

Building Permit Application
Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

		c
Building Address: 15217 500		Property Owner's Name: Fobert Octoandio
City: Noodbine State:	100 Zip Code: 21797	Address: 15217 Swithau Strut
	/WP/8A#:	City: Noodbine State: Mn Zip Code: 21797
Subdivision: Belle Have		Phone: 440-793-7741 Fax: Email: rdeloandio @verizon.ne+
.111	AI CSI WTC5	- -
Lot: 44 Tax Map:	Parcel:	Applicant's Name & Mailing Address, (If other than stated herein)
		Applicant's Name:
Existing Use:		Address:
Proposed Use:		City: State: Zip Code: Phone: Fax:
Estimated Construction Cost: \$ 100.	(00	Email:
Description of Work Addition	a C M da	
LION VILLE 3	OF PICKEDIA	Contractor Company: Owner to act as Contractor
(10'x16'6") Breeze	vay, and	Contact Person:
Garage (26'8"x	181"),	Address:
3		City: State: Zip Code:
	216	Phone: Fax:Fax:
Occupant/Tenant Name: Robert	Delbandio	
Was tenant space previously occupied?		Engineer/Architect Company-Tonathan Rivera Architecte
Contact Name: Robert Del	Ciandin	Responsible Design Prof.: Jonathan River-
Address: 15217 Sweetlon	<_	
The state of the s	7 44	Address:
ary: Woodbine s	tate: MD zip Code: 21797	. City: State: Zip Code:
Phone: 240-793-7741		Phone: 443-224-5745Fax:
Email: <u>rdelgandio@ ve</u>	1201 net	Email: jrivera@jonathanrivera.com
Commercial Building Characteristics	Residential Building Characteristics	S Utilities
Height:	SF Dwelling SF Townhouse	Electric: X Yes No
No. of stories:	Depth Width	Gas: Yes No
Gross area, sq. ft./floor:	1* floor:	Water Supply
Area of construction (sq. ft.):	2 nd floor: Basement:	□ Public
	□ Finished Basement	DCPrivate
Use group:	☐ Unfinished Basement	Sewage Disposal
	☐ Crawl Space	□ Public
Construction type:	☐ Slab on Grade	₩ Private
☐ Reinforced Concrete	No. of Bedrooms:	
Structural Steel	Multi-family Dwelling	Heating System
☐ Masonry © Wood Frame	No. of efficiency units:	☐ Electric ☐ Oil
State Certified Modular	No. of 1 BR units: No. of 2 BR units:	□ Natural Gas Ø Propane Gas
	No. of 3 BR units:	□ Other:
	Other Structure:	Sprinkler System:
	Dimensions:	Maryes □ No
Roadside Tree Project Permit	Footings:	
□Yes □No	Roof:	Grading Permit Number:
Roadside Tree Project Permit #	State Certified Modular	
	☐ Manufactured Home	Building Shell Permit Number:
Applicant's Signature	FICIALS THE RIGHT TO ENTER ONTO THIS PROPERT	TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY VILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS RTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES. Print Name 9-11-19
Email Address)	7	Date
Title/Company		
	Checks Payable to: DIRECTOR OF	F FINANCE OF HOWARD COUNTY
	PLEASE WRITE NE	VEATLY & LEGIBLY CE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways	1/~	1100
Wilding Officials	9/14	1917
SZA (Zoning)	9/	110
BSEA (Engineering)	1.	1
Beeth	9/12	10 KR: 0
s Sediment Control appro CONTINGENCY CONSTR	val required UCTION STA	for issuance? Yes No

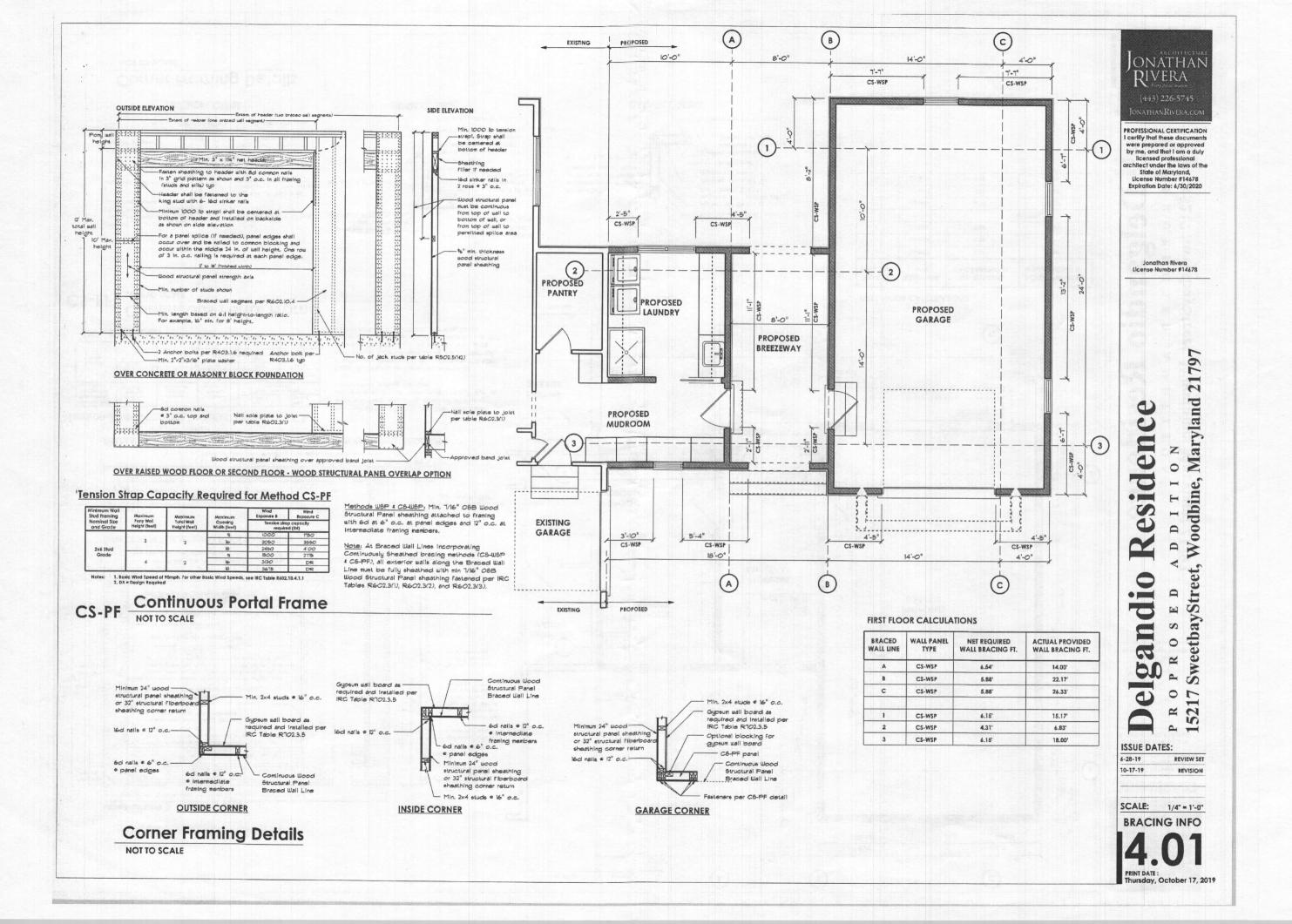
DPZ SETBACK INFORMATION		***************************************
Front:		
Rear:		
Side:		
Side St:	-	
All minimum setbacks met?	☐ Yes	□No
is Entrance Permit Required?	☐ Yes	□No
Historic District?	□ Yes	
Lot Coverage for New Town 2	one:	
SDP/Red-line approval date:		

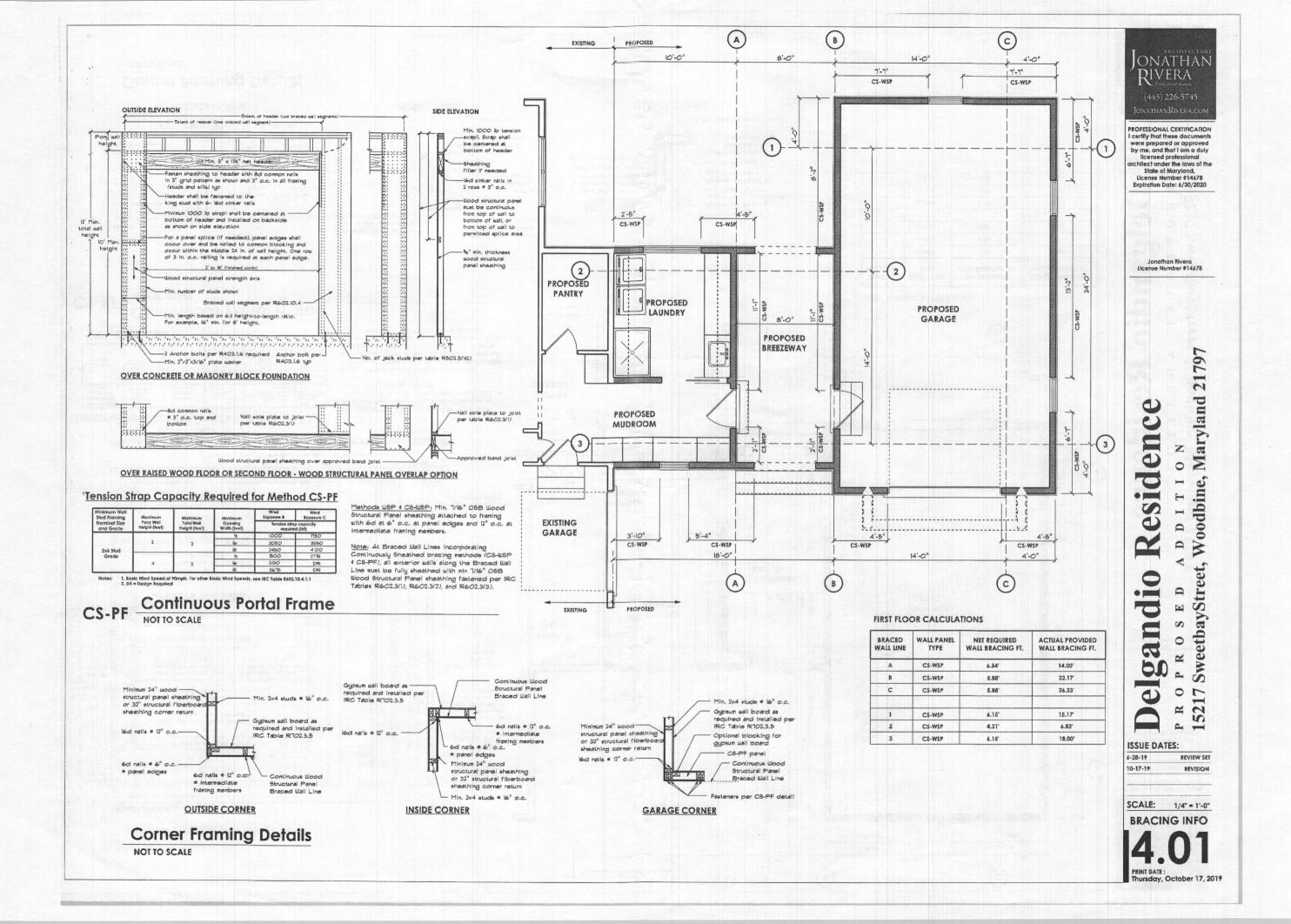
	- 25
Filing Fee	15
Permit Fee	3 - 133.02
Tech Fee	\$
Excise Tax	13.30
PSFS	
Guaranty Fund	5 July 2005. QC
Add'I per Fee	
Total Fees	8040 2 200 20
Sub-Total Paid	\$040 2 205. Ja
Balance Due	\$
Check	. 120

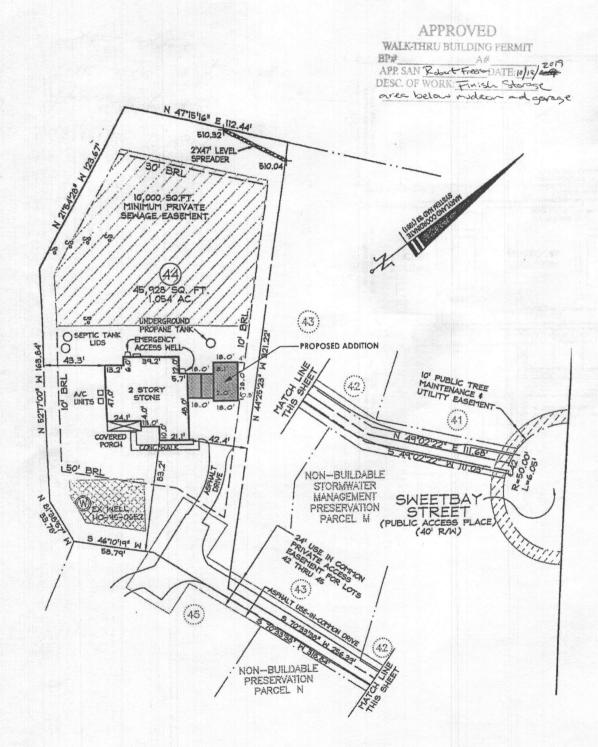
Distribution of Copies: White: Building Officials

Green: PSZA,Zoning

Yellow: PSZA, Engineering







SITEPLAN

DESIGN CRITERIA

CLIMATE AND GEOGRAPHIC DESIGN CRITERIA - table 301.2 (1)

GROUND SNOW LOAD (lbs./s.f.)		30	
WIND PRESSURE (pounds per square foot)		17 +/- (90 m.p.h.)	
SEISMIC CONDITION BY	ZONE	В	
SUBJECT TO DAMAGE	WEATHERING	SEVERE	
	FROST LINE DEPTH	30	
	TERMITE	MODERATE	
	DECAY	MODERATE	
WINTER DESIGN TEMP.	FOR HEAT. FACILITIES	13	
RADON RESISTANT CO	NSTRUCTION REQ		
FLOOD ZONE			

2018 IECC CODE COMPLIANCE

2018 IECC CODE COMPLIANCE R301.1 Climate zone 4A

R401.2 Compliance Method: Mandatory and Prescriptive Provisions

R402.1.1 Vapor Retarder; Wall assemblies in the building thermal envelope shall comply with vapor retarder requirements of Section R702.7 of the International Residential Code, 2015 Edition.

R402.1.2 Attic Insulation:Raised Heel Trusses R-49 R-38

R402.1.2 Wood Frame Wall: R-20 or R13 + R5 continuous insulation.

R402.1.2 Basement Wall Insulation: R-13/R-10 Foil Faced Continuous, uninterrupted Batts Full Height

R402.1.2 Crawl Space Wall Insulation: R-13/R-10 Foil faced Continuous Batts Full Height extending from floor above to finishgrade level and then vertically or horizontally an additional 2° - 0° .

R402.1.2 Floor Insulation over Unconditioned Space: R-19 batt insulation.

R402.1.2 Window U-Value/SHGC .35 (U-Value)/.40 (SHGC)

R402.2.10 Slab on Grade Floors Less Than 12" Below Grade: R-10 Rigid Foam Board Under Slab Extending Either 2' -0" Horizontally or 2'-0" Vertically

R402.2.4 Attic Access: Attic access scuttle will be weatherstripped and insulated R-49

R402.4 Building Thermal Envelope (air leakage): Exterior walls and penetrations will be sealed per this section of the 2015 IECC with caulk, gaskets, weathershipping or an air barrier of suitable material. Sealing methods between dissimilar materials shall allow sealing for differential expansion and contraction.

R402.4.1.2 Building Thermal Envelope Tightness Test: Building envelope shall be tested and verified as having an air leakage rate of not exceeding 3 air changes per hour. Testing shall be conducted in accordance with ASTM E779 or ASTM E 1827 with (blower door) at a pressure of 0.2 inches w.g. (50 pascals). Testing shall be conducted by an approved third party. A written report of the results of the lest shall be signed by the party conducting the test and provided to the building inspector.7/15

R402.4.2 Fireplaces: New wood burning fireplaces will have tight-fitting flue dampers or doors, and outdoor combustion air. Fireplace doors shall be listed and labeled in accordance with UL 127 (factory built fireplace) and UL 907 (masonry fireplace).

R402.4.4 Rooms containing fuel-burning appliances where open combustion air ducts provide combustion air to open combustion fuel burning appliances, the appliances and combustion air shall be located outside the building thermal envelope or enclosed in a room isolated from inside the thermal envelope.

Exceptions: 1. Direct vent appliances with both intake and exhaust pipes installed continuous to the outside. 2. Fireplaces and stoves complying with Section R402.4.2 and Section R1006 of the IRC.

R402.4.5 Recessed Lighting: Recessed luminaries installed in the building thermal envelope shall be sealed to limit air leakage.

R403.1.1 Thermostat: All dwelling units will have at least (1) programmable thermostat for each separate heating and cooling system per 2015 IECC Section 403.1.1.

R403.1.2 Where a Heat pump system having supplementary electric resistance heat is used the thermostal shall prevent the supplementary heat from coming on when heat pump can meet heating load.

R403.3.1 Mechanical Duct Insulation: Supply and Return Ducts in Attic R-8 minimum, R-6 when less than 3 inches. Supply and Return Ducts outside of conditioned spaces R-8 minimum. All other ducts except those located completely inside the building thermal envelope R-6 minimum. Ducts located under concrete slabs must be R-6 minimum.

R403.3.2 Duct Sealing: All ducts, air handlers, filter boxes will be sealed. Joints and seams will comply with section M1601.4.1 of the IRC. A duct tightness test ("Duct Blaster" duct total leakage test) will be performed on all homes and shall be verified by either a post construction test or a rough-in test. Duct tightness test is not required if the air handler and all ducts are located within the conditioned space.

R403.6 Mechanical Ventilation: Outdoor (make-up and exhausts) air ducts to be provided with automatic or gravity damper that close when the ventilation system is not operating.

R403.6.1 Whole-house mechanical ventilation system fan efficiency to comply with TABLE R403.6.1.

R403.7 Equipment Sizing shall comply with R403.7.

R404.1 Lighting Equipment: A minimum of 75% of all lamps (lights) must be high-efficacy lamps. This contractor also responsible for generating Certificate of Compilance and affixing to electrical panel or within 6 feet of the electrical panel and be readily visible.

DRAWING LIST

0.01	COVER SHEET
0.02	GENERAL INFO
1.01	ELEVATIONS
1.02	ELEVATIONS
1.02	ELEVATIONS
2.01	FOUNDATION
3.01	FIRST FLOOR PLAN
3.02	FRAMING DETAILS
3.03	ELECTRICAL PLAN
3.04	ROOF PLAN
4.01	BRACING PLAN AND DETAILS
5.01	SECTIONS
SN.1	STRUCTURAL NOTES
SN.2	STRUCTURAL NOTES
SN.3	STRUCTURAL NOTES
SF.1	FOUNDATION PLAN AND DETAILS
\$1.1	FIRST FLOOR FRAMING

AREA INFO

FLOOR	ADDITIONAL S.F.
GARAGE	462 s.f.
FIRST FLOOR	178 s.f.
BASEMENT	782 s.f.
BREEZEWAY	134 s.f.

CODE INFORMATION

2018 International Residential Code
2018 International Energy Conservation Code
2018 International Mechanical Code
2018 International Plumbing Code
2018 NFPA 101 Life Safety Code
2018 National Electrical Code

with Local Amendments (NFPS 70) 2009 National Fuel Gas Code (NFPA 54)

ITEM OF NOTE

- Contractor, sub-contractor or supplier shall verify all job conditions and measurements prior to commencing work or ordering materials. Discrepancies between dimensions shown on drawings and actual field conditions should be brought to the Architect and Owner's attention immediately for clarification prior to proceeding with work. These plans are not to be scaled for Construction purposes. Written dimensions and notes supersede all scaled reference. If there are any conflicts, discrepencies or ambiguity with dimensioning the Contractor shall notify the Architect immediately for clarification. Field verify ALL proposed dimensions.

 As a matter of record, JRArchitecture, LLC shall not be responsible for construction means and methods or omissions by the contractor, sub-contractor or any other persons performing work in accordance with these drawings.

- On this Project, the Contractor shall have sole supervision over, and exclusive responsibility for: demolition and temporary construction: construction means, methods, techniques, sequences, procedures, safety precautions and safety programs in connection with all demolition and construction work; and protection of persons and property during construction until final completion is attained. Services performed by Architect or its consultants during construction, if any, are intended to promote the goal that, in general, the construction work, when fully completed, will be consistent with the design intent reflected in the permit or construction drawings. Means and methods responsibility of the Contractor and Contractor shall separately engage specially engineers or other consultants as required to fulfill this responsibility.



PROFESSIONAL CERTIFICATION
I certify that these documents
were prepared or approved
by me, and that I am a duly
licensed professional
architect under the laws of the
State of Maryland,
License Number #14678
Expiration Date: 6/30/2020

Jonathan Rivera License Number #14678

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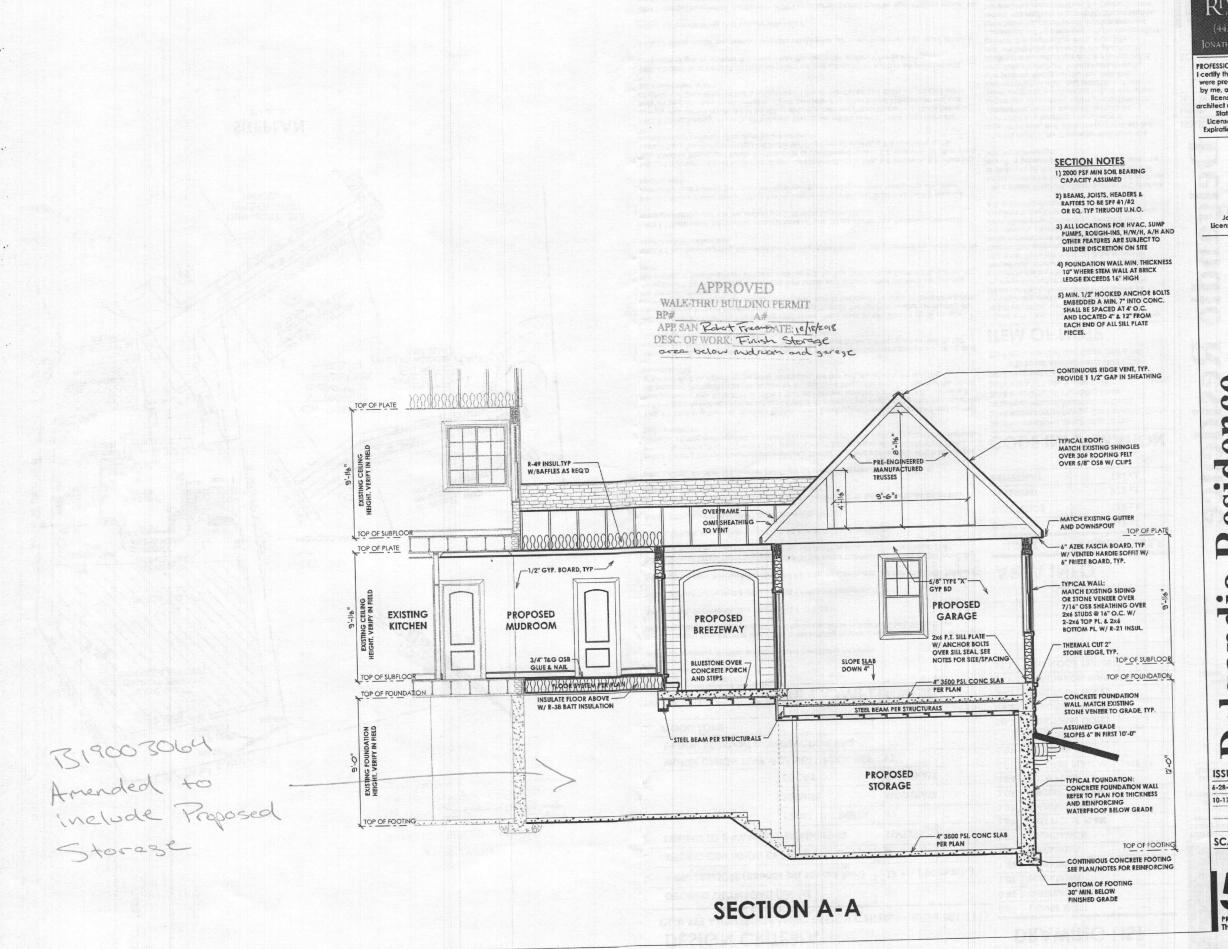
ISSUE DATES:

6-28-19 REVIEW SET 10-17-19 REVISION

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

O. O 1

PRINT DATE:
Thursday, October 17, 2019





PROFESSIONAL CERTIFICATION
I certify that these documents
were prepared or approved
by me, and that I am a duly
licensed professional
architect under the laws of the
State of Maryland,
License Number #14678
Expiration Date: 6/30/2020

Jonathan Rivera License Number #14678

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