

PERMIT NUMBER: B 210015 42

DATE ACCEPTED:



RESIDENTIAL BUILDING PERMIT APPLICATION

HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS

3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4
www.howardcountymd.gov

BUILDING SITE ADDRESS REQUIRED

Street Address: 12397 KONDROP DRIVE		Unit:
City: FULTON	State: MD	Zip Code: 20759
Subdivision/Village/Complex Name:		SDP/WP/BA #:
Lot: 10	Tax Map:	Parcel: Grading Permit #: - 21-112

DESCRIPTION OF WORK REQUIRED

Existing Use: SF LOT	Proposed Use: SINGLE FAMILY HOME	Estimated Cost: \$ 700,000
Trade Work to Be Completed (Separate Permits Required): <input type="checkbox"/> Mechanical (HVACR) <input type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> None		
New Home To Be Built (ALL)		

PROPERTY OWNER INFORMATION REQUIRED

Owner(s) Name(s) (As it appears on tax records): RAY + EMILY LYNN		Primary Residence: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Owner's Street Address: 8118 WESTSIDE BLVD		
City: FULTON	State: MARYLAND	Zip Code: 20759
Phone: 443-250-5483	Email:	

APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION

Business Name: GREEN LEAF BUILDERS LLC		Contact Name: STEVE C. FORNEY
Street Address: 1601 JACKSON STREET		
City: BALTIMORE	State: MD	Zip Code: 21230
Phone: 443-250-5483	Email: steven.forney@gmail.com	

CONTRACTOR INFORMATION REQUIRED

Business Name: GREEN LEAF BUILDERS, LLC		License #: 6879
Licensee's Name: STEPHEN C. FORNEY		
Street Address: 1601 JACKSON STREET		
City: BALTIMORE	State: MD	Zip Code: 21230
Phone: 443-250-5483	Email: stephen.forney@gmail.com	

ARCHITECT/ENGINEER INFORMATION INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE

Business Name: DESIGN ENGINEERING, LLC		Name: TOM KOZLOWSKI
Street Address: PO BOX 1481		
City: WESTMINSTER	State: MD	Zip Code: 21157
Phone: 443-398-5140	Email: info@ae2design.com	

BUILDING CHARACTERISTICS REQUIRED

Primary Structure: <input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> SF Duplex <input type="checkbox"/> Mobile Home <input type="checkbox"/> Multi-Family Dwelling (MF*)		Condo: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Utilities: <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Gas	Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Well)	Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Septic)
Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane <input type="checkbox"/> Other:		Roadside Tree Project: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes: #
Sprinkler System: <input checked="" type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13R <input type="checkbox"/> NFPA 13D <input type="checkbox"/> None		Fire Alarm System: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Voice Evac

ADDITIONAL RESIDENTIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)

Model Name & Options:				
# of Bedrooms (SF): 5	# of efficiency units (MF*): -	# of 1 BR (MF*):	# of 2 BR (MF*):	# of 3 BR (MF*):
# Rooms: 10	# Full Baths: 5	# Half Baths: -	# Fireplaces: 1	
Garage/Carport Info: <input checked="" type="checkbox"/> Attached Garage <input type="checkbox"/> Detached Garage <input type="checkbox"/> Integral Garage <input type="checkbox"/> Carport <input type="checkbox"/> None				
Basement/Foundation Info: <input type="checkbox"/> Slab on Grade <input type="checkbox"/> Post & Pier <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/> Finished Basement: <input type="checkbox"/> Full or <input checked="" type="checkbox"/> Partial				
1st Fl Width: 52'9"	1st Fl Depth: 30'4"	2nd Fl Width: 50'9"	2nd Fl Depth: 40'10"	Basmt Width: 50'9" Basmt Depth: 50'9"
Energy Method: <input type="checkbox"/> Prescriptive <input type="checkbox"/> Performance <input type="checkbox"/> UA Alternative <input type="checkbox"/> ERI		Gross Area: 5150 sq ft	Occupiable Area: 4635 sq ft	

AGREEMENT/ DISCALIMER REQUIRED

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.

x Stephen C. Forney x 4-20-2021
APPLICANT'S ORIGINAL SIGNATURE DATE SIGNED

FOR OFFICE USE ONLY

CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY

AGENCIES REQUIRED/APPROVALS:

<input checked="" type="checkbox"/> PR	<input checked="" type="checkbox"/> DPZ	<input type="checkbox"/> DED	<input checked="" type="checkbox"/> Health RAC	<input type="checkbox"/> SHA	<input checked="" type="checkbox"/> CID
--	---	------------------------------	--	------------------------------	---

SUBMITTAL FEES: \$150.00	PAYMENT: CK# 1303	ACCEPTED BY: DROPPIN
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Menu Save Reset Cancel Help

Record Detail * (This section is required.)

Permit Type	Permit Number	Opened Date
Building/Residential/Misc/Tanks	B21004880	12/21/2021
Description of Work		
SFD/ INSTALL (1) UNDERGROUND PROPANE TANK		
check spelling		

Address * (This section is required.)

Search Reset Clear Get Parcel & Owner

Street #	Street Name	Street Type
12397	KONDRUP	DR
Unit Type	Unit #	X Coordinate
--Select--		-76.9442
		Y Coordinate
		39.14122
City	State	Zip Code
FULTON	MD	20759
		Primary
		Yes

Parcel * (This section is required.)

Search Reset Clear Get Address & Owner

GIS ID *	Parcel	Parcel Area	Land Value	Improved Value	Exemption Value	Plan Area
840083	48	40075	264500	264500	0	RURAL
Legal Description						
LOT 10 BL C 40075 SF [] 12397 KONDRUP DR [] BEAUFORT PARK S 4 A 2						
check spelling						

Block	Lot	Census Tract	Council Dist	Inspection Dist	Supervisor Dist	Map #	DAP Zone
C	10	605102	5				
Plan Area	State Tax Id	Subdivision Name					
	1405351405						
Section	Area	Tax Map					
		45					
Grid	Zoning District	ADC Map					
45-12	RR-DEO	5051-J8					
SDP No.	Final Plan No.	WP File No.					
Record Plat No.	WS Contract No.	FDP No.					
		Primary					
		Yes					
Owner Occupied	Year Built	Historic District					
<input type="radio"/> Yes <input checked="" type="radio"/> No		<input type="radio"/> Yes <input checked="" type="radio"/> No					
Historic District Registry No.	Stat Area	Flood Plain					
	5-15A	<input type="radio"/> Yes <input checked="" type="radio"/> No					
Building No							

Owner * (This section is required.)

Search Reset Clear

Name *		
LYNN RAYMOND GALLOWAY JR		
Address Line 1		
8118 WESTSIDE BLVD		
Address Line 2		
Address Line 3		
Mail City	Mail State	Mail Zip Code
FULTON	MD	20759
Phone	Primary	
301-725-3232	Yes	
E-mail		
Cell Number	Fax Number	

Professionals (This section is not required.)

APPROVED
WALK-THRU BUILDING PERMIT
 BP# 621004880 A#
 APP. SAN CABANUG 00997 DATE: 12/22/2021
 DESC. OF WORK: INSTALL
1x 1k UPT

Search Reset Clear

License # *	Business Name		
103851	HJ POIST		
License Type *	First Name	Middle Name	Last Name
Propane Gs	SEAN		UNDERWOOD
Primary	Address Line 1		
Yes	360 MAIN STREET		
	Address Line 2		
	City	State	ZIP Code
	LAUREL	MD	20707
	Phone 1	Phone 2	Fax
	301-725-3232		
	E-mail		

Applicant (This section is not required.)

Search As Owner As Lic. Prof As Contact

Type *	First Name	MI	Last Name
Applicant	MICHELLE		CLANCY
Relationship	Full Name		
Applicant	MICHELLE CLANCY		
Primary	Organization Name		
Yes	APPLIED & APPROVED PERMITS LLC		
	Street Address		
	P.O. BOX 310		
	Address Line 2		
	City	State	Zip Code
	PERRY HALL	MD	21128
	Phone	Cell	Fax
	443-340-1229		
	E-mail *		
	MICHELLE@APPLIEDANDAPPROVED.COM		

Addtl Info

Est Construction Cost *	Housing Units *	Number of Buildings *	Public Owned
3000	0	0	No
Construction Type			
329 - Structures Other Than Buildings (Retaining Walls/Tents)			

TANK INFORMATION

RESIDENTIAL TANK INFORMATION

Capital Project-No Fee *	Capital Project Number	Fee Exempt *	Roadside Tree Project Permit *	Roadside Tree Permit #
<input type="radio"/> Yes <input checked="" type="radio"/> No		<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Existing Use	Number of Tanks Installed *	Number of Tanks Removed *		
SFD	1	0		
Water Supply	Sewage Disposal	Expiration Date	Relocate Existing Tank *	
Private	Private	6/19/2022	0	

PAYMENT INFORMATION

Check 1	Payee 1	Check 2	Payee 2	SAP Doc No	SAP Entered

Related Records

Showing 1-5 of 6

Permit Number	Record Type Alias	Status	Number	Street Name	Opened Date	Description
B21001542	Residential New Single Family Dwelling Permit	Issued	12397	KONDRUP	04/20/2021	SFD/ CUSTOM/ 2 STORY, Full Basement, Basement = Partially
E21003407	Residential Electrical New Home Permit	Issued	12397	KONDRUP	07/12/2021	New sfd - to install 400 amp service & wiring; (5) phone devices &
F21001155	Residential New-Addition SFD Sprinkler Permit	Issued	12397	KONDRUP	09/14/2021	SFD/ CUSTOM/ INSTALL A NEW NFPA 13D SPRINKLER SYST
M21000738	Residential HVAC New Permit	Issued	12397	KONDRUP	08/23/2021	NEW SINGLE FAMILY DWELLING / INSTALL HVAC SYSTEM /
P21002832	Residential New Plumbing Permit	Issued	12397	KONDRUP	07/14/2021	NEW SFD// INSTALL GAS AND PLUMBING FIXTURES// (BASI

Page 1 of 2

Submit Cancel

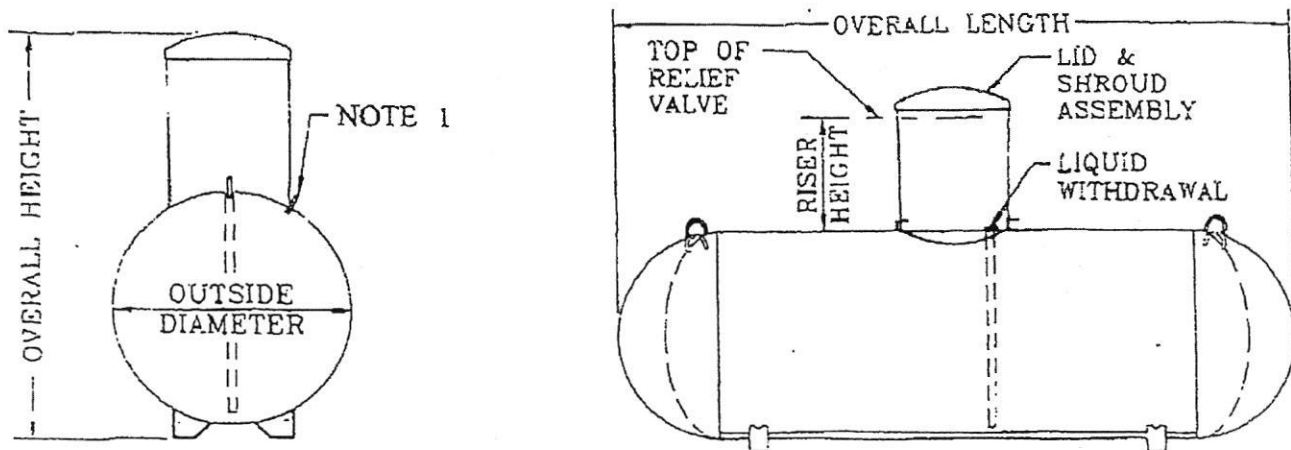


1-40

12397 Kennelrue Dr.

TRINITY INDUSTRIES, INC.

Underground Vessel



General Specifications

Conforms to the latest edition and addenda of the ASME, Section VIII, div.1 code for Pressure Vessels. Complies with NFPA 58 and is listed by Underwriters Laboratories, Inc.

Rated at 250 psig from -20°F. to 125°F. All tanks may be evacuated to a full (14.7 psi) vacuum.

Vessel Finish: Coated with epoxy red powder.

Applicable federal, state or local regulations may contain specific requirements for protective coatings and cathodic protection. The purchaser and installer are responsible for compliance with such federal, state or local regulations.

All vessel dimensions are approximate

WATER CAPACITY	OUTSIDE DIAMETER	HEAD TYPE	OVERALL LENGTH	OVERALL HEIGHT		WEIGHT	QUANTITY IN FULL LOAD
				Riser Height			
				14"	28"		
120 wg 454.2 L	24" 609.6 mm	Ellip	5' - 5 7/8" 1671.6 mm	3' - 9 7/8" 1165.2 mm	4' - 8 3/8" 1431.9 mm	252 lbs. 114.3 kg	63
250 wg 946.3 L	31.5" 800.1 mm	Hemi	7' - 2 1/2" 2197.1 mm	4' - 5 3/8" 1355.7 mm	5' - 3 3/8" 1609.7 mm	472 lbs. 214.1 kg	42
320 wg 1211.2 L	31.5" 800.1 mm	Hemi	8' - 11 3/4" 2736.9 mm	4' - 5 3/8" 1355.7 mm	5' - 3 3/8" 1609.7 mm	588 lbs. 266.7 kg	35
500 wg 1892.5 L	37.42" 950.5 mm	Hemi	9' - 10" 2997.2 mm	4' - 11 3/8" 1506.6 mm	5' - 9 7/8" 1773.2 mm	921 lbs. 417.8 kg	25
★ 1000 wg 3785.0 L	40.96" 1040.4 mm	Hemi	15' - 10 7/8" 4846.6 mm	5' - 2 7/8" 1597.0 mm	6' - 1 3/8" 1863.7 mm	1731 lbs. 785.2 kg	15 ★
2000 wg 3785.6 L	46.614" 1183.9 mm	Ellip	23' - 9 3/8" 7248.5 mm	5' - 8 13/16" 1747.8 mm	6' - 7 5/16" 2014.5 mm	3685 lbs. 1671.4 kg	8

**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 6-15-2021
To: Cathy A. Spencer Freeman,
(Person's Name and Division) Health Dept.
From: GREEN LEAF BUILDERS, LLC
(Your Name, Company Name and Telephone Number) (410) 977-1328
Subject: Project name LYNN RESIDENCE
Project site address 12397 KONDROP DRIVE, FULTON, MD 20741
Permit # B21001542 SDP # _____
Other information pertinent to this project _____

☒ Please check the attachments below that you are submitting with this transmittal:

- ☐ Letter of response to address plan review comment letter
☒ Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
☐ Letter Summarizing Changes
☐ Energy conservation calculations
☒ Copies of FIRST FLOOR STUDY (be specific). + FULL SET FOR HEALTH DEPARTMENT
☒ Health Department Request ☐ DPZ/ DED Request ☐ Applicant's Request
☐ Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
☐ Other _____

Contact Person Information: (Required)

STEPHEN FORNEY
Please Print Name

Telephone No: 410-977-1328

E-Mail Address: hrbuilder@comcast.net

PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.

Received by _____

GENERAL NOTES

1. THIS SUBJECT PROPERTY IS ZONED RR-DEO.
2. THE PROJECT BOUNDARY IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY VOGEL ENGINEERING AND TIMMONS GROUP ON, OR ABOUT, FEBRUARY 16, 2021.
3. DEED REFERENCES: LIBER 10700 FOLD 614
4. THE EXISTING TOPOGRAPHY SHOWN HEREON IS TAKEN FROM FIELD RUN SURVEY WITH 2' CONTOUR INTERVALS PREPARED BY VOGEL ENGINEERING AND TIMMONS GROUP DATED FEBRUARY 16, 2021. INFORMATION IS SUPPLEMENTED WITH CURRENT HOWARD COUNTY QDS DATA.
5. SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
7. DPE REFERENCES: PB-26 PAGE: 55

WARNING!
INSTALL HIGHLY VISIBLE AND PROTECTIVE DEVICES AROUND WELLS PRIOR TO COMMENCEMENT OF GRADING OPERATIONS. MAINTAIN PROTECTIVE DEVICES THROUGHOUT DURATION OF CONSTRUCTION ACTIVITIES

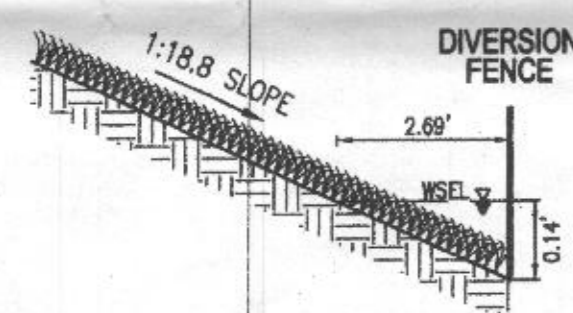
NOTE: LOCATE STOCKPILE AS SHOWN HEREON OR AS DIRECTED BY THE SEDIMENT CONTROL INSPECTOR. STOCKPILES EXCEEDING 15 FEET IN HEIGHT SHALL BE BENCHED.

NOTE:
- SILT FENCE IS TO BE REPLACED WITH SUPER SILT FENCE AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR.
- SILT FENCE SHALL BE CURLED UPHILL. NO MORE THAN 35 FEET APART
- DOUBLE ROWS OF SUPER SILT FENCE SHALL BE INSTALLED AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR.

NOTE:
STABILIZATION IS TO BE DONE AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR OR AT THE INTERVALS REQUIRED BY THE 2011 STDs. & SPECS. WHICHEVER IS MORE RESTRICTIVE.

DIVERSION FENCE A

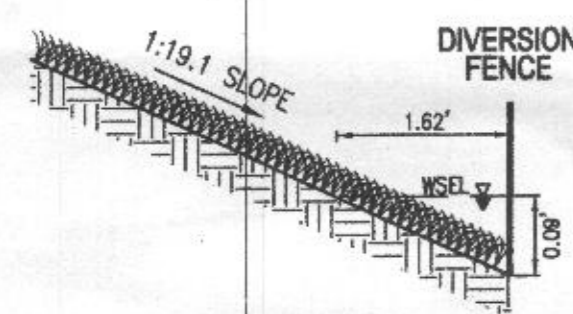
A = 0.38 AC.
IMP. = 0.04 AC.
GRASS = 0.34 AC.
Tc = 10.0 MIN.
I₂ = 4.5
C = 0.21
Q₂ = (A)(C)(I₂)
Q₂ = (0.38)(0.21)(4.5)
Q₂ max = 0.36 CFS
V₂ max = 1.88 FPS
S = 5.17%
n = 0.03



DIVERSION FENCE
NOT TO SCALE

DIVERSION FENCE B

A = 0.10 AC.
IMP. = 0.00 AC.
GRASS = 0.10 AC.
Tc = 10.0 MIN.
I₂ = 4.5
C = 0.21
Q₂ = (A)(C)(I₂)
Q₂ = (0.10)(0.21)(4.5)
Q₂ max = 0.09 CFS
V₂ max = 1.31 FPS
S = 5.04%
n = 0.03



DIVERSION FENCE
NOT TO SCALE

OWNER/DEVELOPER CERTIFICATION:
I HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION, OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS APPROVED EROSION AND SEDIMENT CONTROL PLAN, INCLUDING INSPECTING AND MAINTAINING CONTROLS, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT PRIOR TO BEGINNING THE PROJECT. I CERTIFY RIGHT-OF-ENTRY FOR PERIODIC ON-SITE EVALUATION BY HOWARD COUNTY, THE HOWARD SOIL CONSERVATION DISTRICT AND/OR MDE.

DATE: 4/16/21
DESIGNER'S SIGNATURE: [Signature]
PRINTED NAME & TITLE: ROBERT H. VOGEL, PE No. 16183

DESIGN CERTIFICATION:
I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH CURRENT MARYLAND EROSION AND SEDIMENT CONTROL LAWS, REGULATIONS, AND STANDARDS, THAT IT REPRESENTS A DRAFTER AND REVIEWABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

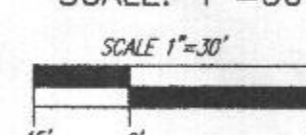
DATE: 4/16/21
DESIGNER'S SIGNATURE: [Signature]
PRINTED NAME: ROBERT H. VOGEL, PE No. 16183
M.D. REGISTRATION NO. 16183
R.L.S. OR R.L.A. (check one)

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 04/09/21
HOWARD SOIL CONSERVATION DISTRICT

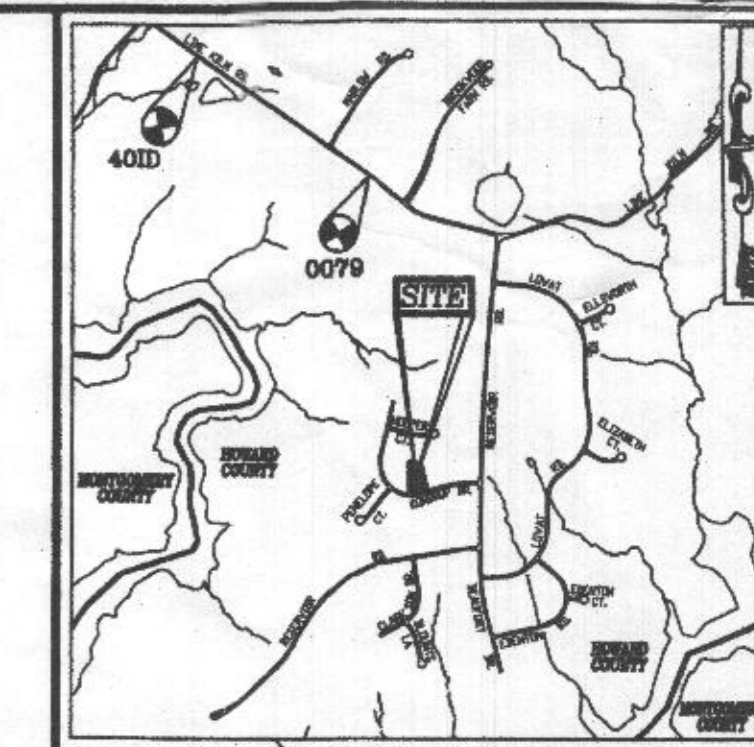
GRADING PLAN

SCALE: 1"=30'



LEGEND:

- PROPERTY LINE
- ADJACENT PROPERTY LINE
- RIGHT-OF-WAY LINE
- EXISTING EDGE OF PAVING
- EXISTING WELL
- EXISTING TREELINE
- EXISTING SEWAGE DISPOSAL AREA
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- SOILS
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED DIVERSION FENCE
- PROPOSED SUPER SILT FENCE
- PROPOSED SILT FENCE
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE



VICINITY MAP

SCALE: 1"=2,000'
ADC MAP COORDINATE: 6051-JB

BENCHMARKS

HOWARD COUNTY BENCHMARK 401D (CONC. MON.)
N 541312.56 E 1325896.28 ELEV. 367.00
LOCATION: BY #12639 LIME KILN ROAD
HOWARD COUNTY BENCHMARK 0079 (CONC. MON.)
N 540070.96 E 1327702.79 ELEV. 426.13
LOCATION: LIME KILN ROAD EAST OF BROWNS BRIDGE ROAD

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE	HYDRIC
--------	--------------------	-------	----------	----------	--------

GgB GLEBELC LOAM, 3 TO 8 PERCENT SLOPES
-SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
-K VALUES PER <https://www.howarddec.org/documents/-/x-factors> (USE K)
-HOWARD COUNTY SOILS MAP NUMBER 23 - CLARKSVILLE SE

NOTE:
WORM-GROOVED SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT

SOIL STABILIZATION MATTING

A = 0.25 AC.
IMP. = 0.00 AC.
GRASS = 0.25 AC.
Tc = 10.0 MIN.
I₂ = 6.6
C = 0.21
Q₂ = (A)(C)(I₂)
Q₂ = (0.25)(0.21)(6.6)
Q₂ max = 0.35 CFS
V₂ max = 2.12 FPS
S = 3.74%
n = 0.03
SHEAR STRESS = 0.24

Approved B2001542
RAC 6/23/2021

OWNER

RAY LYNN
EMILY LYNN
8118 WESTSIDE BLVD
FULTON, MD 20759
PHONE: (443) 250-5483

DEVELOPER

GREENLEAF BUILDERS
C/O STEPHEN C. FORNEY
1601 JACKSON STREET
BALTIMORE, MD 21230
PHONE: (443) 250-5483

GRADING PLAN

12397 KONDRUP DRIVE
FULTON, MD 20759

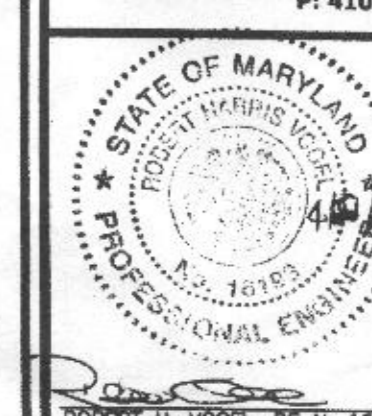
L 10700 / F. 614
TAX MAP: 45 GRID: 12
5TH ELECTION DISTRICT

LOT: 10
PARCEL: 48
ZONED: RR-DEO
HOWARD COUNTY, MARYLAND

VOGEL ENGINEERING

TIMMONS GROUP

3300 NORTH RIDGE ROAD, SUITE 110, ELLICOTT CITY, MD 21043
P: 410.461.7666 F: 410.461.8961 www.timmons.com



DESIGN BY: RHY
DRAWN BY: JMR
CHECKED BY: RHY
DATE: APRIL 2021
SCALE: AS SHOWN
W.O. NO.: 47457

PROFESSIONAL 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.

1 SHEET OF 2



1 Second Floor Plan
1/4" = 1'-0"

Ae² DESIGN ENGINEERING, LLC
 ph: 443.366.6140 fax: 410.458.3870
 e-mail: info@aedesign.com
 PO BOX 1481, WESTMINSTER, MD 21157

0 1 4 8 12
 1/4" = 1'-0"

0 1 4 8 10
 3/16" = 1'-0"

0 2 8 16 24
 1/8" = 1'-0"

THIS BORDER IS FULL SIZED AT 24"x36" VERIFY SCALE WITH GRAPHIC. DO NOT SCALE DRAWING

Professional Certification
 I certify that this document was prepared or reviewed by me and that I am a duly licensed Professional Engineer under the laws of the State of Maryland
 License 34723 Exp 7-5-2021

Revision Information:

No.	Description	Date
A	REV A	12/17/2020

Residence of Ray and Emily Lynn

STATUS: Issued for Permit

ADDRESS: 12397 Krondrup Drive
Fulton, MD

CLIENT NAME: Greenleaf Builders

SHEET TITLE: Second Floor Plan

Project number: _____
 Date: 03/25/2021
 Drawn by: _____ Author
 Checked by: _____ Checker

A2.30

Scale: 1/4" = 1'-0"

3/25/2021 7:50:11 PM

Professional Certification
I certify that this document was
prepared or reviewed by me and
that I am a duly licensed
Professional Engineer under the
laws of the State of Maryland
License 34723 Exp 7-5-2025

No.	Description	Date
B	REV B	1/17/2021

[illegible]

STATUS: Issued for Permit

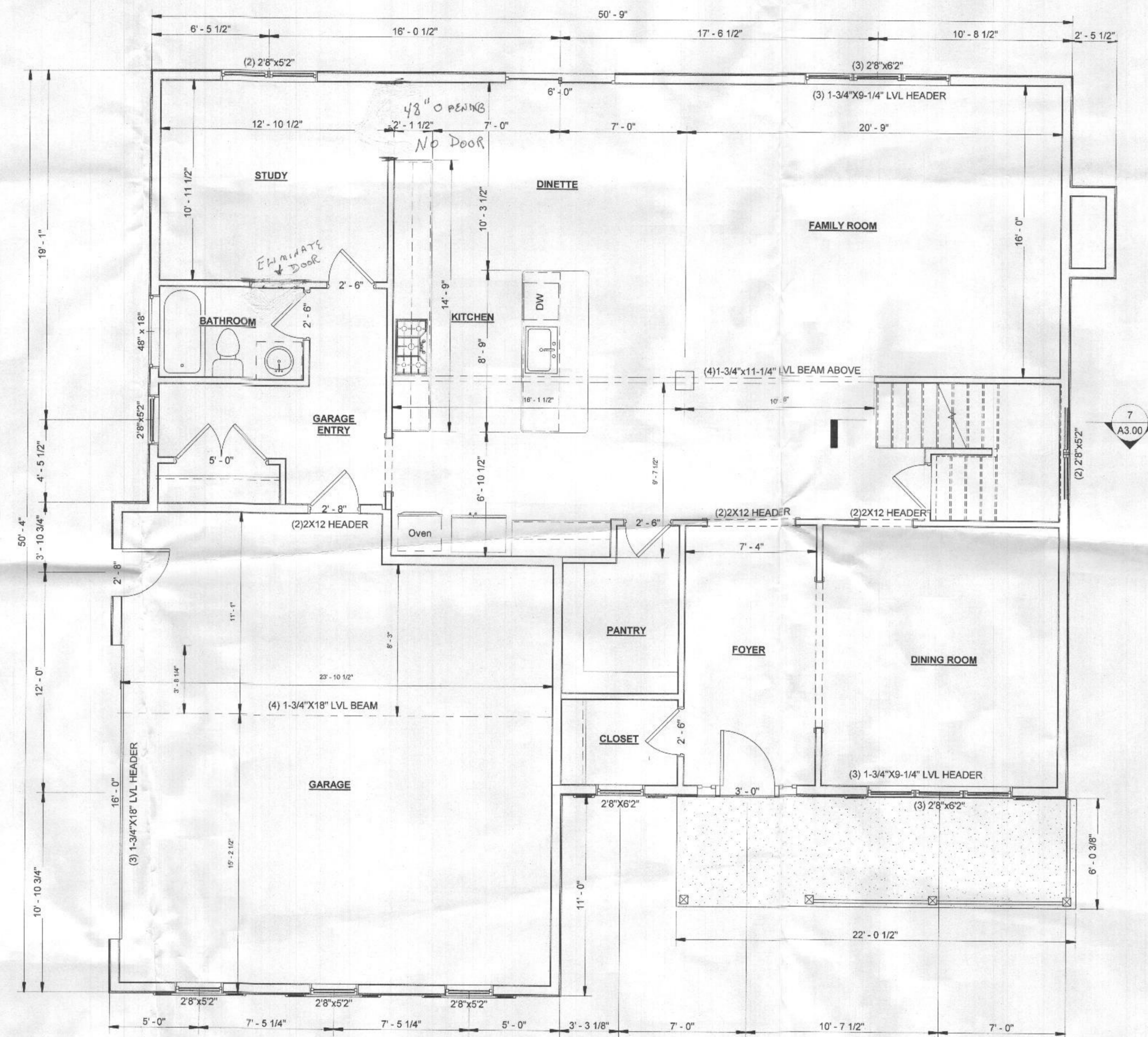
CLIENT NAME: Greenleaf Builders

Project number _____

Date	03/25/2021
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Drawn by	Author
Checked by	Checker

Scale $1/4" = 1'-0"$



① First Floor Plan
1/4" = 1'-0"

THIS BORDER IS FULL SIZED AT 24"X36". VERIFY
SCALE WITH GRAPHIC . DO NOT SCALE DRAWING

Professional Certification
I certify that this document was prepared or reviewed by me and that I am a duly licensed Professional Engineer under the laws of the State of Maryland
License 34723 Exp 7-5-2021

Revision Information:

[illegible]

Residence of Ray and Emily
Lynn

STATUS: Issued for Permit

ADDRESS: 12397 Krondrup Drive
Fulton, MD

CLIENT NAME: **Greenleaf Builders**

SHEET TITLE:

Finished Basement Plan

Project number	
Date	03/25/2021
Drawn by	Author
Checked by	Checker

A2.10

Scale $1/4" = 1'-0"$

3/25/2021 7:50:09 PM