

## HISTORIC PRESERVATION COMMISSION

Marc Elrich County Executive Robert K. Sutton Chairman

Date: June 22, 2022

## **MEMORANDUM**

TO:	Mitra Pedoeem
	Department of Permitting Services
FROM:	Michael Kyne
	Historic Preservation Section
	Maryland-National Capital Park & Planning Commission
SUBJECT:	Historic Area Work Permit # 936072 REVISION: Revisions to previously approved HAWP

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was <u>Approved</u> at the June 8, 2022 HPC meeting.

The HPC staff has reviewed and stamped the attached construction drawings.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

Applicant: Kristen Donoghue and Jonathan Hacker (Neal Thomson, Architect)Address: 30 Hesketh Street, Chevy Chase

This HAWP approval is subject to the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made. Once work is complete the applicant will contact Michael Kyne at 301.563.3403 or michael.kyne@montgomeryplanning.org to schedule a follow-up site visit.



## THOMSON & COOKE ARCHITECTS

Permit 936072 30 Hesketh St Revision Narrative May 31, 2022

Dear Michael Kyne,

Please see the notes below for the scope of revisions to the original permit 936072.

- 1. At the back of the house, we were originally proposing a larger breakfast bay and modifying the second floor in response to the first floor addition. However, due to budget revisions, we have decided to keep much of the existing second floor and first floor exterior walls in an effort to simplify structural requirements. This can be viewed in plan on sheets A101/A102 and on the rear elevation on sheet A201.
- 2. The approved permit included new roof framing at the back of the house above the Master Bath, Bath 3, and Laundry. Due to the changes in Note 1, there no longer needs to be new roof framing at these locations. However, we are looking to replace the roofing material in kind Cedar Shake, Standing Seam Copper, or Flat Seam Copper as noted on plans, to match what is currently on the house.
- 3. There is an existing covered porch at the front of the house on the Family Room side that was part of a 1970s addition. We are requesting that this porch be infilled to give more space to the family room and resolve any water infiltration issues above the garage below. The proposed walls will be finished in stucco and exterior details are to match the existing house. This can be viewed in plan on sheet A101 and in elevation on sheets A200/A201.
- 4. We are looking to replace the existing front door and sidelite in kind. This means that the style and construction will be exactly the same as what is currently in the house. The condition of the existing door has deteriorated greatly so replacement is necessary. Please see sheet 0004, attached, for reference.
- 5. In the original approved permit, there were new windows. The ones on the second floor addition no longer exist, but there are still new double hung and casement windows proposed. Please see sheet 0004, attached, for details of these new windows they are the same the ones originally approved.

Best, Henry Chuang

> **REVIEWED** By Michael Kyne at 12:50 pm, Jun 22, 2022

APPROVED Montgomery County Historic Preservation Commission

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Simulated Divided Lites (SDL) Oger Profile – 3/4" (19 mm), 1 1/6" (30 mm), 2" (51 mm) Putty Profile - 5/8" (16 mm), 7/8" (22 mm), 1 1/8" (30 mm) 2" (51 mm)

P	roduct Features	
Dt	yles	Glisting
Do	uble Hung, Single Hung, Radius Top and Cottage options.	LovE Double, LowE Triple and StormForce
51	andard Features	is rot available on all products.
٠	Natural, clear Douglas Fir Interior (no visible finger joints)	Sinulated Divided Lites (SDL)
	4 9/16" (110 mm) jamb construction	Oge Profile - 3/4" (19 mm), 1 1/8" (30 mm
	LowE insulated glazing with 1/2" (13 mm) airspace	Puty Profile - 5/8* (16 mm), 7/8* (22 mm),
	Extruded aluminum cladding in a variety of standard	2* 51 mm)
	colors, primed wood or clear fir exterior	Source Profile (Interior only) - 3/4" (19 mm
	Flexible continuous weathership system	1 18* (30 mm), 2* (51 mm)

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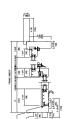


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Most units have been tested by an independent laboratory	Heavy duty exterior metaloladding comprised of extruded
for air and water infiltration, structural performance, and	alumhum is available in avariety of Palette colora, includi
thermal performance requirements.	anodzed and Cyprium (opper and bronze cladding).
Frame & Seah	Interior of window can benatural wood (unfinished) or
Manufactured from Coastal Douglas Fir kiln-dried lumber	primed. Metal cled units are supplied ready-to-install
with frame construction designed for 4 9/16* (116 mm)	complete with integral metal nailing flange.
jamb. All wood exterior components are factory primed	Hardware
unless specified as clear exterior. Minor scratches	Stancard Casement sash opens out to nearly 90 degrees
or abrasions in the wood surface or primer are not	for ease of cleaning. The uto gear operator will hold the
considered deleda.	each st any position in its operating radius. The each
Alternate Species	is supported by concealed heavy-duty hinges. All steel
The entire Loswer product line is also available in optional	components are coated fir superior corrosion protection.
Mahogany.	Double Weatherstrip
Preserve the Traited	The combination of a coninuous, flexible foam weatherstri
All wood parts an dipped in approved preservative.	and a fexible automotive ype bulb weatherstrip ensures
Glezing	maximum energy efficiency and protection against air and
With countiess obzing configurations and LowF coating	water infiltration.
options, we ensue that you can choose the perfect blend of	Somen
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Insulating Glass	alumhum or black aluminum frame, acreaned with anti-
Double or triple dass configurations with 1/2* (13 mm)	giare fibergiase cloth. Wood-framed acreens and High
airapage.	Transperency mesh available, Optional Retractable Screen
	and twinging Screen available. Swinging Screen available
LowE Systems	on Push Out models only.
LowE best describes the benefits of the product that	Earem
incorporates glazing coatings and Argon gas. LowE systems	Consult local building opies for confirmation of size
help reduce heating and cooling costs, providing superior	requirements for your area. Special ecress hardware is
energy efficiency	available for Casement windows, which enables some size
Simulated Divided Lites (SDL)	to meet egrees codes, eliminating the need to go to the ne
Standard SDL complete with airspace grilles, where	larger size window. Consilt your Authorized Loewen Deale
available. Grille bars are permanently applied to the interior	for more details.
and exterior.	
Hardware Optios	
Operator and each locks are available in a variety of	

**REVIEWED** By Michael Kyne at 12:50 pm, Jun 22, 2022



### Casement Section



Double Hung Section NT



EXISTING FRONT DOOR

APPROVED

Montgomery County

Historic Preservation Commission

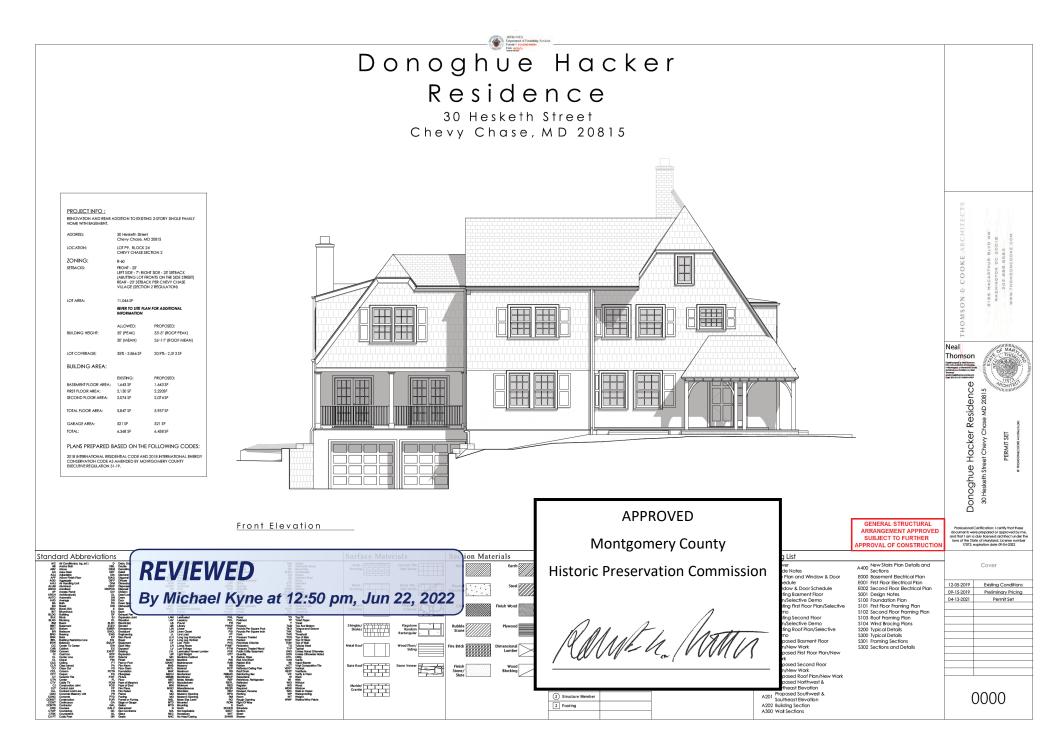
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Donoghue Hacker Residence 30 Hestem Street Chevy Chase MU 20815 CONSTRUCTION SET

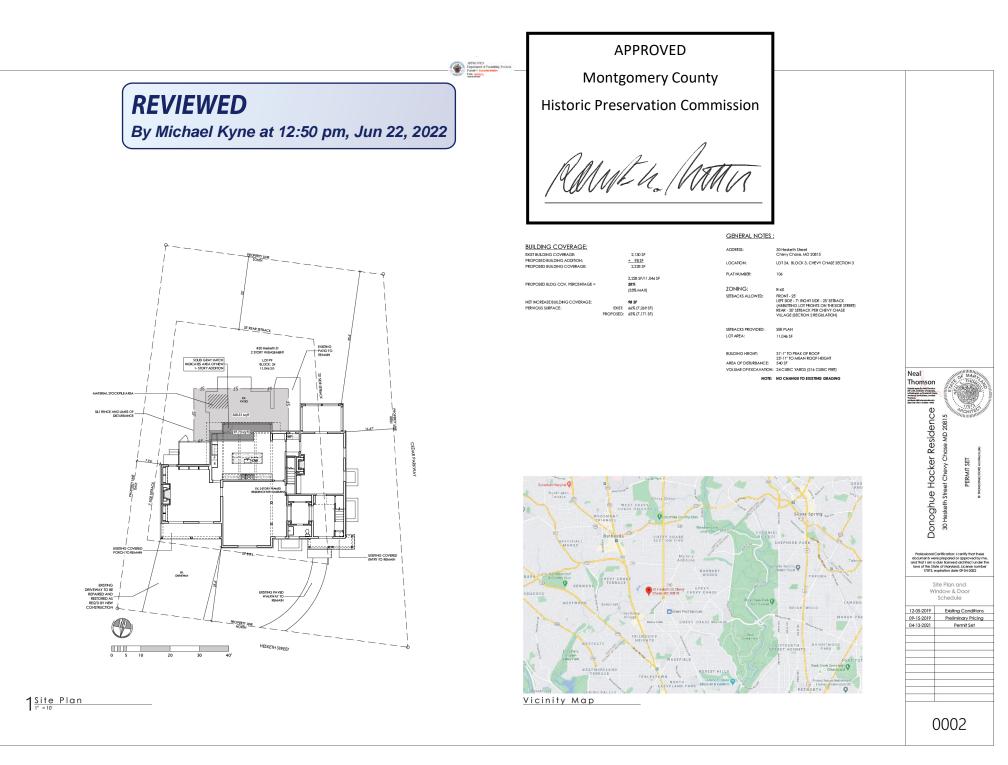
Permit Revision

0004

05-17-2022



						Department of Permit	ing Services				
PRESCRIPTIVE Requirements WORKSHEE	T (P-)/akas) Mathod 1 Ontion 1			righter was	TABLE R402.4.1.1	Data 05/25/21					
Applicant Name Jonathan Hacher & Kristen Dan Date 04/12/2021					AR BARRIER AND INSULATION INSTAL	LLATION					
Date 04/12/2021 Applicant Address 30 Hosketh Street, Chevy Cho	se, MD 20815			COMPONENT	AR BARRER CRITERA A continuous at barrier shall be installed in the	NOLATION INSTALLATION OUTERIA					
Phone Number (301) 652-01.59 - (202) 669-5900 Building Address 30 Hosketh Street, Chevy Cho	se. MD 20815 Permit (A/P) # 948934			General requirements	building envelope. The addetic thermal envelope motions a continuous air barlier.	Abpartmakini bashdion silad notice used as a meding material.	GENER 01 Gene	RAL NOTES		3 Concrete 1. Compressive strength of concrete: flo=3000 PSI, UNO,	
Criteria Windows/Doors - Maximum U-	Required Provided Assembly Descripti	ion			The at barler in any dropped celling or sollt shall be eligned with the installery and any gaps in the sir		1.9	Project documents. A. Types of documents. 1. Large-format drawing sheets bearing the nar	me of the Architect and Project, and the notation	<ol> <li>Compare to footings, such a community is the compared of the comp</li></ol>	d compacted
Factor SHGC - glazed fenestration	32 32 0.40 LOEWEN WINDOWS AND DOOR	s		Calingiato	barrier shall be sealed. Access openings, drop down stairs or knee wall doors to unconditioned attic spaces shall be sealed.	The insulation is any dispeed selling/solitional be algored with the air banker.		"Construction Set" or "Revision [#]". Sheets to Construction", "Preliminary", "Pricing", or "So 2. Specifications bearing the notation, "Constru-	bearing the notations, "Permit Set", "Not for hematic" shall not be used for construction, iction Specifications", Preliminary and other	gravel fit. C. Bottom of exterior footings shall be minimum of 24* below finished exterior grade. D. Footings shall step when required, at a matimum slope of non-unit writcally to two units in The horizontal distance belveren shaps shall mote be loss than 16°. The horizontal distance belveren shaps shall mote be loss than 16°.	horizontally.
Skylights - Maximum U-Factor	.55				Thejustion of the francision and all pilote shall be	Carities within command headers obtaine walls shall be insulated by completely filling the		<ol> <li>specifications shall not be used for construct</li> <li>Supplemental drawing sheets bearing the na Such drawings become part of the Project D</li> </ol>	ion. are of the Architect, Project, and the notation "SK-[#]". ocuments as they are issued.	The horizontal distance between steps shall not be less than 16°. E. Utility lines passing under footing shall be protected with concrete cover 9° minimum at sit of lines and up to 5ottom of wall or footing structure.	ides and bottom
Max SHGC Ceilings	0.40	JLATION		***	The junction of the top plate and the top of extents wells shall be seeind. Knee wolk shall be meteri.	R-ske, of not less than R-0 per inch. Exister thermal envelope insulation for fauned with shall be installed in subdattibl contest and		<ol> <li>Schedules of finishes, fotures, doors, window issued as part of any of the above documents</li> <li>Any work done from out of date documents v</li> </ol>	ion. mere of the Architect, Project, and the notation "SK-{#]". ocuments as they are issued. we, and other manufactured products, which may be based with the contractor's risk and expense.	Minimum cover of reinforcing steel.     A. Slabs and walls at faces not exposed to weather:1 1/2"     B. Columns and bottoms and sides of beams: 11/2"	
Ceilings Walls (wood framing) Mass Walls	R-20 or 13+5 R-21 OPEN CELL SPRAY FOAM INSULA     **R-8/13 R-13 OPEN CELL SPRAY FOAM INSULA	MON		Windows, sity lights and doors	The space between haming and skylights, and the jambs	sortinuous aligomentarito tie de lanter.		<ol> <li>Inconsistencies.</li> <li>Any inconsistencies found between the draw between the drawings and the specifications</li> </ol>	ings and existing conditions, or among the drawings, or , shall be reported to the Architect. The Contractor shall	of lives and up to Eduction of wall for footing structure. S. Marimum cover, of envirocing update of environment of the enviro	
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Slab perimeter- R-value and Depth						Four haming only insulation shall be installed to maintain permanent contact with the underside of		C. Project Document Precedence. 1. In the event of conflicting information within t shall be followed.	the project documents, the following precedence order	B. Interior sales to have 6 mil polyethylene vapor barrier beneath concrete.     Messilencia.match is responsible for providing necessary inserts, sience, clos and anchors.     A. miscellamous devices as may be required for constructon. Dimensions and locations of t shall be verified before concrete is placed.	and
Crawlspace				Poes, including cardiavand foos and foos above ganges	The air barrier shall be installed at any exposed edge of insulation.	author decking Attendeury, too having unity insulation shall be in contact with the top-side of sheathing, or continuous insulation installed on the united in clinic familier and shall actent		a. Specifications a. Drawings at larger scale c. Drawings at larger scale 2. Where construction documents specify more construction document requirements shall go		miscellaneous devices as may be required for construction. Dimensions and locations of t shall be verified before concrete is placed.	these items
Insulation material used in layers, such as in the component R-value.	aming cavity insulation and insulating sheathing, shall be	summed to compute				the indexide officer liaming; and shall extend from the locities to the top of all perimiter from liaming members.	2.0	<ol> <li>Where construction documents specify more construction document requirements shall go Dimensions.</li> </ol>	estringent requirements than building code minimums, overn.	<ol> <li>Masonry</li> <li>Structural masonry construction shall comply with IRC §R606.</li> <li>Masonry Veneer.</li> </ol>	
continuous insulated sheathing on the interior basement wall "	ulation, the second to framing cavity insulation. "10/13 m or or exterior of the home or R-13 cavity insulation on the	interior of the		Crewl space wells	Exposed each is unverted creat agrees shall be covered with a Class I sapor relation with overlapping joints layed.	Court space installar, where provided instead of floor insulation, shall be permanently effected to the wells.		<ul> <li>Courns are dimensioned to centerine.</li> <li>B. Wood framing is dimensioned to face of framing.</li> <li>Concrete and masonry are dimensioned to face o</li> <li>D. Opening are dimensioned to contact and the second second</li></ul>	f material. ee door and window schedules for rough openings and	A Mascing Veneer construction shall comply with HC 9F10L7-8. B Weepholes that be located directly above the fashing, FIC \$R703.7.6. C Element or the state of the Set of t	x 3/16".
	han half the insulation is on the interior of the mass wall.			Shafa, persituitos	Duct shafe, utility penabations, and fare shafts opening to exterior or uncontifioned space shall be meteric	-	3.E	A All existing conditions materials dimensions and	elevations shall be untilled by the Contractor prior to	Considering Tradeout Section 2014 (Construction 1, 1997) and 1998.     A Macrony version construction of the Completion 19, 1970,37.4.     Weepolace and to be considered on the Macrony, Brit Cl (1970,37.4.     Weepolace and to be considered on the Macrony, Brit Cl (1970,37.4.     Construction 1997) and the Cl (1970,37.4.     Construction	* OC vertical.
Thermally isolated Sunroom, Check box						Bots to be installed in nancur solvices shall be cut to B or nancur couldes shall be Blochwith Installers		<ul> <li>beginning work.</li> <li>B. Extreme care and safety measures must be taken existing structure in any way. Any damage to the</li> </ul>	by the General Contractor so as not to damage the existing structure resulting from construction work shall	35 Motul 1. Structural Steel.	
Minimum Ceiling R-Value for Sunroom Minimum Wall R-Value (R-13)	(R-19)			Narovce/fee	-	that contradiation readily conforms to the available confly space	4.0	be the sole responsibility of the Contractor. Codes and standards. A. International Residential Code for One- and Two-	Family Dwallings, 2018 Edition, as amended by	37 Meth Marchine Sheet Characteristics and the second state of th	
New wall(s) separating a sunroom from cond	fitioned space shall meet the building thermal envelope re	equirements.		Gauge september	Ar setting shall be provided between the gamps and conditioned spaces.	-		Montgomery County Executive Regulation. B. Concrete: ACI 318, Building Code Regularments of the American Concrete Institute.	for Structural Concrete and Commentary, latest edition,	D. Steel Links: At mason <sup>2</sup> openings, provide one angle for each 4" of masonry wall as folio 1. Width up to 3"5": L3 1/2 x 3 1/2 x 1/4 (5/16 for extenior) 2. 3"-6" to 5"11": L4 x 3 1/2 x 5/16	ows, UNO:
I hereby certify that the building design repre-	sented in the attached construction documents has been	designed to meet or		Recessed lighting	Receased light factors installed in the building themal envelope shall be availed to the Stished auriace.	Received light fictures installed in the building thermal environe shall be dir tight and IC relad.		<ul> <li>Structural Steel: Code of Standard Practice for St American Institute of Steel Construction.</li> <li>Weiding: Structural Weiding Code – Steel, latest 4</li> </ul>	<i>terl Buildings and Bridges</i> , March latest edition, of the adition, of the American Welding Society.	<ol> <li>6'-0" to 7'-11": L6 x 3 1/2 x 5/16</li> <li>Greater than 7'-11" Design required.</li> <li>Reinforcing Steel.</li> </ol>	
a 2018 Edition International Energy Conserv				Plumbing and willing	-	In exterior wells, betting although the first reading to Resound wing and planticing, or insulation, that an installation ready conterns to available space, while extend tabled piping and wing.		<ul> <li>material control and contro and control and control and control and control and control a</li></ul>	by the General Contractor on a notice damage the advantage durchair weak in the contract of the second Pamily Devellagin, 2018 Edition, as amended by Dr Structural Contrarts and Commentary, lastet addition, Dr Structural Contrarts and Commentary, lastet addition, of the Multidige and Drigon, March lastet addition, of the addition, of the American Weshing Society. Stress-Grade Lumber and Ite Fastenings? of the mo-	<ol> <li>Reinforcing Steel.</li> <li>A Terriforcing steel to be ASTM A615 Grade 60.</li> <li>B Welded wire table and an annual conform to ASTM A185-85. Lap the edges of wire tables at least cash direction. All lables on grade shall have a minimum of one layer of 6x6 – 10/10/welde mid-dopth, UNO.</li> </ol>	one cell width in ed wire fabric at
				Showshub on exterior wall	The dr barter installed at extention with adjacent to showns and holes shall separate the wall from the	Eductor wells adjacent to showers and Los shell be insulated.		F. Wood France, Matoral Design Specification Pro- page 1000 - 10		C. 3. Plasting. A. Provide metal flashing at all window bands. Invitented window stress windows in a time is	sotom of all
NEAL THOMSON THOMSON THOMSON	ON & COOKE ARCHITECTS 4/12/2021 Company Name Date			Party states to a state of	show or lash. The air having shall be installed behind electrical and communication beam. Adventively, air-analial biases	-	1	Booms other than Sleeping: 40 PSF     B. Dead loads: Minimum design dead weight of supe     A1 of the Minimum Design Loads for Building and	nimposed building materials in accordance with table of Other Structures, ANSI AS8,1-82,	C. 3. Flashing. A. Provide metal flashing at all window heads, horizontal window stops, windowslis, at the b cavity walls and at all other locations recommended by SMACNA. 4. See Architectural drawings for additional miscellaneous metal not shown in structural drawings.	
TRACE PART					shall to induited. HAVC supply and return register boots had pensitude	-		C. Wind Speed: 90 MPH. D. Seismic design category: B. Design Code Notes.		06 Wood & Pisstic 2. Farring A. General	
CLARGE PRETMOTION BECAUTO AND PENERSTRATION REC CLARGE PRETMOTION BECAUTO CALLS THE	UNRENNET'S BY COMPONENT'			MMC register boots	holding thermal envelope shall be madelin the subfloor, wall one ering or colling penetrated by the loot.	-		A. Ceiling Heights: 1. Habitat rooms, halways, corridors, bathroom have a ceiling height of no less than 710°. T	ns, tollet rooms, laundry rooms and basements shall he required height shall be measured from the finish IRC soc. R305. Exceptions: 1) Beams and grobes ct not more than 8° blow the required calling height 2) n or space is permitted to have a sloped celling less	<ol> <li>Stud Walls         <ol> <li>Spacing: Maximum stud spacing shall be 16" OC.</li> <li>Plates: All stud bearing walls to be provided with 2 continuous two relates a</li> </ol> </li> </ol>	and one
2046 e-Across e-Person and - Paula and -	000 MAAA PAGA MAAAA MAAAAAAAAAAAAAAAAAAAAAA			Conceeled splittilem	When required to be seried, concessed the spithtlers shall only be seried in a menner that is recommended by the menufacturer. Cashing or other adhesive problem built with early tell builts between ten	-		floor to the lowest projection from the ceiling, spaced not less that 48° on center may proje Not more than 50% of the floor area of a roor	IPC Sec. 1935. Exception: 1) Beams and griders is chosen to a space of the second calling height 2) in or space is parmitted to have a sixped calling height 2, in or space is parmitted to have a sixped calling height 2, in beams of unmaring parts as, but not immed to, the six second se	<ol> <li>Studi Wala Specifier, Maximum and a specifiery shall be 64° CG.</li> <li>B. Pister AI, and the sering walls to be provided with A continuous top plates as continuous bottem pilate. Splice and the provided with the optilate and and the staggested an intermed AI-07. When the top plate and any optimum of AI-07. When the optigate and any optimum optinum optimum optimum optimum optimum optimum optimum optimum o</li></ol>	es in the top and bearing wall compliance with
3 8.0 8.0 0.0 3 3 5 3 8.0 8.6 0.0 8 2cm	0 48 10 1 5 1 046 F0 9 F0 5 60				spinker cover pides and wells or cellings.		J	<ol> <li>than 7'-0' in height.</li> <li>Any floor area having less than 5'-0' of ceilin and shall not be allowed to have any perman</li> </ol>	g height shall not be considered part of the room area. Sent fixtures or furnishings such as, but not limited to,	IRC §R602.6.1. c. Posts d. Bridging: Provide horizontal bridging at mid-height of wall, UNO. Stucco w	valis shall have
	90 H.F. DE E C4							<ul> <li>B. Garage floor shall be at least 4" below the adjacen tight curb, at least 4" high, shall be on the garage</li> </ul>	inets, counters, and shelves. It dwelling floor, or a permanent noncombustible liquid- side. Gasage shall be provided with minimum 1/2"	Pould     P	ws, UNC:
Eand Matters E30 505 100 4 200 E 530 535 100 4 200	1014 art 34 art 414 art (014 art 34 art 414 art)			TABLE 3: AIR	SEALING	NOTES		<ul> <li>drywall. A solid wood door 1-3/8" thick or a 20-mi</li> <li>C. Egress openings.</li> <li>1. Every sleeping room and every habitable roo</li> </ul>	inute fire-rated door is required, IHC §4309. om shall have at least one operable window or exterior	<ul> <li>2x8 stud wate: (3)2x8e</li> <li>Hoies and nocknes: Hoies bored in single bearing wall studs shall not exce width. Holes bored in double bearing wall studs shall not exceed 60% of the</li> </ul>	eed 40% of stud he stud width.
Text EX LM IN 4 get 1 M N 4 get 1	the first and a second				TABLE R3	01.5		door opening for emergency escape and res 44" above the floor. All emergency escape a opening of 5.7 sq.ft, a minimum net clear op	cue. Openings shall have a sel neight of not more than and rescue openings shall have a minimum net clear sening width of 20°, and a minimum net clear opening	No more than two consecutive studs may be ocubied and so bored. Note wall stude shall not exceed 25% of stud width. Holes and notches shall no stud cross-section. Holes must be at least 58° from either stud edge. IRC	nos in bearing 20 over lap in any 19602.6.
<ul> <li>Availant are minimum. Unactors and SHOG are maintum. Where healthin is healthin value of the healthin shall be occlose from the Availant specified in the table.</li> </ul>	h a navly that is less than he label or design hidrows of the insulation, he installed P-				TABLE R30 MINIMUM UNIFORMLY DIST (IN POUNDS PER S0	RIBUTED LIVE LOADS QUARE INCH)		<ol> <li>All egress doors and windows shall be readil made without the use of a key or special kno</li> </ol>	ly openable from the side from which agress is to be wiedge or effort, IRC §R311.2.	<ul> <li>predoceng: snall comply with IRC §R002.0.</li> <li>b. Bracing: Shall comply with IRC §R002.10.</li> <li>2. Freestanding Posts</li> </ul>	Oldahysigend by Half Manuas
b. The free extraction to Tracking and the standing of the STATE of STATE and the standing of the standard	c hwadaatan. Ingkool fermidation DHOC requirements provided that the DHOC for such singlights			1. TABLE R301	.5. Minimum design live load v	values shall conform to the	ollowing values:		ndrails shall comply with IRC §R315. 114.2, as amended by Montgomery County Executive	<ol> <li>Joist Decks</li> <li>Blocking: Shall comply with IRC §502.7.1.</li> <li>Cesenings: Shall comply with IRC §502.10.</li> </ol>	Neal water Of THOMAS
c.* SULT means IP. No continuous hashdan on the interior or extender of the home-or IP-13 on insulation on the history or extender of the home-or IP-95 and jained atticks at the history of the first history of the home-or induction of the state or the home-or IP-95 and jained atticks.	vlyrianskalara on dwa kaledor of the basarovst wall. "1657 of means IR-16 continuous In tensorent wall Altamatinely, non-planear with "1659" shall be IR-13 novily insulation on Internation			USE		L	VE LOAD	<ul> <li>a. Tread:10" min.</li> <li>b. Riser: 7 3/4" min.</li> <li>c. Onen risers shell not nermit the re-</li> </ul>	assage of a 4" diameter schere. shal be 6"-6", as described in IRC §R314.3. der skars shalt finishet with IZZ GWB to comply IRC	A used Decima Construction (Tel (Sec 27.1)     Construction) and the Construction (Tel Construction) and the Construction (Tel Construction)     Construction (Tel Construction) and the Construction (Tel Construction)     Construction     Const	Arcseed offer the second secon
d. R d insulation shall be provided under the Lifetime area of a baseled which in statistics to the and insulation for heated states a shall not be required to extend below the shall.	na nana. ngá ngi kidi edge kasikilin A value fordala, an indicated in the bida. The sink adge			Attics With Storage (b)			20	<ol> <li>Headroom: Minimum headroom in stainways</li> <li>Under-stair protection: Accessible space und \$R314.8.</li> <li>Encetraite shall been a minimum heiate of 24</li> </ol>	shall be 6'-8', as described in IRC §R314.3. der stairs shall finished with 1/2' GWB to comply IRC	span (including birds-mouth cuts) <ul> <li>Notch depth at the ends of members shall not exceed 1/4 the depth of The tension side of beams, joints and reflers of bur inches or greate</li> </ul>	of the members.
e. There are no BHDC republication in the Martine Zone.				Attics Without Storage (b)			10	nosing of the treads, IRC §R315.1 Burnation: Interior and exterior stairways of	f and a maximum height of 38° measured from the hall be illuminated in compliance with IRC §R303.4.	<ul> <li>thickness shall not be notched, except at the ends of members.</li> <li>Hoiss bored or cut into joists shall not be closer than 2" to the top or ligits. The diameter of the hole shall not exceed one-third the digth</li> </ul>	of the pists.
g. Alternatively, be add on an Holescico 111 he franking only and providing out loss than an Ho	de-27.9.			Habitable attics and attics se	erved with fixed stairs		30	<ul> <li>E. Guard railings:</li> <li>1. Where required: Porches, balconies or raise or grade below and retaining walls with a diff</li> </ul>	If floor surfaces located more than 30° stove the floor tennor ingrade level on either also of the wall public of the subscription of the subscription of estimation of the subscription of the subscription of estimation of the subscription of the subscription of the subscription of the subscription of the subscription of the subscription of	<ul> <li>Holes and nothers in manufactured lumber or joists: Shall comply with Ma specifications.</li> <li>Two layers of sheathing shall to be used under all tile and stone floors. Joi</li> </ul>	See
<ol> <li>The first value is carly insulation, the second value is continuous haudelice. The effort, and i, Masswalk shell be is accordance with Decision RVI2.2.6. The second if-value applies when</li> </ol>	n ecomple, "13-0" means in 13 contry insulation plan IP & continuous insulation. 11 more than half of the insulation is on the interior of the mean well.			Exterior Balconies and Decks	5		40	exceeding 4 ft, and within 2 ft, of a walk, path guards not less than 36" in height. Open sid floor or grade below shall have guards not le	h, parking fot or driveway on the high side shall have les of stairs with a total rise of more than 30° above the les than 34° in height, IRC Sec. R316.	Cook and operating in an advance of process characterized under of process characterized on the set of the operation of the set	
TABLE 1: R-VALUE	:			Fire Escapes			40	<ol> <li>Opening limitations: Required guards as des not allow the passage of a 4° diameter spher horizontal rails or other pattern that results in</li> </ol>	cribed above shall have intermediate balusters that do re. Required guards shall not be constructed with n a ladder offect, IRC §R316.2. Exception: Triangular	<ol> <li>When the floor framing is less than 36" from the ground, a framing inspect requested prior to installing any flooring materials.</li> <li>Roofs</li> </ol>	
TALERHEL	- · · ·			Guardrails and Handrails (d)			200 (h)	openings formed by the riser, tread, and bott permitted to be of such a size that a 6" diam F. Smoke Alarms.	iom rail of a guard at the open side of a stairway are eler sphere cannot pass through.	<ol> <li>Rathers: 2x10, UNO;</li> <li>Prefabrication root fluxeses to be engineered, fabricated, and erected in acc IPC §802.10, ANSUTPI 1, and Manufacture's specifications.</li> </ol>	xordance with
BOURALING OFAC	NAME MALL RADON MALEMANY CAME.			Guardrails In-Fill Component	ts (f)		50 (h)	a. Each sleeping room, b. Outside of each separate sleeping	when open to cance pairs to organ. area in the immediate vicinity of the badrooms. area in the immediate vicinity of the badrooms. area with HIC \$FST7.1. When the Vicinity of the badrooms. When the Vicinity of the Vicinity of the Vicinity when the the badroopstrament of Free and Rescue	<ol> <li>Rodes         <ul> <li>Rathers: 2x110, UKO</li> <li>Rathers: 2x110, UKO</li> <li>Rode State Sta</li></ul></li></ol>	Hacker PERMIT SET
G.MUTE         Missemurice UNADDA         SCULENT         GBLASS BALTIM DESCTOR           1         5.0         0.71         6.06         DOIN	UGLYOF UNKING UGLYOR UGLYOR			Passenger Vehicle Garages (a			50 (a)	<ol> <li>Interconnection: All smoke alarms in the dwa activates all the others, IRC §R317.1.</li> <li>Prove source: Smoke alarms shall be benta</li> </ol>	alling shall be interconnected so that activation of one wind with battery backers IBC 68317.2.1 ow yollane	A lumber of equiva.     A lumber shall be No. 2 SPF, shall have the following minimum properties:     Berding strates "Ph" = 1000 rel for einde member use.	PERMIT SET
2 5.22 5.66 5.000 5000	L 66 L36 L36 L67 L58 L37 L38 L38			Rooms Other Than Sleeping	Rooms		40			<ul> <li>Bending stress "Pb" = 1150 psi lor repetitive member use</li> <li>Horizontal shear "Pu" = 70 psi</li> <li>Compression permendicián in grazin "Pc" = 335 psi</li> </ul>	PER DI C
2 oringe barries         6.00         6.00         6.000         6.000           Smild Wales 4         8.00         6.000         8.000         6.000           5         8.00         6.000         8.000         8.000         6.000	6.06 6.547 5.39 6.005 5.02 8.02 5.38 6.05			Sleeping Rooms			30	<ol> <li>Foundations         <ol> <li>Concrete and masonry foundation walls shall supporting lateral of 40 polifoct of depth below</li> </ol> </li> </ol>	I comply with IRC R404.1. Walls shall be capable of w grade.	<ul> <li>e. Compression parallel to grain "Fe" = 1300 psi         <ol> <li>Modulus of elasticity "E" = 1,300,000 psi</li> <li>Laminabed Veneer Lumber (LVL) shall have the following minimum properties:</li> </ol> </li> </ul>	D Site
5 5.0 6m 8.00 60m 7md5 5.0 5.0 5.05 5.05	8.00 8.00 8.00 6.00 8.07 8.05 8.06 6.00			Stairs			40 (c)	<ol> <li>Foundation concrete shall comply with IRC §</li> <li>Height of walls: Concrete and masonry found adjacent to the foundation at all points a mini</li> </ol>	(P402.2. dation walls shall extend above the finished grade imum of 4" where masonry veneer is used and a	Automation     A	l d 🖁
a. Notice astration United as shall be debined from measurement, subsidier, or an approval a p b. Mara with shall be be assorbance with Station ME22.6. Where more than ball be included:	erm. Is an The United The Is and well Orderbox shall not alwayed 3.17 In Climate Zone 1.			a. Elevated garage floors shal	I be capable of supporting a 2,	000-pound load applied ov	r a 20-square-inch	<ol> <li>Wood sill plates: Wood sill plates shall be prible width of the study of the frame wall di</li> </ol>	essure-preservative-treated. The minimum width shall rectly above. Sill plates shall be anchored to the	<ol> <li>Phywood.         <ol> <li>Bearing grade-trademark of the American Ptywood Association. Span ratil to suit stud or joist spacing indicated.</li> </ol> </li> </ol>	ting as required D ×
5.54 in Climete Zine 2,03.21 in Climete Zone 3, 0387 in Climete Zone 4 on optimism, 6085 6. In warm-bund locations as defined by Figure FD01.5 and Table FD01.5, the basement wall G	in Ginele Zone II and Markeek, and 5387 in Cânale Zones II Brough II. Indonnhall schenzeed 3.300.			area.				iocated within 12" from the ends of each plat extend a minimum of 7" into masonry or con	I comply with RC R404.1. Walls shall be capable of w grads. P4022.2. P4022.2. I was a strained a stand above her finished grade immun of where mascony versers is used and a unsupported her herated. The minimum with shall entity above. Still paties shall be schored b the para papado a maximum of 4/4° CC, and shall alloo be is sectors. R05 shall be at least 1/2° diameter and shall one. RC 59:402.1.6	<ol> <li>Bearing gradehrademark of the American Physicol Association. Span ratio be ust study to pills gavering indicated.</li> <li>Wall sheathing: APA rated Str 2014-Record: physicol, gland and nailed c. Higo sheathing: APA rated Str 2014-Record: physicol, gland and nailed c. Jost and beam hanges sheat be sized and installed per manufacturent' specification</li> </ol>	management 30 Hesketh Ste management 30 Hesketh Ste management 30 Hesketh Ste management 30 Hesketh Ste 30 Hesketh Ste
TABLE 2: U-VALUE					not over 3 units in 12 units.			<ol> <li>Crawlspaces (or "Under-Floor Space") share</li> </ol>		<ol> <li>Jost and beam nangers area de azeo and notaxed per manuscourers apecification</li> </ol>	tuated O
TABLE 2. 0-VALOL	TABLE 1: PROPOSED INSULATION R-VALUE AND GLAZING U-FACTOR RATINGS FOR BUILDING EI	) NUTLOOF		<li>Individual stair treads shall concentrated load acting or</li>	be designed for the uniformly ver an area of 4 square inches,	distributed live load or a 3 whatever produces the gre	0-pound iter stresses.	Ventilation.     Minimum net area of ventilation crawlippice area.     b. One ventilating opening shall b     Access: An access opening at least 16"x     Al autoreaded lumber shall be minimum 15		APPROVED	da in
R-VALUE	SERVING OT HE FOR RATINGS FOR BUILDING E	ATT LEAST E		d. A single concentrated load	applied in any direction at any	point along the top.		All untreated lumber shall be minimum 18     Roots     Pools     Pool	•		Professional Certification: I certify that these documents were prepared or monoved by me
ASSEMBLY	DESCRIPTION	PROPOSED R-VA	ALUE REQUIRED R-VALUE		ecks attached to exterior walls.			<ol> <li>Roof assemblies shall comply with IRC G.</li> <li>Roof verifiation and attic access shall con J. Firefaces, flues, and chimreys.</li> <li>Chimreys and firefaces shall comply wit determined in accordance with Fig. 8100</li> <li>Clearance to combuiltite multinitis.</li> </ol>			.2 documents were prepared or approved by me and that I am a duly licensed architect under th laws of the State of Manyland. License number 17073, expiration date 09-04-2022
Roof	2x6 with spray foam	R-49		<li>Guard in-fill components (a withstand a horizontally an</li>	Il those exept the handrail), ba plied normal load of 50 pound	Illusters and panel fillers sh	Il be designed to	<ol> <li>Chimneys and fireplaces shall comply wit determined in accordance with Fig. R100</li> <li>Clearance to combustible materials.</li> </ol>	Mont	tgomery County	17073, expiration date 09-04-2022
Walls	2x6 with spray toam	R-21	B-20	need not be assumed to ac	t concurrently with any other li	ive load requirement.		<ol> <li>Classico bi combutble materials.</li> <li>Nationny chimany bi costo with walks of the building, including an intrimm air pace classical freetocoling in accordance with bises than 2 from be front theory the set han 2 from be front theory the bises than 2 front accordance of macrony free the bises than 2 front accordance of the bises that a first accordance of the bises than 3 for the bises that a first accordance of the bises that a first accordance to bise that a first accordance of the bises that a first bises that a first accordance of the bises that a first bises that a first accordance of the bises that a first bises that a first accordance of the bises that a first bises that a first accordance of the bises that a first bises that a first accordance of the bises that a first bises that a first accordance of the bises that a first bises that a first accordance of the bises that a first bises that a first accordance of the bises that a first bises that a first accordance of the bises that a first bises that a first accordance of the bises that a first accordance of the bises bises that a first accordance of the bises that a first accordance of the bises bises that a first accordance of the bises that a first accordance of the bises bises that a first accordance of the bises that a first accordance of the bises bises that a first accordance of the bises that a first accordance of the bises bises that a first accordance of the bises that a first accordance of the bises bises that a first accordance of the bises that accordance of the bises that accordance</li></ol>			
			DEVICI					a mmmum ar space clearance fireblocking in accordance with b. All wood beams, joists, studs a less than 2 <sup>th</sup> from the footbase	Litera de P		Code Notes
Floor over unconditioned space	N/A	N/A	REVIEV	VED				3. Ventilation: Factory-built or masonry frep assure proper faal overhuidton unders fil	Historic Pre	servation Commission	helioed
Floor over outside air	N/A	N/A	R-19	International Energy Conse Executive Regulation No.21				indoor pressure is neutral or positive, IRC Swimming pools. 1. All residential swimming pools shall comp			12-05-2019 Existing Conditions 09-15-2019 Preliminary Pricing
Basement wall	N/A - EXIST TO REMAIN	N/A	By Michae	A Kuno a	+ 12-50 -	m	22 2022	<ol> <li>Electric Code.</li> <li>Swimming pool areas shall be fenced in c County Executive Regulation. The minim</li> </ol>			04-13-2021 Permit Set
Slab floor	Styrofoam	R-10	by wiicha		n design parameters are as ful	, Juli, Juli	22, 2022	Miscellanecus. 1. Energy efficiency: All dwellings shall com story additions of 200 of or less. 2. Padon: Radon verting is required and sh			
Slab perimeter & Depth	Styrofoam	R-10, 2 feet	K-10					<ol> <li>Padon: Radon venting is required and sh Methoda).</li> <li>Safety glass: Glass in doors, side lights, t glass. IPC §R308.4.</li> </ol>		$\wedge$	
Crawl space wall	Styrofoam	R-10 continuous	R-10/R-13	GROUND	SEISMIC	SUBJECT TO DAMAGE FRO		lanufactured parts: All manufactured parts to be insta	1	2 //	
Duct Insulation	Batts	R-8	R-6, R-8 in Attics	SNOW SPEED	DESIGN CATEGORY WEATHER	RING DEPTH	02 Site V DECAY	Nork Sol. A. Soil bearing capacity minimum requirement: 2 B. Assumed soil equivalent fluid pressure: 40 PSI	N/M/	ITI MATTI	
U-FACTOR							2.0	B. Assumed soil equivalent fluid pressure: 40 PSI Drainage.     A. Lot drainage shall comply with IRC §R401.2     B. Foundation drainage shall comply with IRC §R	4 ////////	KEN / ////////	
		PROPOSED **	REQUIRED IL	30 PSF 115 MPH	B SEVER	RE 30 IN. MODERA TO HEAV	E SLIGHT TO NODERATE 3. F		1 100 11	Eh. MATA	
ASSEMBLY	DESCRIPTION	PROPOSED U- FACTOR	REQUIRED U- FACTOR		1			A. Unless otherwise determined by soil engineer, sand and gravel, well-compacted by appropria greater than 6" thick, to a density not less than determined by ASTMD-898, the standard Proc meteodel trady muck concrete, asyhelic or other setting of the standard processing of the standard processing meteodel trady.	/ • ·	i	
Glazing - Windows & Doors	Loewen Windows & Doors	U - 0.4	U - 🕽 🗮 0.32	WINTER ICE SHIELD UNDERLAY TEMP MENT	FLOOD AIR HAZARDS FREEZI	NG ANNUAL X TEMP.	SOIL BEARING CAPACITY	material, trash, muck, concrete, asphalt or oth surface shall be cleared of all refuse or organic B. Basement wal shall not be backfilled until the braced, IRC §R404.1.7			
Glazing - Skylights	N/A	N/A	u 🔀 0.4	TEMP. REQUIRED	HAZARDS FREEZI INDE	X TEMP.	CAPACITY	C. Maximum unbalanced fill for foundation walls s			0001
				13 F YES	JULY 2, 300	55 F	2,000 PSF OKAS OFTERMINED BY OFTEROPOLA BAULATION	-			0001
Insulation Gener	al Notes			.31 10	1979 300	, , , , , , , , , , , , , , , , , , ,	GEOTECHNICAL BIALINATION				





Exter	Exterior Door Schedule									
ID	ID Qty Type	Type Manufacturer		Lites	Transom		Location	Note		
		iype	Manufactorer	Model/Size	LITES	Height	Lites	Location	NOIE	
D101	1	French	NanaWall or Eq	2-6×7-6	See Elevation			Kitchen	Tempered	
D102	1	French	NanaWall or Eq	2-6x7-6	See Elevation			Kitchen	Tempered	
D103	1	See Notes	NanaWall or Eq	15-4x7-6	See Elevation			Kitchen	Tempered (1)active 2-6 x 7-6 & (5) 2-6 x 7-6	

Wind	Window Schedule									
ID	Qty	Units	Model/Size	Type	Manuf.	Lites	Location	Note		
W101	1	1	2-0x4-5	Double Hung	Loewen	2W2H/2W2H	Bar			
W201	1	1	2-0x4-5	Double Hung	Loewen	2W2H/2W2H	Laundry			
W202	1	2	2-8x4-1 2W	Double Hung	Loewen	3W2H/3W2H	Bath 3			

Interior Door Schedule									
ID	Qty	Size	Type	Leaf Thickness	Lites	Operation	Hardware	Note	
001	1	2-6×6-8	Six Panel	13/4"		Swing			
002	1	2-6x6-8	Six Panel	13/4"		Swing			
101	1	(2)2-0x6-8	Six Panel	1 3/4"		Pocket			
102	1	2-6x6-8	Six Panel	1 3/4"		Swing			
201	1	2-8×6-8	Six Panel	13/4"		Swing			
202	1	2-8x6-8	Cased Opening	0"					
203	1	2-6x6-8	Six Panel	1 3/4"		Swing			
204	1	2-8x6-8	Six Panel	13/4*		Swing			



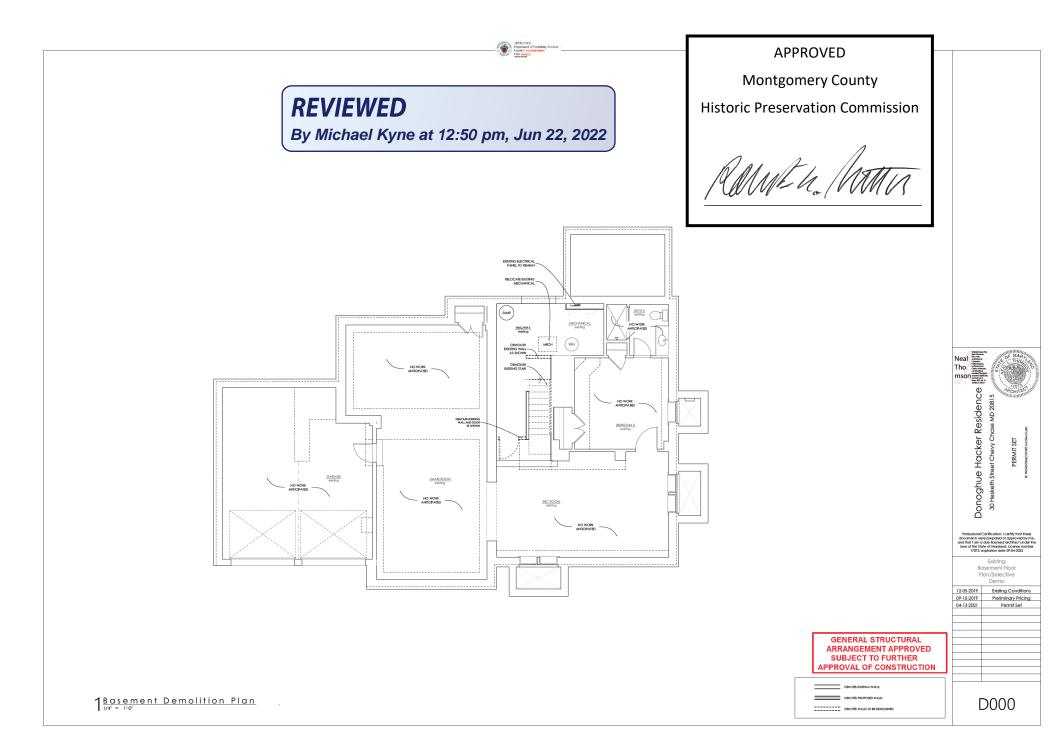
Montgomery County

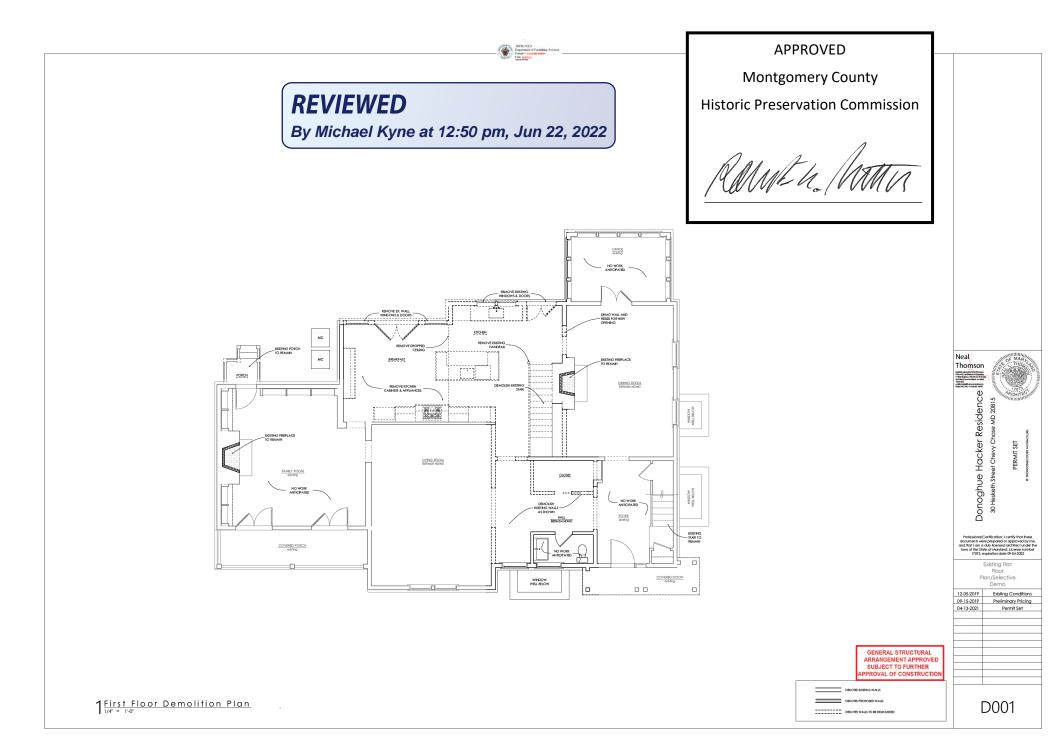
Historic Preservation Commission

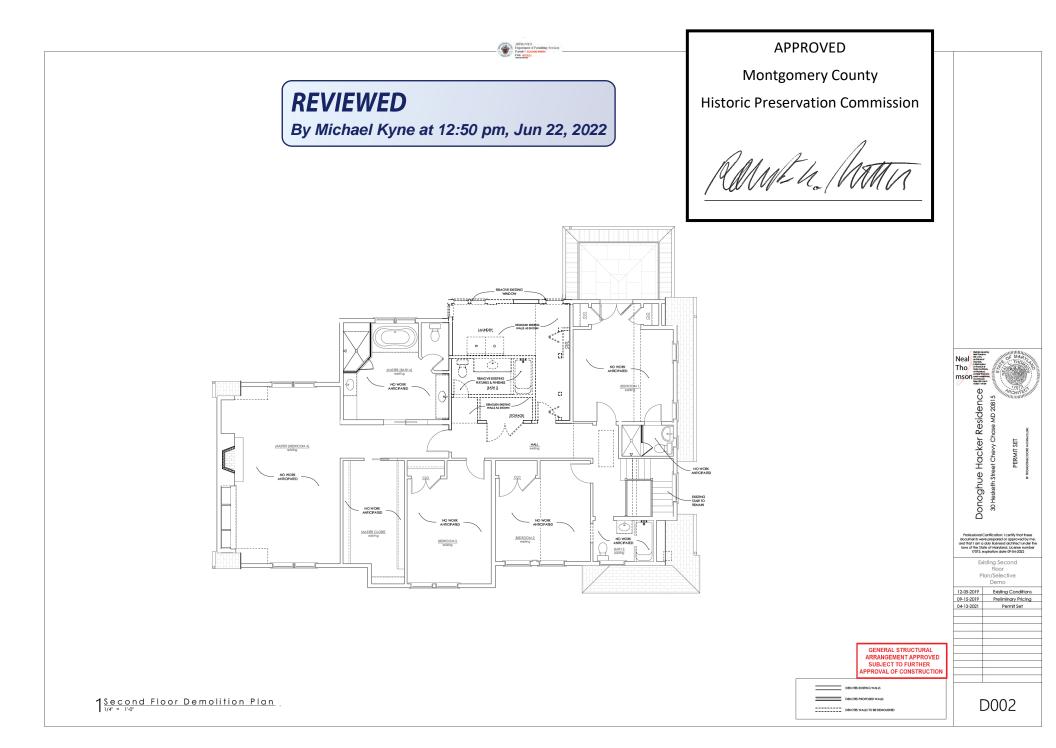
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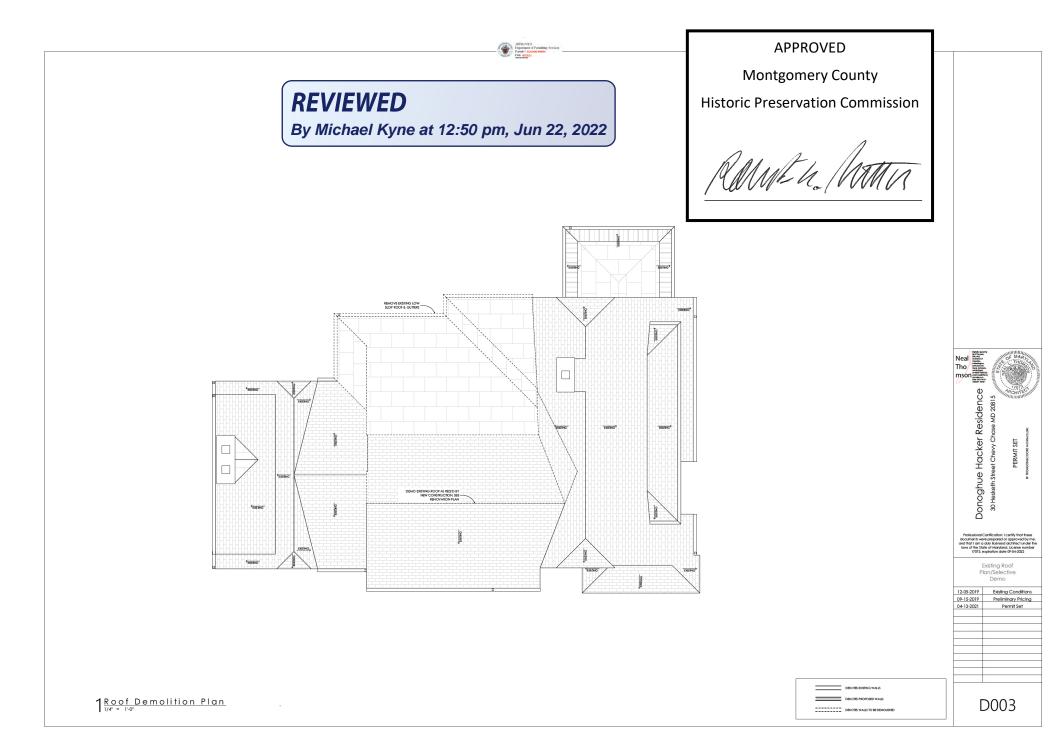
By Michael Kyne at 12:50 pm, Jun 22, 2022

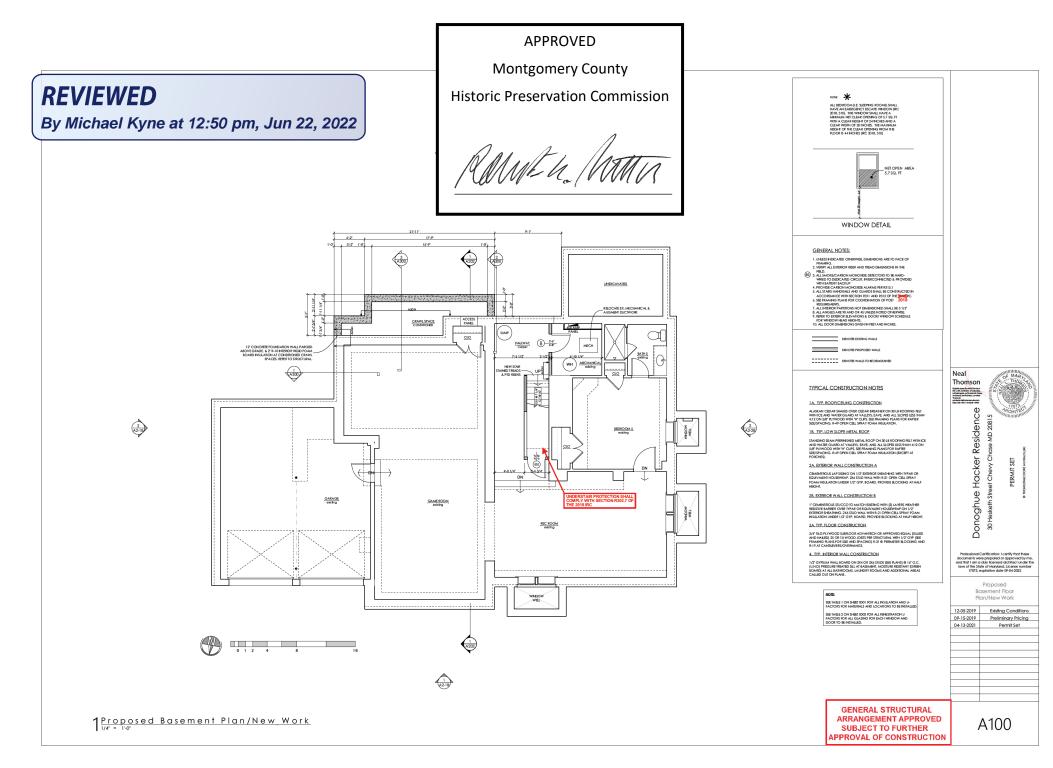
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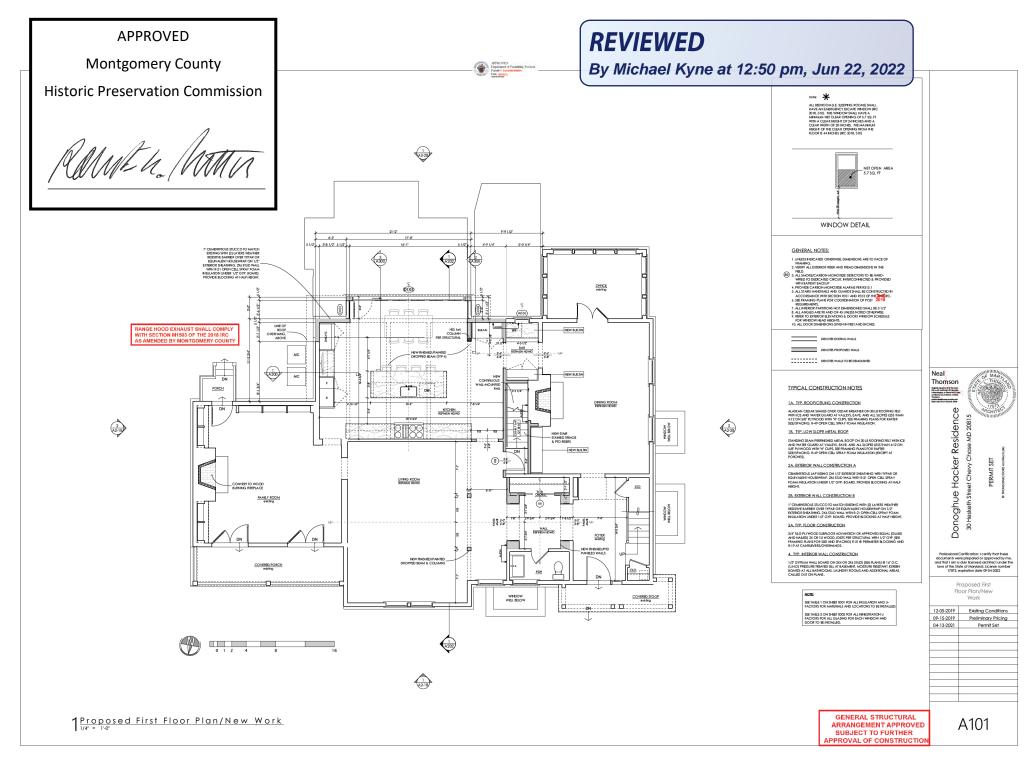


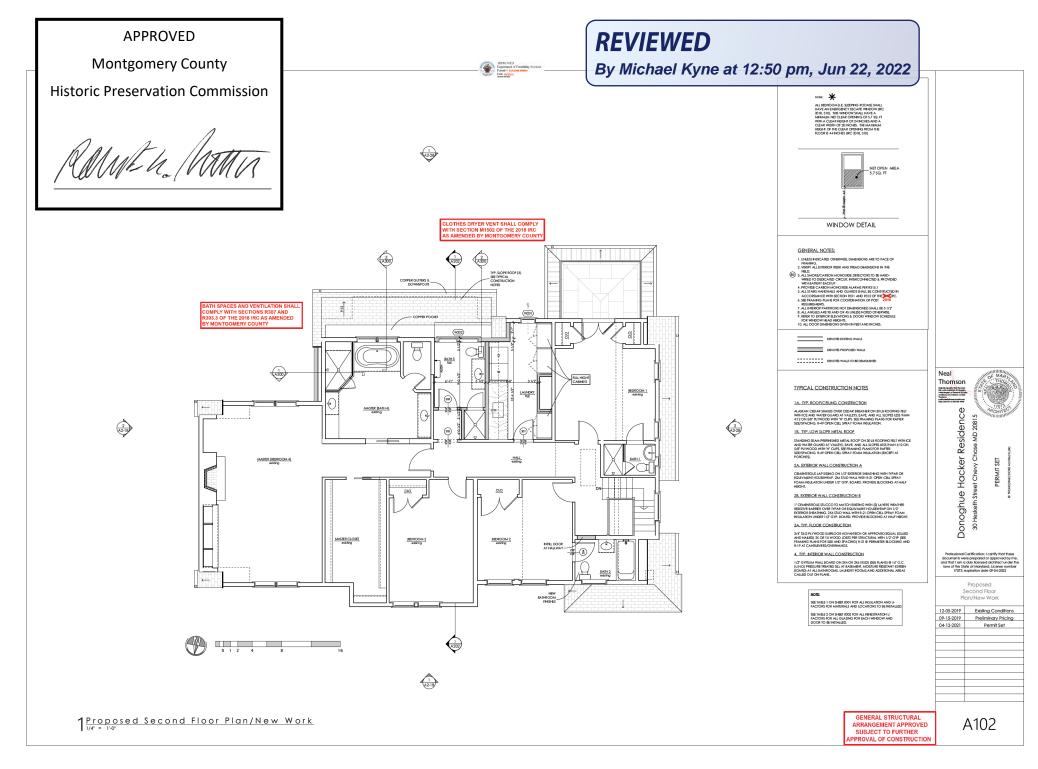


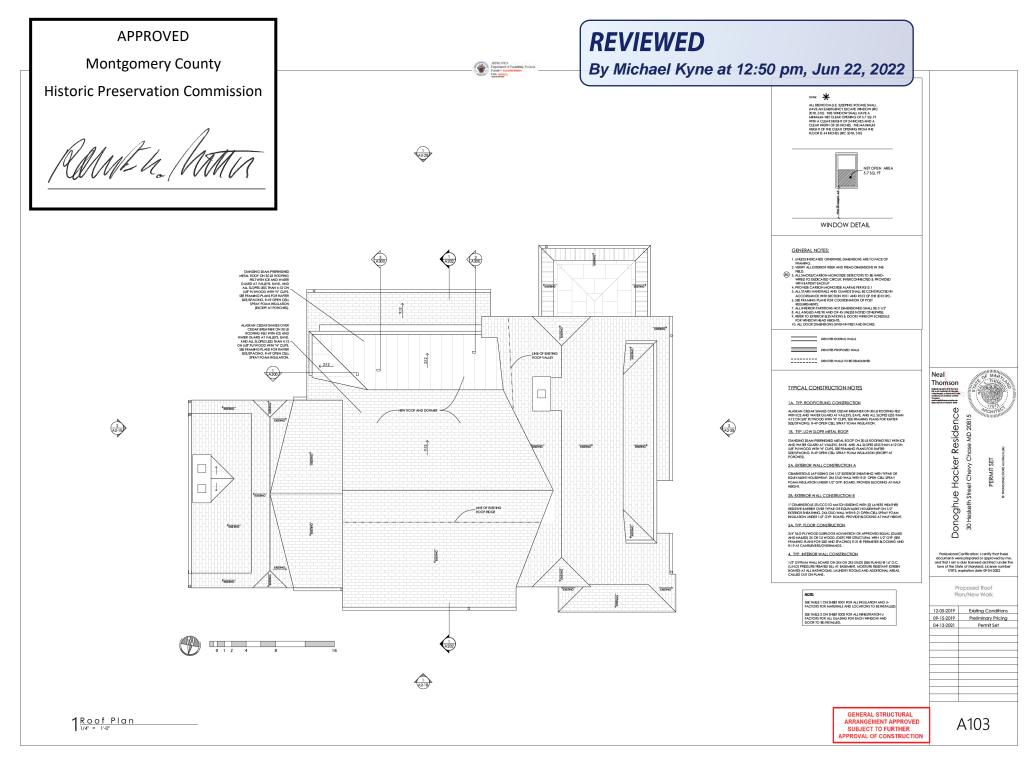


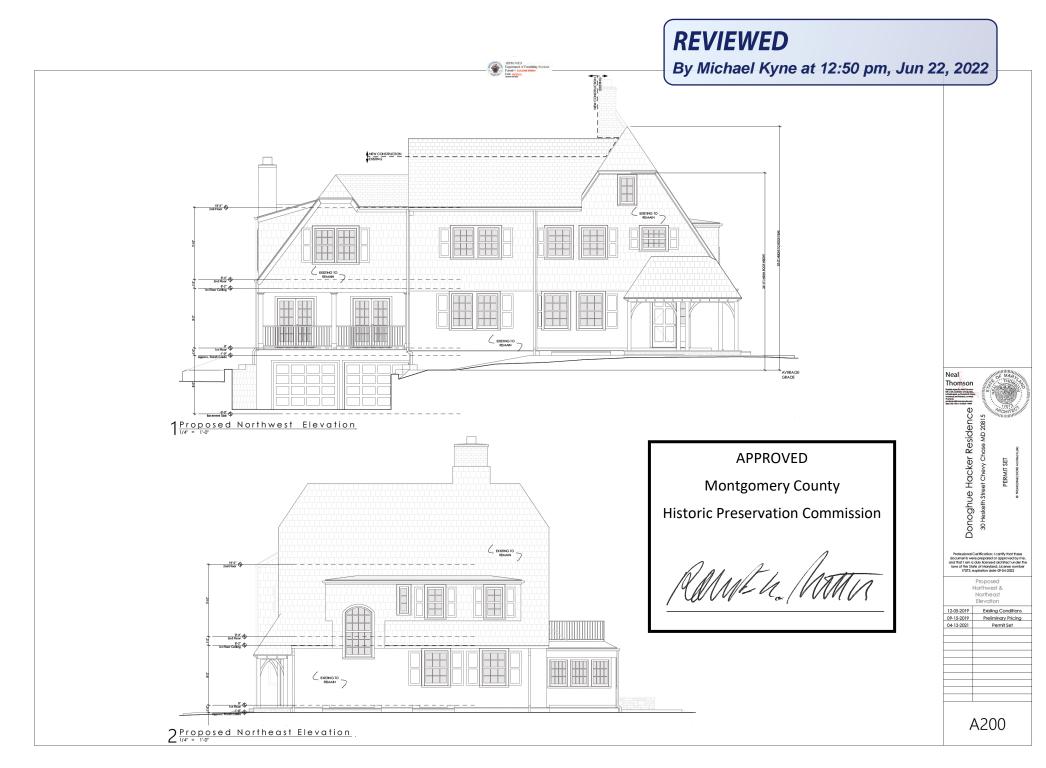


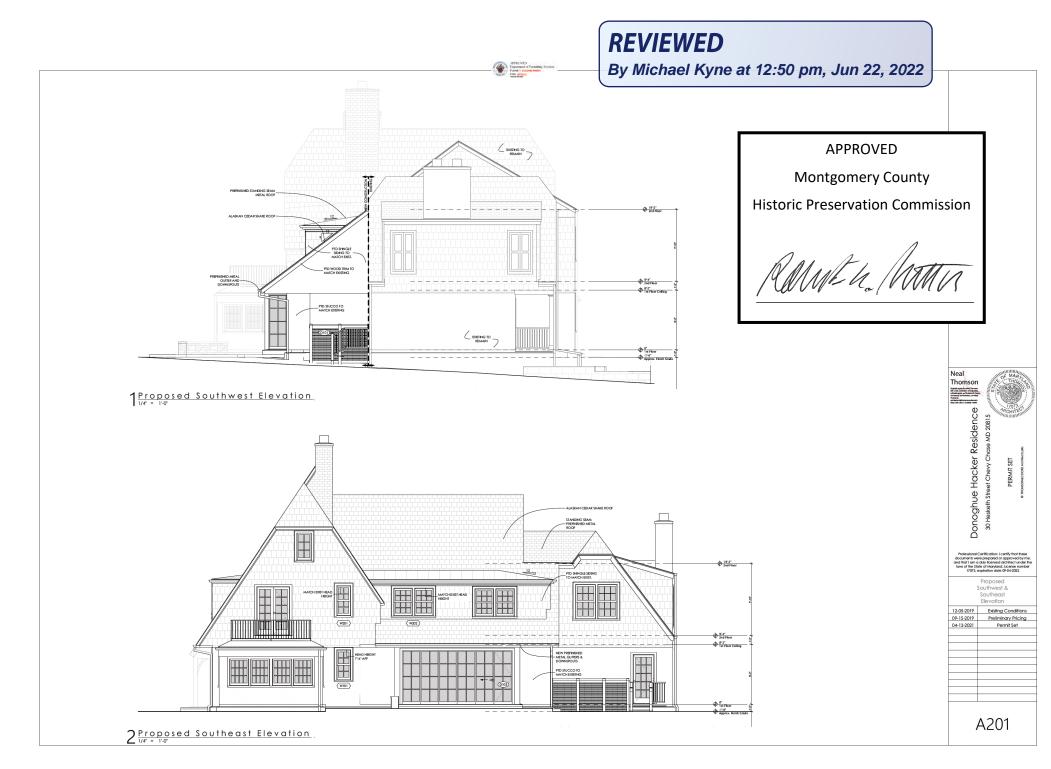


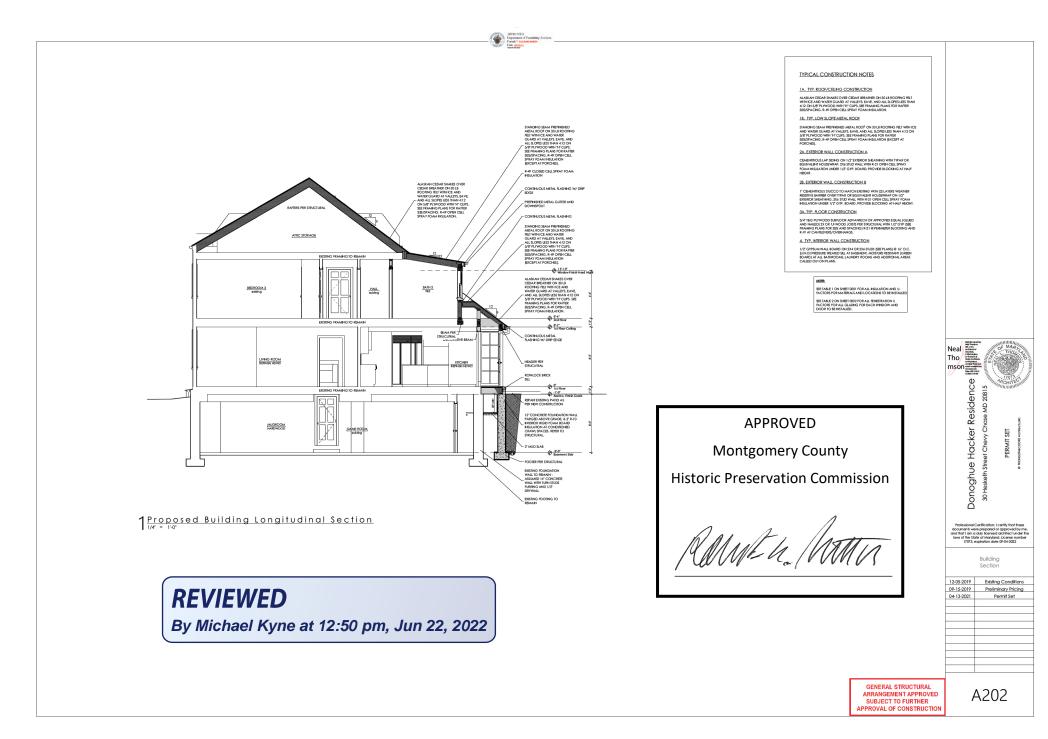


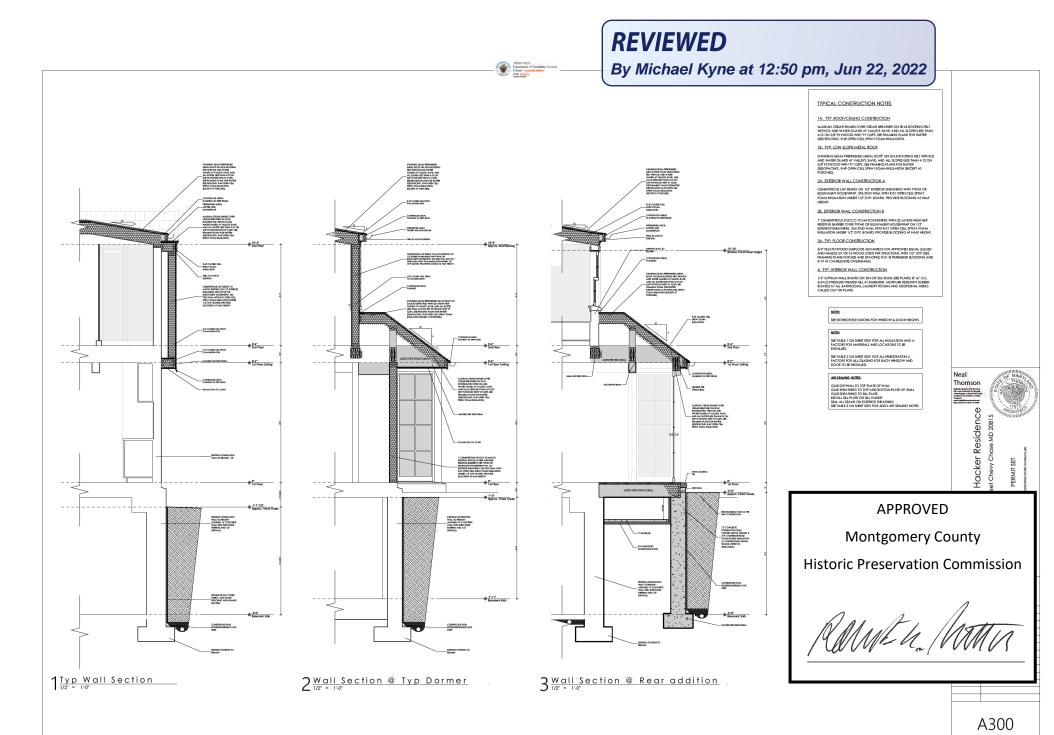


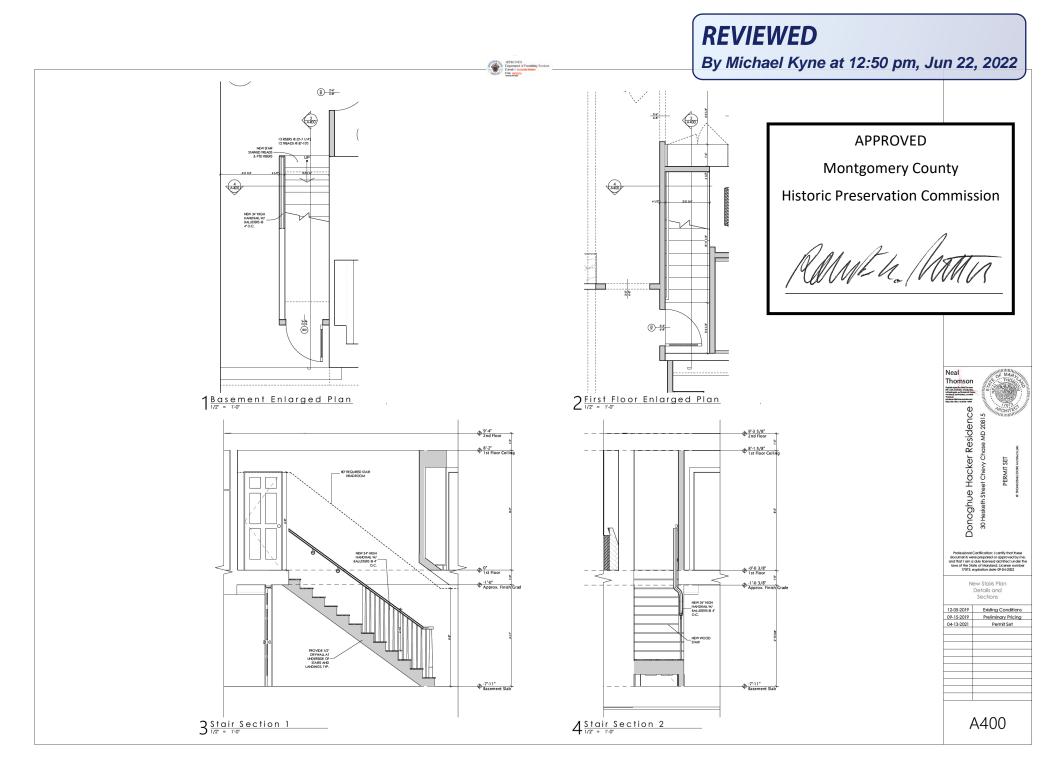


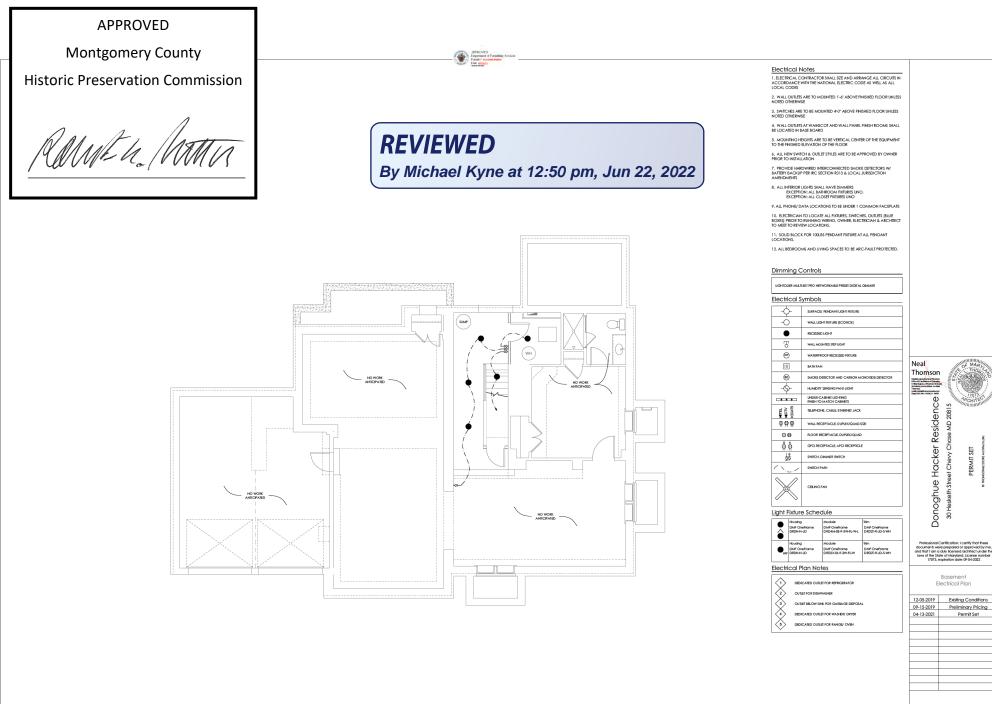






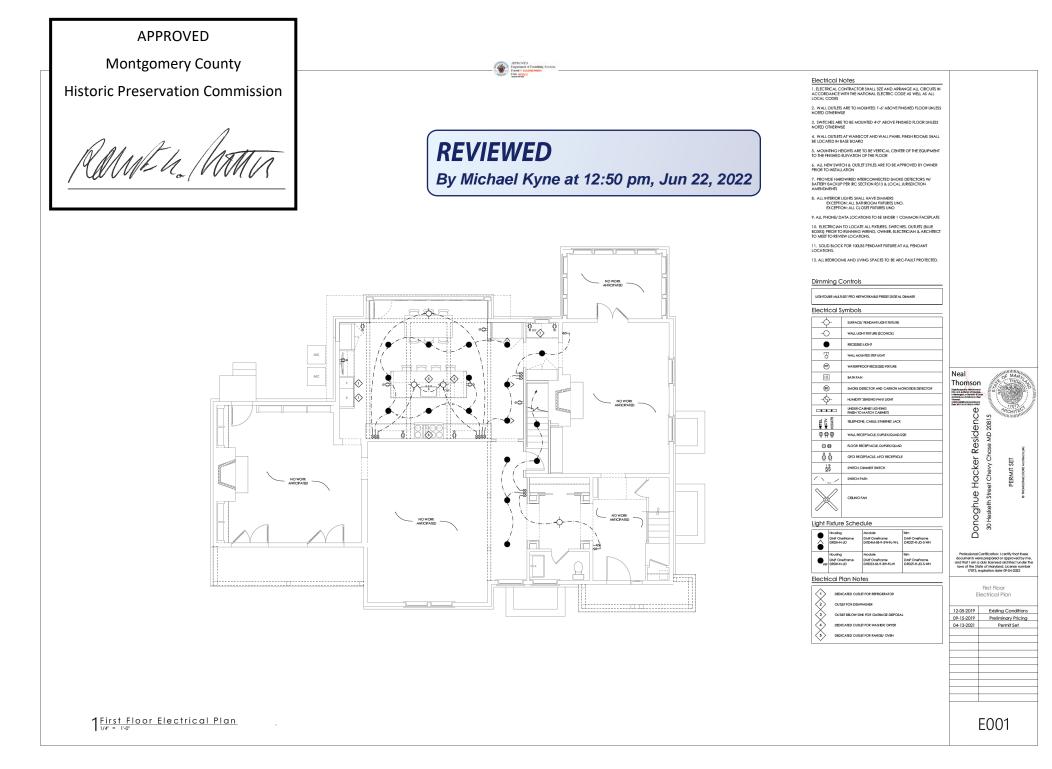


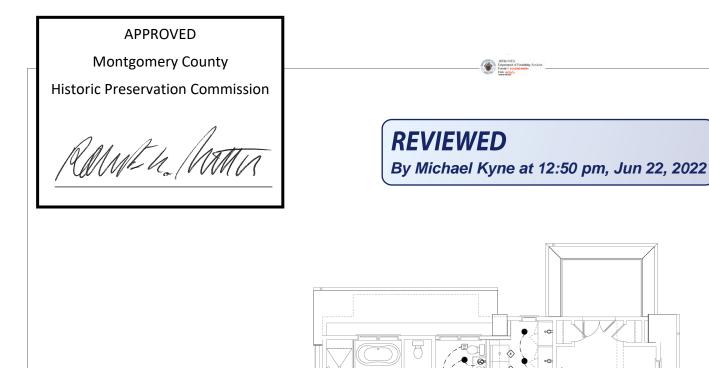




1 Basement Electrical Plan

E000

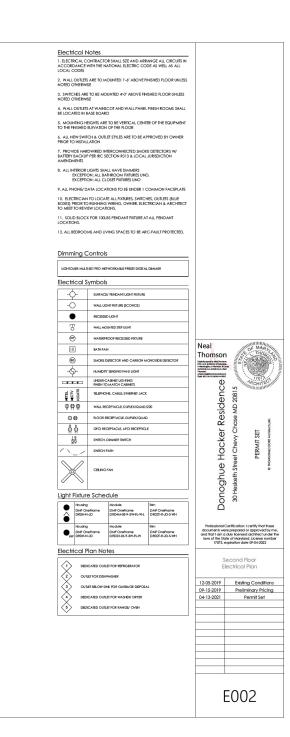




NO WORK NTICIPATED ø

NO WORK

TO EX. HALLWAY UGHTS AND SWITCH



1 Second Floor Electrical Plan

## **REVIEWED**

By Michael Kyne at 12:50 pm, Jun 22, 2022

A.B. ADD'L, ADDNL ADJ

ANCHOR BOLT ADDITIONAL ADJACENT

DESIGN NOTES

- I. DESIGN LIVE LOADS FOR NEW WORK A. ROOF LIVE LOAD
- 1. Pg = 30 PSF, MIN ROOF DESIGN LOAD = 30 PSF 2. Pf = 21 PSF + DRIFTING
- B. FLOOR LIVE LOADS
- 1. BEDROOMS = 30 PSF 2. DWELLING AREAS = 40 PSF
- C. WIND LOAD
- VULT (3-second gust) = 115 MPH Vservice (10-YR, MRI) = 75 MPH
- EXPOSURE = B D. SEISMIC LOAD
- LATERAL FORCE SYSTEM: BRACED WOOD PANELS
- SEISMIC USE GROUP = I SITE CLASS = D
- NO DESIGN REQUIRED PER IRC/R301.2.2
- CODE: THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH: 2018 IRC F. ASSUMED SOIL PARAMETERS
- P AT REST = 60H
- 2. P ACTIVE = 45H 3. P PASSIVE = 300H
- G. DEAD LOADS
- 1. ROOF = 15 PSF
- TYPICAL FLOORS = 12 PSF TILE/STONE FLOORS = 20 PSF
- IL WOOD
- NOUD ALL JOISTS, BEAMS AND POSTS SHALL BE SPRUCE-PINE-FIR NO. 1NO.2 PER "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", NPA. ALL STUDS SHALL BE SPRUCE-PINE-TR STLO-GRADE. ALL WOOD MIMBERS SHA JAAURACTURED TO COMPLY WITH PS30 CP "ALLERICAN SOFTWOOD LUMBERS STANDARDS" AND SHALL INVE THAN MAXIMUM MONTURE CONTENT.
- MINIM IM MEMBER PROPERTIES SHALL BE AS FOLLOWS:
- WOOD LINTELS, JOISTS AND BEAMS a) FLEXURE: Fb = 875 PSI
- b) SHEAR: Fy = 135 PSI c) MODULUS OF ELASTICITY = 1,400,000 PSI
- 2. WALL STUDS: STUD GRADE
- FLEXURE: Fb = 675 PSI COMPRESSION PARALLEL: Fc\* = 725 PSI
- c) MODULUS OF ELASTICITY = 1,200,000 PSI NG EXPOSED TO WEATHER IN ACCORDANCE WITH IRC SECTION 2304.12
- ALL FRAMME EXPOSED TO VERSIHER IN ACCORDANCE WITH IRS SECTION 2014;12 AT EFASTED IN ACCORDANCE WITH ANNU THESE INSUBJECTS SHALL BE PRESSURE TREATED SCITTERIN PIRE NO 2 FER THE NATIONAL DESKON SECTIONATION FOR ONCO CONSTRUCTION TO SALL AUGO ON BIBERTS SHALL BE MANUFACTURED TO COMPLY WITH PESSIO FT HE MARECINA SOFTWOOD GUIDER STANDARDIS "MANUFACTION FOR THE SALE EN ACCORDANCE WITH TABLE 3D IN THE "NATIONAL DESKON SECTIONATION FOR WOOD CONSTRUCTION" PRESSURE TREATED WOOD BIBLERS "PT", SHALL BE IN ACCORDANCE WITH TABLE 3D IN THE "NATIONAL DESKON SECTION FOR WOOD CONSTRUCTION" PRESSURE TREATED WOOD BIBLERS "PT", SHALL BE INVOLDED WEEK
- EATED WOOD MEMBERS 717, SHALL BE PROVIDED WHEN, (1, WOOD JOETS OR THE BOTTOM OF A WOOD STRUCTURAL FLOOR IS CLOSER THAN 15 MOHES TO GRADE OR WHEN A WOOD GRADERBEAMS CLOSER THAN 15 MOHES TO GRADE OR SPROED ORWIL SPACES OR UNEXCANTE OR AREAS LOCATED WITHIN THE PERPHERY OF THE BUILDING, WAYA USC CATEGORY UC039
- WOOD FRAMING MEMBERS REST ON A CONCRETE OR MASONRY EXTERIOR FOUNDATION WALL AND ARE LESS THAN 8-INCHES ABOVE THE EXPOSED EXTERIOR GRADE. (AWPA USE CATEGORY: UCAA)
- WOOD SIDING, SHEATHING AND WALL FRAMING IN THE EXTERIOR OF A EURDING HAVING A CLEARANCE OF LESS THAN & MICHSE FROM THE GROUND OR LESS THAN ZANCHES MESUNED VERTICALLY FROM CONCRETE STEPS, PORCH SLABS, PATIO SLABS, OR SINLAR HORZONTAL, SURFACES EXPOSED TO THE WEATHER, WWPA USE CATEGORY: USA)
- ALL EXTERIOR WALL STUDS ARE TO BE SPACED AT 16" O.C. (U.N.O.). PLACE DOUBLE STUDS AT END OF WALLS AND TRIPLE STUDS AT INTERSECTIONS / CORNERS, ALL MULTIPLE STUD POSTS SHALL BE FASTENED AS FOLLOWS: DOUBLI STUDS SHALL BE NAILED TOGETHER WITH 100 AT 6° .O.C. TRIPLE STUDS SHALL BE NAILED TOGETHER WITH 304 AT 6° O.C. EACH SIDE.
- PROVIDE SIMPSON STRONG-TIE (OR APPROVED EQUAL) POST CAPS AT ALL BEAM-ON-POST BEARING LOCATIONS NOT LOCATED WITHIN STUD WALLS, U.N.O.
- BEDMONEYOSI BEDMANG LOGAILONS ON LOCATED WITHING INALG, OLO. POOF SHARTING SHALL BE SANCH, COX, APA STINUCTURAL INATES SHARTING EPOOSIJIEL PER THE "MARRICAN PLYNODO ASSOCIATION", SHARTING SHALL BE FASTENED WITH 64 MAILS AT 6 INCHES ON CENTER AT PANEL EDGES AND AT 12 MCHES ON CENTER AT ALLIN TERMEDIATE BUPORTS.
- WALL SHEATHING SHALL BE 7/16/INCH, CDX, APA STRUCTURALI RATED SHEATHING, EXPOSURE I. PER THE "AMERICAN PLYMOOD ASSOCIATION." SHEATHING SHALL BE FASTENED WITH BA INAL SA F JAICHCES ON CONTER AT PANEL EDGES AND AT 12-INCHES ON CENTER AT ALL INTERMEDIATE SUPPOR
- G. ALL FLOOR SUBFLOORING SHALL BE 3/4-INCH THICK T&G, APA RATED 32/16 AD LIDORCH SHEATHING OR STURD-I-RLOR AT DOC CATED. SHEATHING SHALL BE GUED WITH SUB-RLORA DHESINE AND BE FASTENED WITH & INALS AT G-INCHES ON CENTER AT PARKE EDGES AND AT 12-INCHES ON CENTER AT ALL INTERMEDIATE SUPPORTS.
- LAMINATED VENEER LUMBER (L.V.L.) SHALL BE INSTALLED AND FASTENED PER THE MANUFACTURER'S RECOMMENDATIONS. MINIMUM MEMBER PROPERTIES SHALL BE AS FOLLOWS:
  - FLEXURE: Fb
  - SHEAR: P 285 PSI
  - 3. MODULUS OF ELASTICITY: E = 2.000.000 PSI

CONTRACTOR SHALL PROVIDE MANUFACTURER'S PRODUCT SHEETS FOR APPROVAL FOR ALL LVL BEAMS

= 2 800 PSI

POSTS · FLEXURE: Fb = 2400 PSI COMPRESSION: Fc = 2500 PSI
 MODULUS OF ELASTICITY: E = 1,800,000 PSI CONTRACTOR SHALL PROVIDE MANUFACTURER'S PRODUCT SHEETS FOR APPROVAL FOR ALL PSL POSTS AND BEAMS PROVIDE MIN. 3" BEARING FOR ALL LAMINATED VENEER AND STANDARD LUMBER BEAMS. NO JOIST OR BEAM BEARING SHALL OCCUR ON MASONRY VENEER WALLS K. ALL WALL SHEATHING SHALL BE CONTINUOUS BETWEEN TOP PLATES AND BOTTOM PLATE OF WALL ABOVE. ALL PLYWOOD PANELS EDGES SHALL BE CONTINUOUSLY BLOCKED AND ANLED. CARTINUOUS ET DUCKNETS ANE TO DE FASTENED TOGETHER WITH THE FOLLOWING MALS AND SAMPSON SOS (STRONG-ORM'E SCREWS), USING THE ASTERIERE TO-RESTREME SPACIADE NOTED WITH REACH NOW OF FASTENERS. ALL FASTENERS SHALL BE INSTALLED IN THE GUANTITY OF ROWS SPECIFIED, IN A STRAGERED PATTERIN. 
 SPACING
 ROWS

 12" O.C.
 2

 16" O.C.
 2"

 12" O.C.
 2"
 PLIES DEPTH (2)1-1/2" 6'-12" FASTENERS 10d NAILS 16d NAILS (2)1-1/2" 6'-12" (3)1-1/2" 6'-12" (4)1-1/2" 6'-12" SDS1/4"x6" (2)1-3/4" 9"-12" 12d NALS 16" O.C. 2 (3)1-3/4" 9'-12" SDS1(4"x4-1/2" 12"0.0 SDS1/4"x6" 12" O.C. (4)1-3/4" 9"-12" ALL TRIPLE AND QUADRUPLE-PLY MEMBERS SHALL BE FASTENED FROM BOTH SIDES WITH THE NUMBER OF ROWS AND FASTENERS SPECIFIED.
 SDE-TO-SIDE SPACING SHALL ALSO BE STAGGERED. PROVIDE SOLID BLOCKING BETWEEN JOISTS AND RAFTERS AT ALL BEARING
PRINTS. N. ALL MISCELLANEOUS WOOD CONNECTIONS SHALL BE FASTENED PER 2018 IRC "FASTENING SCHEDULE" R602.3(1). P. DOUBLE JOISTS SHALL BE LOCATED BENEATH ALL PARTITIONS WHEN THE LENGTH OF THE PARTITION EXCEEDS ONE HALF THE SPAN.

PARALLEL STRAND LUMBER (P.S.L.) SHALL BE INSTALLED AND FASTENED PER THE MANUFACTURER'S RECOMMENDATIONS. MINIMUM MEMBER PROPERTIES SHALL BE AS FOLLOWS FOR P.S.L.

- JOIST HANGERS SHALL BE SIZED ACCORDING TO THE FOLLOWING SCHEDULE (UN O):
  - HANGER SUPPORTED MEMBER 2×8 LUS26 2x10 LUS28 2x10- SLOPED LRU210 2x10- SLOPED + SKEWED HU210 (2)2x10 LUS210-2 (2)2x10- SI OPED ISSR210-2 LUS210-3 2x12 LUS212 (2)2x12 LUS212-2

(2)2x12 STRINGER LSC (3)9 1(4" I VI HGI TV6 (3)11 1/4" LVL HGLTV6

SOME HANGERS MAY REQUIRE 16d NAILS - REFER TO THE SIMPSON STRONG-TIE CATALOG FOR REQUIREMENTS. CONTRACTOR SHALL PROVIDE MANUFACTURERS CUT SHEETS FOR ALL HANGER SUBSTITUTIONS.

- R. ALL NOTCHED STAIR STRINGERS SHALL HAVE AN EFFECTIVE MINIMUM DEPTH OF 5 1/2". PRE-ORILL NOTCH CORNERS WITH A 1/4" Ø HOLE TO REDUCE STRESS CONCENTRATION AND DO NOT OVER-OUT NOTCHES.
- III. CONCRETE
- A. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 301, ACI 318 AND ACI
- - B. CEMENT SHALL COMPLY WITH ASTM C150, TYPE I OR II. REINFORCING STEEL SHALL BE DEFORMED BILLET STEEL CONFORMING TO ASTN A615 GRADE 60. ALL REINFORCEMENT SPLICES SHALL BE A MINIMUM OF 40 BAR DIAMETERS.
  - D. CAST-M-PLACE CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH FC = 3000 PSI FOR FOOTINGS AND FOUNDATION WALLS. Fc = 3000 FSI FOR EXTERIOR EXPOSED SLABS/STEPS, GARAGE SLABS AND FOUNDATIONS WALLS. E. CONCRETE SLUMP SHALL = 4" ± 1".
  - F. MINIMUM CONCRETE COVER BETWEEN FACE OF REINFORCING BAR AND FACE OF CONCRETE SHALL BE AS FOLLOWS: 1 CONCRETE CAST AGAINST FARTH = 3\*
  - CONVENE LE UNE IN MUMINE EXAMPLE :
     CONVENE LE UNE IN MUMINE EXAMPLE :
     CONVENE LE UNE CONCENTE EXPOSED TO WEATHER OR EARTH = 2"
     ALL SLABS AND FOUNDATION WALLS EXPOSED TO WEATHER SHALL HAVE A
     MINIMUM AIR ENTRAINMENT OF 6% ± 1.5%.
  - H. PROVIDE CORNER BARS AT ALL WALL INTERSECTIONS WITH SIZE AND SPACING TO MATCH HORIZONTAL WALL REINFORCEMENT.
  - PROVIDE KEYED JOINTS BETWEEN ALL NON-MONOLITHIC INTERSECTING CONCRETE WALLS AND AT ALL CONCRETE JOINTS.
  - GROUT SHALL BE NON-SHRINKABLE, NON-METALLIC CONFORMING TO ASTMI C1107 AND SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH AT 28 DAYS OF 5,000 PSI. PREGROUTING OF BASE PLATES SHALL NOT BE PERMITTED. PROVIDE DOWELS WITH STANDARD BAR HOOK IN FOOTING TO MATCH DIAMETER AND SPACING OF VERTICAL REINFORCEMENT. MINIMUM SPLICE LENGTH = 40x BAR DAMETER.

CONCRETE PATCHWORK TOTALING LESS THAN 8 CUBIC YARDS MAY UTILIZE A BAGGED CONCRETE MIX WITH THE PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

- IV. STRUCTURAL STEEL ALL STRUCTURAL STEEL SHALL BE ASTM FABRICATED AND ERECTED IN ACCORDANCE WITH AISC "STEEL CONSTRUCTION MANUAL" WITH A MINIMUM YIELD STRENGTH AS FOLLOWS: W SHADES: Ey = 50 kmi DED ASTM & 002

  - W SHAPES: Fy = 50 kB, FER ASTM A 952. PLATES: Fy = 36 kB PER ASTM A36. HSS SHAPES (SQUARE): Fy = 50 kB PER ASTM A-500 GRADE C. ANCHOR RODS: Fy = 36 ksi, PER ASTM F1554 GRADE 36.
  - BOLTS: Ft = 20 ksi, PER ASTM A307, U.N.O.
- WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE "STRUCTURAL WELDING CODE" AWS D1.1-2015. USE 70 KSI, LOW-HYDROGEN ELECTRODES C. NO OPENINGS IN BEAMS OR COLUMNS ARE PERMITTED WITHOUT PRIOR APPROVAL.
- SPLICING OF STRUCTURAL STEEL MEMBERS WHERE NOT DETAILED ON THE CONTRACT DCCUMENTS IS PRCHIBITED WITHOUT PRIOR APPROVAL AS TO LOCATION, TYPE OF SPLICE AND CONNECTION TO BE MADE.
- ALL MISCELLANEOUS STEEL CONNECTIONS SHALL BE WELDED ALL AROUND WITH ONE-QUARTER-INCH FILLET WELD UNLESS OTHERWISE NOTED, EXCEPT FOR SLOTTED CONNECTIONS.
- F. PROVIDE A MINIMUM BEARING LENGTH OF 6" FOR ALL BEAMS SUPPORTED ON
- G. ALL WORK SHALL COMPLY WITH THE AISC CODE 'CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES'.
- V. POST INSTALLED ANCHORS
- A. EXCEPT WHERE INDICATED ON THE DRAWINGS, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS ROWIDED BY HILTI, INC, OR AN EQUIVALENT AS APPROVED BY THE STRUCTURAL ENGINEER. ANCHORAGE TO MASONRY:
  - a. ADHESIVE ANCHORS FOR USE IN GROUT FILLED CMU, HOLLOW CMU, BRICK WHOLES AND MULTI-WYTHE BRICK. · HILTI HIT-HY 270 ADHESIVE SYSTEM (OR EQUAL) PER ICC ESR-4143 INSTALLED USING THE SAFE SET DRILLING METHOD.
  - ADHESIVE ANCHORS SHALL CURE A MINIMUM OF 20-HOURS PRIOR TO ANY LOADS BEING APPLIED TO THE ANCHORS.

#### VI. GENERAL

- VERTINAL THE CONTRACTOR SHALL MEASURE AND PROVIDE ALL EXISTING FELD DIMENSIONS, ELEVATIONS AND COMDITIONS AT THE JOS SITE PROR TO CONSTRUCTION MAY THE SUBJISSION CAN HOR PARAMISSA DI ANALLINDTEY THE RECHTLICT IMMEDIATELY OF ANY DISAFED PARAMISSA DI ANALLINDTEY THE RECHTLICT IMMEDIATELY OF ANY DISAFED PARAMISSA DI ANALLINDTEY NOTIFICATION SHALL PROCEED PROC TO THE START OF MORE DI ANALLINDTE NECESSARY COMPLES DAVIE MADE INTHOUT DELAYING THE PROLECT SOFEDULE
- B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORAR BRACING AND SHOPING, AS REQUIRED, TO ENSURE VERTICAL AND LATERAL BRACING AND SHOPING, AS REQUIRED, TO ENSURE VERTICAL AND LATERAL STABILITY OF THE ENTIRE STRUCTURE OR PORTION THEREOF DURING CONSTRUCTION.
- C. ALL WALLS ARE DESIGNED AS LATERALLY BRACED BY THE FLOOR AND ROOF SYSTEMS. CONTRACTOR SHALL ENSURE THAT WALLS ARE ADEQUATELY BRACED
- D. TEMPORARY BRACING SHALL BE PROVIDED FOR ALL WALLS SUBJECT TO UNBALANCED BACKFILL BRACE WALL PLUMB UNTIL STABILIZING ELEMENT ABOVE IS IN PLACE.
- E. THE DEVELOPMENT AND IMPLEMENTATION OF JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

#### VII. DEMOLITION

- ALL MEANS AND METHODS OF SAFELY REMOVING ALL EXISTING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
  - CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING REQUIRED FOR DEMOLITION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF AND PROCEDURES FOR THE REQUIRED TEMPORARY SHORING, THE DESIGN PROCEDURES SHALL CONFORM TO ALL GOVERNING CODES AND SAFETY REQUIREMENTS.
  - VII. TESTING AND INSPECTION
  - THE CONTRACTOR SHALL RETAIN THE SERVICES OF AN INSPECTION AGENCY TO PERFORM THE FOLLOWING SERVICES.
  - A. INSPECTION OF SUBGRADE BELOW ALL FOUNDATIONS AND SLAB-ON-GRADE TO VERIFY THE ADEQUACY OF THE BEARING MATERIAL.
  - VENITTI REPUBLICATION OF THE BECOMMENTER TO THE ARCHITECT STATING WRITTEN REPORTS SHALL BE SUBMITTED TO THE ARCHITECT STATING COMPLIANCE OR NOVCOMPLIANCE WITH DESIGN DOCUMENTS AND SPECIFICATIONS, ALL REPORTS SHALL BE SIGNED AND SEALED BY A REGISTERED ENO INCERLICENSED IN MARTLAND.
  - INSPECTION AND TESTING OF ALL NEW STRUCTURAL FILL WITH REPORTS SUBJITTED TO ARCHTECT STATING COMPLIANCE OR NONCOMPLIANCE WITH PERCENT COMPACTION REQUIREMENTS.

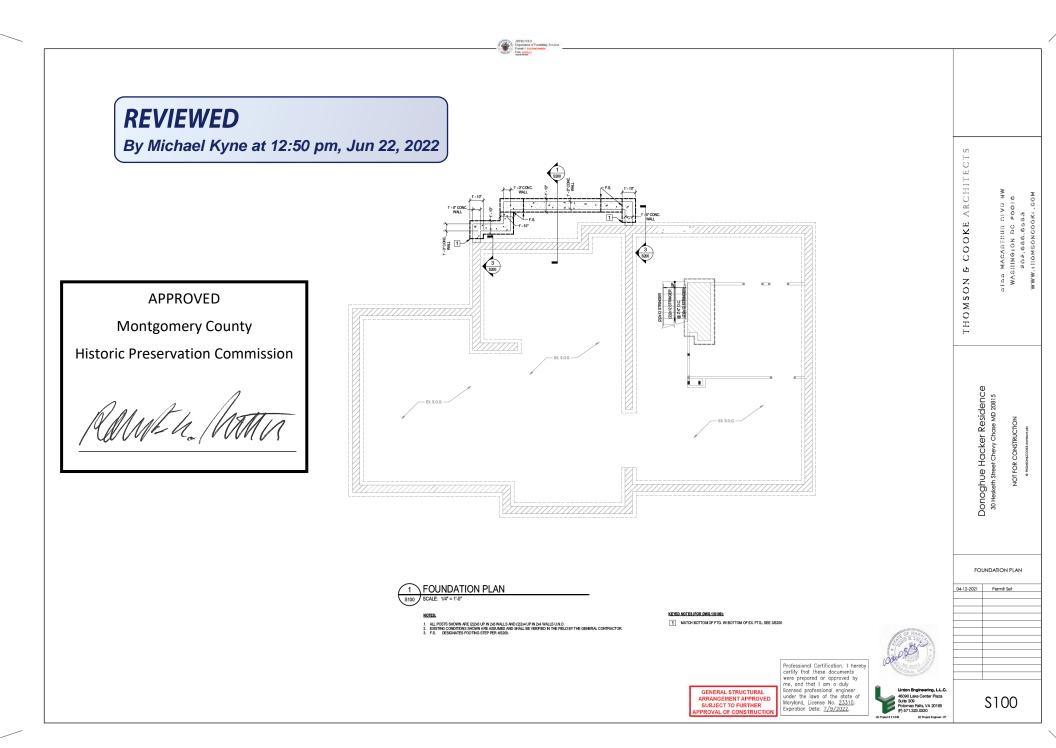
#### IX. EARTHWORK

- ALLOWARE SOL BEARING PRESSURE FOR ALL SHALLOW FOOTINGS IS ASSUMED TO BE 1000 PSF. SHOULD UNSUTABLE MATERIUA, BE ENCOUNTERED, FOOTINGS SHALL BE OVEREXATED AND REFACED WITH LEW ONCRETE, FY= 2000 PSI. BOTTOU OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2-0 BELOW EXTENDIO RANG, MLESS NOTED ON THERWISE.
- EX LENDIN GRAUE, UNLESS NOTED UTHERMISE. B. ALL FALL MATERIA, SHALL BE FREE OF ORGANIC MATERIAL AND SHALL BE SELECTED ON THE BASIS OF LABORATORY COMPACTION TESTS, HAVING A LOUD LIMIT OF LESS THANAU, A PLASTICITY INDECY OF LESS THAN ST PLL, SHALL AND DEV DENISTIC UTHERAGE DE ASTRONOMICS, MODIFE OF DEVICTIONE (THE MADAMM DHY CIRENT OFFICIAL RED FASTICITY OFFICIAL DEVICES AND THE MADAMM.
- C. IF FOOTINGS ARE NOT TO BE POURED THE DAY OF EXCAVATION, FOOTING TRENCHES SHALL BE BACKFILLED WITH LEAN CONCRETE IMMEDIATELY UP EXCAVATION TO PREVENT GROUNDWATER INFILTRATION. RETE IMMEDIATELY UPON
- PRIMITER DRINT THE SHALL CONSIST OF 4-MICH DAMETER CORRUCATED POLYETHVENE TUBING PER ASTM 0-465 WITH A MAXIMUM SZE WIDTH OF 14-INCH. TUBING SHALL BE PLACED WITH SLOTS DOWN USING STRAIGHT SECTIONS AND STANDARD CONNECTIONS.
- POUND LENGTH, LONG LIGHT WEIGHT LUVE LOAD LONG LEG/SIDE VERTICAL LONG LEG/SIDE VERTICAL LOCATE / LOCATION(S) LONGTUDINAL BOVE FINISH FLOOP LL. LLH, LSH LLV, LSV LOC(S.) LONG. LSL LT. AFF ALT ANGLE ANGLE AP. APA APPROX ARCH, ARCHIL CCESS PANEL LOCATE / LOCATIONS) LONGITUDINAL LIAMINATED STRAND LUMBER LIGHT WEIGHT WEIGHT LIGHT WEIGHT CONCRETE APPROXIMATE ARCHITECT, ARCHITECTURAL LT. T.WT LVL B BCE BDE BM BR BTWN BF BFE BO. BO.F., B.O.FTG. BO.SL. BO.SL. BO.SL. BO.SMT BOTTOM BOTTOM CHORD EXTENSION BOTTOM DECK ELEVATION MANUFACTURER MATERIAL MAXIMUM MASONRY CONTROL JOINT MECHANICAL/ELECTRICALF MANUF MATL MAX MCJ MEP MECH M.O. MTL MIL(S) MIN MISC S BEAM BEARING BETWEEN BOND BEAM ECT BOND BEAM BOTTOM FOOTING ELEVATION BOTTOM OF BOTTOM OF FOOTING BOTTOM OF SLAB BOTTOM OF STEEL BOTTOM BASEMENT MECHANICAL/ELECTR MECHANICAL MASONRY OPENING METAL MILLIMETER(S) MINIMUM MISCELLANEOUS CHITI 1 3.1 2.2 MAGATHIUT 11/10 NW WASHINGTON DC 20016 202.666.6563 WWW.110MSONCOOKE.COM NEAR SIDE / NON-SHRINK NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE NORMAL WEIGHT CONCRETE N.S. NIC NO. OR # NOM NTS NWC CANTILEVER CAST IN FLOCE CENTER CENTER CENTER TO CENTER CONTECLIONT COMPLETE LONT FOR THE CONTENT ON THE CENTER COLUMN COLUMN CONCERTE MASONRY UNIT CONCERTE MASONRY UNIT CONCERTE MASONRY UNIT ΛR CANT CIP CTR CLOR CLOR CL CJP CLG CLG CLG CLG CONC CONC CONC CONST CONST CONST CONST CONT CONT  $\mathbf{x}$ OR APPROVED EQUIVALENT ON-CENTER ON-CENTER EACH-WAY OUTSIDE JAMETER OUTSIDE FACE OPENING OPPOSITE OAE. 0 0.C. 0.C. E.W. 0 O.D. O.F. OPNG OPP υ CONCRETE MASUNET CONSTRUCTION CONSTRUCTION JOINT CONSTRUCTION JOINT CONTINUOUS CONTRACTOR PER (KIFT = KIPS PER FOOT) POWER-ACTUATED FASTENER PRECAST PENETRATION PERPENDICULAR ψ / P.A.F. PC PERP PL OR PL PLF PSF PSI PREFAB PRELIM PT NWW. z PENNY (10d NALS) DOUBLE DEGREE DIAMETER DIAGONAL DIMENSION DEND LOAD DITTO DOWELS DOWN DETAL DRAWING d DBL DEG DIA OR Ø DIAG DIM DL DO DWLS DN DTL DWG PERFENDICULAR PLATE POUNDS PER LINEAR FOOT POUNDS PER SQUARE NOH POUNDS PER SQUARE NOH PREFARICATED PREFARICATED PRELIMINARY PRESSURE TREATED 0 - 74 S Σ 0 Ξ QTY QUANTITY REINFORCED CONGRETE REFER TO (REFERENCE) REINFORCE, REINFORCING REQUIREM REQUIREMENT(S) RETURN ROUGH OPENING RC RE: OR REF: REINF REQID REQT(S) RET R.O. EA END / E.E. EA SIDE / E.S. EC E.F. EACH END EACH SIDE EPOXY COATED FACH FACE EACH FACE ELEVATION ELEVATION EMBEDDED ENGINEER /ENGINEERE ENGINEER /ENGINEERE ENGINEER /ENGINEERE EQUIPMENT EACH WAY EACH WAY EASTING EXPANSION SIM SCHED S.F. SLH SLV SMP SP@ SPECS S.S. SPECS S.S. STL STIFF S.W. SYM Similar Schedule SQUAREFOOT SHORT LEG HORIZONTAL SHORT LEG VERTICAL SOLID MASONRY PIER SLAB ON GRADE SDACES Residence 20815 SPACES SPACED AT SPACED AT SPECIFICATIONS STAINLESS STEEL STANDARD EXPANSION ANCHOR EXPANSION BOLT EXPANSION JOINT EXTERIOR Ą CONSTRUCTION STEEL Chevy Chase FABRICATE | FABRICATOF FABRICATE | FABRICATOF FNISHED GRODE FNISHED GRODE FNISHED GRODE FNISHED GRODE FLANCE FLANCE FLANCE FLANCE FLANCE FOOT NG FOOT NG FOUNDATION SHEAR WALL SYMMETRICAL FAB F.D. F.F. F.G. FLG FLR F.O. F.S. FT FTG FDN Donoghue Hacker 30 Hesketh Street Chevy Ch TOP OF TOP AND T T&B TCX TFE TH / THK FOR T.L T.O. T.O.C. T.O.D. / T.DECK T.O.M. T.O.F., T.O.FTG. T.O.S. / T.O.STL T.O.S.L / T.O.SLAB T.O.T. Ň GALVANIZED GALV RANS APPROVED ULTIMATE UNLESS NOTED OTHERWISE VERT VERTICAL VERIFY IN FIELD Montgomery County WITH WITHOUT WIDTH OR WOOD WIDE FLANGE WORK POINT WEIGHT WELDED WIRE FAB DESIGN NOTES Historic Preservation Commission 04-12-2021 Permit Set RAME La MATA I hereby ents ed by Linton Engineering, L.L.C 46090 Lake Center Plaza Suite 309 Potomac Falls, VA 20165 (P) 571.323.0320 S001 Maryland, License No. 23310 F Expiration Date: 7/9/2022 IE Buiers

ABBREVIATION INDEX FOR STRUCTURAL DRAWINGS

LG LT WT, L.W.

# Department Permit # BU Data oscilla

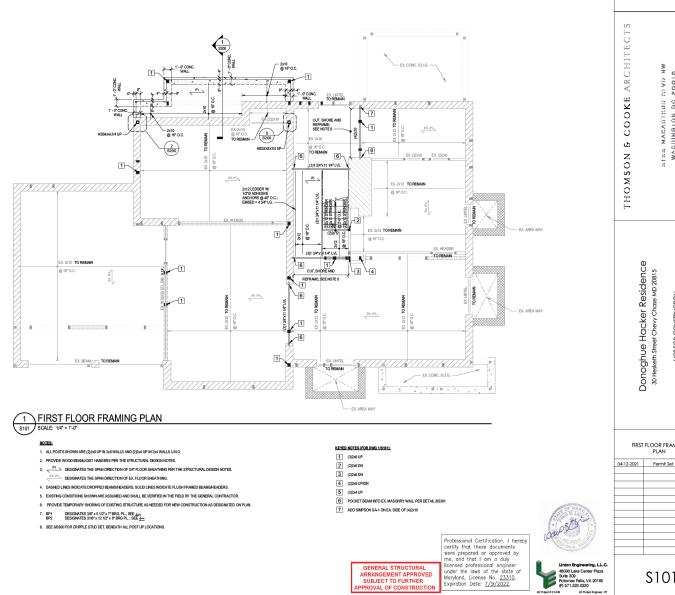


## APPROVED **Montgomery County** APress **Historic Preservation Commission**



# **REVIEWED**

By Michael Kyne at 12:50 pm, Jun 22, 2022



MACARTHUR FLVD NW WASHINGION DC POOLO 202.686.6533 WWW.THOMSONCOOM:,COM

ΝN

Donoghue Hacker Residence 30 Hesketh Street Chevy Chase MD 20815

FIRST FLOOR FRAMING PLAN

S101

NOT FOR CONSTRUCTION

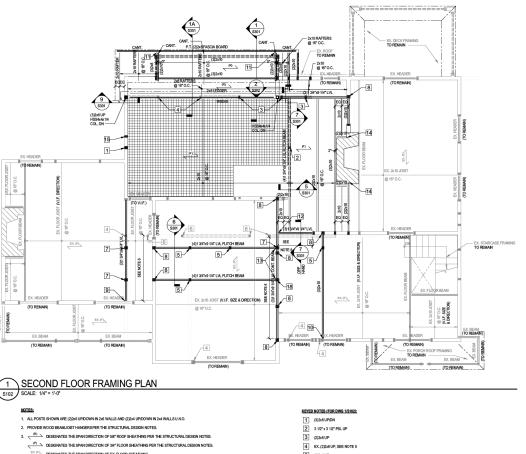
**Montgomery County** 

**Historic Preservation Commission** 

RAMEL. MAR

# REVIEWED

By Michael Kyne at 12:50 pm, Jun 22, 2022



 $\overset{\mathbb{E}\times(\mathbb{P})_{-}}{\smile}$  designates the span direction of eX-floor sheathing.

- 4. DASHED LINES INDICATE DROPPED BEAMSHEADERS, SOLID LINES INDICATE FLUSH FRAMED BEAMSHEADERS
- 5. EXISTING CONDITIONS SHOWN ARE ASSUMED AND SHALL BE VERIFIED IN THE FELD BY THE GENERAL CONTRACTOR
- 6. PROVIDE TEMPORARY SHORING OF EXISTING STRUCTURE AS NEEDED FOR NEW CONSTRUCTION AS DESIGNATED ON PLAN

APresson

7. DESIGNATES AREA OF FLOOR TO RECEIVE TILE/STONE PER ARCH. DRAWINGS.

- 5 (3)2x4 UP
- 6 EX. (2)2x4 UP, SEE NOTE 5
- 7 (3)2x6 UP 8 (3)2x6 DN
- (3)2/6 UN
   (3)2/6 UN
- 10 SIMPSON HUTF210-3 TOP FLANGE HANGER
- 11 SIMPSON LUS210-3
- 12 SIMPSON GLTV5.509.25 TOP FLANGE HANGER
- 13 SIMPSON HW TOP FLANGE HANGER (W = 7 1/2\*, D = 9 1/4\*)

GENERAL STRUCTURAL ARRANGEMENT APPROVED

SUBJECT TO FURTHER PPROVAL OF CONSTRUCTIO

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. 23310. Expiration Date: <u>7/9/2022</u>.

- 14 POCKET BEAM INTO EX. MASONRY WALL PER DETAIL #530
- 15 (2)2x4 UPION 16 (3)2x4 DN
- 10 (3)244 DN

alaa MACAñTHUñ Filvi WW WASHINGION DG POOIG 201666.6033 WWW.HIOMSONCOOKI,COM

ARCHITECT

COOKE

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THOMSON

Donoghue Hacker Residence 30 Heskeh Street Chevy Chase MD 2081 5 NOT FOR CONSTRUCTION

SECOND FLOOR FRAMING PLAN

S102

04-12-2021 Permit Set

Linton Engineering, L.L.C. 48090 Lake Center Piaza Suite 309 Potomac Falis, VA 20165 (P) 571.323.0320

LE Project

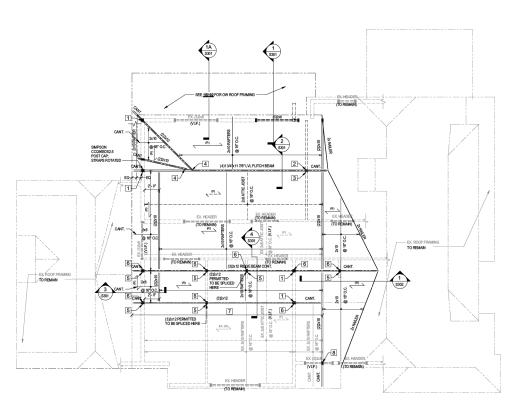
**Montgomery County** 

Historic Preservation Commission

Rame h. Motto

# **REVIEWED**

By Michael Kyne at 12:50 pm, Jun 22, 2022

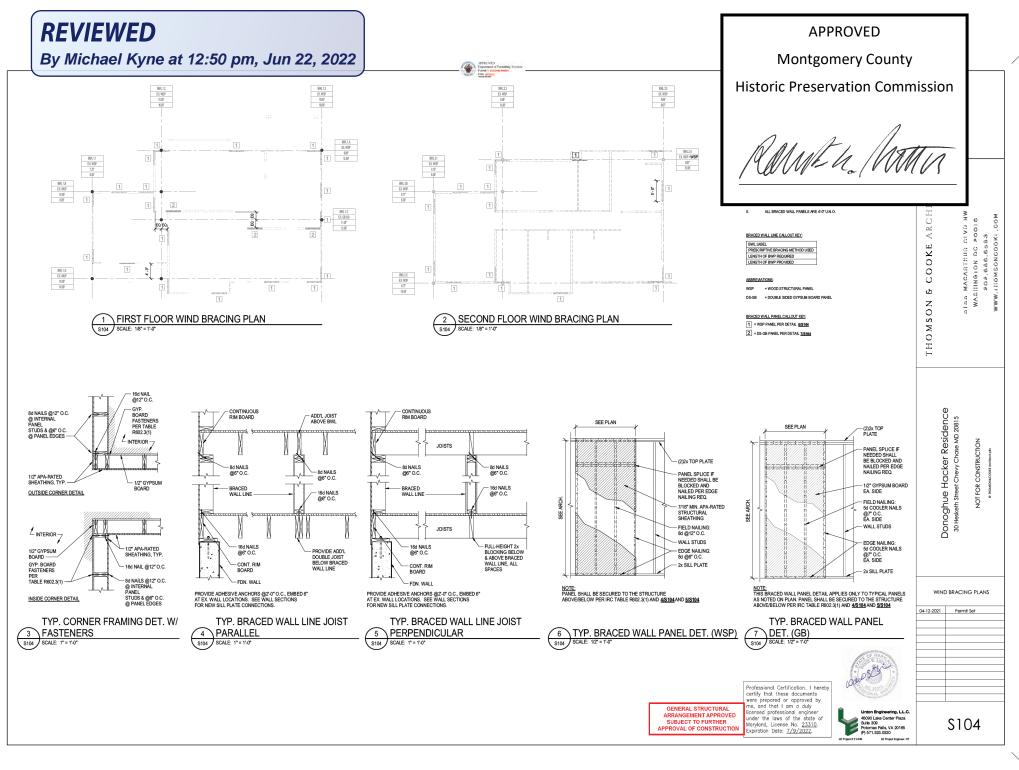


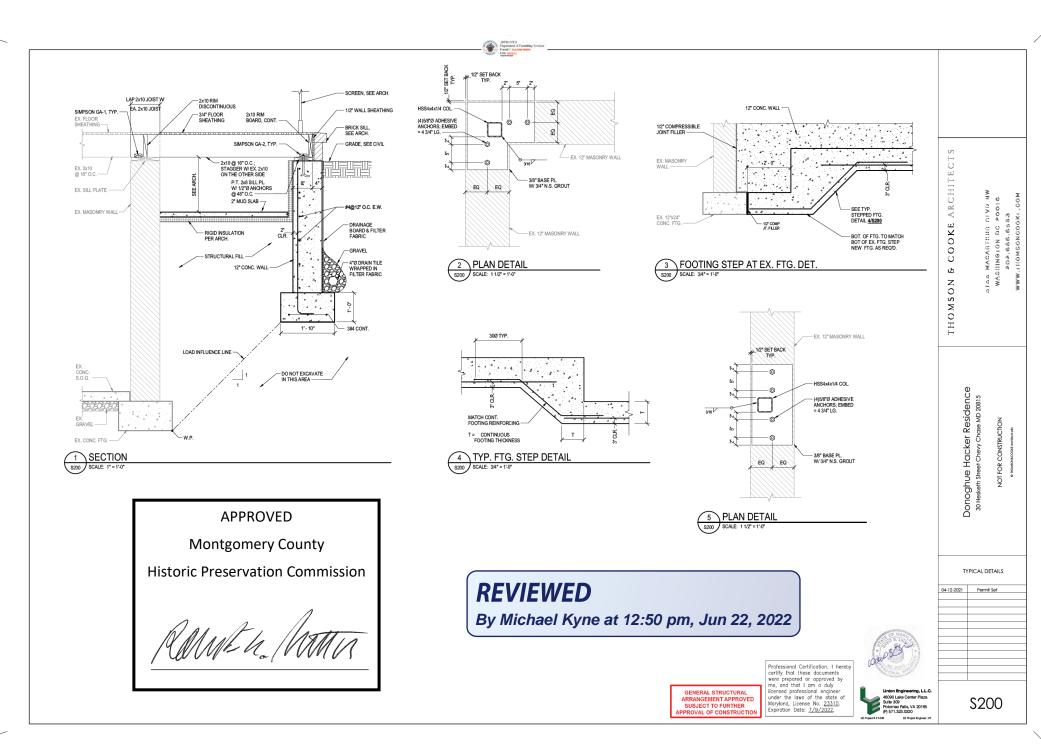
APPROVE. Department Permit # 80 Data encode

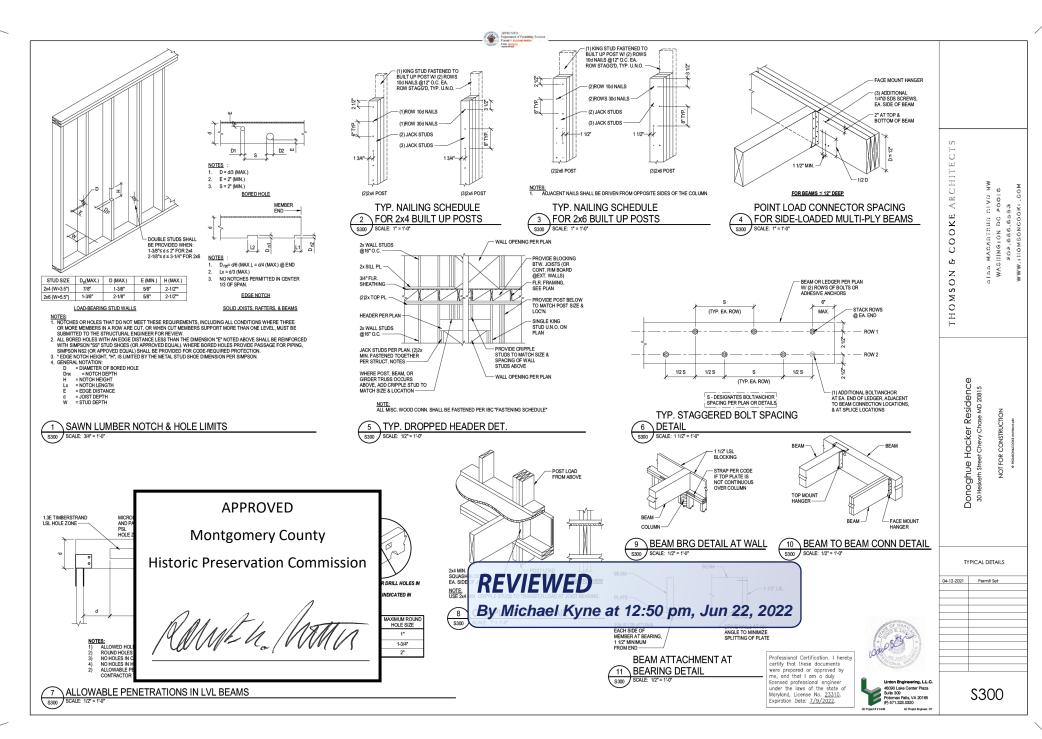
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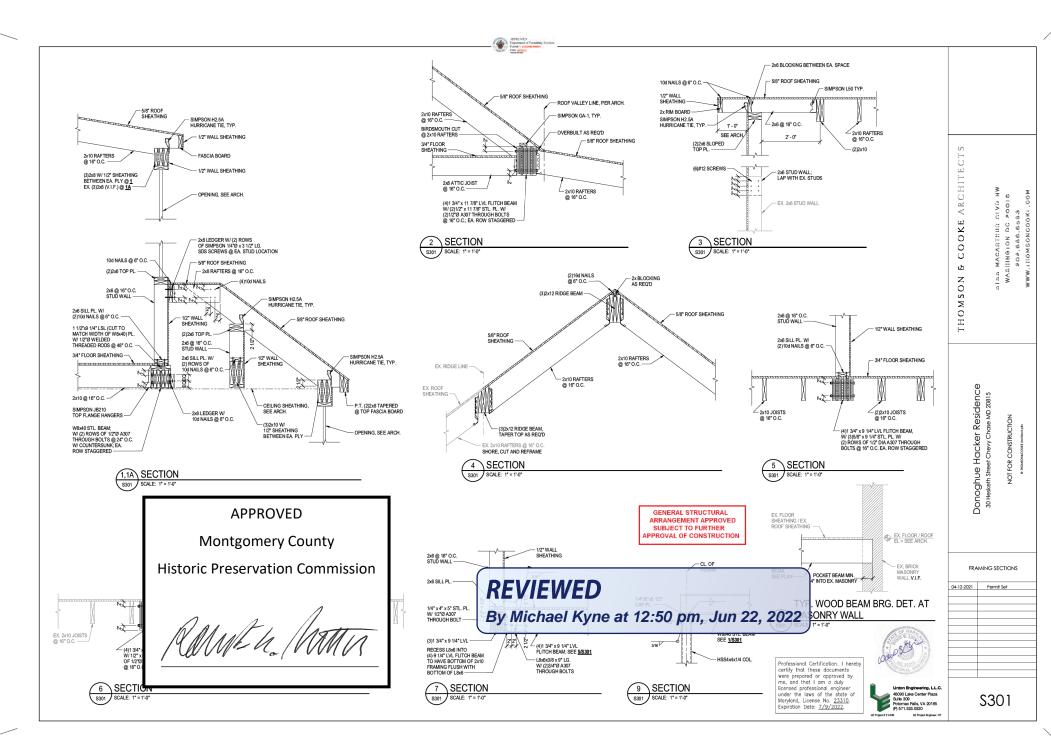
1 ROOF FRAMING PLAN State: 14" = 1*0"					ROO	F FRAMING PLAN
NOTES:		ED NOTES (FOR DWG 1/S103);			L	
1. ALL POSTS SHOWN ARE (22x6 DOWN IN 2x6 WALLS AND (22x4 DOWN IN 2x4 WALLS UN IO. 2. PROVIDE WOOD BEAMRAFTER HANGERS PER THE STRUCTURAL DESIGN NOTES.	1	(3)2x6 DN 3 1/2" x 3 1/2" PSL DN			04-12-2021	Permit Set
3. C DESIGNATES THE SPIN DIRECTION OF 5/8" ROOF SHEATHING PER THE STRUCTURAL DESIGN NOTES.	3	SIMPSON CC94 POST CAP				
$\sim \frac{e^{\mu_L}}{2}$ designates the spin direction of Suf Ploor Sheathing per the structural design notes.	4	SMPSON HU210-2 SLOPED + SKEWED FACE MOUNT HANGERS				
	5	(3)2x4 DN	GENERAL STRUCTURAL ARRANGEMENT APPROVED	Mutuminian		
4. DASHED LINES INDICATE DROPPED BEAMSHEADERS, SOLID LINES INDICATE FLUSH FRAMED BEAMSHEADERS.	6	SMPSON COQ4.62-4.62 SDS POST CAP; STRAPS ROTATED	SUBJECT TO FURTHER APPROVAL OF CONSTRUCTION	E DI CE DI		
5. EXISTING CONDITIONS SHOWN ARE ASSUMED AND SHALL BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR.	7	SHORE EX. RAFTERS TO REMAIN, REMOVE EX. RIDGE BEAM & RESUPPORT	APPROVAL OF CONSTRUCTION	* 5		
6. PROVIDE TEMPORARY SHORING OF EXISTING STRUCTURE AS NEEDED FOR NEW CONSTRUCTION AS DESIGNATED ON PLAN.		EX. RAFTERS ON NEW RIDGE BEAM; SEE PLAN NOTE 6	Professional Certification. I hereby	loour ser s		
	8	(2)2x6 STUB POST W/ SIMPSON PC4Z POST CAP	certify that these documents	ONAL ENGLISH		
			were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Marykana, License No. <u>23310</u> . Expiration Date: <u>7/9/2022</u> .	Unton Engineering, L.L.C. 40090 Lake Center Plaza Sufa 309 Petomac Palik, VA 20165 (P) 571.323.0320		S103

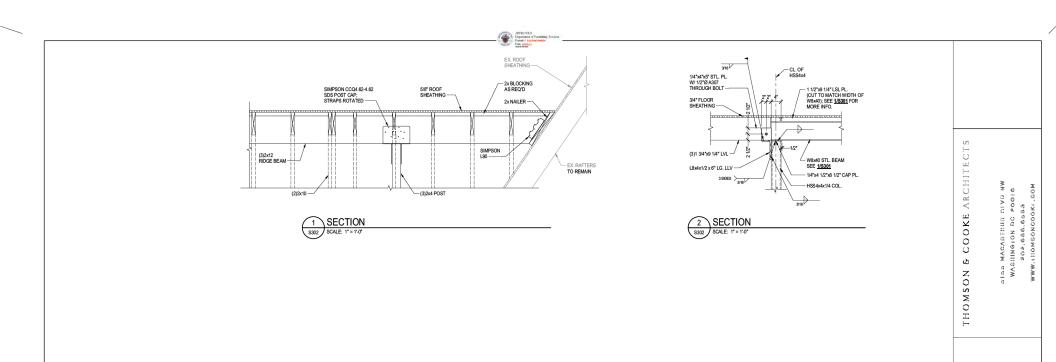
LE Project Engine











**Montgomery County** 

**Historic Preservation Commission** 

RAMEL. MAR

**REVIEWED** 

By Michael Kyne at 12:50 pm, Jun 22, 2022



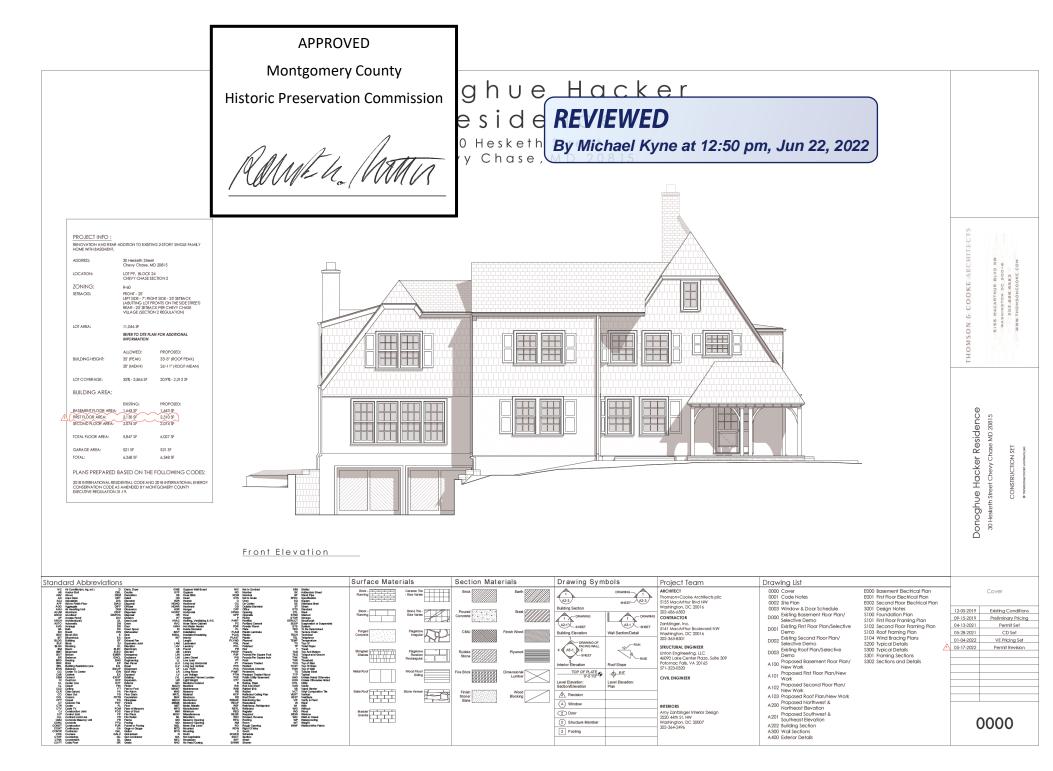
68

Donoghue Hacker Residence 30 Hesteth Street Chevy Chase MD 20815

SECTIONS AND DETAILS

S302

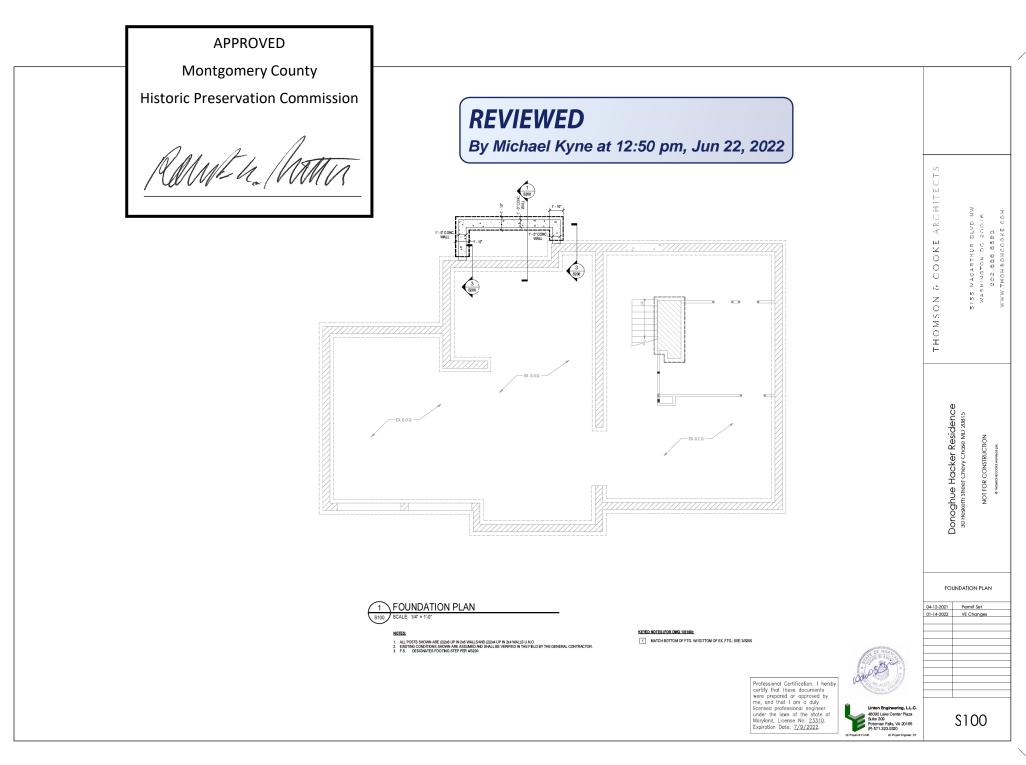
NOT FOR CONSTRUCTION

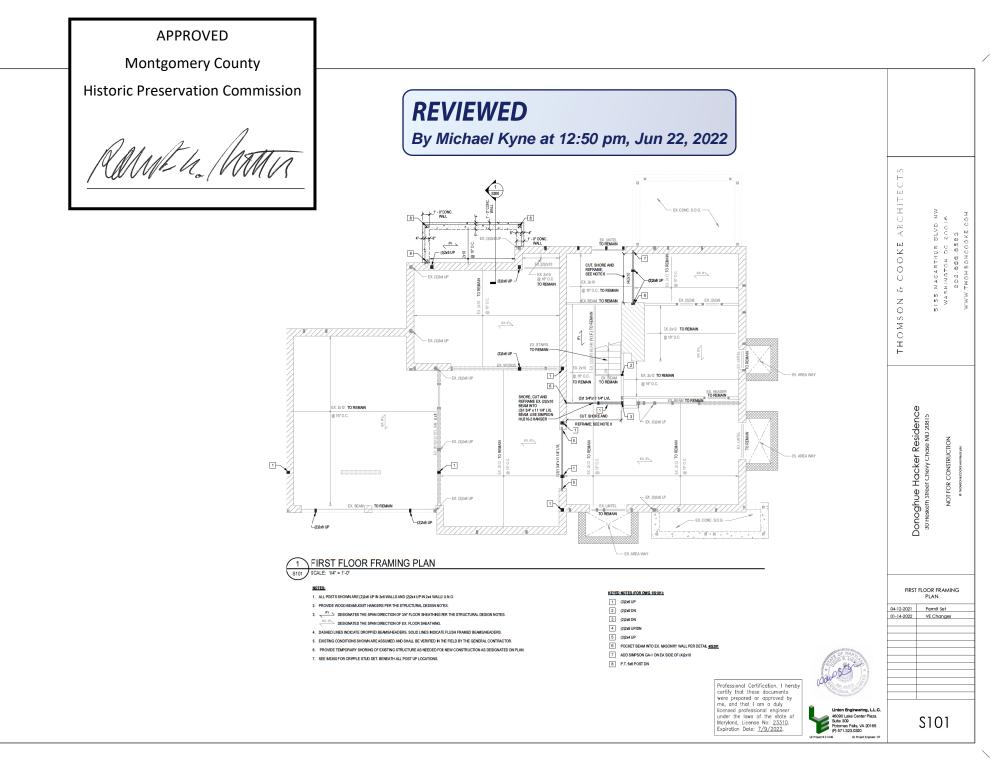


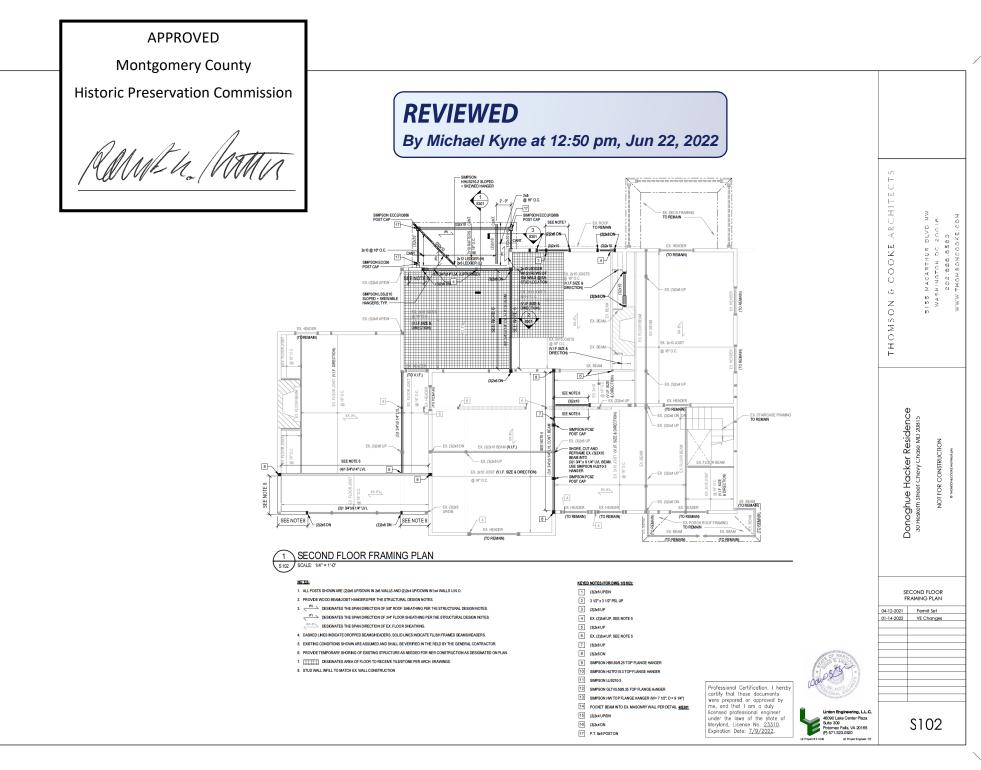


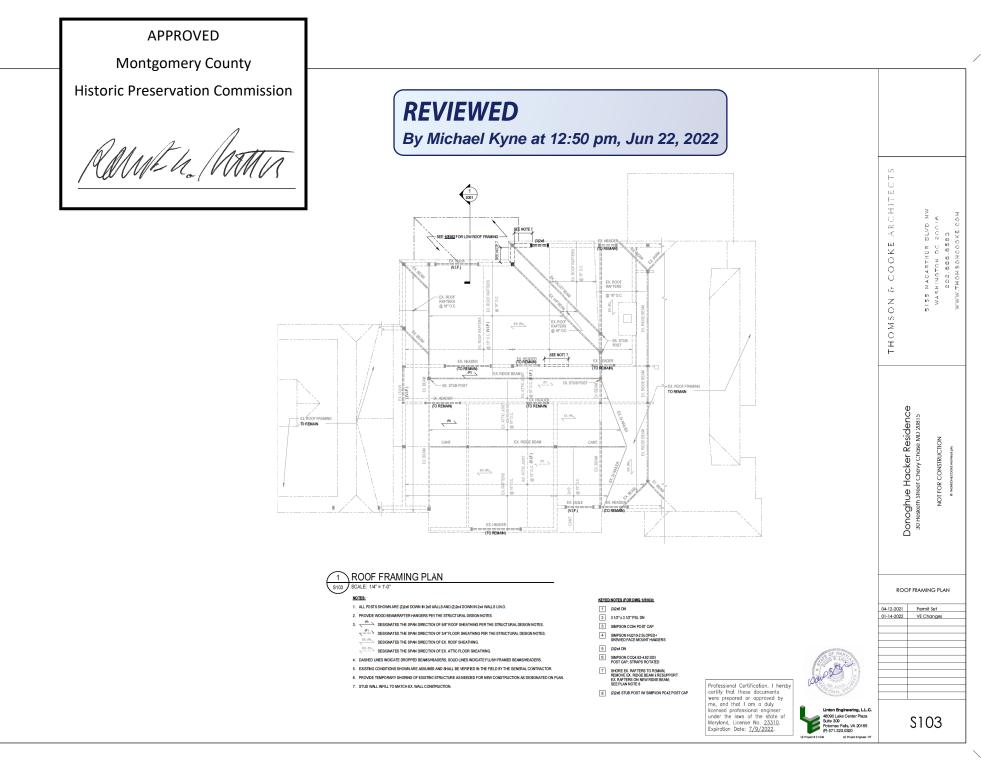
Interfer Door Schedule         Type         Leaf Thickness         Ules         Operation         Hardware           10         0.7         220-46         No Preset         3/4         Postal            10         1.8         50-48         Coaled Opening         3/4         Postal            10         1.8         50-48         Coaled Opening         3/4             10         1.8         50-48         Coaled Opening         3/4              101         1.8         50-48         Coaled Opening         3/4	APPROVED Montgomery County Historic Preservation Commission	REVIEWED By Michael Kyne at 12:50 pm, Jun 2	22, 2022
Exterior Door Schedule           D0         Q1         Type         Monufoc/urer         Model/Size         Lifes         Torsion         Location           D01         1         Rench         Loewin         2-67-4         See Bendon         Hidght         Lifes         Hodght         Renceh         French         Frenc	d d d d d d d d d d weights No1e No1e No1e	3 Window Panel Detail 1//2" 1-0"	Donoghue Hacker Residence 30 Hesteth Street Chevy Chase MD 20815 CONSTRUCTION SET a manageour versing se
Image: State of the state	Typ. Window - Int.	BIN SEE	Window & Door Schedule           245:2019         Etting.Conditions Pretringer Molog           413:2021         Permit Set           58:2021         CD Set           10:40222         Verhing Set           517:2022         Permit Revision

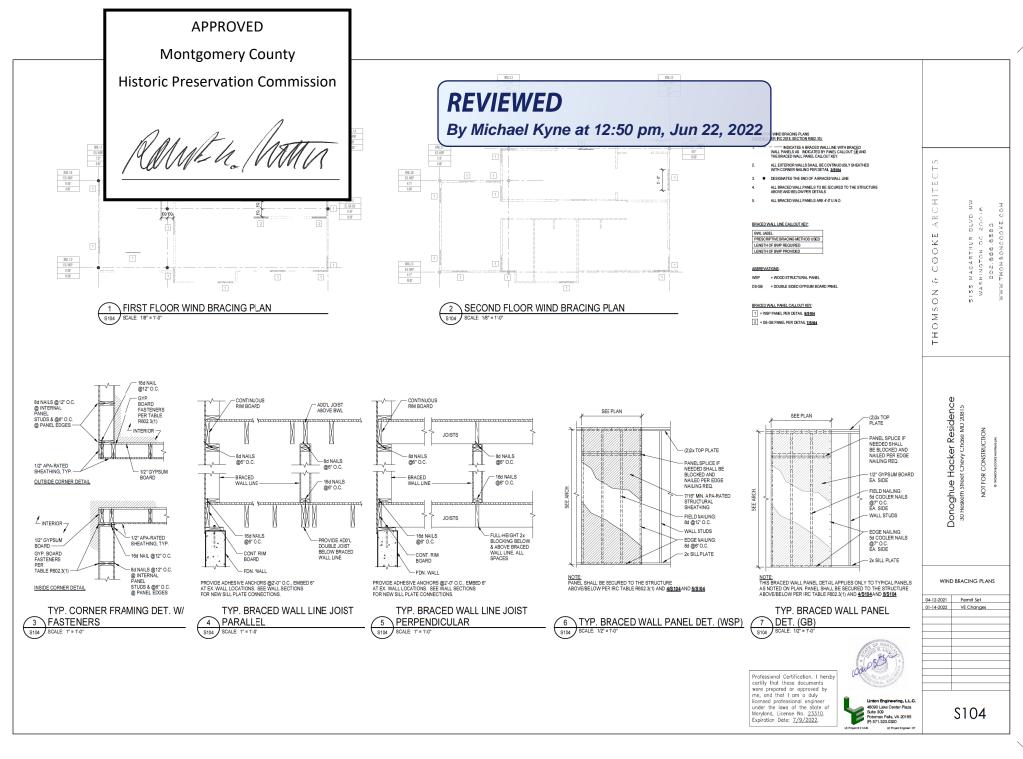
DESIGN NOTES			ABBREVIATION INDEX FOR STRUCTLRAL DRAWINGS	
L DESIGN LIVE LOADS FOR NEW WORK	<ol> <li>PARALLEL STRAND IJMBER (P.S.L.) SHALL BE INSTALLED AND FASTENED PER THE MANUFACTURER'S RECOMMENDATIONS. MINIMUM MEMBER PROPERTIES SIGLL</li> </ol>	IV. STRUCTURAL STEEL	AB. ANCHOR BOLT LB POUND ADDYL ADDNL ADDITIONAL LG LENGTH LONG	
<ul> <li>ROOF LIVE LOAD</li> <li>Pg = 30 PSF, MIN ROOF DESIGN .OAD = 30 PSF</li> </ul>	BE AS FOLLOWS FOR P.S.L. POSTS:	A ALL STRUCTURAL STEEL SHALL BE ASTM FABRICATED AND ERECTED IN ACCORDANCE WITH AISC STEEL CONSTRUCTION MANUAL' WITH A MINIMUM YIELD STIELEMENT AS FOLLOWS:	A 407L LODIG LADITIONAL LE GENERAL LONG AUX ADALECTRY LIVE AND ADALECTRY LIVE AND ADALECTRY AT ADALECTRY LIVE AND ADALECTRY LIVE AND ADALECTRY AT ADALECTRY LIVE ADALECTRY LIVE ADALECTRY LIVE ADALECTRY AND ADALECTRY LIVE ADALECTRY LIVE ADALECTRY LIVE ADALECTRY AND ADALECTRY LIVE ADALECTRY LIVE ADALECTRY LIVE ADALECTRY AND ADALECTRY LIVE ADALECTRY LIVE ADALECTRY LIVE ADALECTRY ADALECTRY LIVE ADALECTRY LIVE ADALECTRY LIVE ADALECTRY LIVE ADALECTRY ADALECTRY LIVE ADALECTRY LIVE ADALECTRY LIVE ADALECTRY LIVE ADALECTRY ADALECTRY LIVE ADALECTRY LIVE ADA	
<ol> <li>PF=21 PSF + DRIFTING</li> <li>FLOOR LVE LOADS</li> </ol>	FLEXURE: Fb = 2400 PSI     COMPRESSION: Fc = 2500 PSI	<ol> <li>W SHAPES: Fy = 50 ksi, PER ASTM A 992.</li> </ol>	#FT         ABOYE FRAHER LOCR         LLL USH         LUFE LOCE         LUFE LUFE LOCE         LUFE LUFE LUFE LUFE	
1. BEDROOMS = 30 PSF	COMPRESSION: Fc = 2500 PSI     MOCULUSOF ELASTICITY: E = 1,800,000 PSI	<ol> <li>PLATES: Fy = 36 ksi PER ASTM A36.</li> <li>HSS SHAPES (SQUARE; Fy = 50 ksi PER ASTM A-500 GRADE C.</li> </ol>	A.P. ACCESSPANEL LCC(S) LOCATE / LCCATON(S) APA AMERICAN PLYWOOD ASSOCIATION LONG. LONGITUDINAL APPROX APPROXIMATE LSL LAMINATE STRAND LUMBER	
2. DWELLING AREAS = 40 PSF C. WIND LOAD	CONTRACTOR SHALL PROVIDE MANUFACTURER'S PRODUCT SHEETS FOR	<ol> <li>In Solimine to Solume to Solime technologies in Andro Bender, C.</li> <li>ANCHOR RODS: Fly = 36 kal; PER ASTM AR50 BRADE 38.</li> <li>BOLTS: File 26 kal; PER ASTM A07, U.N.O.</li> </ol>	AT     LT. WT. LIGHT WEIGHT	
<ul> <li>C. WIND LOAD         <ol> <li>V<sub>ULT</sub> (3-second gust) = 115 MPH</li> <li>Vervioe (10-YR, MRI) = 75 MPH</li> </ol> </li> </ul>	APPROVAL FOR ALL PSL POSTS AND BEAMS J. PROVIDE MIN. 3' BEARING FOR ALL LAMINATED VENEER AND STANDARD LUMBER	B WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE "STRUCTURAL	LVL LAMINATED VENEER LUMBER	
2. Vservice (10-YR, MRI) = 75 MPH 3. EXPOSURE = 8	BEAMS, NO JOIST OF BEAM BEARING SHALL OCCUR ON MASONRY VENEER VALLS.	WELDING CODE" AINS 01.1-2015. USE 70 KSI, LOW-HYDROGEN ELECTRODES. C. NO OPENINGS IN BEAMS OR COLUMINS ARE PERMITTED WITHOUT PRIOR	BCE BOTTOM CHORD EXTENSION BDE BOTTOM DECK ELEVATION MANUF MANUFACTURER BM BEAM MAT MATERIAL	
D. SEISNICLOAD	K. ALL WALL SHEATHING SHALL BE CONTINUOUS BETWEEN TO? PLATES AND BOTTOM PLATE OF VAIL ABOVE. ALL PLYWOOD PANELS EDGES SHALL BE CONTINUOUSLY BLCXED AND NALED.	APPROVAL.	BM BEAM MATL MATERIAL BRG BEANING MAX MAXIMUM BTWN BETWEEN MCJ MASONRY CONTROL JOINT	
LATERAL FORCE SYSTEM: BRACED WOOD PANELS     SEISMIC USE GROUP = I	L. ALL MULTIPLE MEMEERS ARE TO BE FASTENED TOGETHER WITH THE FOLLOWING	D. SPLICING OF STRUCTURAL STEEL MEMBERS WHERE NOT DETAILED ON THE CONTRACT DOCUMENTS IS PROHIBITED WITHOUT PRICK APPROVAL AS TO LOCATION TYPES OF BRICK APP CONSUMENT OF BLANCE	BTWN BETWEEN MCJ MASONRY CONTROL JOINT B.B. BOND BEAM MEP MECHANICAULECTRICAL/PLUMBING BF BOTTOM FOOTINS ELEVATION MECH MECHANICAL	О ш
3. SITE CLASS = 0 4. NO DESIGN REQUIRED PER IRCR301.2.2	NAILS AND SIMPSONSDS (STRONG-DRIVE SCREWS), USING "HE FASTENER-TO-FASTENER SPACING NOTED WITHIN EACH ROW OF FASTENERS, ALL FASTENERS SHALL BE IN THE QUANTITY OF ROWS SPECIFIED, IN A	LOCATION, TYPE OF SPLICE AND CONNECTION TO BE NADE. E. ALL MISCELLANEOUS STEEL CONNECTIONS SHALL BE VELDED ALL AROUND WITH	BFE BOTTOM OF FOOTING ELEVATION MECH MECHMARCAL B.O. BOTTOM OF FOOTING M. M.O. MISONRY OPENING B.O.F., B.O.FTG. BOTTOM OF FOOTING MIL METAL	jada d ferrar
E. CODE: THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH: 2013 IRC	STAGGERED PATTERN:	ON-CUARTERNAL OUR FULLET WELD UNLESS OTHERWISE NOTED, EXCEPT FOR SLOTTED CONNECTIONS.	BPG         BEXAMPLG         MAX         MAXMAM           BTWN         BETWEEN         MC         MAXMAM           BTWN         BETWEEN         MC         MAXMAM           BE         ROAD REPORTED EXACTOR         MC         MCONNECTORTICLIONT           BC         BOTOLOFE         MC         MCONNECTORTICLIONT           BC         BOTOLOFE         MCONNECTORTICLIONT         MCONNECTORTICLIONT           BC         BOTOLOFE         MSC         MCONNECTORTICLIONT           BC         BOTOLOFE         MSC         MCONNECTORTICLIONT	π ≥ 5
F. ASSUMED SOIL PARAMETERS 1. P AT REST = 80H	PLIES         DEP1H         FASTENERS         SPACING         ROWS           (2)1-1/2"         6'-12         10d NAILS         12' O.C.         2	F. PROVIDE A MINIMUM BEARING LENGTH OF 6' FOR ALL BEAMS SUPPORTED ON MASOKRY.	BSMT BASEMENT N.S. NEAR SIDE / MON-SHRINK	⊖ <sup>∞</sup> c ô
<ol><li>P ACTIVE = 45H</li></ol>	(3)1-1/2" 6"-12' 16d NAILS 16" O.C. 2*	G. ALL WORK SHALL COMPLY WITH THE AISC CODE "CODE OF STANDARD PRACTICE		A R.
3. P PASSIVE = 300H G. DEAD LOADS	(4)1-1/2" 6"-12" SDS141%6" 12" O.C. 2* (2)1-344" 9"-12" 121 NAILS 16" O.C. 2	FOR STEEL BUILDINGS AND BRIDGES'.	OAT         CANTLEVER         NIC         NOT IN CONTINUET           OP         CAST IR ALCE         NO ONE         MORES           OP         CAST IR ALCE         NO ONE         NO ONE           OP         CAST IR ALCE         NO ONE         NO ONE           OP         CAST IR ALCENTRE         NO         NO ONE           CAST IR ALCENTRE         NO         NO ALCENTRE         NO ALCENTRE           CAST IR ALCENTRE         ONE         CAST IR ALCENTRE         NO ALCENTRE           CAST IR ALCENTRE         ONE         ONE         ONE         ONE           CAST IR	<u>с « « ×</u>
<ol> <li>ROOF = 15 PSF</li> </ol>	(3)1-3/4" 9"-12' SDS1/4"x4-1/2" 12" O.C. 2"	V. POST INSTALLED ANCHORS	CC CENTER NVC NORMAL WEIGHT CONCRETE C.J. CONTROL JONT	COOKE (ARTHUR I VATON DC 22.656.655
2. TYPICAL FLOORS = 12 PSF 3. TILEISTONE FLOORS = 20 PSF	(4)1-344" 9'-12' SDS1/4'x8" 12' 0.C. 2"	<ul> <li>EXCEPT INTERE INDICATED ON THE DRAWINGS, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING MAXIMUM PRESS AS PROVIDED BY HULL INC, OR AN ECUMUNENT AS APPROVED BY THE STRUCTURE, RESINTER.</li> </ul>	C.P CONTINUE JOINT PENETRATION O.A.E. OR APPROVED EQUIVALENT C.G CELING C.C. ON-CENTER C.R C.LEAR O.C. EW. ON-CENTER EXCH-WAY	O HE 200
	<ul> <li>ALL TRIPLEAND QUADRUPLE-PLY MEMBERS SHALL BE FASTENED 'ROM BOTH SIDES WITH THE NUMBER OF ROWS AND FASTENERS SPECIFIED.</li> </ul>	CONSIST OF THE FOLLOWING ANAMUM TITLES AS PROVIDED BY THE TILL WAL ON ANY EQUIVALENT AS APPROVED BY THE STRUCTURAL ENGINEER.	CLR CLEAR O.C. EW. ON-CENTER EACH-WAY COL COLUMN O.D. OUTSUE DAMETER CONC CONCRETE O.F. OUTSUE FACE	ART ASO (SO
II. WOOD A. ALL JOISTS, BEAMS AND POSTS SHALL BESPRUCE-PINE-FIR NO 1ND 2 PER	SIDE-TO-SIDE SHOLD SHALL ALSO BE STAGGERED.	<ol> <li>ANCHORAGE TO MASONRY:</li> <li>a. ADHESINE ANCHORS FOR USE IN GROUT FILLED CMU, HOLLOW CMU,</li> </ol>	CONC CONORETE O.F. OUTSIDEFACE CMU CONCRETE MASONRY UNIT OPR OPENING CONN CONNECTION OPP OPPOSITE	
A. ALL JOISTS, BEAMS AND PUSITS SHALL BE STRUCE TIMETING MITCLE FED INATIONAL DESIGN SPECIFICATION FOR VOOD CONSTRUCTION", NEPA. ALL STRUCTURE DESIGN SPECIFICATION FOR VOOD CONSTRUCTION, NEPA. ALL BE STRUCTURE DIME DI STRUCGAME ALL WOOD MERBERS SHALL BE STRUCTURE DIME DI STRUCGAME ALL WOOD MERBERS SHALL BE	POINTS.	BRICK WHOLES AND MULTI-WYTHE BRICK • HILTI HIT-HY 270 ADHESIVE SYSTEM (OR EQUAL) PER ICC ESR-4143	CONN         CONNECTION         OHP         OHPOSITE           CONST         CONSTRUCTION         /         PER (WFT = KIPS PER FOOT)           CONSTRUCTION CONSTRUCTION ON T         /         PER (WFT = KIPS PER FOOT)           CONSTRUCTION         PA.F.         POWER-ACTUATED FASTENER	A WA
A. ALLUGISI, BEAMS AND USISI SHALLES SHOLDER HIN COLOCH PIME-HIN KOUTING ZHEN "NATIONAL DESIGN SPECIFICATION FOR VODD CONSTITUTION, IMPA. ALL STUDS SHALL BE SPRUCE PIME FIR STUDGRADE. ALL WOOD MEMBERS SHALL BE IMAULFACTURED FO COMEY. YMIT PASOF "AMERICAS OF SPRUYOD LUMBER STANDARDS" AND SHALL HAVE 19% MAXIMUM MOISTURE CONTEXT.	N. ALL MISCELLANEOUS WOOD CONNECTIONS SHALL BE FASTENED PER 2018 RC "FASTENING SCHEDI.LE" R602.3(1).	INSTALLED USING THE SAFE SET DRILLING METHOD	CONT CONTROLOGISTICS PARTICIPATION FOR THE CONTROLOGIST CONTROLOGIST CONTROLOGISTICS PARTICIPATION FOR THE CONTROL FOR THE CONTR	10 Z S
MINIMUM MEMBER PROPERTIES SHALL BE AS FOLLOWS:	O. NAILS INDICATED IN THE DRAWINGS, DETAILS, AND NOTES SHALL BE DEFINED AS	b. ADHESINE ANCHORS SHALL CURE A MINIMUM OF 20-HOURS PRIOR TO ANY LOADS BEING APPLIED TO THE ANCHORS.	PEN PENETRATION	× ki a N Ω
<ol> <li>WOOD LINTELS, JOISTS AND BERMS         <ul> <li>FLEXURE: Fb = 875 PSI</li> </ul> </li> </ol>	FOLLOWS: 84-0,131:2.5", 10d-0,148 %3", 163-0,162%3.5", 30d-0,20744.5". SUBSTITUTIONS FOR THESE NAIL SIZES SHALL BE SUBMITTED IN WRITING FOR APPROVAL.	VI. GENERAL	CONTR         CONTRACTOR         PC         PRECAST           d         PERMY (SM NLB)         PREMY (SM NLB)         PREMY (SM NLB)           d         DOUGLE         PREMY (SM NLB)         PREMY (SM NLB)           d         DOUGLE         PREMY (SM NLB)         PREMY (SM NLB)           GEO, DOUGLE         PREMY (SM NLB)         PREMY (SM NLB)         PREMY (SM NLB)           DOUGLE         PREMY (SM NLB)         PREMY (SM NLB)         PREMY (SM NLB)           DOUGLE         PREMY (SM NLB)         PREMY (SM NLB)         PREMY (SM NLB)           DL         DOUGLES         PREMY (SM NLB)         PREMY (SM NLB)           DVM         DOVINS         OTY         QUANTITY           DVM         DVM DOWINS         RC         REVERSED           DVM         DVM DOWINS         RC         REVERSED	s so
b) SHEAR: Fv = 135 PSI	P. DOUBLE JOISTS SHALL BE LOCATED BENEATH ALL PARTITIONS WHEN THE LENGTH		DIA OR Ø DIAMETER PSF POUNDS FER SQUARE NOH DIAG DIAGONAL PSI POUNDS PER SQUARE NOH PAULENDU PREFAR PREFARRAGIED	×
<ul> <li>c) MODULUS OF ELASTICITY = 1,400,000 PSI</li> <li>2. WALL STUDS: STUD GRADE</li> </ul>	OF THE PARTITION EXCEEDS ONE HALF THE SPAN. Q. JOIST HANGERS SHILL BE SIZED ACCORDING TO THE FOLLOWING SCHEDULE (U.N.O.):	A THE CURFINGLION SHALL DESCRICE AND PHOTOES ALLEDSING FELD. DIBERCISCOSE ELEVITORIS MA CONTROL DESCRICE FORCE TO CONSTRUCTION AND LES SUBJECTS OF SHOP DEMONSION AND SHALL NOTIFY THE AR-SHOTE IMBELOTES LET AND TO CONSCIPANCES. LES REFORMED A RECTIFICATION SHALL PROCEED FINICIA TO LIVOS AND SHALL NOTIFY RECESSION CONSCIPANCES DE RECTIFICATION AND RECESSION CONSCIPANCES DE RECTIFICATION CONSCIPANCES DINAL ANY RECESSION CONSCIPANCES DE RECTIFICATION CONSCIPANCES DINAL ANY	DIM DIMENSION PREFAB PPEFABRCATED D.L. DEADLOAD PRELIM PRELIMINARY DO DITTO PT PRESSURE TREATED	0
a) FLEXURE: Fb = 675 PSI     b) COMPRESSION PARALLE: Fc = 725 PSI	Q. JUST HWIGHS STILL BE BLED MUCHANNE TO THE FOLLET THE BUSINESS (U.N.O.):	THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES. VERIFICATION AND NOTIFICATION SHALL PROCEED FRIOR TO THE START OF WORK SO THAT ANY	DU DITTO PT PRESSURE INEATED DVLS DOWELS DN DOWN QTY QUANTITY DTL DETAL	I
<li>MODULUS OF ELASTICITY = 1,200,000 PSI</li>	SUPPORTED HANGER	Schebole.	DTL DETAL DWG DRAWING RC REINFORCED CONCRETE	F
B. ALL FRAMING EXPOSED TO WEATHER IN ACCORDANCE WITH IRC SECTION 2304.12 & TREATED IN ACCORDANCE WITH AWPA J1. THESE MEMBERS SHALL BE	MEMBER	B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY	RE: OR REF: REFER TO (REFERENCE) EA END / E.E. EACH END REINF REINFORCE. REINFORCING	
PRESSURE TREATED SOUTHERN PINE NO2 PER THE 'NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION," NDS. ALL WOOD MEMBERS SHALL BE	2x8 LUS26	BRACING AND SHORING, AS RECORED, TO ENSURE VERTICAL AND LATERAL STABILITY OF THE ENTIRE STRUCTURE OR PORTION THEREOF DURING CONSTRUCTION.	EA SIDE / ES. EACH SIDE REOD REQUIRED EC EPOXY COATED REGITS) REGUTENDITIS) EF. EACH FACE RET RETURN	
MANUFACTURED TO COMPLY WITH PS20 OF THE 'AMERICAN SOFTWOOD LUMBER STANDARDS.' MINIMUM PROPERTIES SHALL BE IN ACCORDANCE WITH TABLE 4B IN	2x10 LUS28 2x10-SLOPED LRU210	C. ALL WALLS ARE DESIGNED AS LATERALLY BRACED BY THE FLOOR AND RCOF SYSTEMS. CONTRACTOR SHALL ENSURE THAT WALLSARE ADEQUATELY BRACED		
THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION." PRESSURE TREATED WOOD MEMBERS "PT", SHALL BE PROVIDED WHEN:	2x10- SLOPED + SKEWED HU210 (2)2x10 LUS210-2	DURING CONSTRUCTION.		
<ol> <li>WOOD JOISTS OR THE BOTTOM OF A WOOD STRUCTURAL FLOOR IS CLOSER THAN 18-INCHES TO GRADE OR WHEN A WOOD GIRDER/BEAM IS</li> </ol>	(2)2x10- SLOPED LSSR210-2	D. TEMPORARY BRACING SHALL BE PROVIDED FOR ALL WALLS SUBJECT TO UNBALANCED BACKFILL BRACE INAL PLANE UNTIL STABLIZING ELEMENT ABOVE ISI IN PLACE.	EOR         ENGINER OF RECORD         SOLVED         SOLIPULE           E.O.S.         EDGE OF SLAD         S.F.         SQUARE FOOT           EO         EOULLY SALE         S.V.         SKORT LES MORZONTAL           EO         EOULLY SALE         S.V.         SHORT LES MORZONTAL	
CLOSER THAN 12-INCHES TO GRADE IN EXPOSED CRAWL SPACES OR UNEXCAVATED AREAS LOCATED WITHIN THE PERPHERY OF THE	(3)2x10 LUS210-3 2x12 LUS212	IS IN LCC. E. THE DEVELOPMENT AND INPLEMENTATION OF JOB SITE SAFETY AND	EO         EOUML         SUM         SHOTT LIGH HOMODYRAL           EO SP         EGUALUS SPACED         SLV         SHOTT LIGH HOMODYRAL           EV         EGUALUS SPACED         SLV         SHOTT LIGH HOMODYRAL           EV         EGUALUS SPACED         SLV         SHOTT LIGH HOMODYRAL           EV         EGUALUS SPACED         SLV         SLV           EV         EGUALUS SPACED         SLV         SLV           EV         EGUALUS SPACED         SPACED         SLV           EV         EGUALUS SPACED         SPACED         SPACED	e e
BUILDING. (AWPA USE CATEGORY: UC3B)	(2)2x12 LUS212-2 (2)2x12 STEMOTE LSC	E. THE DEVELOPMENT AND IMPLEMENTATION OF JOB SITS SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.	BOUP         EQUIPMENT         SUP         SQLD MAX/SWP (PR)           EV.         EAAH WAY         SOG         SAAD (ON GRADE           DV         EXTMINE         SP         SPACES           DV         EXTMINE         SP         SPACES           DV         EXTMINE         SP         SPACES           DV         EXTMINE         SP         SPACES           DV         EXTMINES         SP         SPACES           DV         EXTMINES         SP         SPACES           DV         EXTMINES         SP         SPACES           DV         EXTMINES         SPACES         SPECIFICATIONS           DV         EXTMINES         SPACES         SPECIFICATIONS           DV         STALESS STEEL         EXPANDED         STALESS STEEL           DV         STALESS         EXPLICITIONS         STALESS STEEL	Če i se
2. WOOD FRAMING MEMBERS REST ON A CONCRETE OR MASONRY	(2)2×12 STRNGER LSC (3)9 1/4" LVL HGLTV6		DK DESTING DP SPACES - DD ALL DD ALL DD ALL DD ALL	
<ol> <li>WOOD FRANING IMEMBERS BEST ON A CONCRETE OR MASONRY EXTERIOR FOUNDATION WALL AND ARE LESS THAN BIACHES ABOVE THE EXPOSED EXTERIOR GRADE, (AWPA USE CATEGORY: UC4A)</li> </ol>			INVR         EXAMPLE / REVGREEED         SM         SMMUR           EVR         EVR         EVR         EVR         EVR         EVR           EVR         EVR         AVR         SVR         EVR         EVR           EVR         EVR         AVR         SVR         EVR         EVR           EVR         EVR         SVR         SVR         EVR         EVR           EVR         EVR         SVR         SVR         EVR         EVR           EVR         EVR         SVR         SVR         SVR         EVR           EVR         EVR         EVR         SVR         SVR         EVR         EVR           DP         EVR         EVR         SVR         SVR         EVR	Residence nase MJ 20815 CTION
3. WOOD SIDING, SHEATHING AND WALL FRAMING IN THE EXTERIOR OF A	SOME HANGERS MAY REQUIRE 18d NAILS - REFER TO THE SIAPSON STRONG-TIE CATALOG FOR REQUIREMENTS. CONTRACTOR SHALL PROVIDE	A. ALL MEANS AND METHODS OF SAFELY REMOVING ALL EXISTING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.	EXT EXTERIOR STL STEEL STFF STFFENER FAB FABRICATE /FABRICATOR S.W. SHEAR WALL	Pr Re Chase RUCTIC
BUILDING HAVING A CLEARAN;E OF LESS THAN 6-INCHES FROM THE GROUND OR LESS THAN 2-NCHES MEASURED VERTICALLY FROM CONCRETE STEPS, PORCH SLABS, PATIO SLABS OR SIMILAR	STRONG-TIE CATALOG FOR REQUIREMENTS. CONTRACTOR SHALL PROVIDE MANUFACTURER'S CUT SHEETS FOR ALL HANGER SUBSTITUTIONS.	B. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING REQUIRED FOR DEMOLITION OPERATIONS. CONTRACTOR SHALL BE	F.F. FINISHED FLOOR	
HORIZONTAL SURFACES EXPOSED TO THE WEATHER. (AWPA USE	R. ALL NOTCHED STAIF STRINGERS SHALL HAVE AN EFFECTIVE MINIMUM DEPTH OF 5	b. And Diskubits Rectured Single Transitions (September 20, Contraction Single E Respondent) (For the Eastern And PropOpulations) (Contraction Single E Respondent) (Contractions) (Contractions) (Contractions) (Contractions) Transmither (For the Eastern And PropOpulations) (Contractions) (Contractions) Transmither (Contractions) (Co		Hacker Res et Chevy Chase M R CONSTRUCTION
CATEGORY: UC3A) C. ALL EXTERIOR WALL STUDS ARE TO BE SPACED AT 16" O.C. (U.N.O.). PLACE	R. ALL NOTCHED STAIF STRINGERS SHALL HAVE AN EFFECTIVE MINIMUM DEPTH OF 5 12°, PRE-DRILL NOTKH CORNERS WITH A 14° DHOLE TO REDUCE STRESS CONCENTRATION AND DO NOT OVER-CUT NOTCHES.	GOVERNING CODES AND SAFETY REQUIREMENTS.	FLG FLANGE TOX TOP CHORD EXTENSION FLR FLANGE TOP GHORD EXTENSION FLR FLCOR TFE TOP OF FOOTING ELEVATION F.O. FLACE OF TH/TIME. THICKOR THUCKORS	
DOUBLE STUDS AT END OF WALLS AND TRIPLE STUDS AT INTERSECTIONS AND CORNERS, ALL MULTIPLE STUD POSTS SHALL BE FASTENED AS FOLLOWS: DOUBLE		VIII. TESTING AND INSPECTION	F.P. FULL PENETRATION T.L. TOTAL LOAD	Ihue He sth Street ( NOT FOR (
STUDS SHALL BE NAILED TOGETHER WITH 10d AT 6" O.C. TRIPLE STUDS SHALL BE NAILED TOGETHER WITH 30d AT 8" O.C. EACH SIDE.	IIL CONCRETE	THE CONTRACTOR SHALL RETAIN THE SERVICES OF AN INSPECTION AGENCY TO PERFORM THE FOLLOWING SERVICES.	FT FOOT/FEET T.OC. TOP OF CONCRETE	
D. PROVIDE SIMPSON STRONG-TIE (OR APPFOVED EUAL) POST CAPS AT ALL BEAM-ON-POST BEARING LOCATIONS NOT LOCATED WITHIN STUD WALLS, U.N.O.	A. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 301, ACI 318 AND ACI 302.	PERFORM INF CALUMING SERVICES A. INSPECTION OF SUBGRADE BELOW ALL DOUNDATIONS AND SLAB-ON-GRADE TO VERIFY THE ADEQUACY OF THE EBARING MATERIAL.	FI FOOTPIELT TOUC TOUCHELE FIG FOOTNOT TOUCTORECKTORE FDN FOUNDATION TOUCTORECKTORE TOURDATION TOUCTORECKTORE	ب يقر
E. ROOF SHEATHING SHALL BE 5/8-INC	B. CEMENT SHALL CONPLY WITH ASTM C150, TYPE I OR II.	B. WRITTEN REPORTS SHALL BE SUBMITTED TO THE ARCHITECT STATING	GALV         GALVMUZED         T.0.S./T.GSTL         TOP GF STELL           GA         GALGEE         T.0.S./T.GSLAB.TOP GF STELL         TOP.C./SAB.TOP GF STELL           G.B.         GRADE EEAM         T.0.T.         TOP GF THENCH           GR         GRADE         T.0.W.LL	G H
EXPOSURE I, PER THE "AMERICAN P		COMPLIANCE OR NONCOMPLIANCE WITH DESIGN DOCIMENTS AND SPECIFICATIONS. ALL REPORTS SHALL BE SIGNED AND SEALED BY A REGISTERED		Donoghue 30 Hestein Stre Not K
12-INCHES ON CENTER AT ALL INTER F. WALL SHEATHING SHALL BE 7/16-INC	APPROVED	ENGINEER LICENSED IN MARYLAND. C. INSPECTION AND TESTING OF ALL NEW STRUCTURAL FILL WITH REPORTS	TRANS TRANSVERSE HAS HEADED ANCHOR STUD TYP TYPICAL HD HOLD-DOWN	
<ul> <li>WALL SHEAT HING SHALL BE / 716-100 SHEATHING, EXPOSURE I, PER THE ' SHEATHING SHALL BE FASTENED W</li> </ul>		C. INSPECTION AND TESTING OF ALL NEW STRUCTIONAL IFLE WITH REPORTS SUBNITED TO ARCHITECT STATING COMPLIANCE OR IGNCOMPLIANCE WITH PERCENT COMPACTION REQUIRINENTS.	HDG HOT-OPPED GALVANZED ULT ULTIMATE HK HOOK UND UNLESS NOTED OTHERWISE	
PANEL EDGES AND AT 12 INCHES ON	-teamony County		INK HOOK UNKUESS HOLEU O I REWINSE HORZ HORZONTAL HT HEIGHT VERT VERT VERT AL HYAC HEZING-VERT LATING AND A/C V.F. VERTY IN FELD	
G. ALL FLOOR SUBFLOORING SHALL BE ADVANTECH SHEATHING OR STURD	ntgomery County	IX. EARTHWORK A. ALLOWABLE SOIL BEARING PRESSURE FOR ALL SHALLOW FOOTINGS IS ASSUMED	ID INCIDE DIALETED W// WITH	
ADVANTECH SIEATHING OR STURD GLUED WITH SUB-FLOOR ADHESIVE ON CENTER AT PARLE EDGES AND / INTERMEDIATE SUPPORTS.	-	A. ALLOWARD SUIL BENKING PRESSURE FOR THE APPLOYE FOULTINGS TO ASSUME. TO BE 1900 PSF. SHOULD UNSUITABLE MATERIAL BE EXCOUNTERED, FOOTINGS SUILLI BE ANDERVANATER ANDERED AFFN WITH FAIL TONGETE. For 2000 PSI.	LD. INSIDE DIAMETER W/ WITH N INCHES) W/D WITHOUT IF. INSIDE FACE WD WITHOUTH OR WOOD	
H. LAMINATED VENEER LUMBER (L.V.L.) Historic Pre	reservation Commission	TO BE STORE OF BELLEVIEW AND	LF. INSIDE FACE WD WIDTH OR WOOD NT INTERIOR WF WIDE FLANGE WP. WORK POINT	DESIGN NOTES
SHALL BE AS FOLLOWS:		B. ALL FILL MATERIAL SHALL BE FREE OF REGAVIC MATERIAL AND SHALL BE	N INCRESSION OF THE NO WITHOUT IF INSIDE FACE INT INTERDOR WP, WORFLANCE WP, WORFLANCE WP, WORFLANCE WP, WEEHT WW WELLOO WIRF FARC	Manual Contraction of the second
1. FLEXURE: Fb 2. SHEAR: Fv		SELECTED ON THE MASS OF URINA LATED THAN GARAGENETS AND DRYCOREST HANG ARALENCIETS AND DRYCOREST HANG ARALENCIETS AND	JBE JOIST BEARING ELEVAL DN	04-12-2021 Permit Set
2. SHEAR: FV 3. MODULUS OF ELASTICITY:			K KIP Ko. KNOCK OUT	01-14-2022 VE Changes
CONTRACTOR SHALL PROVID APPROVAL FOR ALL LVL BEAM	1	C. IF FOOTINGS ARE NOT TO BE POURED HE DAY OF EXAVATION, FOOTING TRENCHES SHALL BE BACKFILLED WIT I LEAN CONCRETE IMMEDIATELY UPON	KSI KIPS PER Sugare inc	
APPROVAL FOR ALL LVL BEAMS	//	DEFINITION TO PREVENT RESOLUTION PROMETER COMMANDER STATUS OF BY Michael Kyne at 12:50 p	nm lun 22 2022	
61 AL	1. 11.	<ul> <li>PREMETER DAM IT &amp; SHALL COME PRACTICE THANGY REAL EP ACTO WE HANCH THERE SHALL EP ACTO WE RECTORE NOT AND AND AND AND AND AND AND AND AND AND</li></ul>	JIII, JUII ZZ, ZOZZ	
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·	•		Professional Certification. I hereby	
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			Expiration Date: 7/9/2022. (P) 571.323.0320	Jer: OT

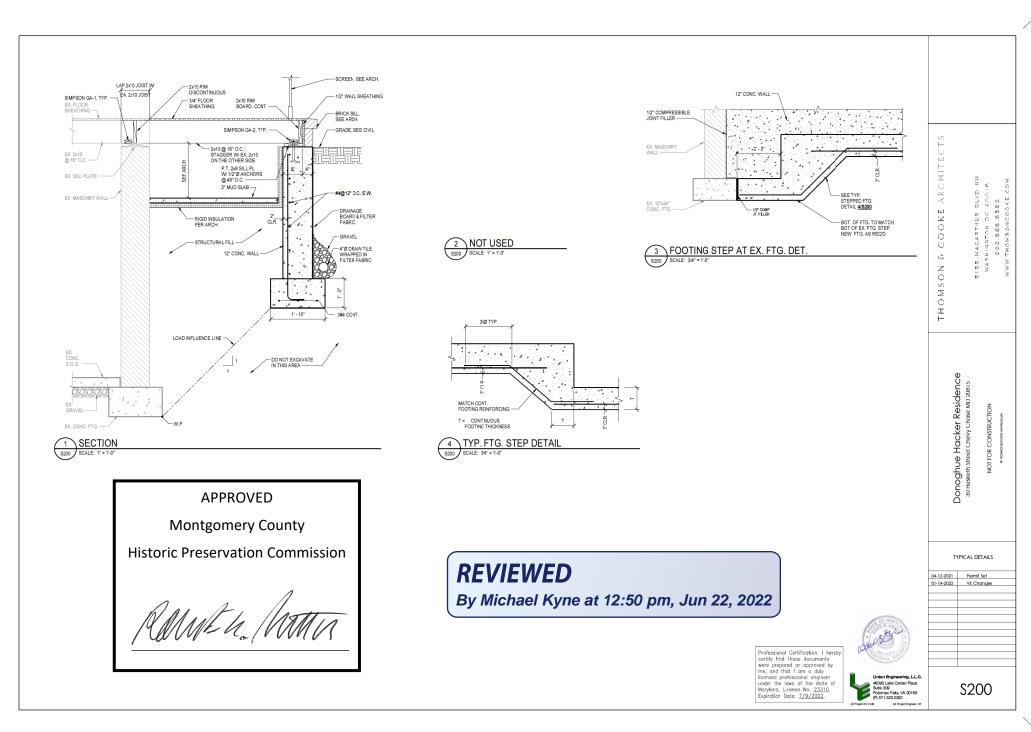


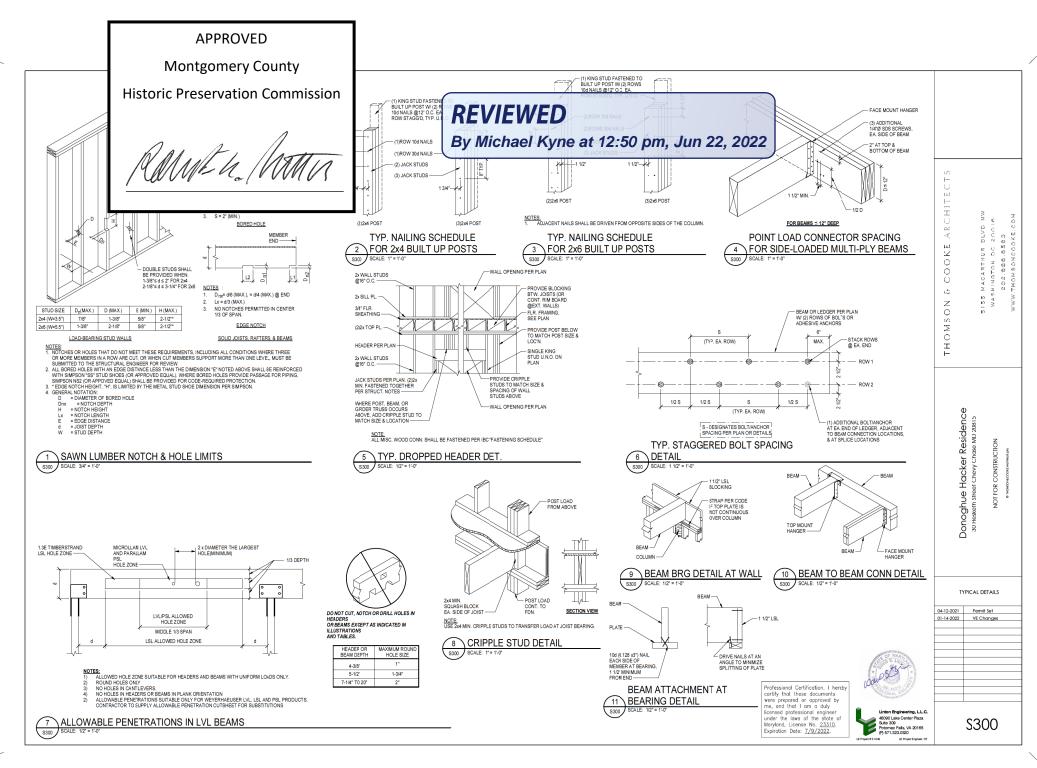












EX. FLOOR SHEATHING - 2x8 BLOCKING BETWEEN EA. SPACE 2 - 5/8" ROOF SHEATHING 10d NAILS @ 6" O.C - SIMPSON L70 TYP 1/2" WALL SHEATHING PT. 2x RIM BOARD EX. 2x10 JOIST: @ 16" O.C.\* - EX. 2x10 JOISTS @ 16" O.C.\* SIMPSON H2.5A HURRICANE TIE(GALV.), T - 0" MAX. ∠2x10 RAFTERS ARCHITECT - (4)1 3/4" x 9 1/4" LVL FLITCH BEAM, Wi (2)3/8" x 9 1/4" STL. PL. W/ (2) ROWS OF 1/2" DIA A307 THROUGH BOLTS @ 16" O.C. EA. ROW STAGGERED SEE ARCH - 2x8 @ 16" O (3)2X10 W/ 1/2" SHEATHING BETWEEN EA. PLY @ 16" O.C. 2' - 0" - (2)2x10 NOTE: \* DESIGNATES EX. JOIST TO BE SHORED, CUT AND REFRAMED ON FLITCH BEAM BLVD NW 20016 COM SI55 MACARTHUR BLVD WASHINGTON DC 2001 202.686.6883 WWW.THOMSONCOOKE.C 2 SECTION 3 SECTION S301 SCALE: 1"= 1'-0' S301 SCALE: 1" = 1'-0' COOKE ŝ W.M.M. - 1/2" WALL SHEATHING THOMSON 10 - 2x12 LEDGER W/ (2) ROWS OF SIMPSON 1/4"Ø x 3 1/2" LG. SDS SCREWS @ EA. EX. STUD LOCATION 2x6 SILL PL. W/ (2)10d NAILS @ 6" O.C - 2x10 RAFTERS @ 16" O.C. SIMPSON H2.5A HURRICANE TIE, TYP. 18" ROOF SHEATHING 2 - 8d NAILS @ 6" O.C. - 2x BLOCKING EX. FLOOR SHEATHING / EX. ROOF SHEATHING 1/2" WALL SHEATHING EX. FLOOR / ROOF Donoghue Hacker Residence 30 Hesketh Street Chevy Chase MD 20815 - 2x8 LEDGER W/ 10d NAILS @ 8" O.C. CEILING SHEATHING, SEE ARCH. P.T. 2x8 TAPERED @ TOP FASCIA BOARD – EX, BRICK MASONRY WALL, V.I.F. 2x10 LEDGER W/ (2) ROWS OF 10d NAILS @ 16" O.C. - (3)1 3/4" x 14" LVL WOOD SCABS PER NOT FOR CONSTRUCTION BEAM, SEE PLAN (UPTURNED) (3)2x10 W/ 1/2" SHEATHING BETWEEN EA. PLY POCKET BEAM MIN. 4" INTO EX MASONR ARCH DET. OPENING, SEE ARCH. SECTION TYP. WOOD BEAM BRG. DET. AT MASONRY WALL SCALE: 1" = 1'-0" \$301 SCALE: 1" = 1 APPROVED **Montgomery County Historic Preservation Commission** FRAMING SECTIONS **REVIEWED** 04-12-2021 Permit Set 01-14-2022 VE Changes By Michael Kyne at 12:50 pm, Jun 22, 2022 RAMEL. MATTA 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. 23310. Expiration Date: 7/9/2022.

EX. (2)2x6 TOP PL

EX. 2x6 STUD WALL; SHORE CUT AND SUPPORT ON (3) 1 3/4" X 14" LVL BEAM

EX. 3/4" FLOOR SHEATHING -----

EX. 2x10 @ 16" O.C (V.J.F.)

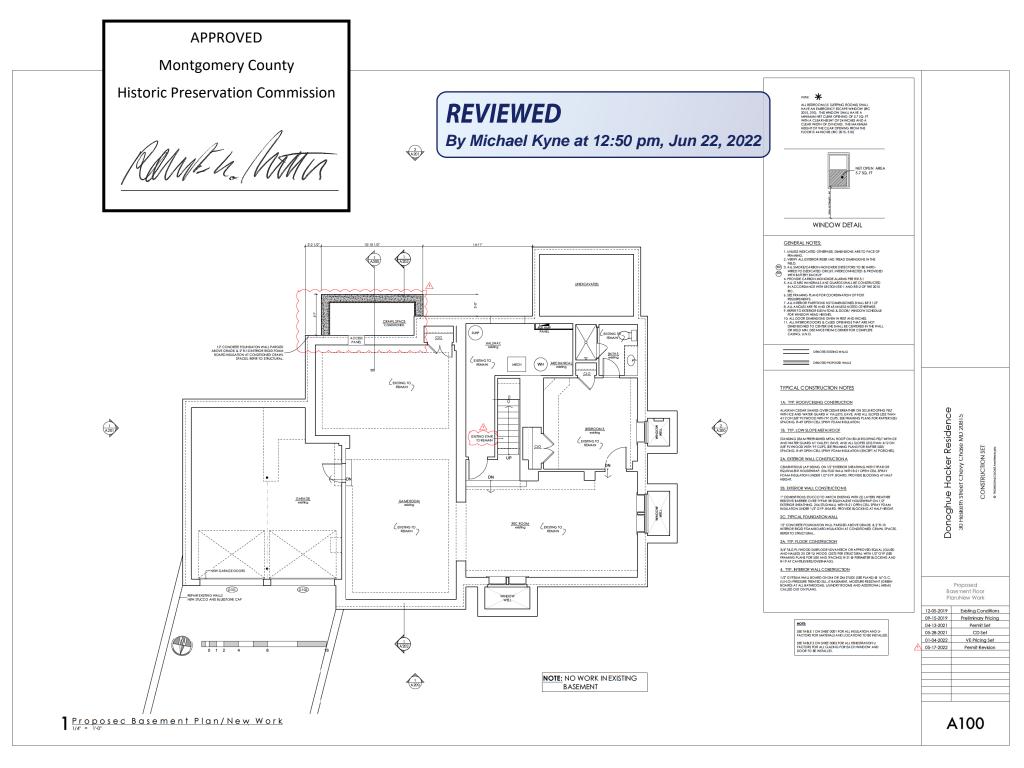
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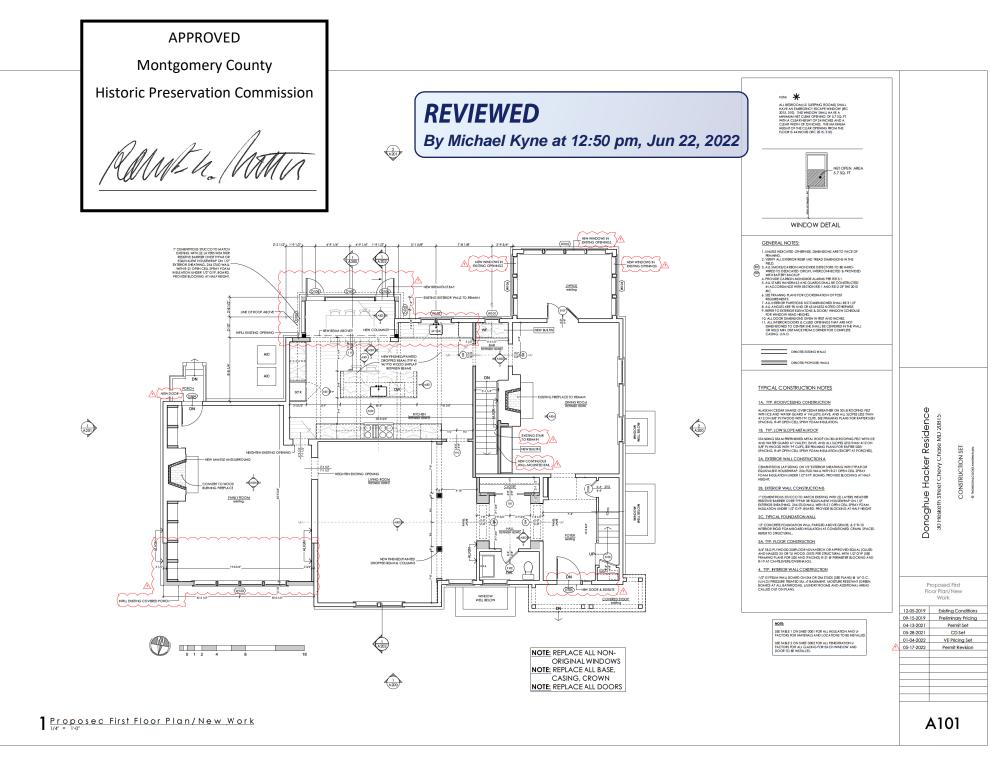
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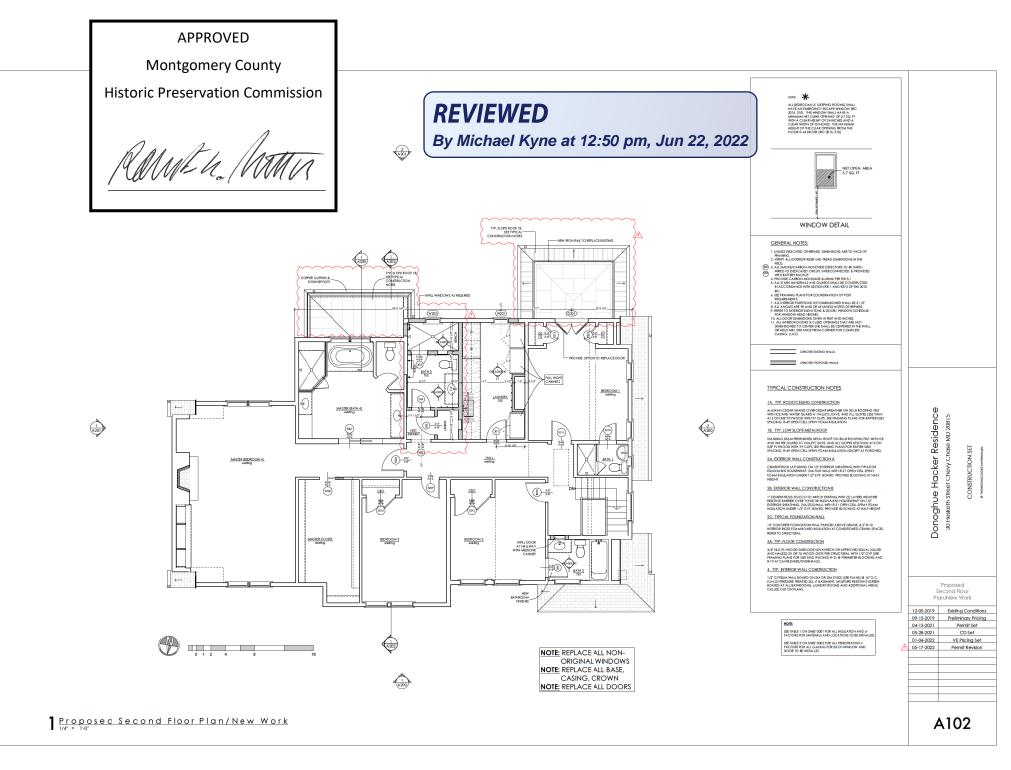
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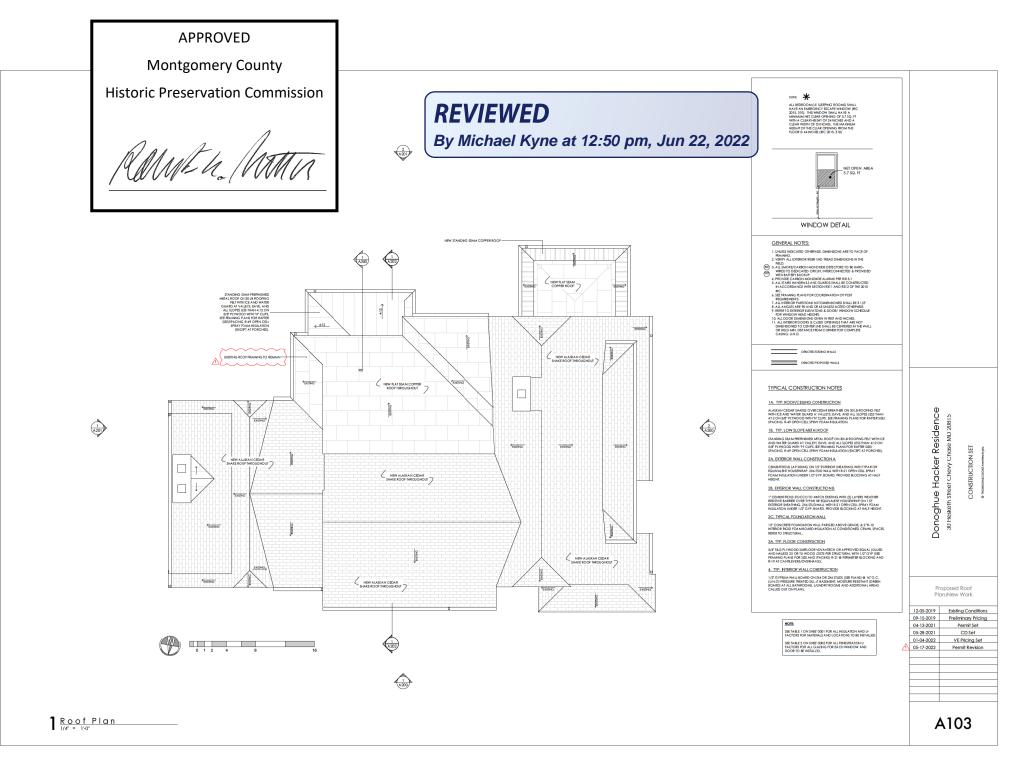
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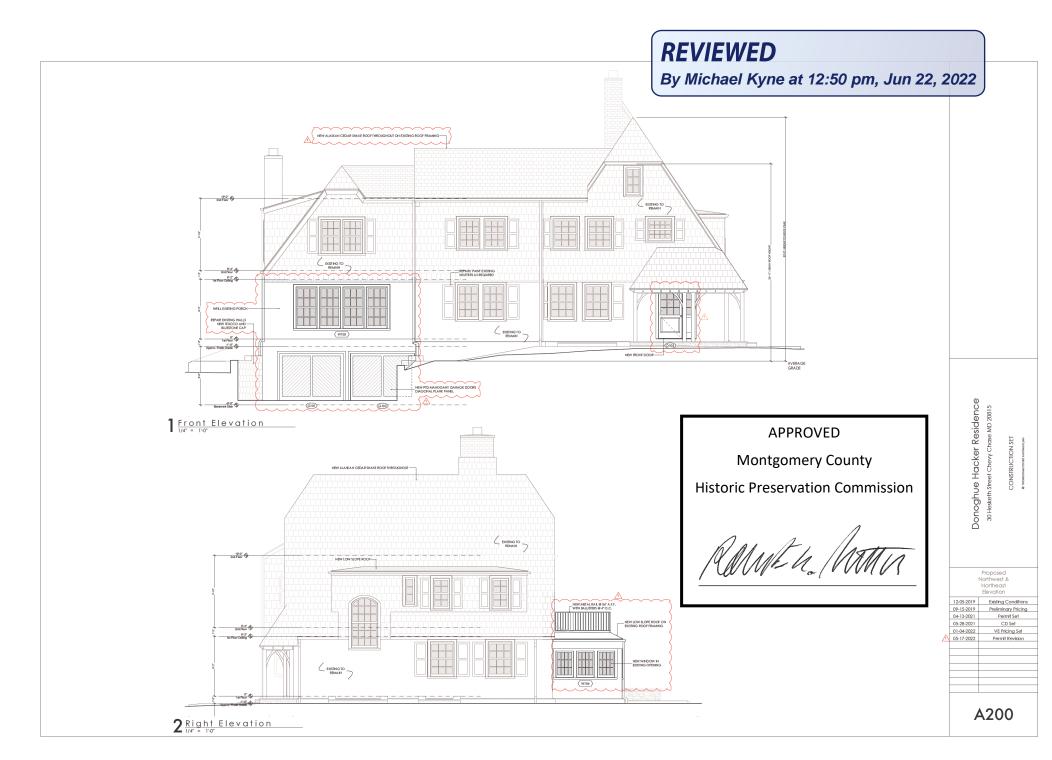
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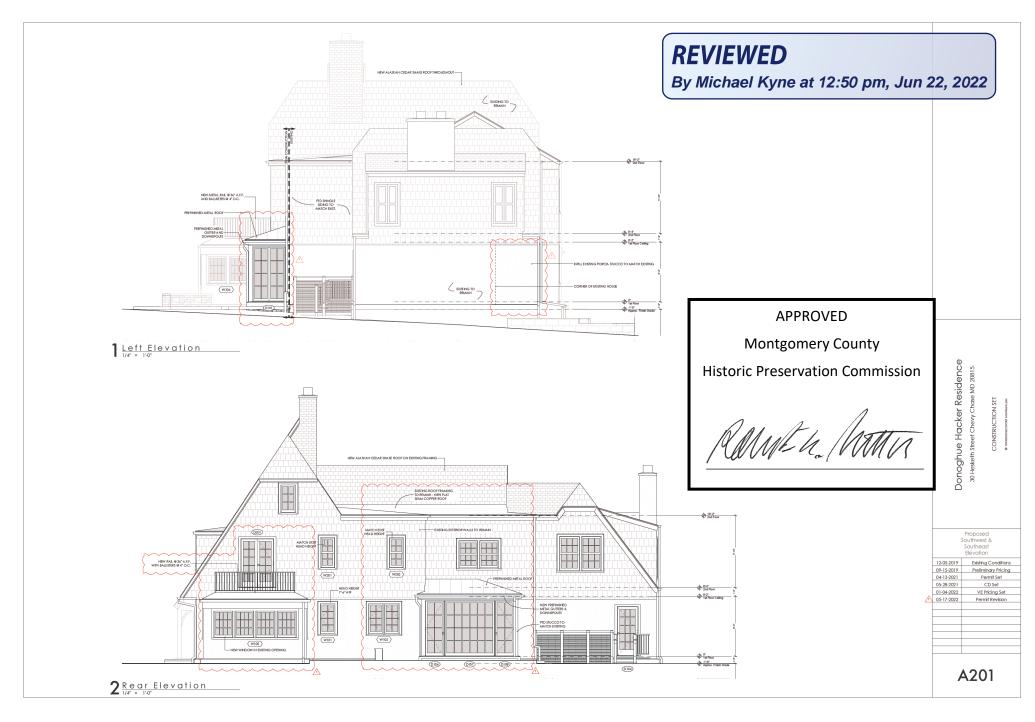


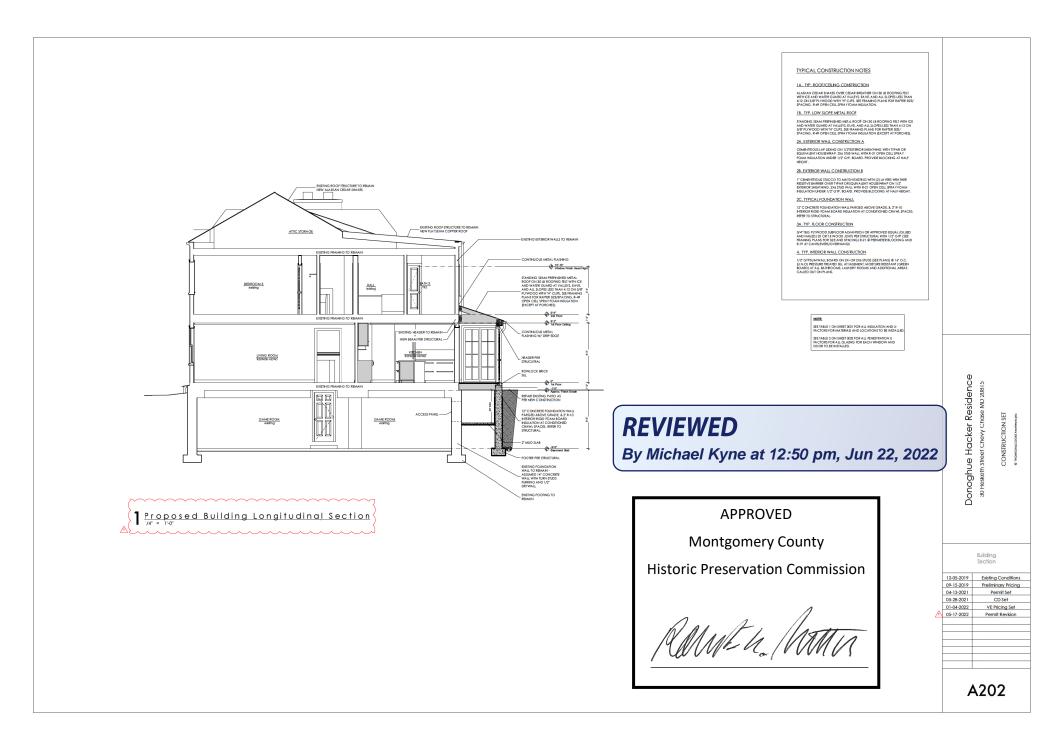












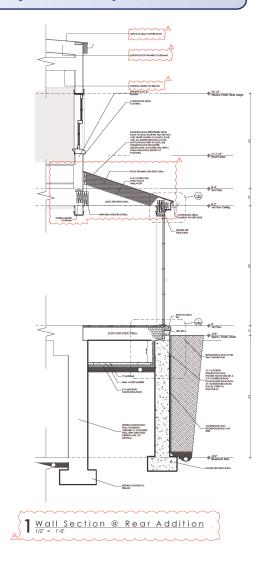
APPROVED

Montgomery County Historic Preservation Commission

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## REVIEWED

By Michael Kyne at 12:50 pm, Jun 22, 2022



## TYPICAL CONSTRUCTION NOTES A. TYP, ROOF/CRUING CONSTRUCTION ALAKAN CEDAR SHARES OVER CFURP REALISED ON SULE SCORES

ALASKAN CEDAR SHAKES OVER CEDAR BIEATHER ON 30 IB ROOFING FEIT WITHICK AND WAITER GUARD AT VALLETS, EAVE AND ALL SIC OFSIELSS THA 412 ON 5/8° FUNDOO WITH YC CLINE. SEE FRAMMO FUNA FOR RAFTERS I 5° ACING. R-Ø OPEN CELL STRAT FOAM NEULATION. 18. TYP. LOW SLOPE METAL ROOF

STANDING SEAN PREFINEHED METAL ROOF ON 30 L8 ROOFING FBLT WITH ICE AND WATER CUARD AT VALLETS, EAVE, AND ALL SLOPES LISS THAN 4-12 ON SP FLIVICOOL WITH 'TC LEYS SEF PANARIO PANIS FOR ARTER SEE! SPACING, R-# OPEN CELL SPAT FOAM INSULATION (EXCEPT AT PORCHES).

2A. EXTERIOR W ALL CONSTRUCTION A CEMERTIFICUS LAP SIDING ON 1/2" EXTERIOR SHEATHING WITH EQUIVALENT HOUSEWRAP, 2X4 STUD WALL WITH R/21 OPEN CE FOAM INSULATION UNDER 1/2" GYP, BOARD, PROVIDE BLOCKI HIGHT.

PLANN IPOULATION UNDER 1/2" GYP. BOARD. PROVIDE BLOCKING HIBOHT. 28. EXTERIOR WALL CONSTRUCTION B

I" CEMENTITIOUS STUCCO TO MATCH EXISTING WITH (2) LAYERS WEATH RESISTIVE BARRER OVER TYPAR OR EQUIVALENT HOUSEWBAP ON 1/2" EDTERIOR SHEATHING, 2/45 STUD WALL WITH R21 OPEN CELL SPRAY FO. INSULATION UNDER 1/2" CYP. BOADD, PROVIDE BLOCKING AT HALF HE

2C. TYPICAL FOUNDATION WALL

12" CONCRETE FOUNDATION WALL PARGED ABOVE GRADE & 2" R-10 INTERIOR RIGID FOAM BOARD INSULATION AT CONDITIONED CRAWL SPACES REFER TO STRUCTURAL.

3A. TYP. FLOOR CONSTRUCTION 3/4" T&G PLYWOOD SUBFLOOR ADVAN

3/4"T&G PLYWOOD SUBFLOOR ADVANTECH OR APPROVED EQUA AND NAILED 2X OR TIL WOOD JOISS PER STRUCTURAL WITH 1/2" ( FRAMING PLANS FOR SZE AND SPACING) R-21 @ PERMETER BLOC R-19 AT CANTLEVERS/OVERHANGS.

4. TYP. INTERIOR WALL CONSTRUCTION 1/2" GYPSUM WALL BOARD ON 224 OR 236 STUDS (SEE PLANS) @16" O.C.

NOTE

SEE EXTERIOR ELEVATIONS FOR WINDOW & DOOR HEIGHTS

NOTE: SEE TABLE 1 ON SHEET 0001 FOR ALL INSULATION AND U FACTORS FOR MATERIALS AND LOCATIONS TO BE INSTALLED.

SEE TABLE 2 ON SHEET 0001 FOR ALL FENESTRATION U FACTORS FOR ALL GLAZING FOR EACH WINDOW AND DOOR TO BE INSTALLED.

AIR STALING NOTES: CAUE DRIVANULTO TOPPLATE OF WALL CAUE SHARTING TO TOP AND BOTTOM PLATE OF WALL DRIVEN TO TOP AND BOTTOM PLATE OF WALL SHAL SHARTS ON EXTERNOR SHARTING SHAL AL SHARTS ON EXTERNOR SHARTING NOTES SHARE STO WEET CON TOR ADDUL ARE SHALING NOTES

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