, 1995.

*Henry Knell, Jr.*  
 DATE 1-12-06

**W. DUVALL & ASSOCIATES, INC.**  
 ENGINEERS • SURVEYORS • LAND PLANNERS  
 530 EAST JOPPA ROAD  
 TOWSON, MARYLAND 21286  
 (410) 283-9571

LOCATION DRAWING OF  
**3212 W. RESERVOIR ROAD**

5<sup>TH</sup> ELECTION DISTRICT  
 SCALE 1" = 50'  
 HOW. COUNTY, MD.  
 DATE: 1-11-06



25FT

8FT

6.5FT

10FT

10FT

6FT

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Monday, May 11, 2020 9:08 AM  
**To:** Williams, Jeffrey  
**Subject:** Re: RETAINING WALL -8212 Reservoir Rd Fulton 20759 MD

Thanks Jeff. Will do.

Sent from my Verizon, Samsung Galaxy smartphone

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**From:** Williams, Jeffrey <jewilliams@howardcountymd.gov>  
**Sent:** Monday, May 11, 2020 8:51:27 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** RE: RETAINING WALL -8212 Reservoir Rd Fulton 20759 MD

I just talked to the guy this morning and he confirmed that the base of the wall is what is shown on the plan. He stated that there is no additional drainage or swales beyond a pipe at the end of the wall for a small amount of water. That is about 20' from the drywell. I will email him the property file with the septic as-built so he can mark the tank and drywell in the field and avoid it during construction and contact us if there is anything amiss there. I will approve the permit based on this info if you can print out this email chain at some point to get these notes into the file. Thanks  
Jeff

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**From:** Williams, Jeffrey  
**Sent:** Thursday, May 07, 2020 9:20 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** Re: RETAINING WALL -8212 Reservoir Rd Fulton 20759 MD

If it is holding back soil on the uphill side of the tank, I'd be open to looking at it, but I will need to see a more detailed plot plan showing the exact location of everything including the drainline discharge points, the proposed grading including any grading at the end of the drain, and the exact widths of the full wall. Those teco blocks go up at an angle, so if it's 8' high, the full width of the wall will be larger than just the width of one block. The critical thing for us will be the exact location of the gravel foundation and the first row.

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**From:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Sent:** Thursday, May 7, 2020 8:29 AM  
**To:** Williams, Jeffrey <jewilliams@howardcountymd.gov>  
**Subject:** Fw: RETAINING WALL -8212 Reservoir Rd Fulton 20759 MD

Hi Jeff:

Here is the rest of the information regarding the retaining wall. From what i can tell, the drains are set at the end of the wall.

Thanks,

Hank

**From:** Eli Pintilie <[eli@greenfutureus.com](mailto:eli@greenfutureus.com)>

**Sent:** Wednesday, May 6, 2020 12:46 PM

**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>

**Subject:** RETAINING WALL -8212 Reservoir Rd Fulton 20759 MD

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good afternoon,

To whom it may concerns, I was told that you inquired about this retaining wall.

It is a simple retaining wall using Techo Bloc manufacturing. Segmental blocks on 6 inch # 57 Aggregates with 4 inch perforated tile behind it.

Do you have the engineer drawings? All those info are there.

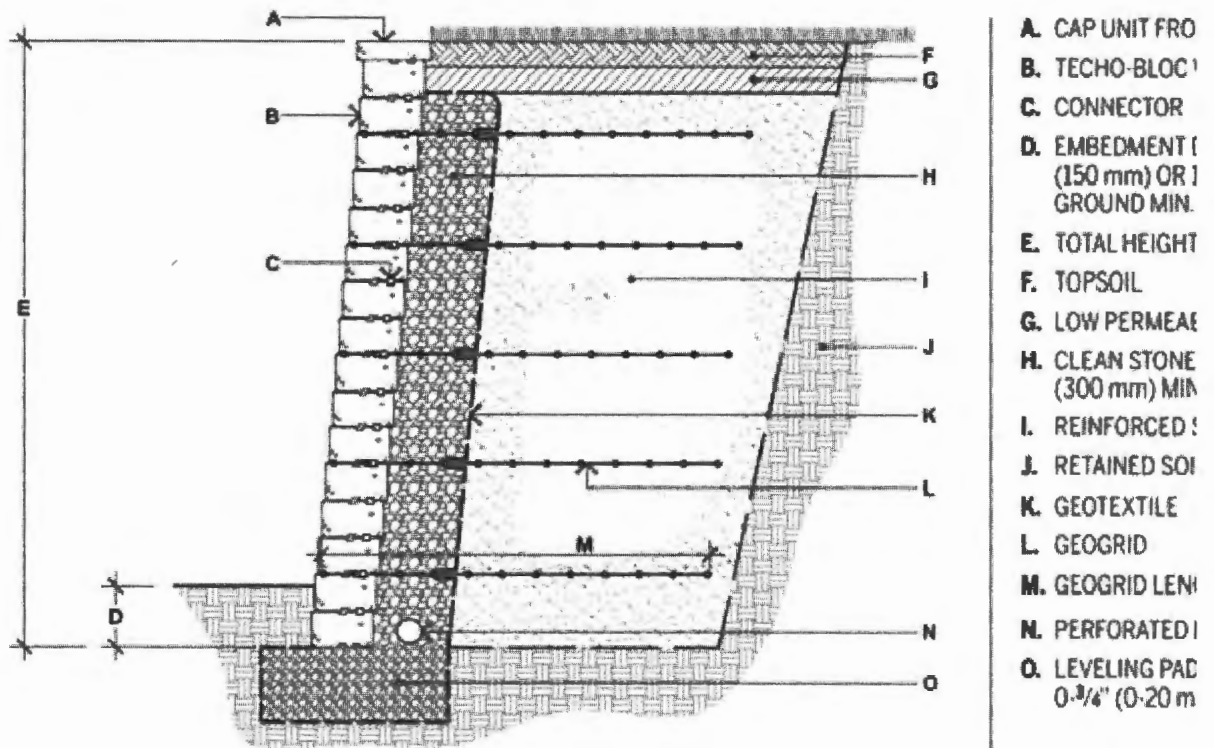
I am attaching the specs from our manufacturer

Thank you

Please let me know if you need any other information. Myself and the client been waiting for two months now

# DESIGN CHARTS

## RETAINING WALLS



 **WALL INSTALLATION - GEOGRID REINFORCED WALL**  
 Typical cross section

The information contained in the design charts is supplied for information purposes only and as such for preliminary designs. A qualified engineer should be consulted for the final design to be used for TECO-BLOC and its predecessors, successors, beneficiaries, employees, associates, administrators and in special circumstances be held liable for the incorrect use of information contained in the design charts.

The design charts show the number, position and length of the geogrids for a Techo-Bloc inclined wall retaining wall, soil type and the load conditions. Furthermore, geogrid may be required for walls with a height lower than 8.20 ft (2.5 m). The geogrid layout has been optimized to satisfy the minimum design requirements of the "Design Manual for Retaining Walls, 3<sup>rd</sup> Edition" from the National Concrete Masonry Association.

The height (H) of the wall is the total height from the leveling pad to the top of the wall, including the coping (if any) thick. The wall height varies approximately from 1.97 ft (0.6 m) to 8.20 ft (2.5 m), gradually increasing with height. The geogrid length (M) varies from 0.4 to 0.8 m.

### THE THREE TYPES OF SOIL ASSUMED IN THE REINFORCED SOIL ZONE ARE :

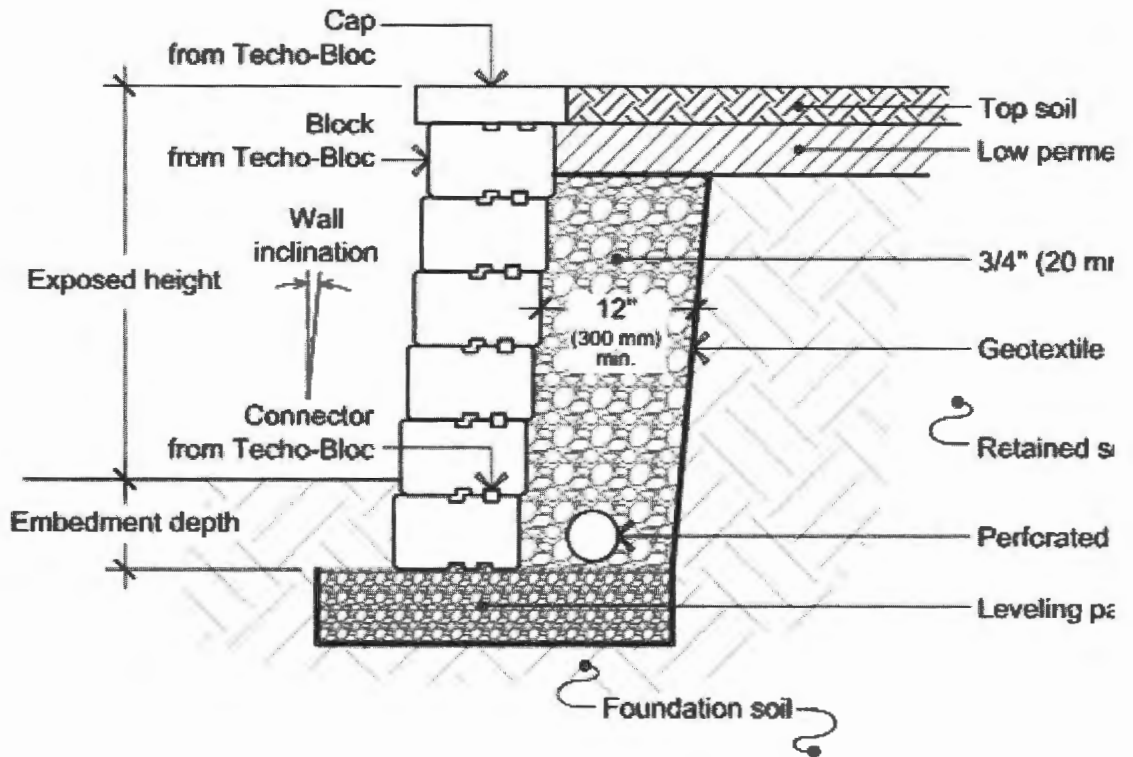
- (i) Mixes of sand and gravel (minimum friction angle of 34°);
- (ii) Sands (minimum friction angle of 30°) and;

# INSTALLATION GUIDE

## RETAINING WALLS

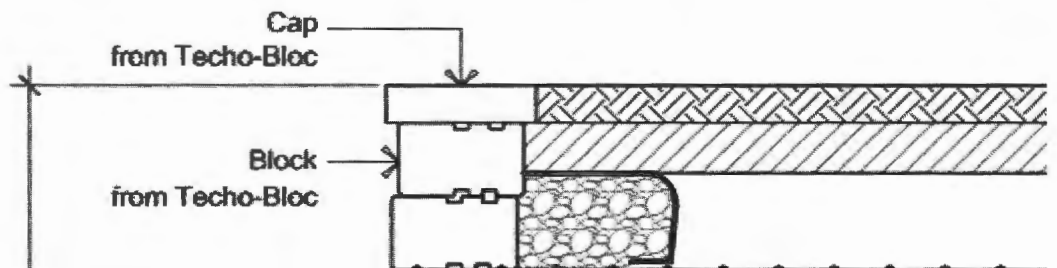
### WALL INSTALLATION - GRAVITY WALL

Typical cross section



### WALL INSTALLATION - GEOGRID REINFORCED WALL

Typical cross section



WALLS & PILARS

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Kind Regards,

***Eli Pintilie***  
President / CEO

Green Future Construction, Landscape Design & Tree Specialists

14608 Old Gunpowder Rd

Laurel, MD 20707

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Cell: 443-799-9097

Fax: 301-603-1081

Email: Eli@greenfutureus.com

Web: www.greenfutureus.com



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