

G14000305

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: 10/7/19

Permit No.: <u>B</u>19003392

Address: 1686 E. Gude Drive City: Fulton State: MD Zip Code: 20759 Suite/Apt. # SDP/WP/BA #: Highland Reserve aka Regan Property Section: Area: Lot: 21 Fax Map: 34 Parcel: 200 Grid: 24 Zoning: RR-DEO Map Coordinates: Lot Size: 1.034 acres Address: 1686 E. Gude Drive City: Rockville State: MD Zip Code: 20850 Phone: 301-762-9511 ext 318 Fax: Email: MQuint410@yahoo.com Applicant's Name & Mailing Address, (If other than stated herein) Applicant's Name: Vicky Meyer Address: 1602 Pin Acte RD, City: Tous Son State: MD Zip Code: 2123 Phone: 44-3-250-3690 Fax: ;	Building Address: 12244 Pleasant	Springs Ct.		Property Owner's Name: <u>MB Highland Reserve</u>	
Solite/Apt. # SDP/WP/8A H: ** **Spation/Naures** **Professor Professor **Subdivision: sea Require Prepary **Subdivision: sea Require Professor **Subdivision: sea Require Profess	City: Fulton State:	MD Zip Code: 20759		Address: <u>1686 E. Gude Drive</u>	
APPLICATE Subdivident also Regala Plaques FORCESTORY: AFCR: Lot. 21 FOR MAP: 34 Parcel: 200 Grid: 24 FOR MAP: 35 Parcel: 400 July 21p Code: 212 FOR MAP: 35 Parcel: 400 July 21p Code: 212 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 212 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 212 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 212 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 3-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 4-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 4-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 4-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 4-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 4-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 4-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 4-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 4-25,07-35 40 Parcel: 400 July 21p Code: 20850 FOR MAP: 47 4-25,07-	Suite/Ant # SDP			City: Rockville State: MD Zip Code: 20850	_
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Tax May: 34					
Address: 1602 Pin Acte P.D. Cry Son State M.D. Zip Code: 212. Famil: M.D. R.I.D. P. Per M.I.T. @ co MAST P. Contractor Company: MB Hishland Reserve LLC Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Name: M.D. Park P.D. Contact Name: State: M.D. Zip Code: 20850 Contact Name: M. Family Dwelling Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Name: M. Zija Contact Name: M.D. Zija Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Name: M.D. Zija Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Company: M.B. Hishland Reserve LLC Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Name: M.D. Zija Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive Contact Person: Marc Quint Address: 1888 E. Quid Drive				Applicant's Name & Mailing Address, (If other than stated herein)	
Contract Part Many Coordinates: Lot Size 1038 acros				Address: 1602 Pinnacle RD	
Email: MD RIDGE PEMIT © COMMASKE PROVIDED: CONTROLLED HOUSE Single Family Dwelling Contractor Company: MB Highland Reserve LLC Contractor Contractor Company: MB Highland Reserve LLC Contractor Contr	Zoning: <u>RR-DEO</u> Map Coordina	tes: Lot Size: Lot Size		City: Touson State: MD 7in Code: 71281	0
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Address:			1.1		
Commercial Building Characteristics Fax: Zip Code: Zip Cod				Address: 1686 E. Gude Drive	
License No.: 7316	Alt. Family entrance w/ Powder Room-p	page 3B:Finished Basement: Areway			_
Email: MQuint@mitchellbest.com	10R; 6BR; 4FB; 1HB; fir	eplace 3 CM GATAGE			_
Engineer/Architect Company: Company: Contact Name: Contact Name: Contact Name: Contact Name: Contact Name: Contact Name: Company: Contact Name: Contact Name	Seeking Silver Level Certification of the	NGBS-3rd party verification by Pando Allia			_
Engineer/Architect Company: Responsible Design Prof.: Address: Address: Zip Code: Tax: Zip Code: Tax: Zip Code: Zip Co	Occupant or Tenant:			Email: MQuint@mitchellbest.com	_
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Crawl Space Clectric: Yes No Reinforced Concrete No. of Bedrooms: 6 Structural Steel Multi-family Dwelling Masonry No. of efficiency units: Electric Oil Wood Frame No. of 1 BR units: No. of 3 BR units: State Certified Modular No. of 2 BR units: Other Structure: Dimensions: Other Structure: Dimensions: Pes No Roadside Tree Project Permit Footings: Grading Permit Number: Manufactured Home Manufactured Home Building Shell Permit Number: Building Shell Permit Number: G14000305 Building Shell Permit Number: Building Shell Permit Number: Building Shell Permit Number: Building Shell Permit Number: Building Shell Permit Number: Building Shell Permit Number:					7
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Masonry	Structural Steel			Heating System	1
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Email Address Agent - MD Bloc Permits Title/Company	HIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY WHIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY WHIS APPLICATION OF HOWARD COUNTY WHIS APPLICATION OF HOME	HICH ARE APPLICABLE THERETO; (4) THAT HE/SHE V NTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROI	WILL PE PERTY Frint N	RFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.	١ ١
Agent - MD Bloc Permits Title/Company	Md Bld a Pe	- MITS @ COMCASTI	10	7/2019	
Fitle/Company	Email Address	Net D	ate		
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ole 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	11-15-6	Brunner
Is Sediment Control and	roval require	ed for issuance? Mas C No

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

DPZ SETBACK INFORMATION		
Front:		
Rear:		
Side:		
Side St.:		
All minimum setbacks met?	☐ Yes	□No
Is Entrance Permit Required?	☐ Yes	□No
Historic District?	☐ Yes	□No
Lot Coverage for New Town Z	one:	
SDP/Red-line approval date:		

Filing Fee	\$ 150
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'I per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#4057

Distribution of Copies:

White: Building Officials

Green: PSZA,Zoning

Pink: Health

Gold: SHA

T:\Operations\Updated Forms\Building applmp 8.2012.docx

7018 code plans coms

I. General Requirements

- A. The term "work" as used in these notes shall include all provisions as drawn or specified in these documents as well as all other provisions specifically included by the Owner in the form of drawings, specifications, and written instructions and approved by the
- B. Contractor shall visit the site to verify oll plan and existing dimensions and conditions and shall notify the Architect in writing, of any discrepancies before proceeding with the work or shall be responsible for same.
- Contractor shall be familiar with provisions of all applicable cades and shall insure compliance of work to those cades.
- D. These documents do not include the necessory components for construction safety. Safety, core of adjacent properties during construction, compliance with state and federal regulations specified in the Owner/Contractor contract is, and shall be, the Contractor's responsibility.
- E. Contractor shall supervise and direct the work and shall be solely responsible for all construction means, methods, techniques, and safety procedures and for coordinating all portions of the work.
- F. If in the event of conflict between local, state, and notional codes, the more stringen
- G. AIA General Conditions of the Contract for Construction are a part of this project.
- H All construction is to be in compliance with the following code: Residential Code For One & Two Fornity Dwellings, 2015 Edition (As Amended By Montgamery County, MD)
- I. This project is an Owner/Builder project wherein the Owner is performing as the Contractor. The Owner is responsible for all construction means and methods as well as all compliance with building codes and other applicable laws, ordinances and regulations. The Architect is available to the Owner, however, all questions regarding this project must be directed to the Owner. The Architect assumes no responsibility for the means and methods of construction of the project, inosmuch as the Owner/Builder has full control and has assumed full responsibility.
- J. Use of these documents without written permission of the Architect is forbidden.

 © Copyright 2003 Sutton Yontis Associates Architects, P.C.

 K. Any and all drawings and specifications for sitework, plumbing supply or woste, electrical circuiting, and heating, ventilation, and air conditioning systems not contained in the "list of drawings" listed on this page are not a port of the professional services provided to the Owner by the Architect under their Agreement. Any discrepancies with these documents by any of the above listed services shown in documents by others should be indicated in writing to Architect immediately.
- L. Contractor shall be responsible for all noise attenuation requirements.

II. Structural Specifications

- The conditions and assumptions stated in these specifications shall be verified by the
 Contractor for conformance to local codes and conditions. In the event of a
 discrepancy between these specifications and local codes or conditions, the
 Contractor shall notify the Architect in writing of the discrepancy and special
 engineering requirements shall be applied to insure the building's structural integrity.
- These requirements may be superceded by more stringent information contained within the drawings. The more stringent shall be followed.
- Soil conditions shall conform to the following conditions:
 Bearing capacity: Min. 2000 psf, field verify, under all footings and slab.

Water Table: Min. 2'-0" below bottom of all concrete slabs and factings.
Footings, foundations, walls and slabs shall not be placed on or in
Morine Clay, Peat and other organic materials.

- Bottom of all footings shall extend to below frost line of the locality or to a minimum of 2'-6" below grade.
- Free droining granular bockfill sholl be used against faundation walls. Equivalent fluid pressure of backfill not to exceed 30 pcf. If backfill pressures exceed 30 pcf then foundation walls must be designed for actual equivalent fluid pressure.
- 6. All backfill under slabs and footings shall be clean, porous soil compacted in 8" layers to 95% density. Where distance from edge of foundation wall exceeds 16", but is less than 4"-0", provide backfill as described above or reinforce with #4 rebor \$\theta 2'-0" o.c., 1'-0" beyond edge of undisturbed soil and 1'-0" into foundation

1. All concrete shall attain the following 28 day compressive strengths:

-Foundation Walls, Footings, Piers and Interior Slobs . . . 3000 psi

-All other slabs on grade (including garage slabs) 3500 psi.

- 2. Reinforcing steel shall conform to ASTM A-615, new billet, grade 60.
- 3. Welded wire mesh shall conform to ASTM A-185, with minimum lops of 8".
- 5. All exposed exterior concrete shall be 5+/-1% air entrained or shall conform to
- Walls with lateral earth pressures shall be shared or floor/roof construction shall be in place prior to backfilling.
- 7. All concrete work shall be in occordance with ACI 318.

- 1. All structural steel specified in these documents shall conform to ASTM A-36
- 2. Steel pipe shall conform to ASTM A-53.
- 3. All welds shall comply with AWS standards.
- 5. All required steel anchor bolts, anchors straps, nails, caps, joist hangers shall be constructed of code approved galvanized or stoinless steel. All metal nails, hongers, strops & bolts that are in direct contact with pressure treated lumber shall be fabricated from stoinless steel or other non-corrosive metal approved by the Building Official.
- 7. Flitch Bearns: Unless noted otherwise, all steel flitch bearns sholl be asses with 2 rows of 1/2" bolts @ 12" o.c. top and bottom, stagger rows 6".

B4003397 II. STRUCTURAL SPECIFICATIONS (con

All structural wood joists and headers shall be stressed graded #2 Hem Fir 19% M.C. in accordance with NDS by NFoPA, unless noted. All wood shall comply to the following minimum specifications:

#2 Hem Fir, 19% M.C.

F min: 980 psi repetitive use 850 psi single member

F., min:

F_c min: 1 250 nsi

F_C, min: 405 psi

#2 Spruce Pine Fir 19% M.C. (#2 S.P.F.)

1,005 psi repetitive use 875 psi single member

E min: 1 400 000 psi

Fy min: 70 psi

1.100 psi

F_{C 1} min: 425 psi

#2 Southern Pine, 19% M.C. (#2 S.Y.P.)

F min: 1,120 psi repetitive use 975 psi single use

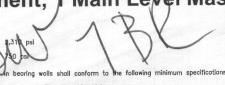
To: Howard County Health Dept.

Re: 12244 Pleasant Springs Ct.

Highland Reserve - Lot 21 (Regan Property)

6 SEPTIC BEDROOMS

(1 Basement; 1 Main Level Master; 4 Upstairs)



Stud Grade Spruce Pine Fir 19% M.C.

1.200.000 psi

675 psi

- All monufactured wood trusses and truss headers shall be designed by manufacturer according to Truss Plate Institute (TPI) and other requirements specified by local building authority. Manufacturer shall submit to Architect, shap drawings and colculations sealed by a Professional Engineer registered in the governing jurisdiction. Erection shall be in accordance with TPI "Building Camponent Safety Information (BCSI) Guide to Good Proctice for Hondling, Installing, Restraining & Bracing of Metal Plate Cannected Wood Trusses." Roof trusses and all bridging and/or lateral bracing required for structural integrity of roof truss system is to be designed by Manufacturer's drawings.
- All structural wood exposed to outside unprotected or bearing directly on concrete shall be pressure treated with approved materials to resist decay and infestation by termities and moisture.
- All wall still plotes shall be min. 2x4 and shall be anchored into foundation walls with 1/2" diameter anchor botts min. 7" into poured in place concrete and 15" into grouted cruu. Minimum 2 anchors per section of plote and anchors shall be placed 12" from end of each plote. Maximum spacing of anchors 6"-0" on center for one and two story buildings and 4"-0" on center for buildings more than two stories in height or as required per local code. Anchor straps may be used as a substitute and shall be installed per manufacturers' specifications
- All exterior wood framework supported on approved foundation walls shall be minimum
- All wood fromed exterior comers shall be laterally broade 4'-0" each direction from the corner with 1/2" exterior plywood or other code opproved structural method.
- 7. Provide continuous double top plate at all bearing stud walls.
- 8. Provide blocking between oll joists, 2 x 12 or greater, at intervals not to exceed 8'-0"
- All structural wood posts under beams and headers over 4'-0" spon shall be min.
 2-2x4 unless noted atherwise
- 10. All begring partitions shall be 2x4 study at 16" o.c. or as noted.
- 11. Provide solid blocking at 4'-0" o.c. between rim joist and first interior parallel joist.
- 12. All froming shall be detailed and installed in accordance with AF&PA Details
- 13. All ceramic tile sholl be installed per Tile Council of North America as specified in the Hondbook for Ceramic Tile Installation. Contractor is responsible for providing sufficient movement joints, os per Tile Council of North America specifications, for all floor tile. Movement joint locations and details are not o part of these documents. 14. Plywood subfloors sholl be glued and nailed to Floor Joists with APA approved elastomeric structural odhesive and 8d common nails spaced at 6" o.c. at panel elastomeric structural odhesive and 8d comme edges and 12" o.c. at intermediate supports,
- 15. All wood posts labeled continuous (cant.) shall be continuous from under side of

II. STRUGTURAL SPECIFICATIONS (continued)

- 16: Manufactured Floor Trusses: Unless otherwise noted monufactured floor trusses shall be installed in occordance with manufacturers specifications and detail
- 17. All plywood roof, floor and wall sheathing shall be APA approved.

- 1: Moterials
 Mortar: Type "S" ASTM C270
 Hollow CMU: ASTM C-90
 Face Brick: ASTM C-216
 Court Aggregated: ASTM C-49 Grout Aggregated: ASTM C-404
- 2. All masonry shall be protected from freezing for not less than 48 hours after installation and shall not be constructed below 40 degrees F without precoutions necessary to prevent freezing. No anti-freeze admixtures shall be added to the master.
- 3. Brick veneer shall be attached to wood frame with minimum #22 golvanized sheet gage corrosion-resistive corrugated metal ties min. 7/8" wide at vertical intervals max. 16" and horizontal intervals max 16". Provide weep holes at 2'-0" o.c. ⊕ first course above grade and first course above steel lintels.
- A. Provide horizontal joint reinforcement (Durawall) in all masonry walls @ 8" o.c.
- $\bar{\mathfrak{h}}_{i}$ The top course of oil mosonry bearing walls shall be constructed of solid masonry units or grout filled hollow units or atherwise designed to insure adequate
- 6. All mosonry work shall conform to the applicable requirements of BIA and NCMA

III. Doors and Windows

ons, as defined by local code, shall be th a visible manufacturer's label, designating

sture Protection

below grade enclosing hobitable spaces as

enclosing basements and crowl spaces with xterior face of woll.

istive floshing shall be provided at all near as to prevent entry of water into the wair coving or penetration of water to the building structural framing components. Similar floshings shall be installed at the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips on batt riasary construction with traine or stucce woise, with projecting lips of both sides under stucce copings; under and at the ends of mosonry wood or metal copings and sills; continuously above all projecting wood trim at wall and roof intersections; under built—in gutters; at junctions of chimneys and roofs; and in lir roof volleys and around all roof openings. All windows and doors shall be alloshed in accordance with the manufacturers written instructions.

Building Poper: When veneer of brick, clay tile, concrete, or natural or artificial atone are used, 15 pound felt or paper shall be ottached to the sheathing with flashing whenever necessary to prevent moisture penetration behind the veneer. Approved water resistant sheathing may be substituted for building paper.

V. Other

- In locations required by local code, window opening limiting devices are to be installed by window manufacturer in compliance with code section R312.2.2.
- Residential Energy Efficiency compliance is per the Total UA Alternative Method per the 2015 International Energy Conservation Code for climate zone 4A. Refer to REScheck Compliance Certificate and to "N" sheets (Energy Plans)
- NOTE: Structural Design is for Grovity Loads ONLY. Structural Engineering for Loteral Load Design requirements specified per Building Code is NOT included in these documents and shall be provided by others.

Symbols Duplex Outlet One Way Switch Duplex Outlet, Weather Proof on Ove Three Woy Switch -0 Duplex Outlet, Floor Mounted Four Woy Switch (F) 0 0 Eyeball Light Telephone Outlet Woll Washer Light (Recessed) (R) Recessed Light

五四四四四四百五百四日 B B B B B B B Dedicated Circuit Outlet Steel Angle (Lintel) Exterior Flood Lights Wall Mounted Incondescent Smoke/Corbon Manaxide Detector Pull Switch Light Cont. Running Mech Fan List of Abbreviations Medicine Cobinet Adjustoble Above Subfloor MC MFG. O.A. O.C. OPT. PART. PLYWD P.T. R/A R.C. REF R/O SF Manufacturing Overall On Center Beom Bottom of Joist Optional Portial Ceiling Concrete Masonry Unit Portial Plywood Pressure Treated Return Air Rough Cut Refrigerator Range Oven Square Feet Cased Opening Cased Opening Column Concrete Continuous Cosement Central Vocuum Double

Shower Similar Sliding Door/Window

Steel
Shelf & Pole
Solid Valley Blacking
Tongue & Groove
Top of Slab
Top of Wall
Trim
Typical
Waad

Wall Oven

	L.I. Loundry lub B.W.L. Blace	a won	шие	
	Area Calculations			
-	Areo Calculations include gross floor area to exterior face spaces and exclude upper levels of multi—story spaces.	e of wo	oll for ol	conditioned
	I LOWER FLOOR :	2580		
-	UPPER FLOOR :	1217	SF	
	TOTAL:	3797	SF	
_	OPT. BACK STAIR:	60	SF	
	OPT. BONUS ROOM W/ BACK STAIR	334	SF	
	OPT, BONUS ROOM W/ BACK STAIR AND BATH #4:	380	SF	
	FIN. BSMT :	2603	SF	
	LOWER FLOOR W/ OPT. CLOSET EXTENSION:	2613	SF	
_	OPT. DELUXE REAR EXT.	279	SF	
	OPT, MORNING ROOM EXT.	59	SF	
	OPT, FAMILY LOFT	436	SF	
-				

SHWR
SIM.
S.L.
STD.
STL.
S&P
S.V.B.
T&G
T.O.S.
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W.W.M.
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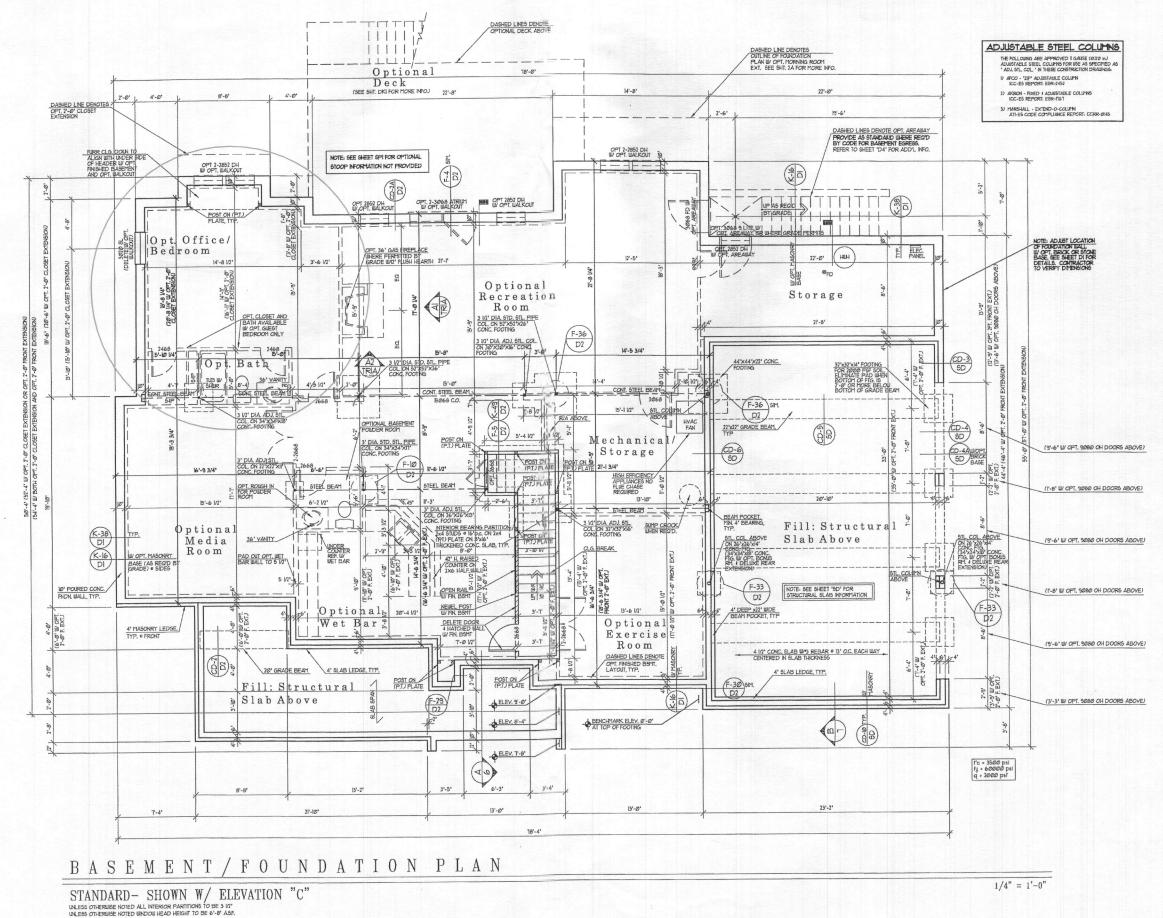
List of Drawings 15 Partial Opt. Bonus Room, Opt. Bath #4 E4 Partial Opt. Bonus Room, Library w/
& Alt, Upper Floor Framing Plans
Opt. Built-ins ® Sides, Opt. Back St
and Alt. Kitchen Electrical Plans 5 Opt. Bonus Room & Back Stair General Notes & Specifications w/ Opt, Deluxe Rear Extension & w/ Opt, Family Loft Intentionally Removed from Set Exterior Trim Details Std Fndn/Bsmt Plans w/ Opt.
Rear Ext. & Opt. Morning Room Ext.
Intentionally Removed from Set
Std Lower Floor Plans w/ Elev C
Partial Lower Floor Plans w/ Elev C Truss Joist Details
Std. Bsmt Electrical Plan
Std. Lower Floor Electrical E28 Portiol Lower Floor Electrical Plan
W/ Opt. Morning Room Extension &
Deluxe Reor Extension & Opt. Loft
E3 Std. Upper Floor Electrical Plan
E3A Partiol Alt. Upper Floor Electrical Plan
& Partial Upper Fir Electrical Plan
W/Opt. Loft Floor Plans w/ Opt. Rear Ext.
Lower Floor Plans &

CLG CMU C.O. COL. CONC. CONT. CS CVAC

DBL. DES.

Design Double Hung Detail
Dishwasher
Floor Droin/French Door

Fireplace
Footing
Ground Foult Circuit Interupter



N

SUTTON YANTIS ASSOCIATES

ARCHITECTS
3300 Boone Blvd. Tel 703,734,9733
Alema, WA 23,182 Flx. 703,947,9171

Date
A.C. OGNOTIONS of
C.B. Inviences and
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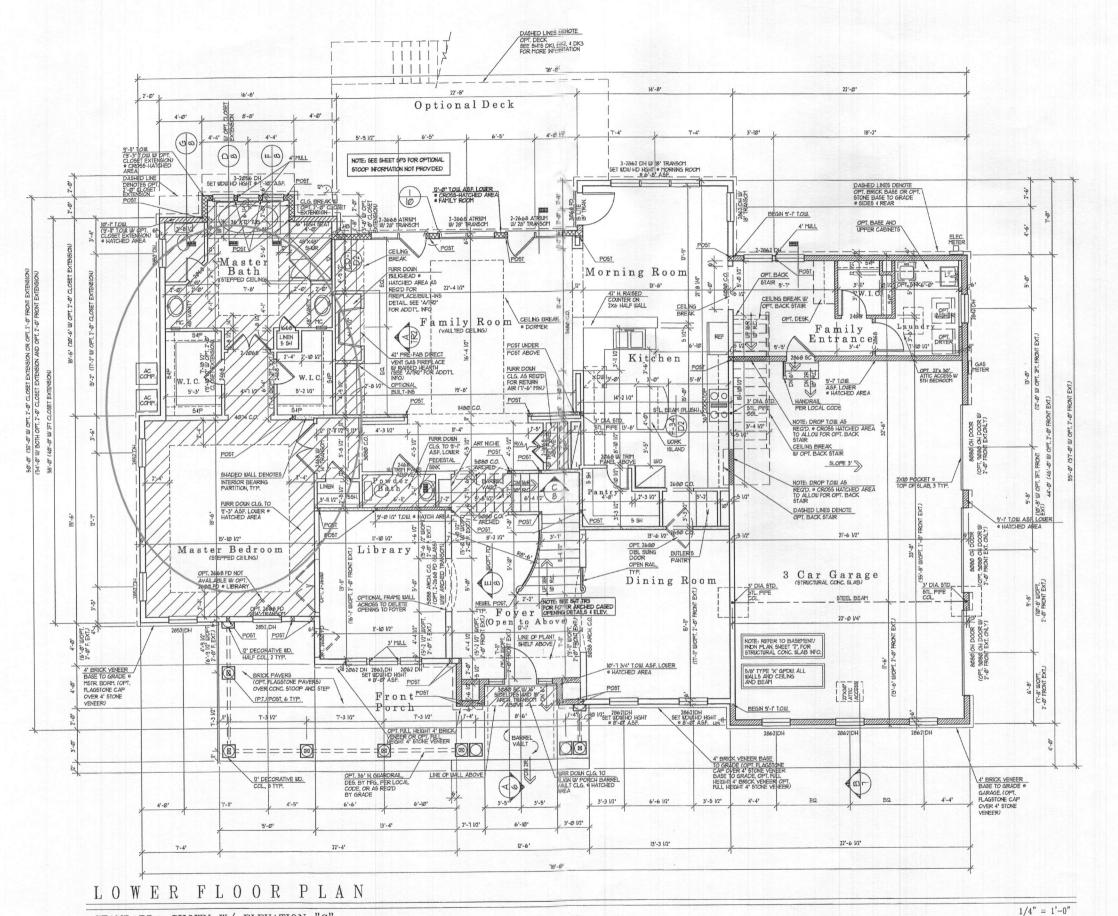
HOMES

BEST

MITCHELL

FOXRIDGE

Professional Certification. I. Martin G. Martin G. Martin Carlot Shafts, early first these decouncers were prepared or approved by me and that I am a duly licensed architect under the laws of the State of Maryland license manifort. [0199. Expiration Date: December 34, 2016.



Date
AC. CONSTITUTOS STO
REV. CHARGOS AT
C.O. LOMBORD STO
REV. CHARGOS AT
REV. CHARGOS AS
REV. CHARGOS AS
REV. CHARGOS AS
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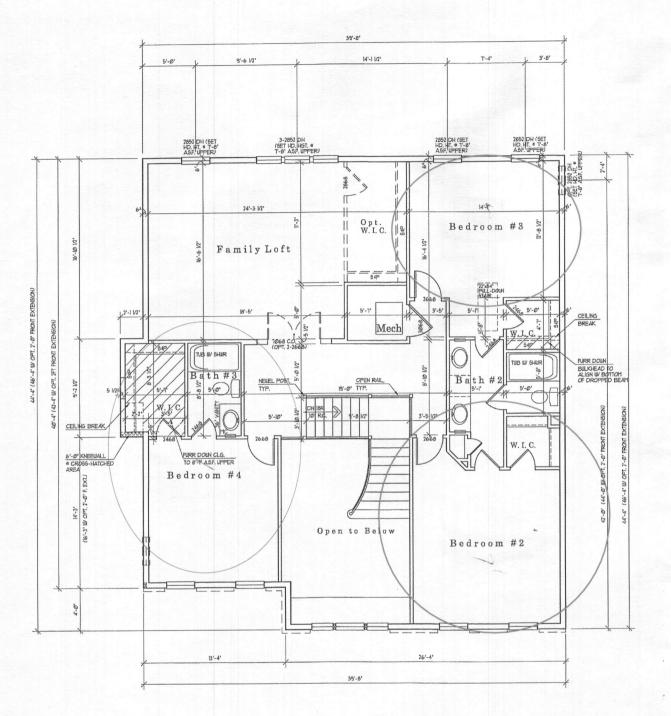
FOXRIDGE
FORTING AND A CONTROL MATHO.

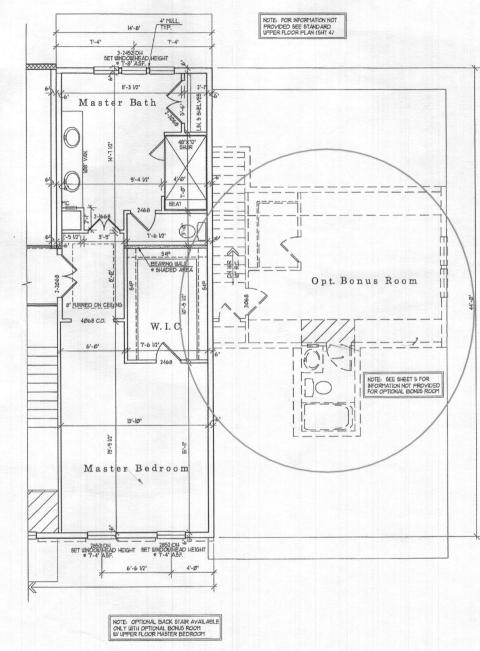
FORTING AND A CONTROL MATHO





Sheet Number





SEE STANDARD UPPER FLOOR PLAN FOR INFORMATION NOT PROVIDED

PARTIAL UPPER FLOOR PLAN

W/ UPPER FLOOR MASTER BEDROOM SHOWN W/ ELEVATION C

1/4" = 1'-0"

SUTTON
YANTIS
ASSOCIATES
ARCHITECTS
ARCHITECTS

Professional Certification, I. Martin
Vanits, certify that trees decembers
prepared or approach for reasonal
months of the certification of the certificatio

FOXRIDGE

BEST

MITCHELL

Sheet Number

UPPER FLOOR PLAN

W/ LOFT

1/4" = 1'-0"

LEGEND GbC SOILS CLASSIFICATION SOILS DELINEATION INCOMES EXISTING CONTOURS PROPOSED CONTOURS LIMIT OF WETLANDS 25' WETLANDS BUFFER - - - - -CENTERLINE OF STREAM -----STREAM BUFFER -----PROPOSED STRUCTURE SEPTIC RESERVE AREA SWM DRAINAGE DIVIDE LOD/EFFECTIVE AREA LEADER MBR-20 DETAIL 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. 45577, Expiration Date: 06-08-2020.

ESD STORMWATER MANAGEMENT SHMMARY TARLE

		LOL	2 1 OLLIAIA	AWIEKIA	MINAGEI	AIEIA I 2	UNINAR	IABLE				
Pe=	1.60	inches	Qe=	0.43	inches	ESDv=	872	cf	Rv=	0.27	de Tricato	
		DA to	Imp Area		Af (s.f.)			ESDv		RI	EV	
Practice	#	practice	to practice	Required	Provided	2% DA?	Required	Provide d	Pe Provided	Required	Provided	Ownership
(M-6) MicroBioretenion	MBR-20	7,830	4,954	157	478	PASS	728	870	1.6		207	Private
(N-2) Disc. of Non-Rooftop Runoff	NDC-1	1,357	680					51	1.0		51	Private
Total Treated	\longrightarrow	9,187	5,634	157	478		872	921	1.8	137	258	
Site Total	\longrightarrow	23,712	5,902	415 42								

BUILDING PERMIT PLAN NOTES:

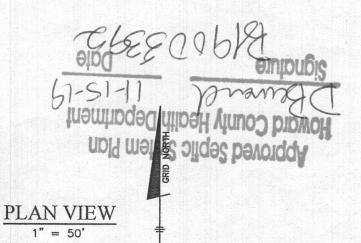
- 1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR REGAN PROPERTY, PLAT Nos. 23063-23074. REFER TO THE PLATS FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND
- SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER A GRADING
- PLAN AND MODIFIED FOR THIS SPECIFIC HOUSE.

 3. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS AND TOPOGRAPHIC INFORMATION PROVIDED BY BENCHMARK ENGINEERING, INC., ON OR ABOUT
- JANUARY, 2012.

 4. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH THE 2011 MARYLAND

 THIS STEED SECURICATIONS FOR SOIL EROSION AND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 5. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS EXCEPT AS WAIVED.
- THE EXISTING WELL SHOWN ON THIS PLAN, HO-14-0013, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., AND IS ACCURATELY SHOWN.
- 7. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.

 8. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA OR WELL BOX SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- STORMWATER MANAGEMENT FOR THIS LOT WAS DESIGNED AND PROVIDED BY ONE MICRO-BIORETENTION FACILITY (MDE M-6) AND ONE NON-ROOFTOP DISCONNECTION (MDE N-2).
- 10. MICRO-BIORETENTION SHALL HAVE 6" ROOF LEADERS.



OWNER/BUILDER:

MB HIGHLAND RESERVE, LLC 1686 EAST GUDE DRIVE ROCKVILLE, MD 20850 301-762-9511

BENCHMARK

. ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 A (F) 410-465-6644

WWW.BEI-CMILENGINEERING.COM

PROJECT:

LOCATION:

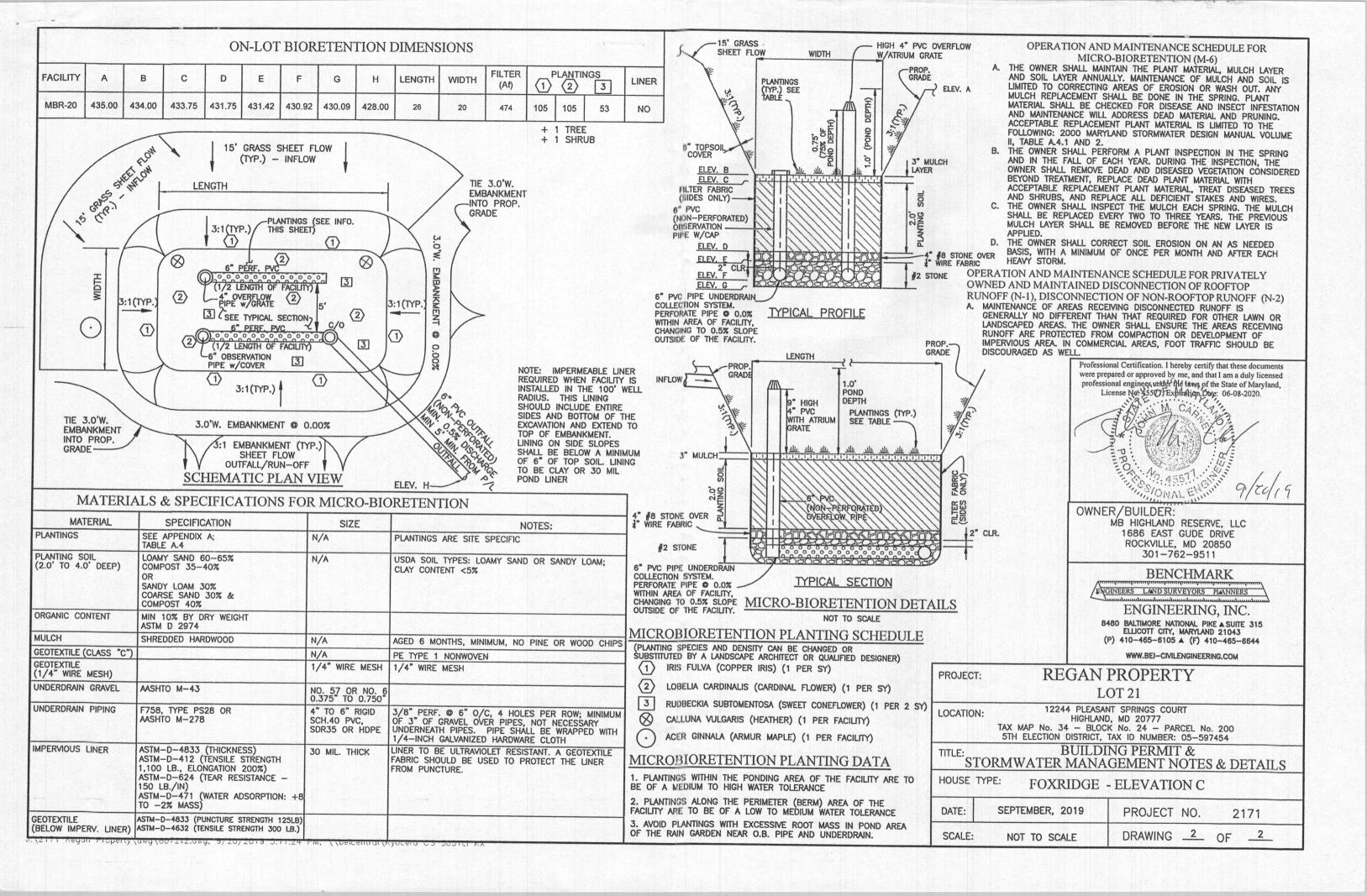
REGAN PROPERTY

LOT 21

12244 PLEASANT SPRINGS COURT

HIGHLAND, MD 20777 TAX MAP No. 34 - BLOCK No. 24 - PARCEL No. 200 5TH ELECTION DISTRICT, TAX ID NUMBER: 05-597454

	TITLE:		BUILDING	PERMIT PL	AN		
р	HOUSE	TYPE:	FOXRIDGE	- ELEVATIO	ON C		
	DATE:	SEF	PTEMBER, 2019	PROJECT	NO.	2171	
	SCALE:	AS	SHOWN	DRAWING	_1_	OF 2	



LEGEND

SOILS CLASSIFICATION SOILS DELINEATION EXISTING CONTOURS	480
PROPOSED CONTOURS	
LIMIT OF WETLANDS 25' WETLANDS BUFFER CENTERLINE OF STREAM STREAM BUFFER	
PROPOSED STRUCTURE	
SEPTIC RESERVE AREA	



GENERAL NOTES:

- 1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR REGAN PROPERTY, PLAT Nos. 23063-23074. REFER TO THE PLATS FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND
- SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER A GRADING PLAN AND MODIFIED FOR THIS SPECIFIC HOUSE.
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- 4. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
- ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS EXCEPT AS WAIVED.
- THE EXISTING WELL SHOWN ON THIS PLAN, HO-14-0013, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., AND IS ACCURATELY SHOWN.
- THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA OR WELL BOX SHALL REQUIRE A REVISED PERCOLATION
- CERTIFICATION PLAN. STORMWATER MANAGEMENT FOR THIS LOT WAS DESIGNED AND PROVIDED BY ONE MICRO-BIORETENTION FACILITY (MDE M-6) AND ONE NON-ROOFTOP DISCONNECTION (MDE N-2).
- 10. MICRO-BIORETENTION SHALL HAVE 6" ROOF LEADERS.



SEE MANUFACTURES SPECIFICATIONS FOR DETAILS. WWW.MAYERPRECAST.COM EQUIVALENT FROM OTHER MANUFACTURERS CAN BE SUBSTITUTED.

SIGNATURE AND SEAL ARE FOR SEPTIC PROFILE AND CALCULATIONS ONLY, TANK AND DETAILS WERE NOT DESIGNED OR REVIEWED BY THE ENGINEER:

OWNER/BUILDER:

MB HIGHLAND RESERVE, LLC 1686 EAST GUDE DRIVE ROCKVILLE, MD 20850 301-762-9511

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. 45371/Expiration Date: 06-08-2020.



BENCHMARK

ENGINEERS LAND SURVEYORS PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 A (F) 410-465-6644

WWW.BEI-CIVILENGINEERING.COM

PROJECT:

REGAN PROPERTY LOT 21

12244 PLEASANT SPRINGS COURT TAX MAP No. 34 - BLOCK No. 24 - PARCEL No. 200

5TH ELECTION DISTRICT, TAX ID NUMBER: 05-597454

TITLE:

SCALE:

ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

HOUSE TYPE:

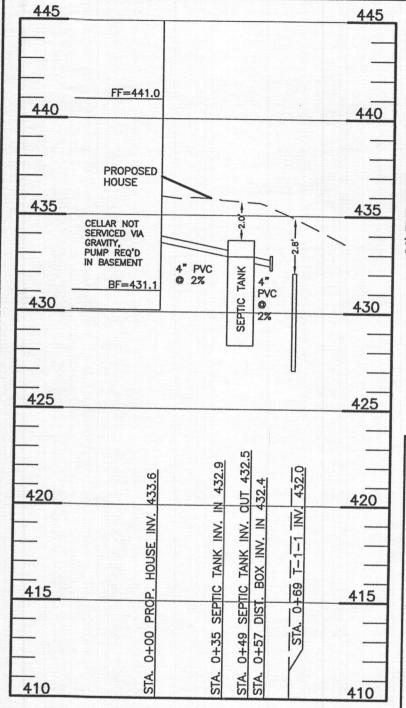
FOXRIDGE - ELEVATION C

SEPTEMBER, 2019 DATE: PROJECT NO.

2171

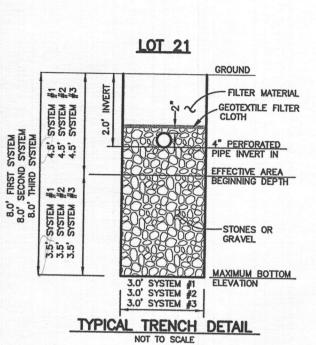
AS SHOWN

DRAWING _1



LOT 21 OSDS PROFILE SCALE: 1"=50' HORIZ., 1"=5' VERT.

OSDS INVERT CHART - LC	T 21
INV @ HOUSE	433.6
GROUND @ HOUSE	437.0
INV IN SEPTIC TANK	432.9
INV OUT SEPTIC TANK	432.5
TOP OF SEPTIC TANK	433.7
GROUND OVER SEPTIC TANK	435.7
INV IN DIST BOX	432.4
INV OUT DIST BOX	432.3
GROUND AT DIST BOX	435.4



		TRENCH DATA - LOT 2	1		
INITIAL SYSTEM		FIRST REPLACEMENT		SECOND REPLACEMENT	
TRENCH 1-1		TRENCH 2-1		TRENCH 3-1	
LENGTH	57 ft	LENGTH	45 ft	LENGTH	45 f
GROUND ELEVATION	435.0	GROUND ELEVATION	435.2		432.
INVERT ELEVATION	432.0	INVERT ELEVATION	432.1	하는 사람들의 경기를 받는 것이 되었다면서 하는 것이 되고 있다면 하는데 되었다.	430.
MAX BOTTOM ELEVATION	427.0	MAX BOTTOM ELEVATION	427.2		424.
TRENCH 1-2		TRENCH 2-2		TRENCH 3-2	
LENGTH 6	57 ft	LENGTH	45 ft	LENGTH	45 f
, ,	434.2	GROUND ELEVATION	434.6		431.0
INVERT ELEVATION	431.9	INVERT ELEVATION	431.9	[전경 18] [대한 12] [대한 1	429.0
MAX BOTTOM ELEVATION	426.2	MAX BOTTOM ELEVATION	426.6	MAX BOTTOM ELEVATION	423.
FRENCH 1-3		TRENCH 2-3		TRENCH 3-3	
LENGTH	57 ft	LENGTH	45 ft	LENGTH	45 f
GROUND ELEVATION	433.4	GROUND ELEVATION	433.9	GROUND ELEVATION	431.9
	431.4	INVERT ELEVATION	431.8	INVERT ELEVATION	429.9
MAX BOTTOM ELEVATION	425.4	MAX BOTTOM ELEVATION	425.9	MAX BOTTOM ELEVATION	423.9
TRENCH 1-4		TRENCH 2-4		TRENCH 3-4	
LENGTH	57 ft	LENGTH	45 ft	LENGTH	45 ft
	432.3	GROUND ELEVATION	433.3	GROUND ELEVATION	430.9
	430.3	INVERT ELEVATION	431.3	INVERT ELEVATION	428.9
MAX BOTTOM ELEVATION	424.3	MAX BOTTOM ELEVATION	425.3	MAX BOTTOM ELEVATION	422.9
		TRENCH 2-5		TRENCH 3-5	
		LENGTH	45 ft	LENGTH	45 ft
		GROUND ELEVATION	432.6	GROUND ELEVATION	429.9
		INVERT ELEVATION	430.6	INVERT ELEVATION	427.9

	INITIAL SYSTE	M	
\dashv	Number of Bedrooms	6	
-	Application Rate	0.6	gpd/st
	Effective Area Beginning Depth	4.5	ft
	Bottom Max Depth	8.0	ft
	Design Flow	900	gpd
	Drainage Field square footage	1500	sf
T	Sidewall reduction credit	0.45	15.
T	Trench width	3	
T	Effective Area Depth	3.5	
I	Linear Length of trench Required	227	lf
	1st REPLACEMENT S		111
	Number of Bedrooms	6	
	Application Rate	0.6	gpd/sf
-	Effective Area Beginning Depth	4.5	ft
	Bottom Max Depth	8.0	ft
-	Design Flow	900	gpd
-	Orainage Field square footage	1500	sf
	Sidewall reduction credit	0.45	
1	Trench width	3	
	Effective Area Depth	3.5	
[Linear Length of trench Required	227	If
	2nd REPLACEMENT S	YSTEM	
1	Number of Bedrooms	6	
1	Application Rate	0.6	gpd/sf
	Effective Area Beginning Depth	4.5	ft
	Bottom Max Depth	8.0	ft
1	Design Flow	900	gpd
1	Drainage Field square footage	1500	sf
1	Sidewall reduction credit	0.45)
1	Trench width	3	/
L	Effective Area Depth	3.5	
4			1

8'-10"	4'-11"
	H
24" Dia. Access Plug	
: 16	
li	

e 8 Outlet Gask
4.4

ment - Portland Type MI per ASTM C 160-92. mixtures & plasticizers per ASTM C 260-92 & C 494-92. 'morcing per ASTM A185. Min. 1-1/2" cover. [5] Top stab sealed with butyl rope mastic [6] 4" wall, 4" base, 8 6" top thickness. 7] Max 3' of cover

Mayer Bros., Inc.

lividge, Maryland 21075 Tel. 410.796.1434 Fax. 410.796.1438

2,000 GALLON SEPTIC TANK 2-Compartment Stock Item [Approx. 19,900 lbs] Dwg. No. 2000-2C

HEALTH DEPARTMENT SPEC SHEET INFORMATION LOT 21			
System	Application Rate	Effective Depth	Bottom Depth
Initial	0.6	4.5	8.0
1st Replacement	0.6	4.5	8.0
2nd Replacement	0.6	4.5	8.0

MAX BOTTOM ELEVATION

SEE MANUFACTURES SPECIFICATIONS FOR DETAILS. EQUIVALENT FROM OTHER MANUFACTURERS CAN BE SUBSTITUTED.

THIS PLAN IS FOR SEPTIC DESIGN ONLY

SIGNATURE AND SEAL ARE FOR SEPTIC PROFILE AND CALCULATIONS ONLY, TANK, PUMP, AND DETAILS WERE NOT DESIGNED OR REVIEWED BY THE ENGINEER:

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. 45577 Explication Date: 06-08-2020. ONAL ENG

OWNER/BUILDER:

424.6 MAX BOTTOM ELEVATION

MB HIGHLAND RESERVE, LLC 1686 EAST GUDE DRIVE ROCKVILLE, MD 20850 301-762-9511

BENCHMARK

Linear Length of trench Required 227 If

ENGINEERS LAND SURVEYORS PLANNERS ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 A (F) 410-465-6644

WWW.BEI-CIVILENGINEERING.COM

PROJECT:

REGAN PROPERTY

LOT 21

LOCATION:

12244 PLEASANT SPRINGS COURT FULTON HIGHLAND, MD 20777 TO TAX MAP No. 34 - BLOCK No. 24 - PARCEL No. 200 5TH ELECTION DISTRICT, TAX ID NUMBER: 05-597454

TITLE:

ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

HOUSE TYPE:

FOXRIDGE - ELEVATION C

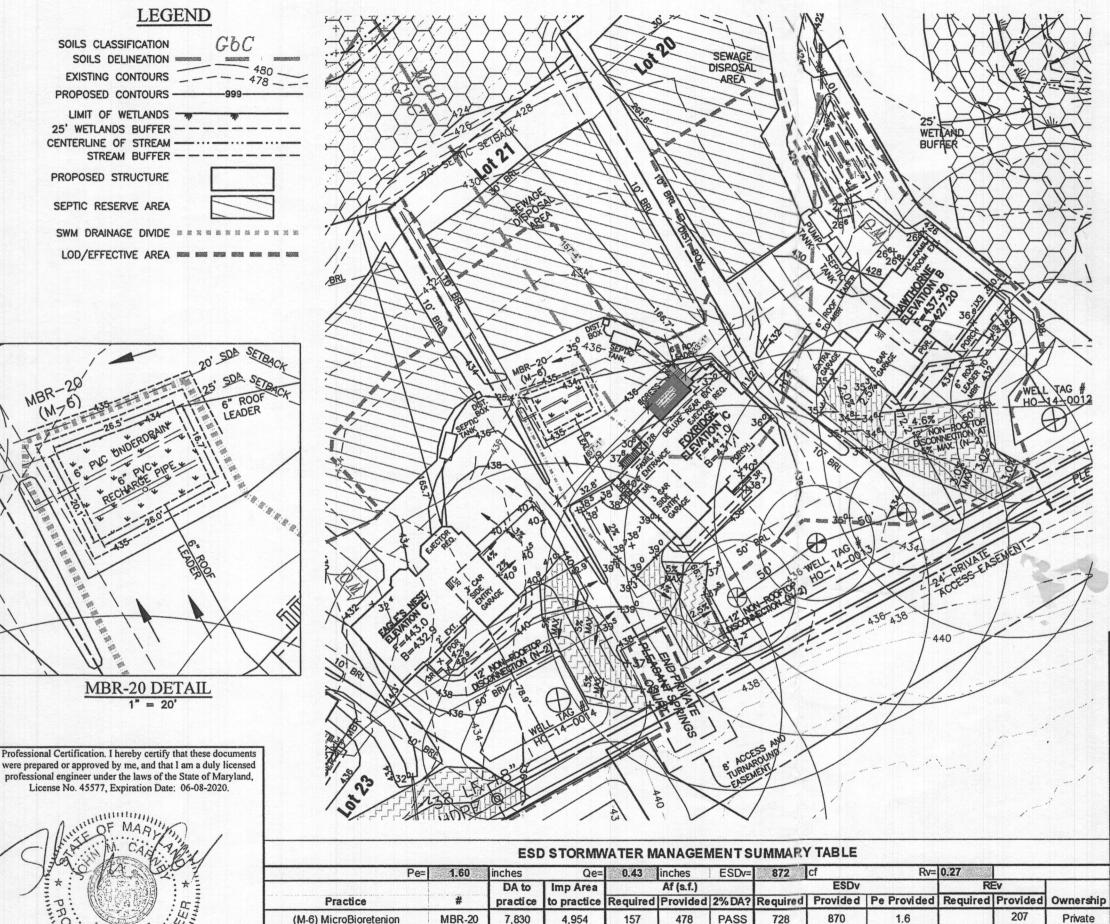
SEPTEMBER, 2019 DATE:

PROJECT NO.

2171

SCALE: AS SHOWN

DRAWING 2 OF 2



(N-2) Disc. of Non-Rooftop Runoff

Total Treated

Site Total

NDC-1

1,357

9,187

23,712

680

5,634

5,902

157

478

BUILDING PERMIT PLAN NOTES:

THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR REGAN PROPERTY, PLAT Nos. 23063-23074. REFER TO THE PLATS FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND

2. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER A GRADING PLAN AND MODIFIED FOR THIS SPECIFIC HOUSE.

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THE EXISTING WELL SHOWN ON THIS PLAN, HO-14-0013, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., AND IS ACCURATELY SHOWN.

THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.

ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA OR WELL BOX SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

STORMWATER MANAGEMENT FOR THIS LOT WAS DESIGNED AND PROVIDED BY ONE MICRO-BIORETENTION FACILITY (MDE M-6) AND ONE NON-ROOFTOP DISCONNECTION (MDE N-2). 10. MICRO-BIORETENTION SHALL HAVE 6" ROOF LEADERS.

PLAN VIEW 1" = 50'

OWNER/BUILDER:

MB HIGHLAND RESERVE, LLC 1686 EAST GUDE DRIVE ROCKVILLE, MD 20850 301-762-9511

BENCHMARK

. ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315 ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 ▲ (F) 410-465-6644

WWW.BEI-CMILENGINEERING.COM

PROJECT:

REGAN PROPERTY LOT 21

LOCATION:

12244 PLEASANT SPRINGS COURT HIGHLAND, MD 20777

TAX MAP No. 34 - BLOCK No. 24 - PARCEL No. 200 5TH ELECTION DISTRICT, TAX ID NUMBER: 05-597454

TITLE:

DATE:

Private

51

921

872

1.0

1.8

51

258

137

BUILDING PERMIT PLAN

HOUSE TYPE:

SEPTEMBER, 2019

FOXRIDGE - ELEVATION C

DRAWING 1 OF 2 SCALE: AS SHOWN

PROJECT NO.

2171