<u>H</u>	ISTORIC PRESERVATION CO	MMISSION STAFF	REPORT
Address:	5312 Allendale Rd., Bethesda	Meeting Date:	6/26/2019
Resource:	Individually Listed Master Plan Site Milton (35/35)	Report Date:	6/19/2019
Review:	HAWP	Public Notice:	6/12/2019
Case Number:	35/35-19A	Tax Credit:	n/a
Applicant:	David Brown Outerbridge Horsey, Architect	Staff:	Dan Bruechert
Proposal:	Building Addition		

EXPEDITED HISTORIC PRESERVATION COMMISSION STAFF REPORT

PROJECT DESCRIPTION

SIGNIFICANCE:	Individually Listed Master Plan Site (Milton #35/35)
STYLE:	Federal
DATE:	c.1700; 1847



Figure 1: Milton is located on a large parcel adjacent to the Little Falls Parkway.

From *Places from the Past*:

"Milton is a three-part stone house that was the home of Nathan Loughborough, Comptroller of the U.S. Treasure during the John Adams Administration. Loughborough built the main block and the west wing in 1847, on the occasion of his second marriage. When he bought the property, about 1820, there was a small stone structure, using rough stone to match the original. Loughborough came to Washington from Philadelphia to serve in the Federal government. Active in the financial community, he was stockholder in the C & O Canal Company and a director of Georgetown's Farmers and Mechanics Bank. Loughborough moved to Milton from Grasslands, an estate located on the present site of American University.

The earliest section of the house is the east (left) wing that, according to tradition, was built c.1700 as a Dutch trading post and tavern. Milton is located along River Road, an early Indian trail. This early section has two rooms on the main floor. Typical of Mid-Atlantic building traditions are stone construction, central chimney, and basement kitchen. The structure is banked into a hillside with full basement exposed on the south side, a tradition usually associated with Germanic construction."

PROPOSAL

The applicant proposes to construct a one-story addition to the east of the house connected by a breezeway. The addition and breezeway will match the details of the historic house, but in smaller proportions than the historic house and wings.

The Maryland Historical Trust holds a façade easement on the property and has reviewed the work and supports the proposed addition.

APPLICABLE GUIDELINES

The use of the expedited review form is supported by the first item on the Policy on Use of Expedited Staff Reports for Simple HAWP Cases:

1. Alterations to properties on which the Maryland Historical Trust (MHT) holds an easement and which have been reviewed and approved by the MHT Easement Committee.

Montgomery County Code; Chapter 24A-8

- (b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to insure conformity with the purposes and requirements of this chapter, if it finds that:
 - (1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
 - (2) The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or

Secretary of the Interior's Standards for Rehabilitation

2. The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, space and spatial relationships that characterize a property will be avoided.

- 9. New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportions, and massing to protect the integrity of the property and its environment.
- 10. New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

STAFF RECOMMENDATION

Staff recommends that the Commission **approve** the HAWP application under the Criteria for Issuance in Chapter 24A-8(b)(1) and (2) and having found that the proposal is consistent with the Secretary of the Interior's Standards for Rehabilitation (specifically, Standards 2, 9, and 10), and therefore will not substantially alter the exterior features of the historic resource and is compatible in character with the district and the purposes of Chapter 24A; and with the general condition that the applicant shall present the **3 permit sets of drawings, if applicable to Historic Preservation Commission (HPC) staff for review and stamping** prior to submission for the Montgomery County Department of Permitting Services (DPS) building permits.





DP3 -#8

HISTORIC PRESERVATION COMMISSION 301/563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

	phan	Jackardan	hocau	Contact Person:	OUTORA	RIDAE	HORSEY
Contact Emai		uterbridge	nor sky.co	Daytime Phone No	.: 202	337 -	1334
Tax Account No.:							
Name of Property (Joh	N T. BEATY		Daytime Phone No	a.: <u>324</u>	605	4750
Address:	5312	ALLOND ALE		Beilton			
Contractor:	Street Number	J. BROIDH	Слу	St	aef a.: <u>30(</u>	674 25	
Contractor Registre Agent for Owner:		BRIOGE W	PROS.	Daytime Phone No	301	6742	500
COCATION OF B	UILDING/PREM	52					
House Number:		LENDALE	Street	ALLENDA	بالغ		
Town/City:	THE SOA	+	Nearest Cross Street	RED Por	ed rod	D	
Lot:	Block:	Subdivision:	0502	(FRIEND	DSHIP)		
MAP LOF HM2	3 Follo:	0000 Parcat	9593	_			
PART ONE: TYP		TION AND USE					
1A. CHECK ALL A			CHECK ALL	APPLICABLE			
Construct	Extend	Alter/Renovate	ANC	Stab Roo	m Addition E	Porch 🖸 Dec	ak 🗆 Shed
C Move	🗋 install	Wreck/Raze	🗇 Solar	Freplace D Wor	odburning Stove	🗹 Sin	gle Femily
C Revision	🖸 Repair	Revocable.	E Fence/	Nell (complete Section 4	4) 🗆 Othur:		
18. Construction	cost estimate: \$	\$285,000					
		y approved active permit, s	ee Permit #	A			
		W CONSTRUCTION AN	6/10/251 - 20 - 11				
2A. Type of sew		01 S WSSC	02 🗋 Septic	03 🖸 Other:			
28. Type of wate	w supply:	01 WSSC	02 🗆 Weil	03 🗍 Other:			
PART THREE: C	OMPLETEDINY	FOR FERCE/TETAINING	WALL				
3A. Height	leet	inches					
28. Indicate whe	rther the fence or r	etaining wall is to be const	ructed on one of the	following locations:			
📋 On party i	line/property line	Entirely on la	ind of owner	🗍 On public right	t of way/easement	1	
I hereby cartify the approved by all ag	nt I have the autho rencies listed and	rity to make the foregoing I hereby acknowledge and	application, that the accept this to be a	application is corract, a condition for the issuar	nce of this permit.	truction will comp	
	Signature of own	ner or sucharized egent	5		may	Dete	2
Approved:			For Chaiŋ	person, Historic Presen	vation Commissio	n	
Disapproved:		Signature:			Dete	e	
Application/Permit	No.:		Date F	ied:	Oate Issued	l:	
Edit 6/21/99				INSTRUCTIO	NS		

THE FOLLOWING ITEMS MUST BE COMPLETED AND THE REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.

1. WRITTEN DESCRIPTION OF PROJECT

a. Description of existing structure(s) and environmental setting, including their historical features and significance:

UNDER HISTORIL HOUSE MARY MAND EASEMENT 10 WISTORIC TRUST APPROVAL * EADE MENT MUSA LETTON ALLACHA

b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district:

¥	ARCINO	WELCAR	SWOY	ALLACHOS	
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2. SITE PLAN

Site and environmental setting, drawn to scale. You may use your plat. Your site plan must include:

- a. the scale, north arrow, and date;
- b. dimensions of all existing and proposed structures; and
- c. site features such as walkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

3. PLANS AND ELEVATIONS 🗸

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" paper are preferred.

- a. Schematic construction plans, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- b. Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, contaxt. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. MATERIALS SPECIFICATIONS

General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

- 5. PHOTOGRAPHS
 - a. Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
 - b. Clearly label photographic prints of the resource as viewed from the public right-of-way and of the adjoining properties. All labels should be placed on the front of photographs.

6. TREE SURVEY

If you are proposing construction adjacent to or within the dripline of any tree 6° or larger in diameter (at approximately 4 feet above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS

For All projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of lot(s) or parcel(s) which lie directly across the street/highway from the parcel in question. If PETER PUNKEDBCGC 5311 ALLEUGALE ROAD LYNN SMELKINSON 5316 ALLENDALE ROAD

PLEASE PRINT (IN BLUE OR BLACK INIQ OR TYPE THIS INFORMATION ON THE FOLLOWING PAGE. PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE, AS THIS WILL BE PHOTOCOPIED DIRECTLY ONTO MAILING LABELS.

GENERAL NOTES

- 1. All construction shall be in conformance with the International Residential Code (IRC) and International Energy Conservation Code (IECC), 2015 edition, as amended by Montgomery County Executive Regulation No. 8-12. 2. All Electrical work to be performed in accordance with the National Electrical
- Code and the Montgomery County code.
- 3. Dimensions and Notes for a given condition are typical for all similar conditions unless otherwise stated.
- 4. Drawings at a larger scale shall take precedence over drawings of a smaller scale. Notify Architect immediately if a discrepancy should be found.
- 5. Existing walls, columns, floor / ceiling assemblies, etc. are shown unrendered on the plans and sections. Elevations show existing elements - windows, doors, roofs, etc. as unrendered outline (new work is shown rendered).
- 6. General Contractor to keep disturbances in existing house to a minimum. 7. Protect existing planting during construction with erosion control type fence. Do not remove any trees or shrubs without prior approval of owner. Protect existing driveway from abuse, any damage should be repaired at the expense of the contractor. Provide conveniently located refuse barrels and maintain for workman use.
- 8. General Contractor to inspect existing electrical service and notify Owner and Architect if upgrading is required by code or with the proposed addition/ renovation.
- 9. General Contractor to ensure flush transition from existing work to new work. 10. All wall surfaces are to be made flush and smooth prior to painting or installation of wallcovering.
- 11. Verify all measurements and dimensions prior to beginning and throughout progress of Work. Consult Architect for resolution of any discrepancy in measurements or dimensions.
- 12. Prior to cutting or drilling affecting structural members not indicated, submit written notice to Architect specifying location and requesting consent to proceed with cutting or drilling. Contractor shall do cutting and drilling of existing construction required for installation of new work, including cutting of holes for new electrical work. Cover openings temporarily when not in use and patch as soon as work is installed. Refinish all affected areas to their original condition.
- 13. Coordinate the unloading and safe storage of Owner delivered material on site (casework, equipment, etc.). Installation of Owner delivered material is to be included in the base bid (unless noted otherwise).

DEMOLITION NOTES

- 1. Coordinate removal of personal belongings or furnishings from affected areas with owner.
- 2. Protect all interior walls, doors, trim, ceilings, and floors from unnecessary damage during demolition.
- 3. Phase all work to achieve minimum disturbance in work areas. Protect unaffected areas from dust, dirt and noise.
- 4. Salvage equipment, fixtures, counters, cabinets and doors as required by the contract drawings. Reuse as directed on drawings.
- 5. All doors and windows to be salvaged for course of job. Those not reused should be removed by G.C. at end of job as directed by Owner. See door and window schedules for those salvaged and relocated.
- 6. Remove all miscellaneous protrusions in walls, floors, ceilings, windows and doors including, but not limited to nails, hooks, wires, door bells, etc. on first floor.
- 7. The Contractor shall arrange for the proper discontinuance and/or relocation of all public utilites when required, including sewers, water, gas, electric, television, and telephone lines.
- 8. Existing plumbing hook-ups to be shut off immediately prior to demolition work at each location.
- 9. Cap off all abandoned waste and supply lines below floor level, patch where necessary
- 10. Brace structure as necessary during demolition to prevent structural damage and excessive movement. Protect the existing exterior walls, roof(s), and trim from damage during demolition.
- 11. Prior to cutting or drilling affecting structural members not indicated, submit written notice to Architect specifying location and requesting consent to proceed with cutting or drilling. Contractor shall do no cutting and drilling of existing construction required for installation of new work, including cutting of holes for new electrical work. Cover openings temporarily when not in use and patch as soon as work is installed. Refinish all affected areas to their original condition.
- 12. Contractor shall receive title to materials to be demolished, title shall vest to Contractor upon execution of the Contract. Owner will not be responsible for the condition, loss or damage to material after execution of Contract.
- 13. Debris shall not accumulate on site. Sale or burning of material on site is prohibited. Site and adjacent areas shall be kept clean and free from mud, dirt, and debris at all times.
- 14. Verify all measurements and dimensions prior to beginning and throughout progress of Work. Consult Architect for resolution of any discrepancy in measurements or dimensions.

OWNER Ms. Anne Mehringer Mr. John T. Beaty, Jr. 5312 Allandale Řoad Bethesda, MD 20816 LOT DESCRIPTION: Parcel: P593 **ADDRESS**: 5312 Alland LOT AREA: ZONING DISTRICT: R-60 **BUILDING TYPE:** Single Fami



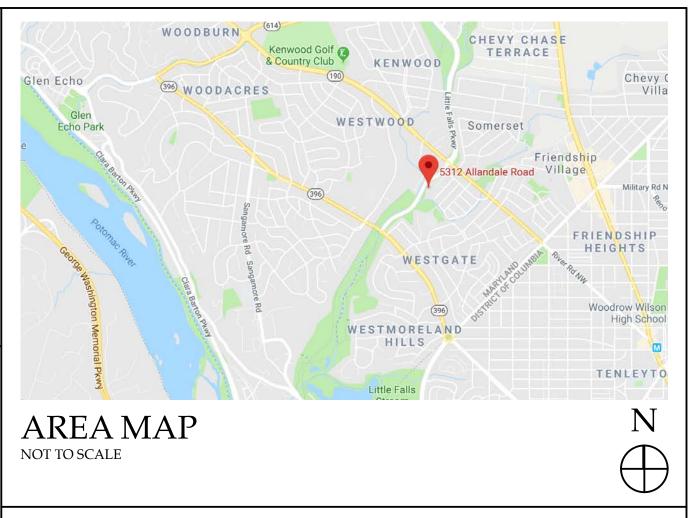
ARCHITECT

Outerbridge Horsey Associates, PLLC Tel 202.337.7334 1228 1/2 31st Street, NW Washington, DC 20007 Contact: Outerbridge Horsey, AIA oh@outerbridgehorsey.com John Cazayoux john@outerbridgehorsey.com Tatiana Sokolova tatiana@outerbridgehorsey.com

ADDITION TO OLD LOUGHBOROGH-MILTON

5312 Allandale Road, Bethesda, MD 20816

93, ACCT: 00422383	ZONING CRITERIA	REQUIRED	PROVIDED
ndale Rd. Bethesda, MD 20816	MIN. LOT AREA:	6,000 SF	98,133 SF (2.25 Acres)
	MIN. LOT WIDTH AT FRONT BUILDING LINE:	60'	250'
	MIN. LOT WITH AT FRONT LOT LINE:	25'	40' APPROX.
	FRONTAGE ON STREET OR OPEN SPACE:	Required, except a	s exempt under Chapter 50
nily Detached	MAX. DENSITY (units/acre):	7.26	1 unit on 2.25 acres
	MAX. LOT COVERAGE:	35%	3.7%
	MIN. FRONT SETBACK:	25'	133'-9"
	MIN. SIDE SETBACK:	8'	32'
	MIN. SUM OF SIDE SETBACKS:	18'	99'-7"
	MIN. REAR SETBACK:	20'	230'
	MAX. HEIGHT OF PRINCIPAL BUILDING:	35'	30' <i>-</i> 9″



SPECIAL NOTE

Existing conditions shown or implied are based on best available but limited information. If conditions are encountered that differ from those shown, noted or implied, all work in that specific area is to stop and the Architect is to be notified. No work is to continue in such areas without the permission of the Architect.

Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify, and be responsible for all dimensions and conditions on the job and the Architect must be notified of any variation from the dimensions and conditions shown by these drawings.

The above drawings and specifications and the ideas, designs and arrangements represented thereby are, and shall remain the property of the architect. No part thereof shall be copied, disclosed to others, or used in connection with any other work or project by any other person for any purpose other than for the specific project for which they have been prepared and developed without the written consent of the architect. Visual contact with these drawings shall constitute conclusive evidence of acceptance of these restrictions.

The professional seal is for certification of new work only and is not intended for general certification of preexisting conditions.

LIST OF DRAWINGS

SHEET TITLE 0001 COVER SHEET 0002 PROPOSED SITE PLAN DEMO PLANS D100 D200 DEMO ELEVATIONS A100 PROPOSED FIRST FLOOR AND ROOF PLANS A200 PROPOSED ELEVATIONS A201 ADDITION ELEVATIONS A300 **BUILDING SECTIONS** A400 PROPOSED ADDITION ENLARGED PLAN A401 EXIST. AND PROPOSED WEST ELEVATION A402 WALL SECTIONS INTERIOR ELEVATIONS A500 A501 **INTERIOR ELEVATIONS** A700 PLAN DETAIL CONNECTION OF ADDITION TO EXIST. ENCLOSED PORCH A701 STONE FASTENER DETAILS AND SPECIFICATIONS A702 SECTION DETAILS A1000 STONE AND SLATE MOCK UPS A1001 COPPER ROOF DATA/DETAILS A1002 WINDOW DATA/DETAILS S100 STRUCTURAL PLANS AND NOTES

OUTERBRIDGE HORSEY ASSOCIATES, PLLC 1228 ¹/₂ 31st STREET, NW WASHINGTON, DC 20007 TEL 202-337-7334 FAX 202-337-7331 www.outerbridgehorsey.com COPYRIGHT 2018 OUTERBRIDGE HORSEY ASSOCIATES, PLLC

CONSULTANTS:

ADDITION TO OLD LOUGHBOROGH-MILTON 5312 Allandale Rd. Bethesda, MD 20816

DRAWING TITLE:

COVER SHEET

SCALE: AS NOTED

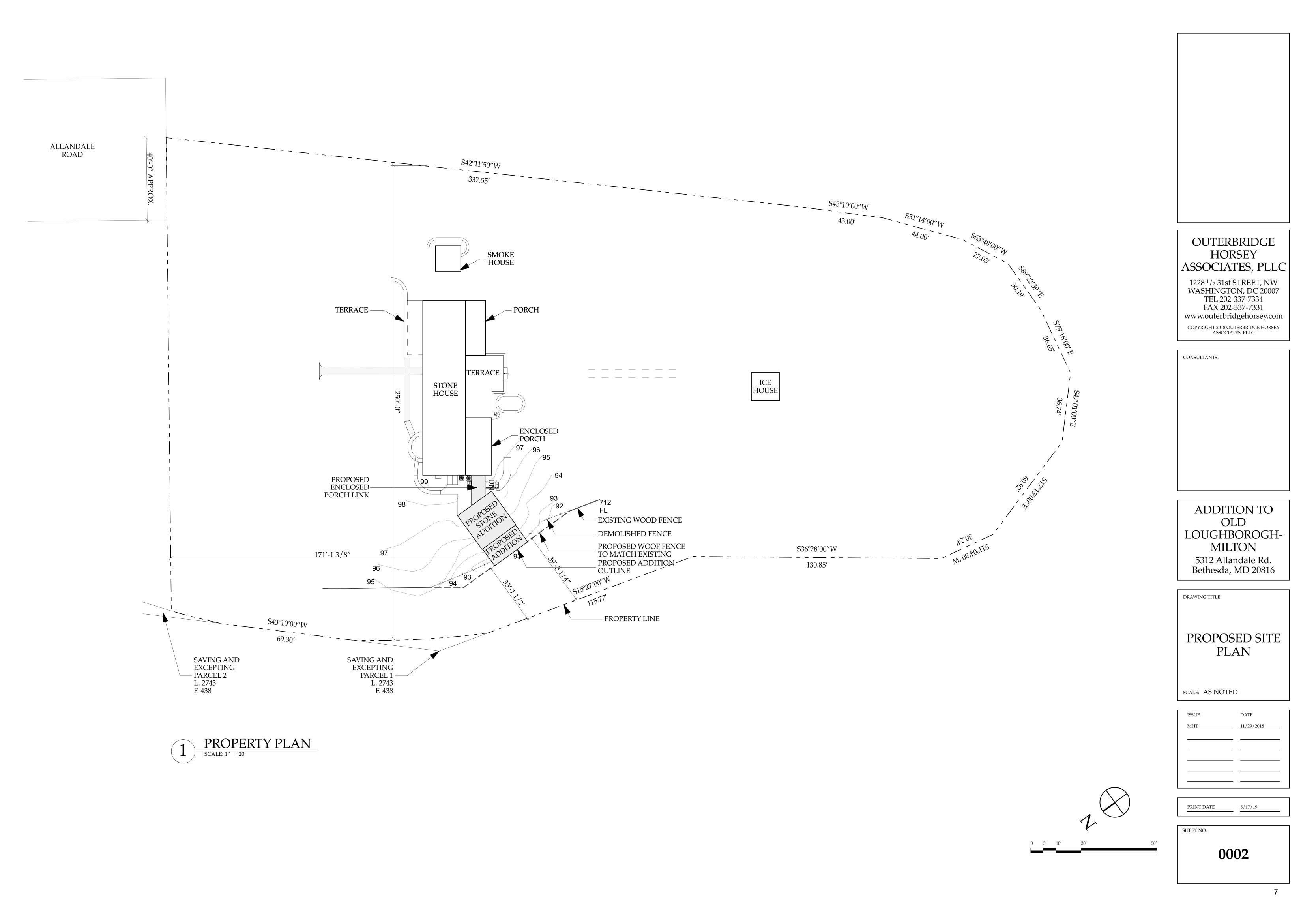
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MHT	11/29/2018

PRINT DATE

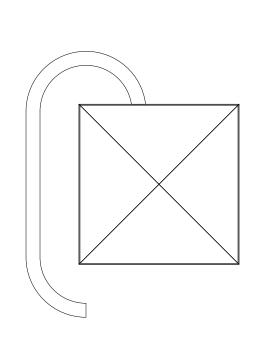
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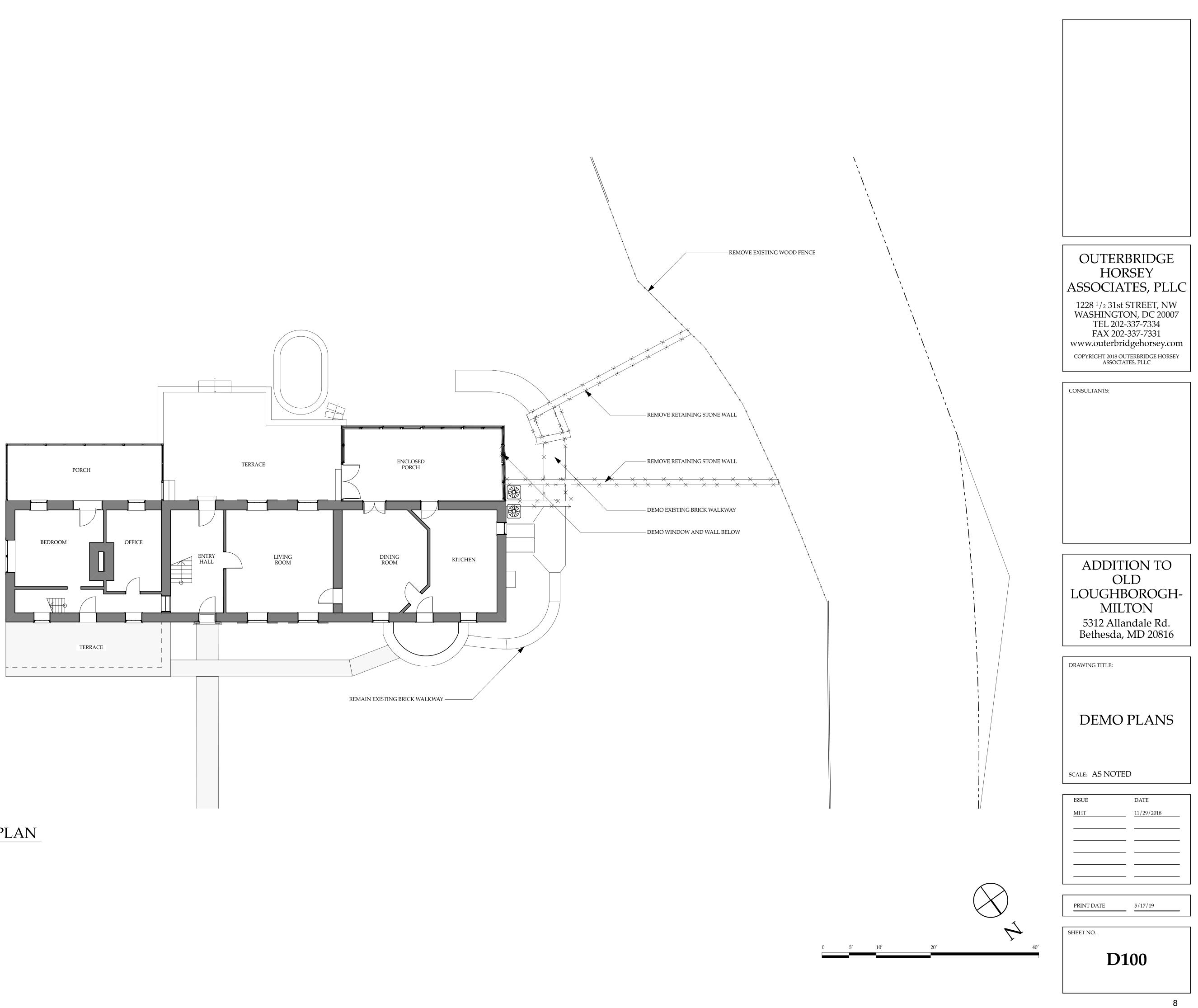
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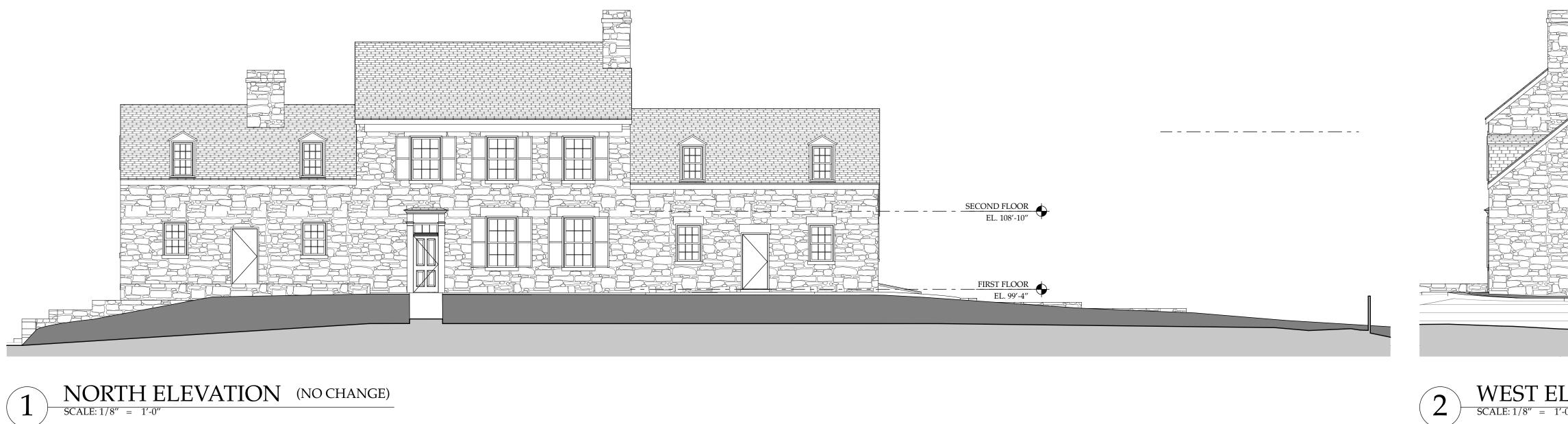


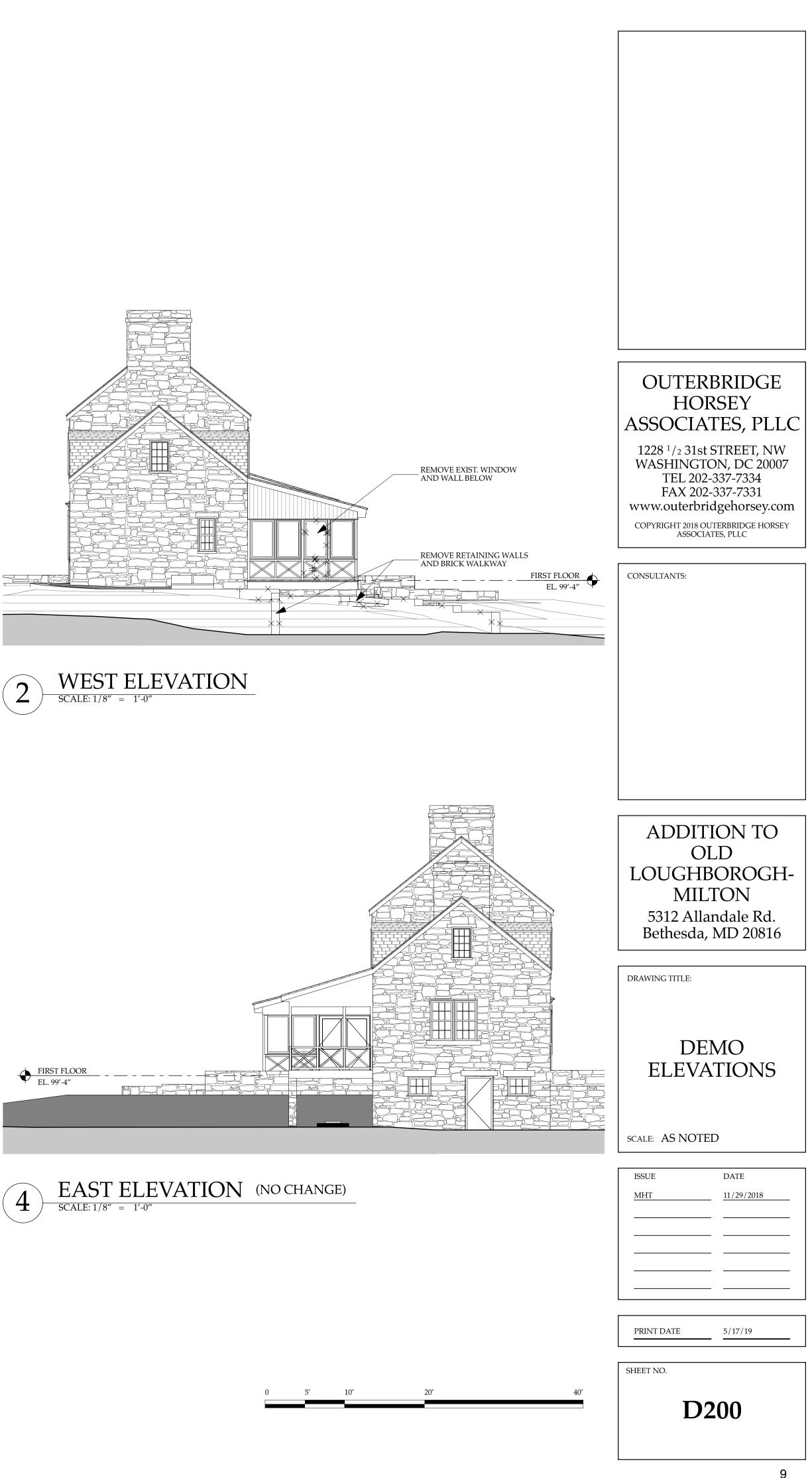


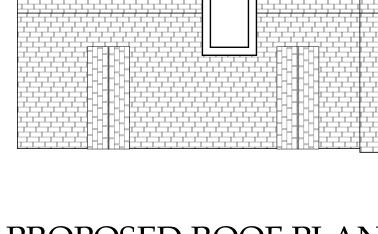




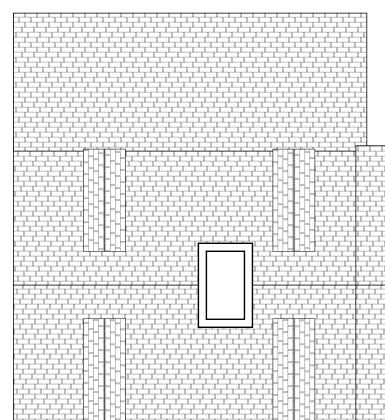




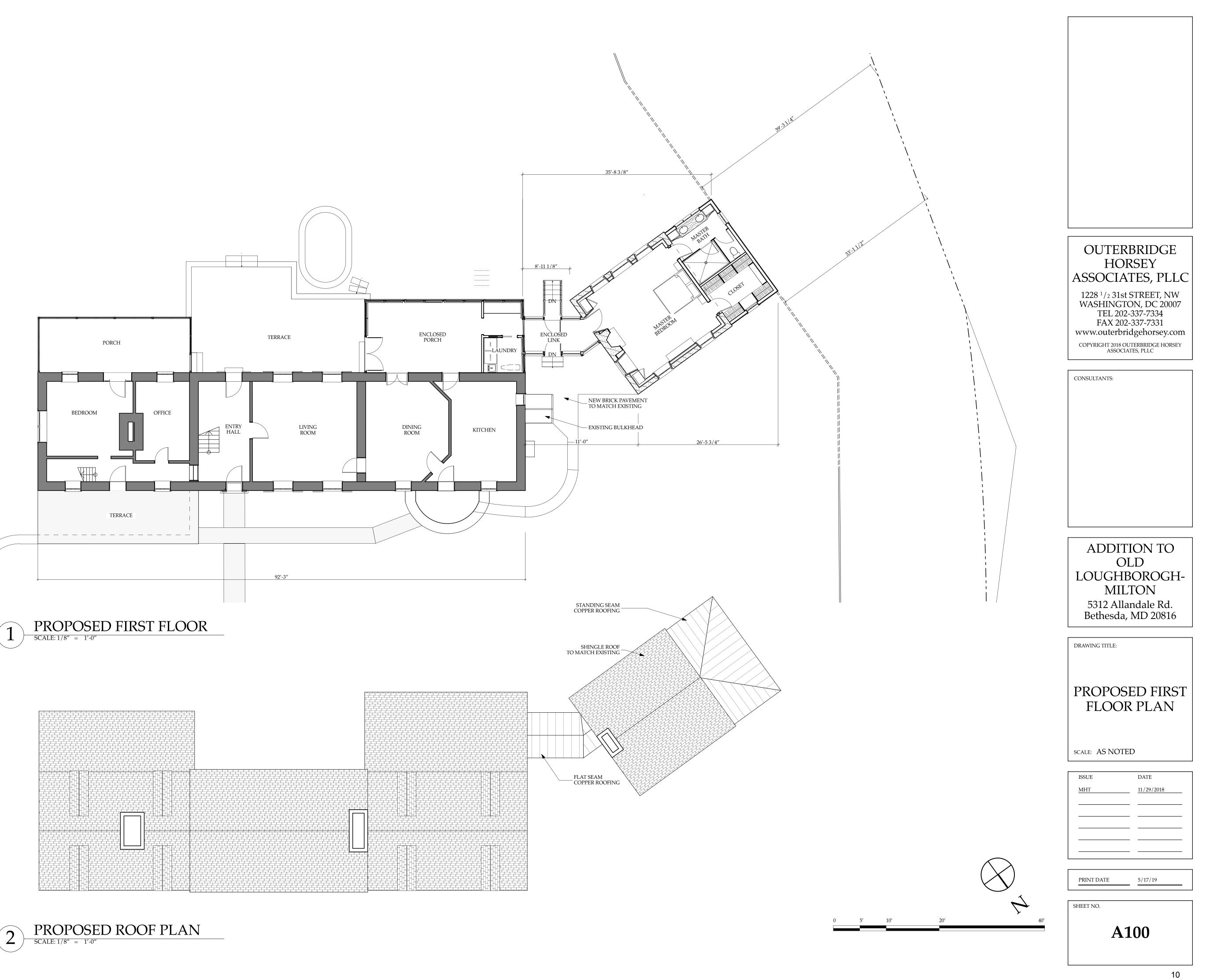


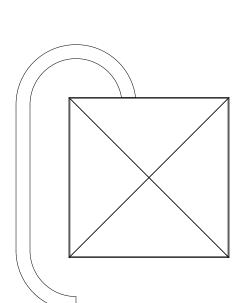




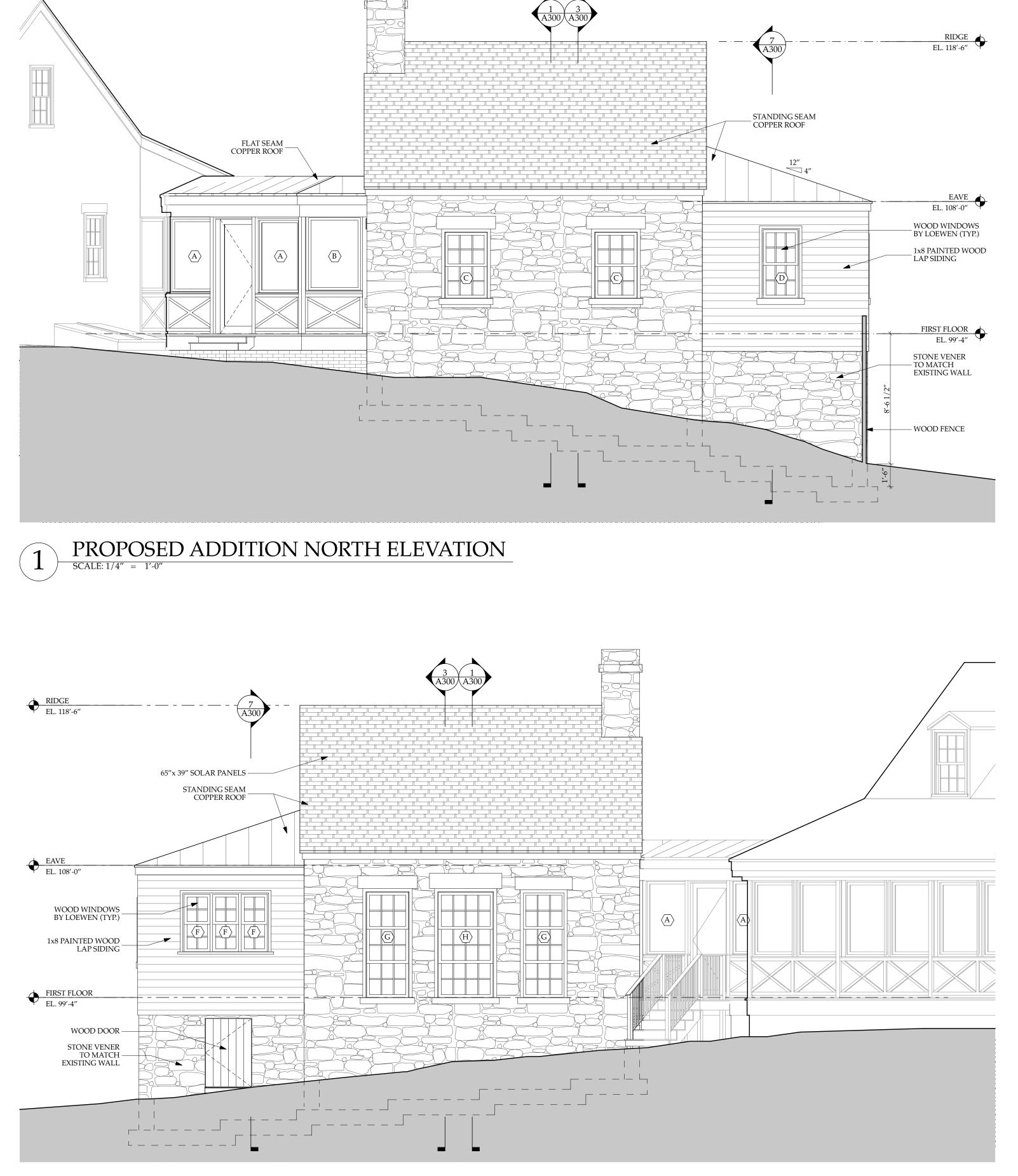






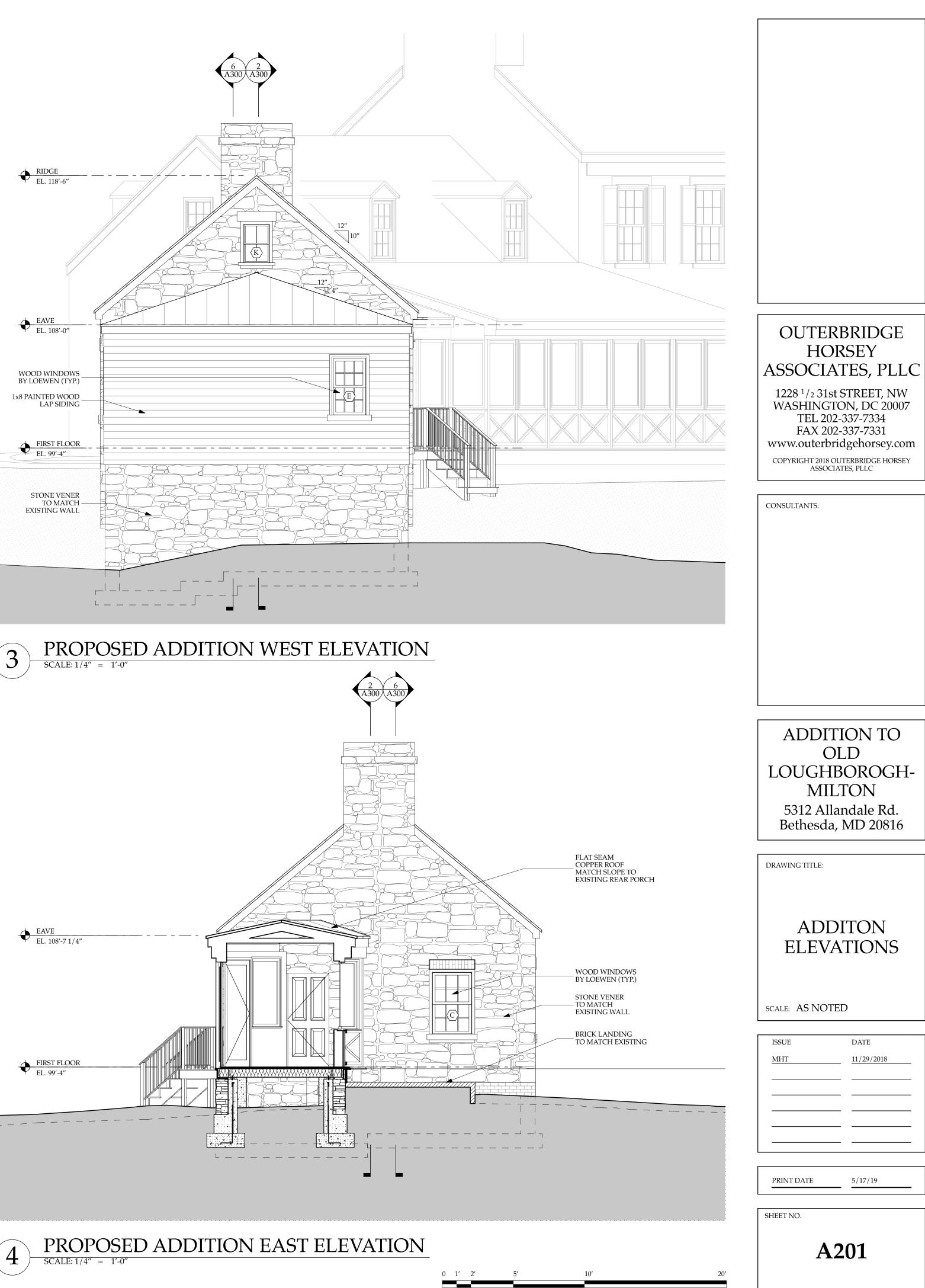




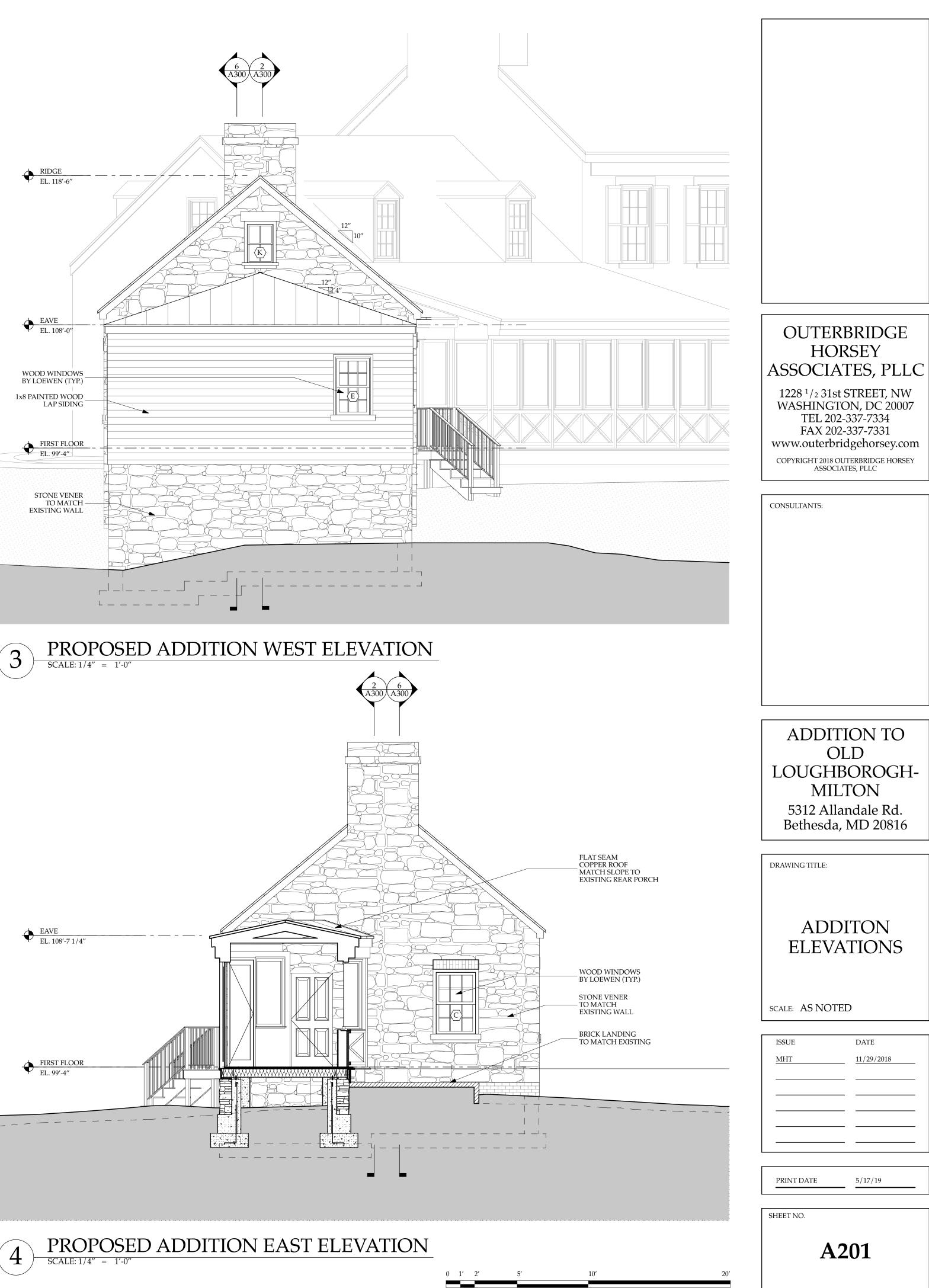


PROPOSED ADDITION SOUTH ELEVATION SCALE: 1/4" = 1'-0"

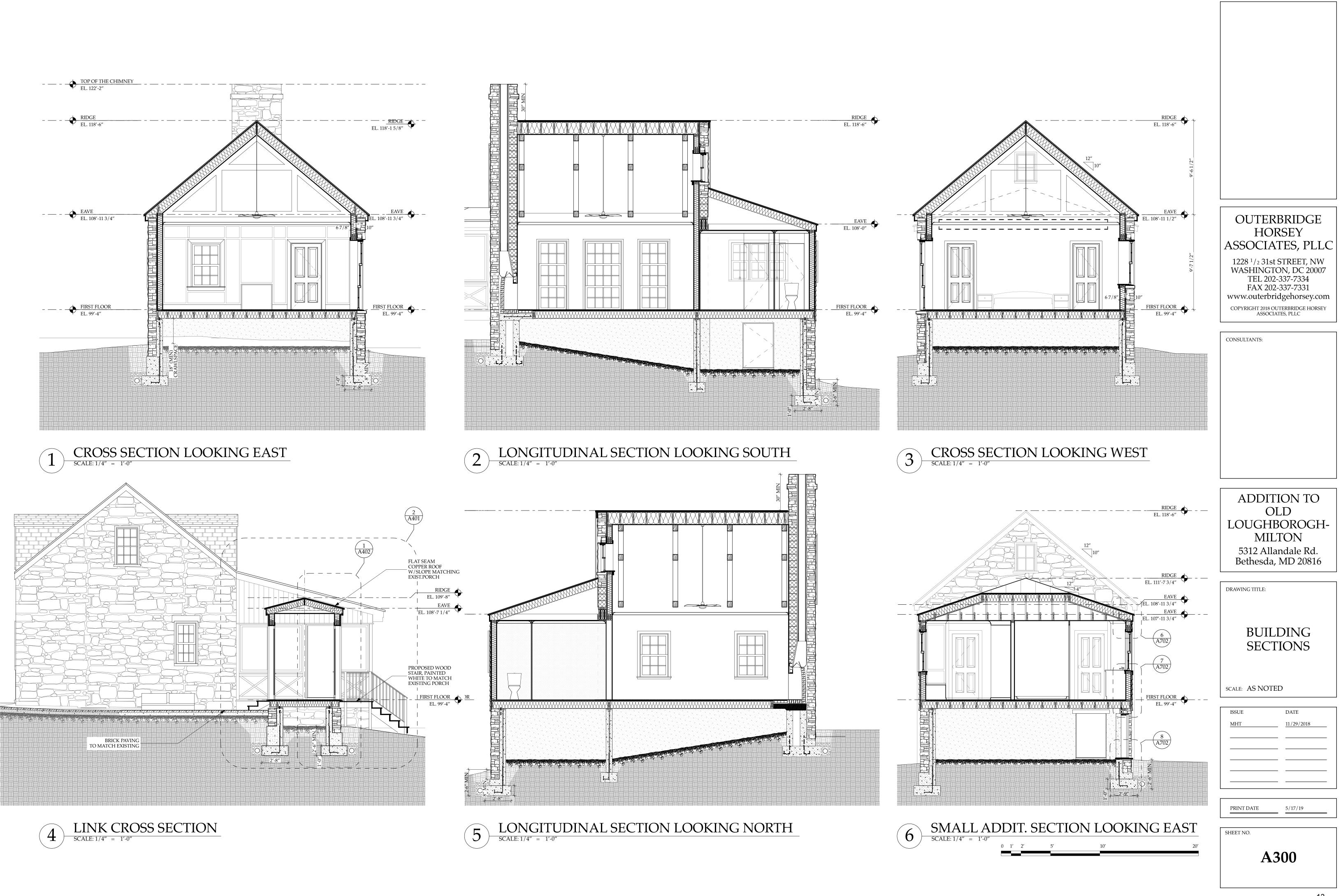
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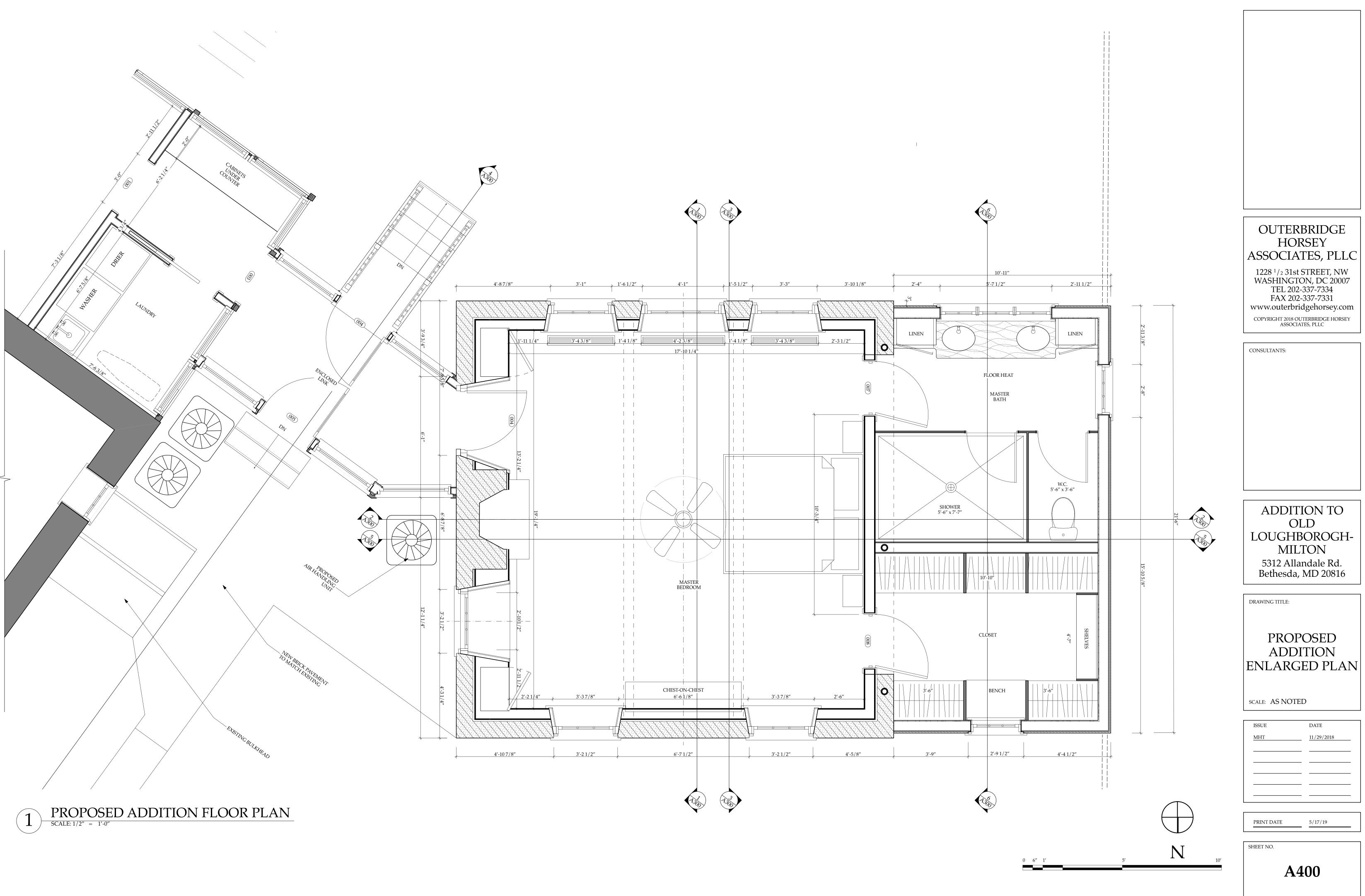


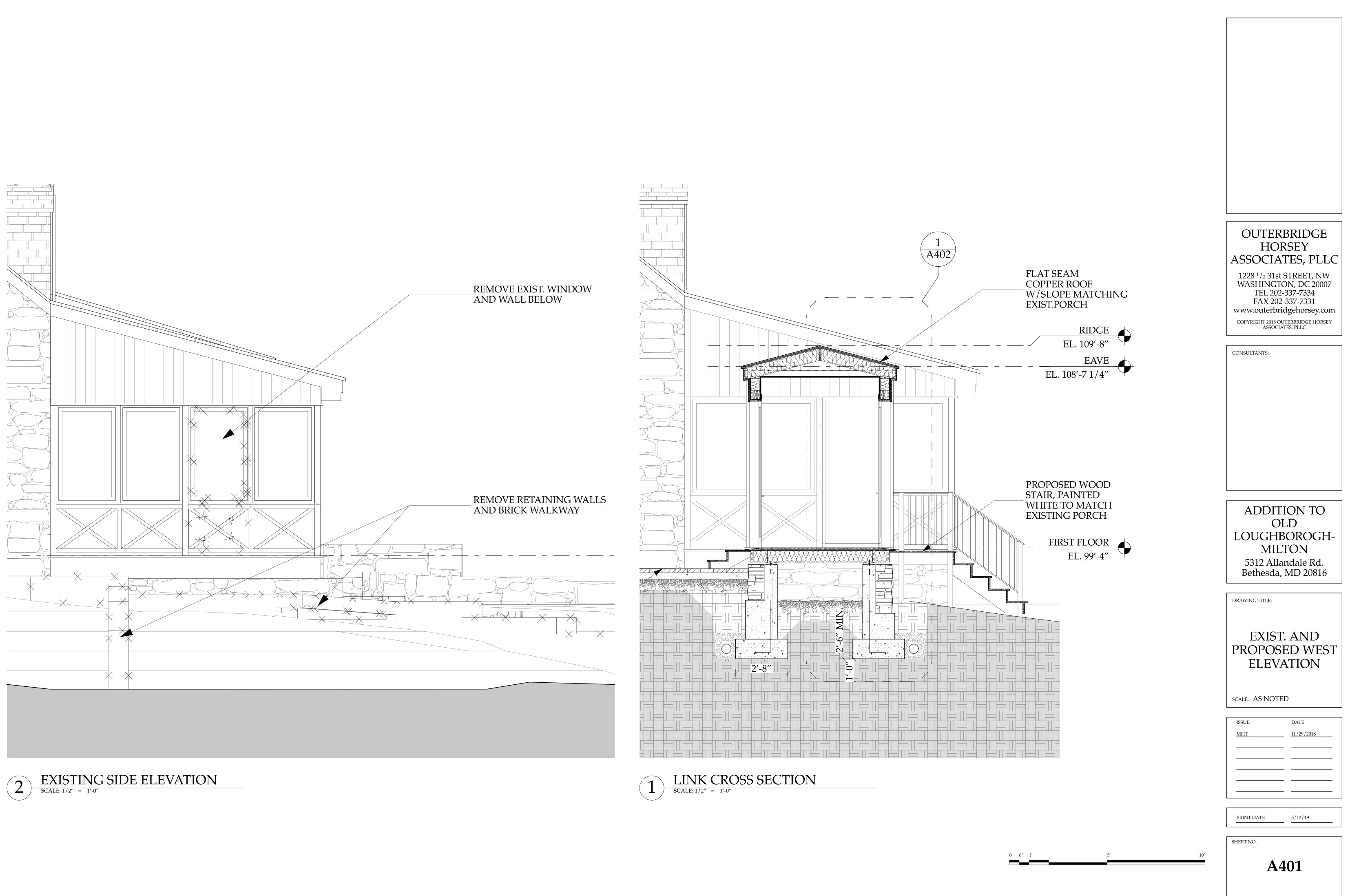


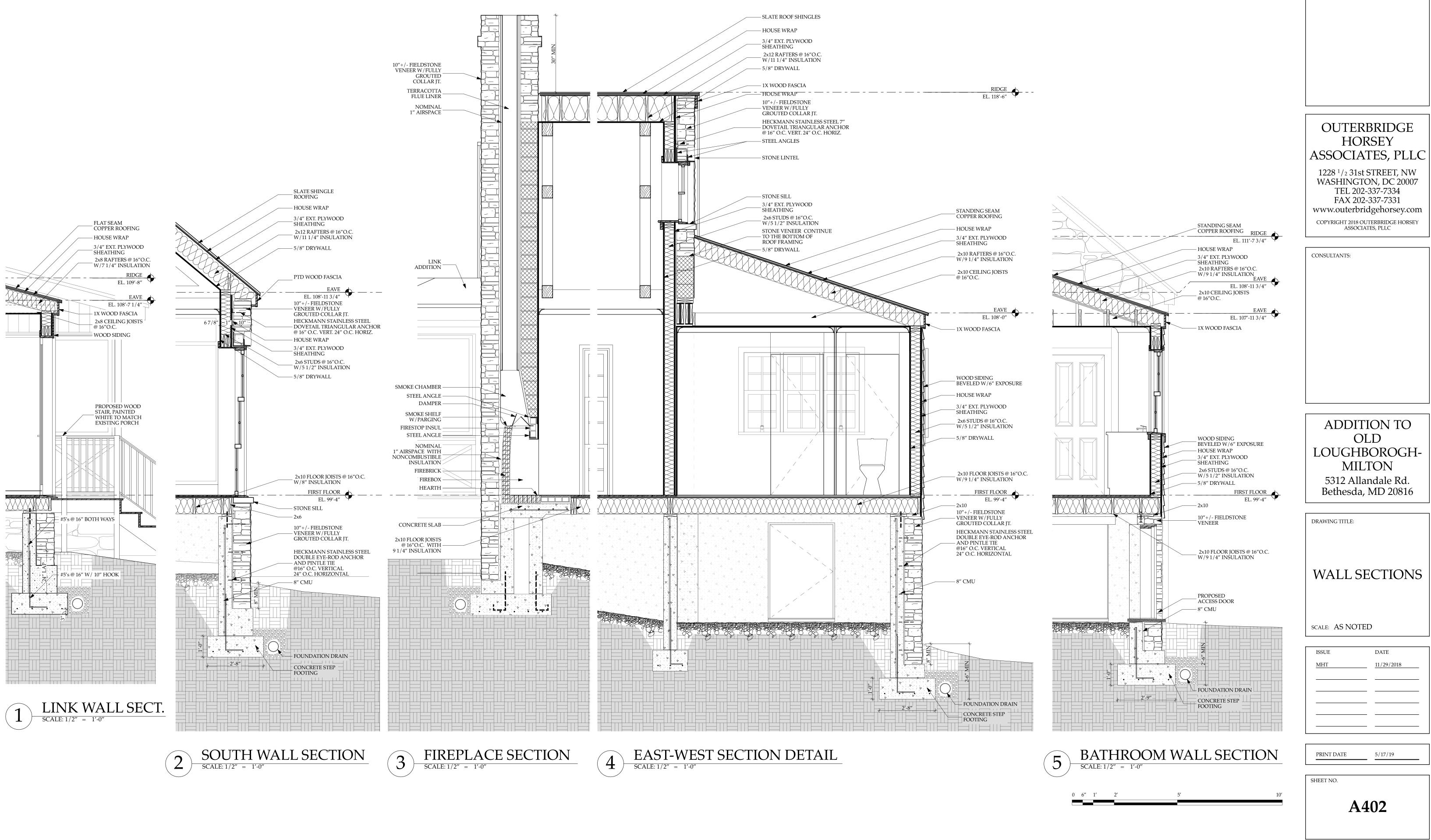


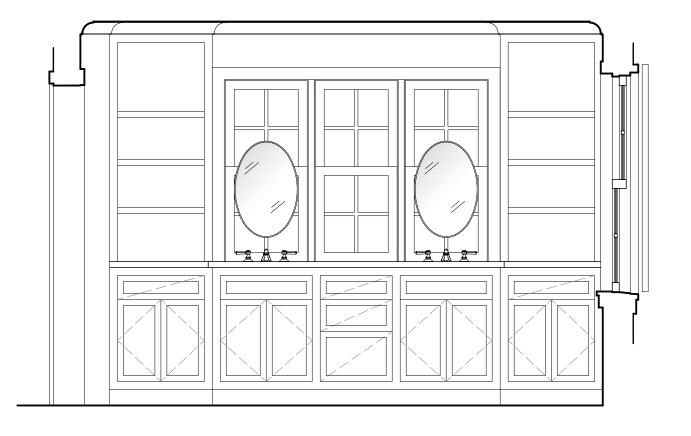


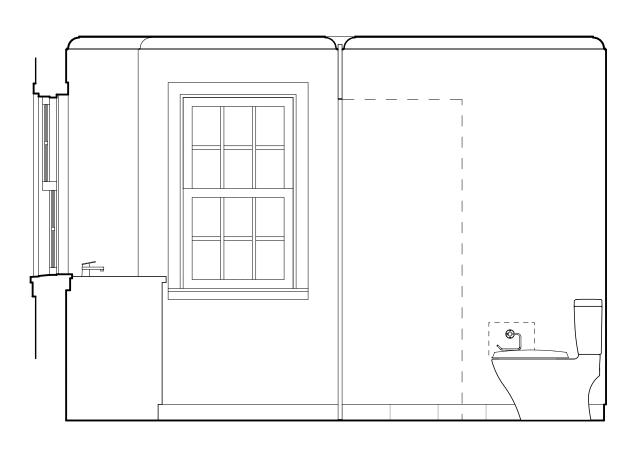






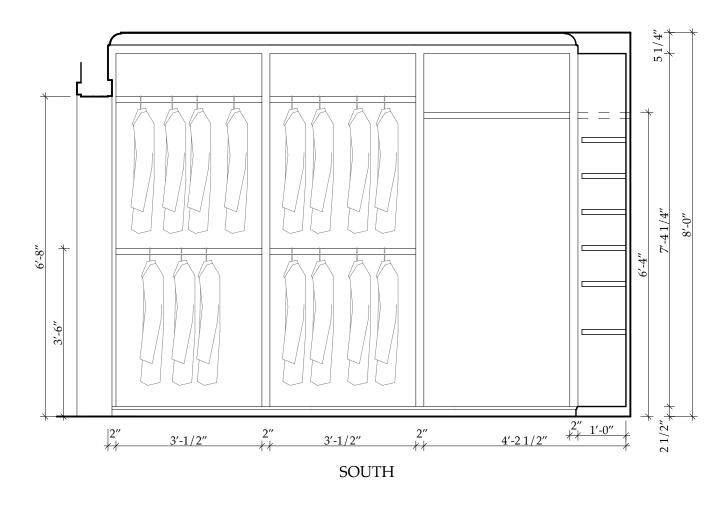






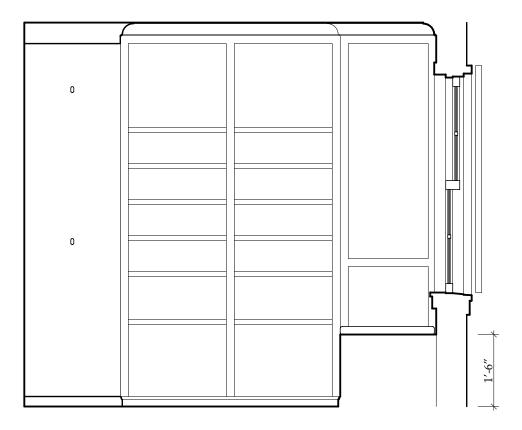
SOUTH

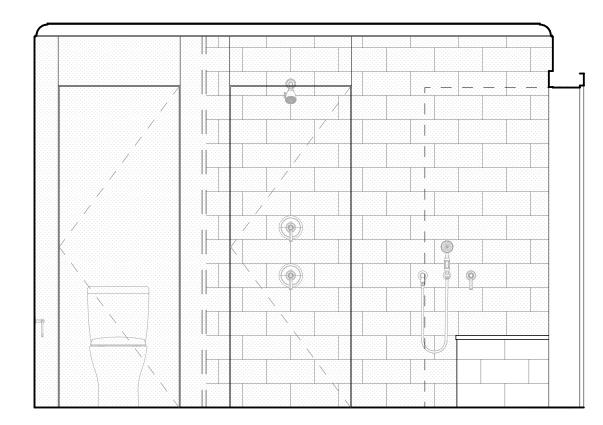




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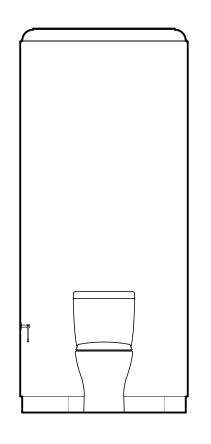
DRESSING ROOM INTERIOR ELEVATIONS SCALE: 1/2" = 1'-0"

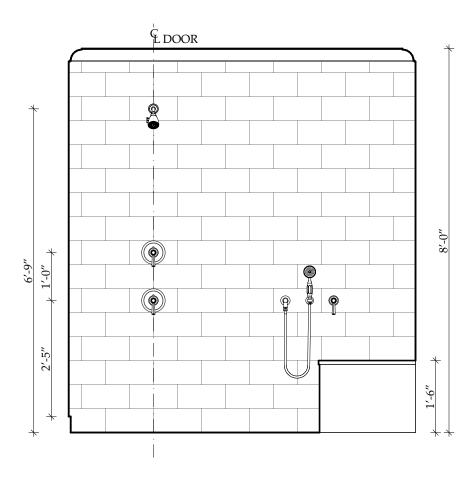




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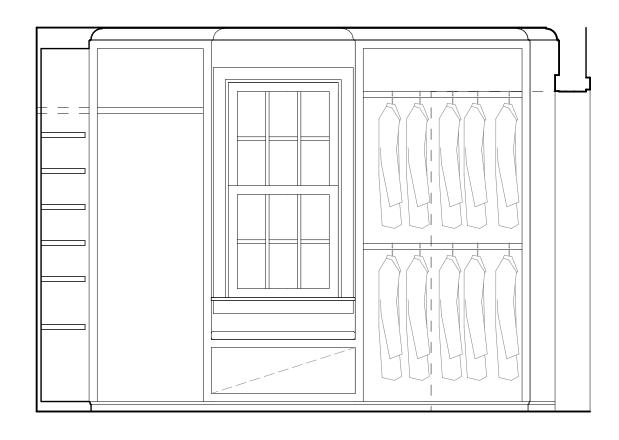
NORTH





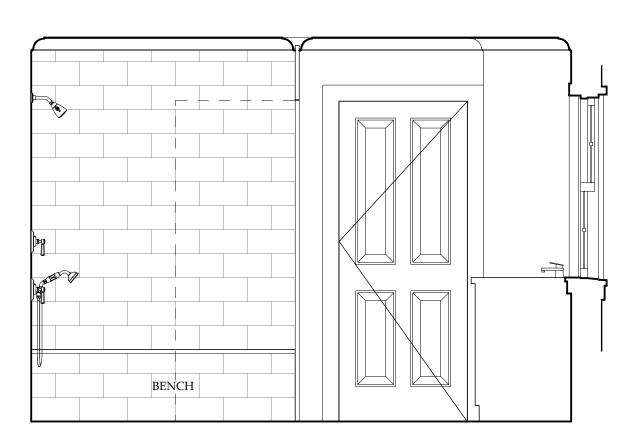
NORTH

NORTH

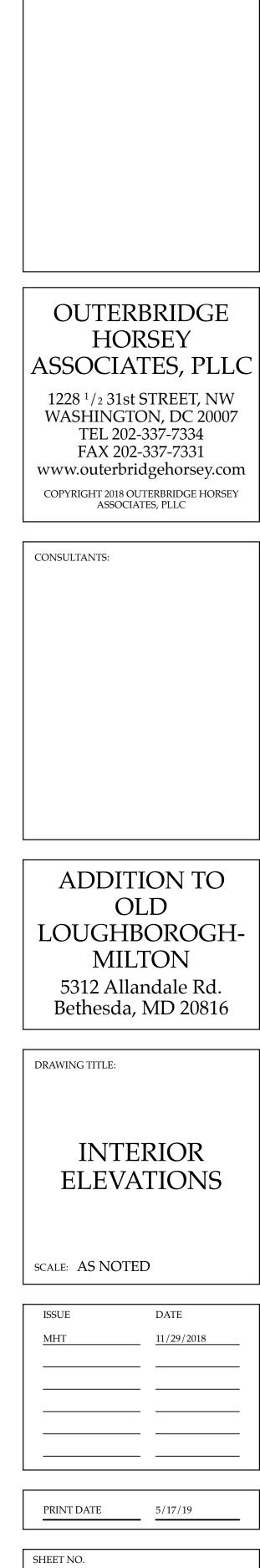


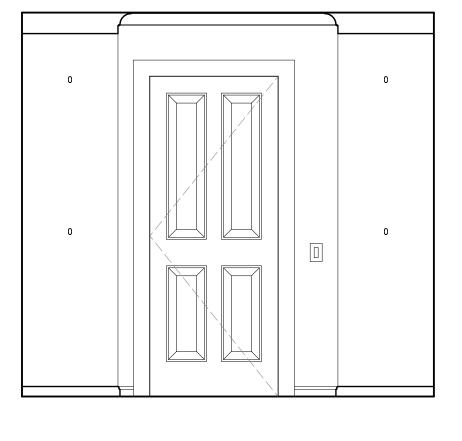
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WEST

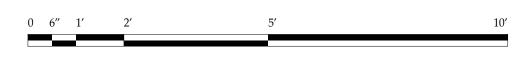


EAST

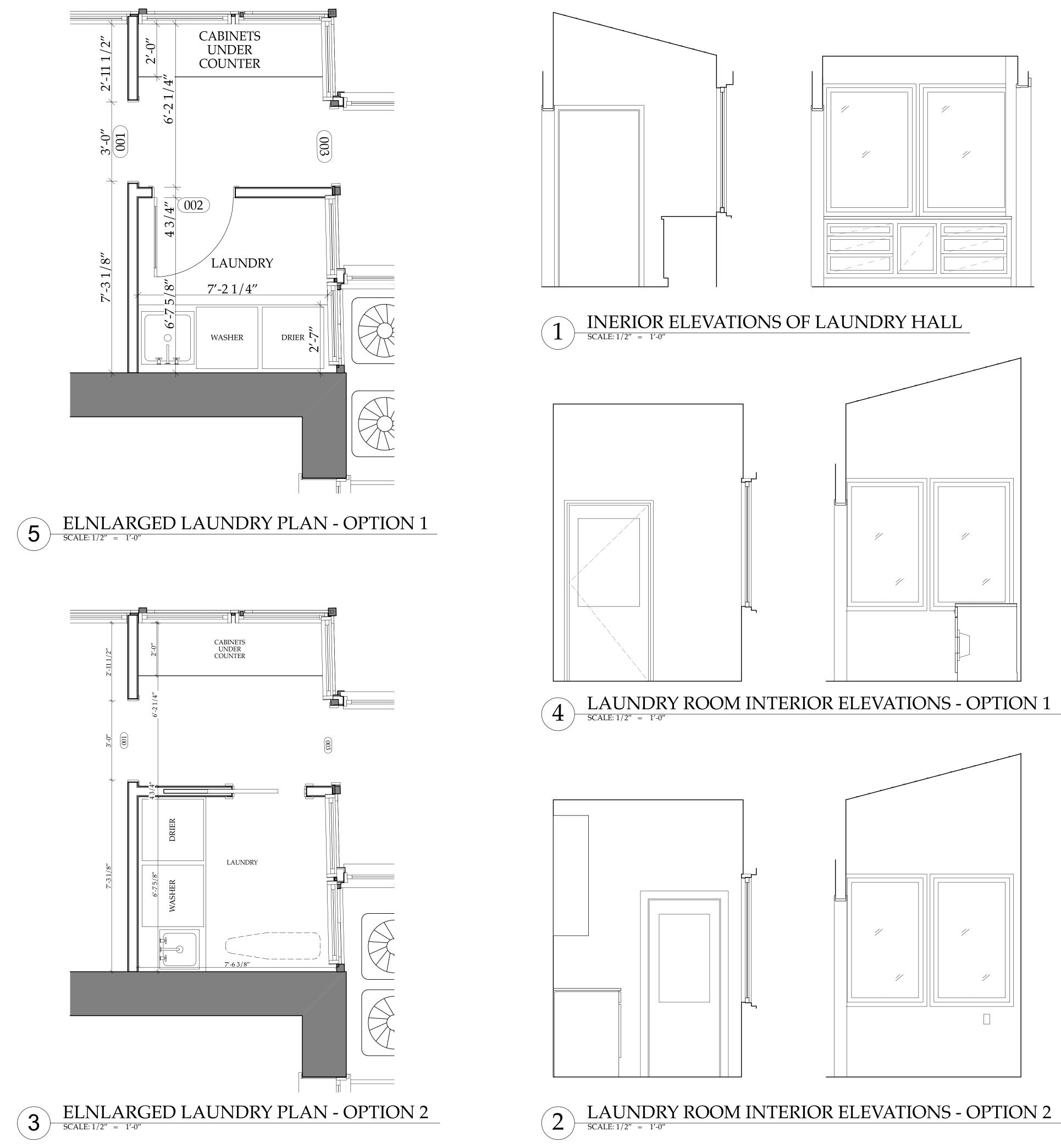


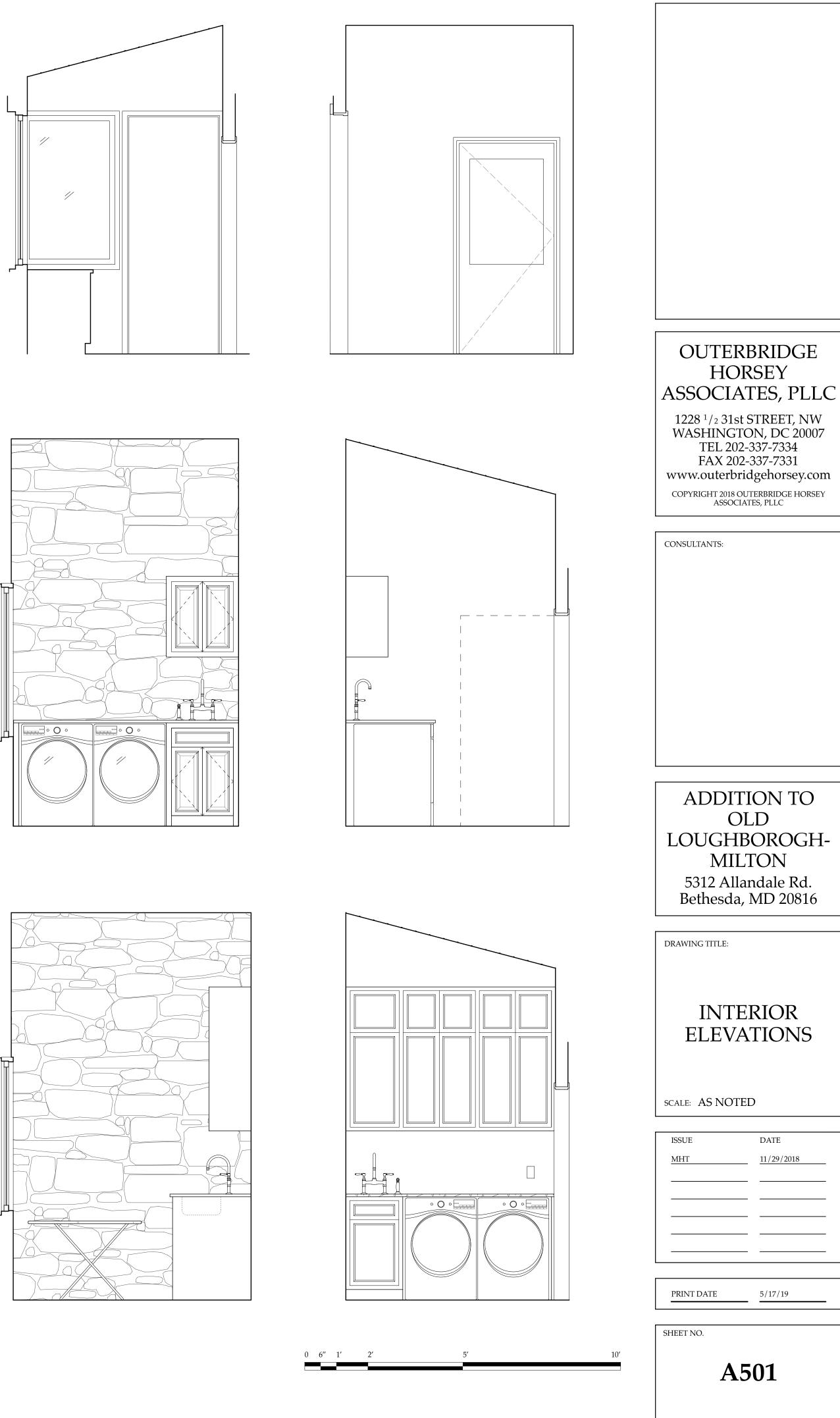


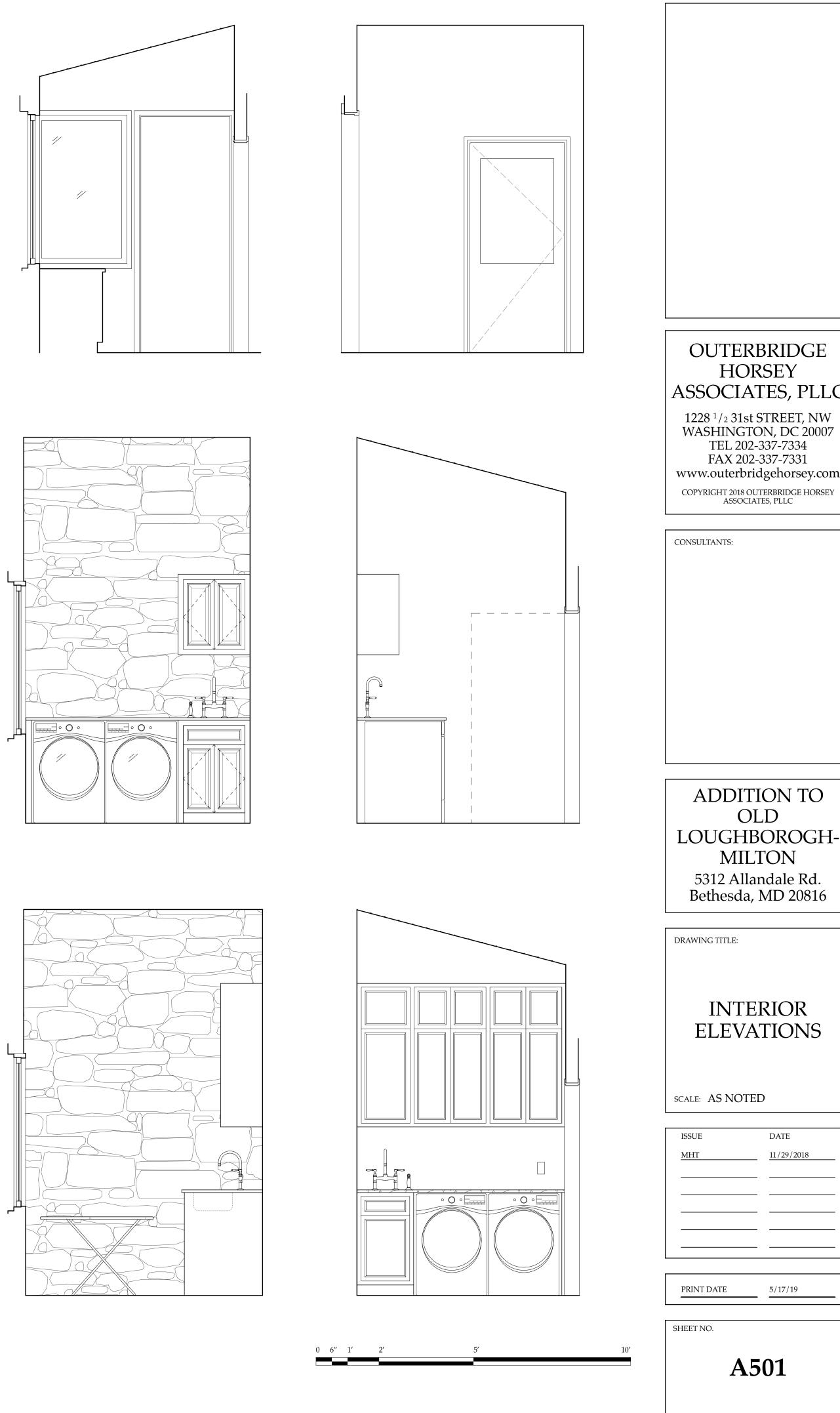
EAST

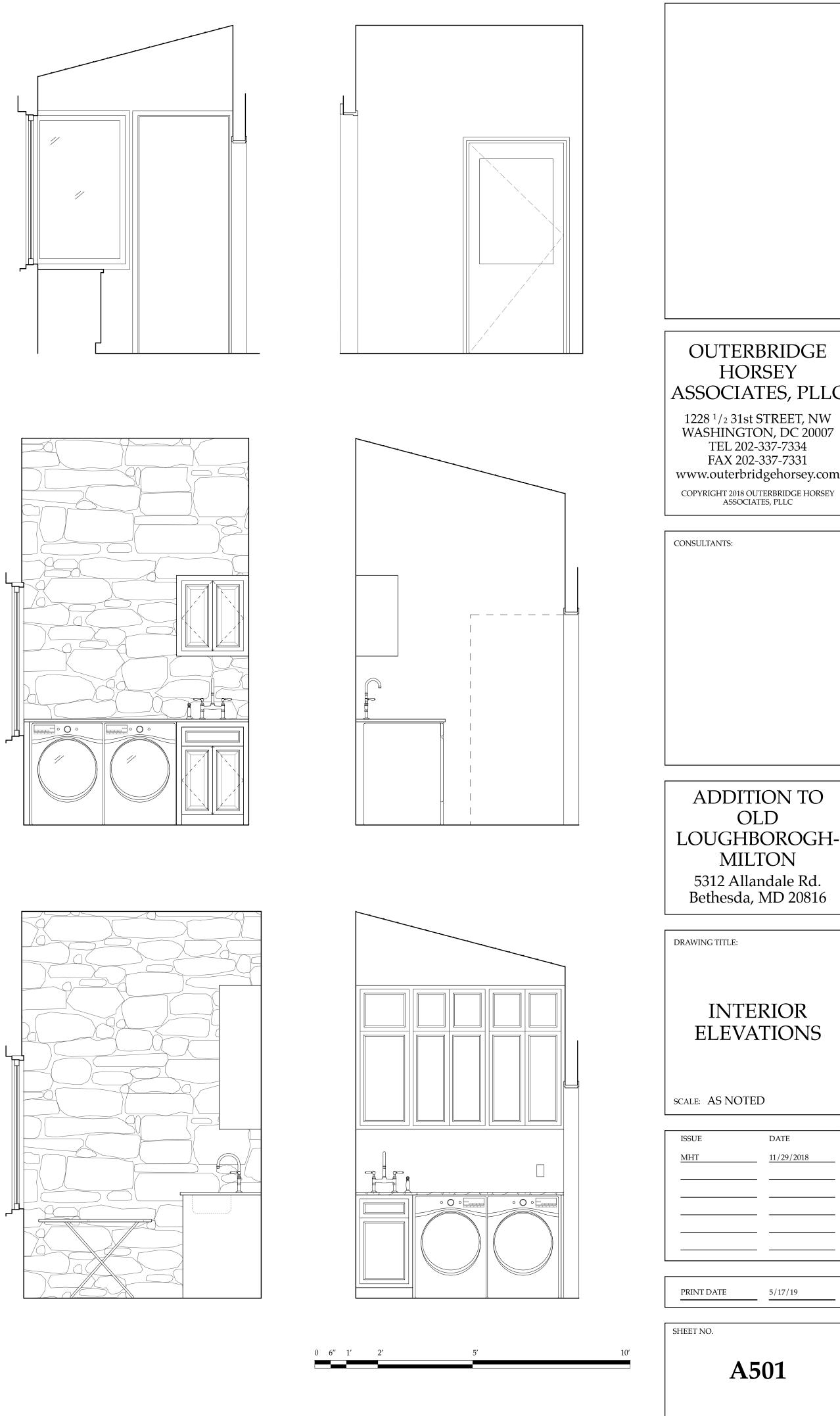


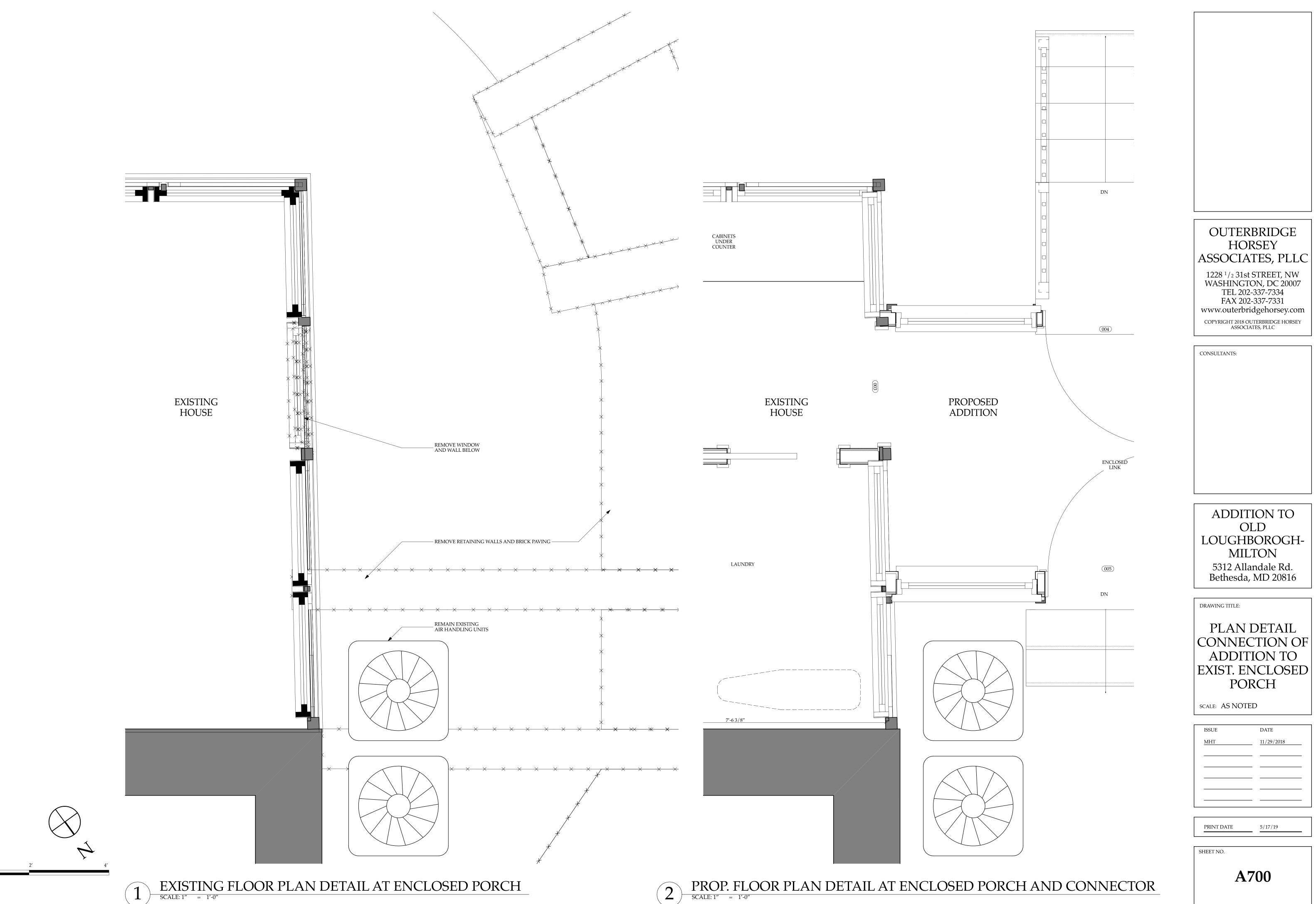
A500





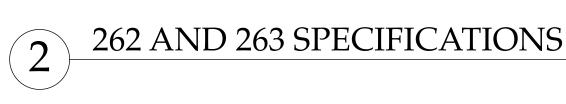






\sum	103-C SPECIFICATIONS
Г	

04085-3



SECTION 04085

MASONRY ANCHORS AND ACCESSORIES

NOTE: Delete references from the list below that are not actually

A. ASCE/ACI 530.1 - Specifications for Masonry Structures;

Coating (Hot-Dip) on Iron and Steel Hardware; 1998.

Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and

Resisting Chromium and Chromium-Nickel Stainless Steel

Plate, Sheet, and Strip for Pressure Vessels; 1998b.

E. ASTM A 276 - Standard Specification for Stainless Steel

F. ASTM A 479/A 479M - Standard Specification for Stainless

and Heat-Resisting Steel Bars and Shapes for Use in

04085-1

G. ASTM A 580/A 580M - Standard Specification for Stainless

Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated

Electrodepositied Coatings of Zinc on Iron and Steel;

H. ASTM A 653/A 653M - Standard Specification for Steel

(Galvannealed) by the Hot-Dip Process; 1998.

B. Product Data: Manufacturer's data on each type of

A. Acceptable Manufacturer: Heckmann Building Products Inc., 1501 N. 31st Avenue, Melrose Park, IL 60160

Anchors to Stud Backup Screw-on anchor straps or plates

allowing vertical movement of tie; minimum of 2 screws:

Anchors to Structural Steel - weld on anchor straps

3/16 inch 94.76 mm) diameter x [width] x [length].

04085 - 2

NO. 263 DOUBLE PINTLE WIRE TIE, 3/16 inch (4.76 mm)

1. Stainless Steel: Type 304. A. Sheet Metal: ASTM A 167 or ASTM A 240/A 240M.

Mill Galvanized Steel:
 A. Sheet Metal: ASTM A 653/A 653M, G60 coating.

A. Install as specified in applicable masonry section(s).

END OF SECTION

C. Bars: ASTM A 479/A 479M, annealed and ground

2. Hot-Dip Galvanized Steel: Hot-dip galvanized after fabrication in accordance with ASTM A 153/A 153M,

D. Plates, Bars, and Shapes: ASTM A 167 or ASTM A 276.

B. Wire: ASTM A 641, regular coating; minimum 3/16 inch

800-621-4140 or 708-865-2403 FAX: 708-865-2640

NOTE: Delete paragraph below; coordinate with Division 1

B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

A. Provide anchoring systems that comply with ACI

allowing vertical movement of ties:

I. ASTM B 633 - Standard Specification for

A. Submit under provisions of Section 01300.

Email: info@heckmannanchors.com

Website: <u>www.heckmannanchors.com</u>

C. Substitutions: Not permitted.

530.1/ASCE 6/TMS 602.

Anchors in Block Backup:

Anchors in Brick Veneer:

No. 262 DOUBLE EYE ROD ANCHOR

diameter x [width] x [length]

B. Wire: ASTM A 580/A 580M.

(4.76 mm) diameter.

Class B-2.

B. Masonry Anchors:

ISSUE DATE 08/31/99

ISSUE DATE 08/31/99

Boilers and Other Pressure Vessels; 1997a.

C. ASTM A 167 - Standard Specification for Stainless and

D. ASTM A 240/A 240M - Standard Specification for Heat-

B. ASTM A 153/A 153M - Standard Specification for Zinc

required by the text of the edited section.

NOTE: Delete items below not required for project.

A. Section 04810 - Unit Masonry Assemblies.

A. Masonry veneer anchors and ties.

B. Section 04851 - Cut Stone Veneer.

C. Section 04852 - Stone Masonry Veneer.

B. Stone veneer anchors and ties.

C. Masonry accessories.

Strip; 1996.

Bars and Shapes; 1998b.

Steel Wire; 1998.

(Reapproved 1994).

product furnished.

1.4 SUBMITTALS

PART 2 PRODUCTS

2.1 MANUFACTURERS

requirements.

2.3 MATERIALS

A. Steel Types

PART 3 EXECUTION 3.1 INSTALLATION

2 2 APPLICATIONS

PART 1 GENERAL

1.1 SECTION INCLUDES

1.2 RELATED SECTIONS

1.3 REFERENCES

04085-3 ISSUE DATE 08/31/99

ISSUE DATE 08/31/99

A. Install as specified in applicable masonry section(s). END OF SECTION

- 3.1 INSTALLATION
- PART 3 EXECUTION
- Sheet Metal: ASTM A 653/A 653M, G60 coating. B. Wire: ASTM A 641, regular coating; minimum 3/16 inch (4.76 mm) diameter.
- fabrication in accordance with ASTM A 153/A 153M, Class B-2. 3. Mill Galvanized Steel:
- C. Bars: ASTM A 479/A 479M, annealed and ground. D. Plates, Bars, and Shapes: ASTM A 167 or ASTM A 276. 2. Hot-Dip Galvanized Steel: Hot-dip galvanized after
- Stainless Steel: Type 304.
 A. Sheet Metal: ASTM A 167 or ASTM A 240/A 240M. B. Wire: ASTM A 580/A 580M.
- 04085-2

ISSUE DATE 08/31/99

- A. Steel Types
- 2.3 MATERIALS
- B. One Piece Anchors 4. 103-C DOVETAIL TRIANGULAR VENEER ANCHOR 12 gage clip with 5/16 inch diameter hole factory assembles to a Triangle wire tie 3/16" diameter x [triangle tie length]
- 2.2 APPLICATIONS A. Provide anchoring systems that comply with ACI 530.1/ASCE 6/TMS 602.
- C. Substitutions: Not permitted.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

********* NOTE: Delete paragraph below; coordinate with Division 1 requirements.

- Email: info@heckmannanchors.com Website: www.heckmannanchors.com.
- A. Acceptable Manufacturer: Heckmann Building Products Inc., 1501 N. 31st Avenue, Melrose Park, IL 60160 800-621-4140 or 708-865-2403 FAX: 708-865-2640
- PART 2 PRODUCTS 2.1 MANUFACTURERS
- B. Product Data: Manufacturer's data on each type of product furnished.
- A. Submit under provisions of Section 01300.
- 1.4 SUBMITTALS
- (Reapproved 1994).
- Electrodepositied Coatings of Zinc on Iron and Steel;
- I. ASTM B 633 Standard Specification for
- Steel Wire; 1998. H. ASTM A 653/A 653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 1998.
- 04085-1 ISSUE DATE 08/31/99
- F. ASTM A 479/A 479M Standard Specification for Stainless and Heat-Resisting Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels; 1997a. G. ASTM A 580/A 580M - Standard Specification for Stainless
- Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels; 1998b. E. ASTM A 276 - Standard Specification for Stainless Steel Bars and Shapes; 1998b.
- Strip; 1996. D. ASTM A 240/A 240M - Standard Specification for Heat-
- C. ASTM A 167 Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and
- Coating (Hot-Dip) on Iron and Steel Hardware; 1998.
- Structures;2005 B. ASTM A 153/A 153M - Standard Specification for Zinc
- A. ASCE/ACI 530-05 Specifications for Masonry

- * * * * * * * * * * * * * * * * * * *
- NOTE: Delete references from the list below that are not actually required by the text of the edited section.
- 1.3 REFERENCES
- B. Section 04851 Cut Stone Veneer. C. Section 04852 - Stone Masonry Veneer.
- A. Section 04810 Unit Masonry Assemblies.
- 1.2 RELATED SECTIONS
- C. Masonry accessories
- B. Stone veneer anchors and ties.

PART 1 GENERAL

1.1 SECTION INCLUDES

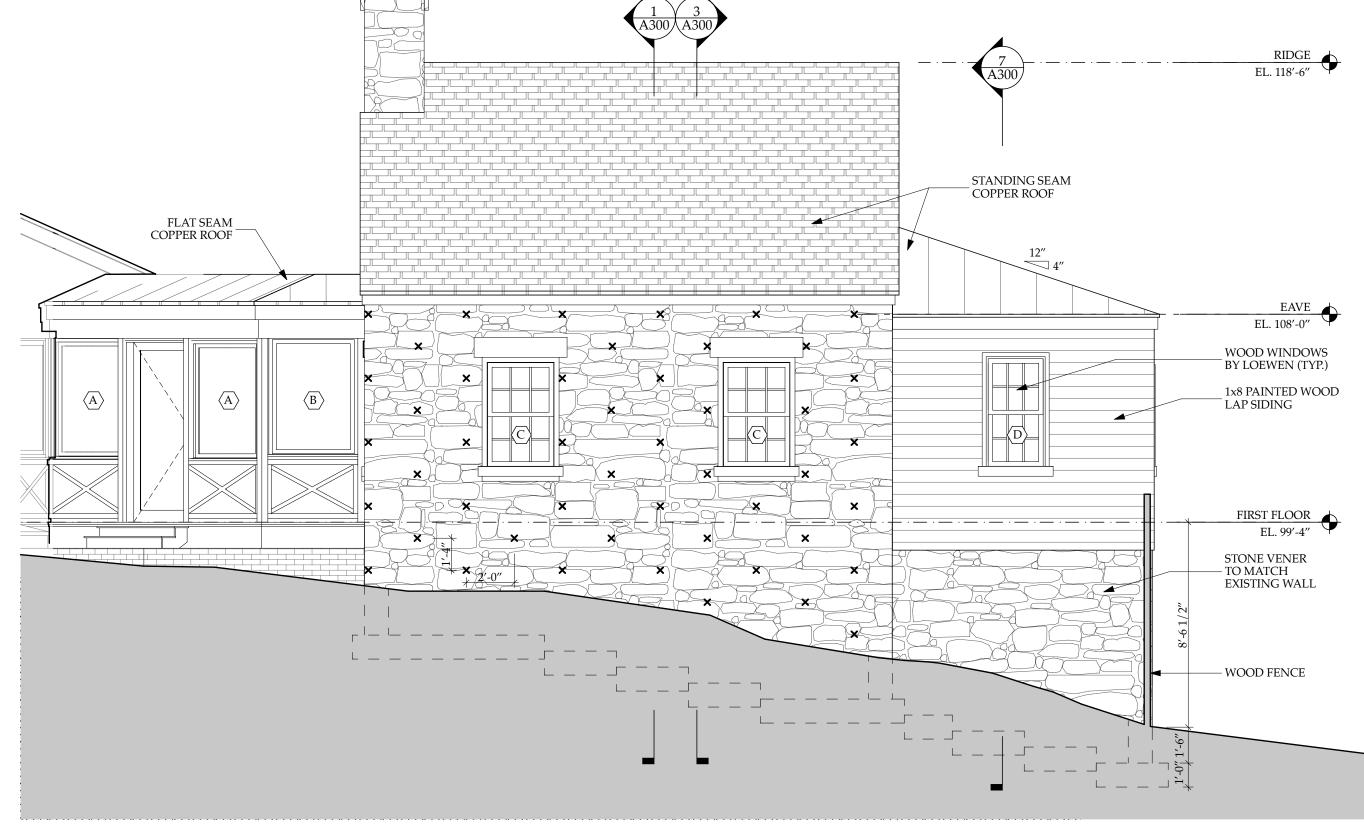
- A. Masonry veneer anchors and ties.

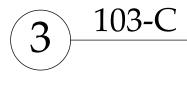
- NOTE: Delete items below not required for project.

SECTION 04085

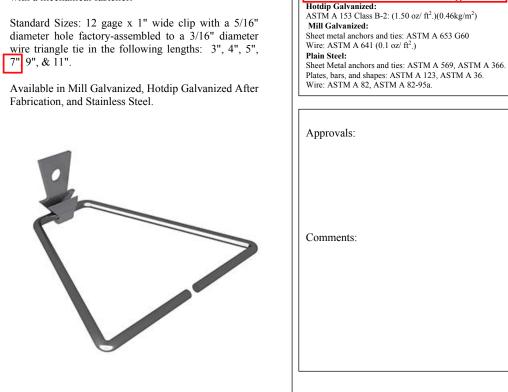
MASONRY ANCHORS AND ACCESSORIES

PROPOSED ADDITION W/ STONE VENEER ANCHOR SPACING 5 SCALE: 1/4'' = 1'-0''





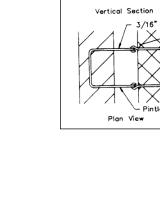




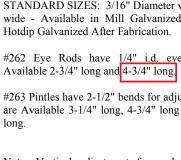
Stainless Steel:

et metal anchors and ties: ASTM A 167 AISI Type

Plate and bent bar anchors: ASTM A 666 AISI Type 304. Wire ties and anchors: ASTM A 580 AISI Type 304.



4



 $\overrightarrow{}$

H

(PINTLE)



SUBMITTAL SHEET:

VENEER ANCHOR

with a mechanical fastener.

Fabrication, and Stainless Steel.

#103-C DOVETAIL TRIANGULAR

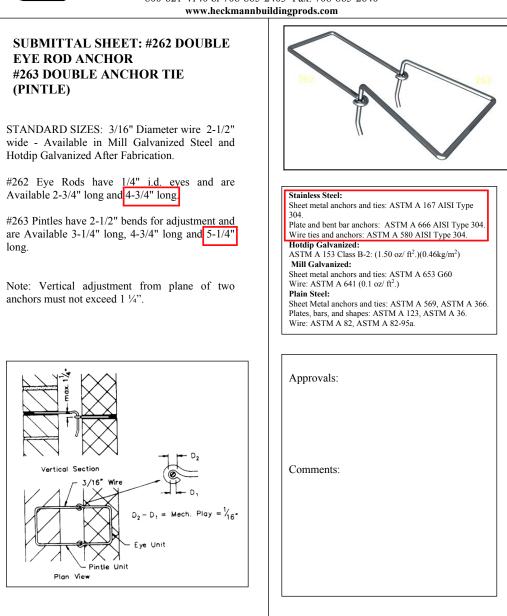
Used for attaching brick veneer to an existing wall

Heckmann Building Products Inc. 1501 N. 31st Avenue

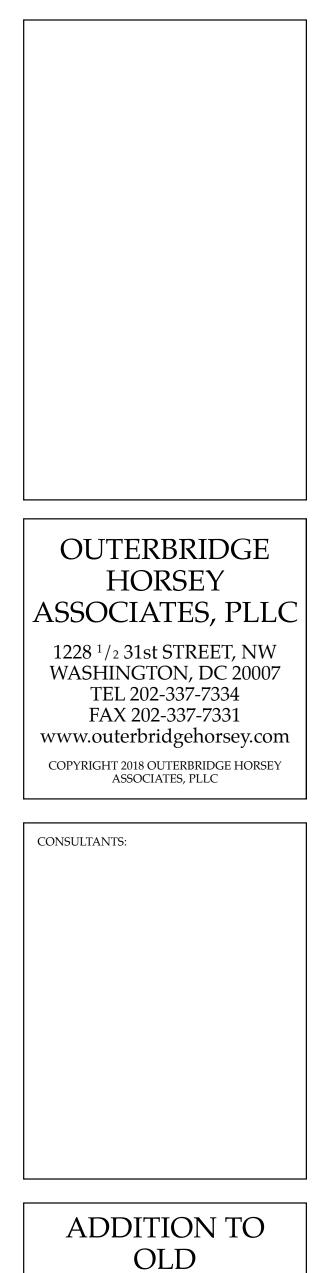
Melrose Park, IL 60160-2911 800-621-4140 or 708-865-2403 Fax: 708-865-2640 www.heckmannbuildingprods.com

Heckmann Building Products Inc.

1501 N. 31st Avenue Melrose Park, IL 60160-2911 800-621-4140 or 708-865-2403 Fax: 708-865-2640



262 AND 263



ADDITION TO	
OLD	
LOUGHBOROGH	-
MILTON	
5312 Allandale Rd.	
Bethesda, MD 20816	

DRAWING TITLE:

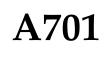
STONE FASTENER **DETAILS AND SPECS**

SCALE: AS NOTED

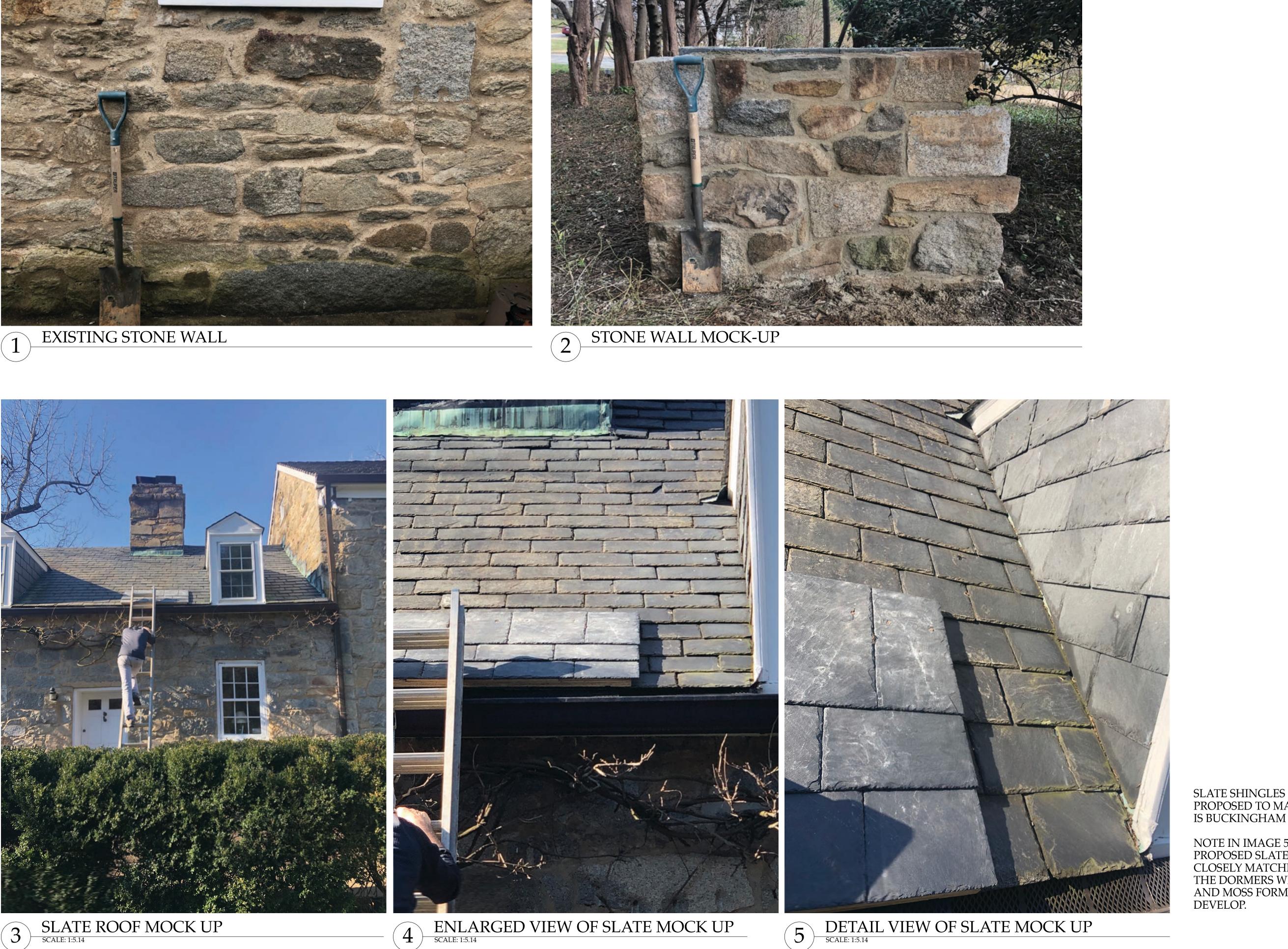
ISSUE	DATE
MHT	11/29/2018

PRINT DATE 5/17/19

SHEET NO.









3 SLATE ROOF MOCK UP SCALE: 1:5.14



4 ENLARGED VIEW OF SLATE MOCK UP SCALE: 1:5.14

SLATE SHINGLES USED PROPOSED TO MATCH EXISTING IS BUCKINGHAM SLATE.

NOTE IN IMAGE 5 THAT THE PROPOSED SLATE VERY CLOSELY MATCHES THE SIDE OF THE DORMERS WHERE ALGEA AND MOSS FORM DO NOT

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CONSULTANTS:

ADDITION TO OLD LOUGHBOROGH-MILTON 5312 Allandale Rd. Bethesda, MD 20816

DRAWING TITLE:

MATERIALS INFORMATION/ MOCK UPS: STONE AND SLATE

SCALE: AS NOTED

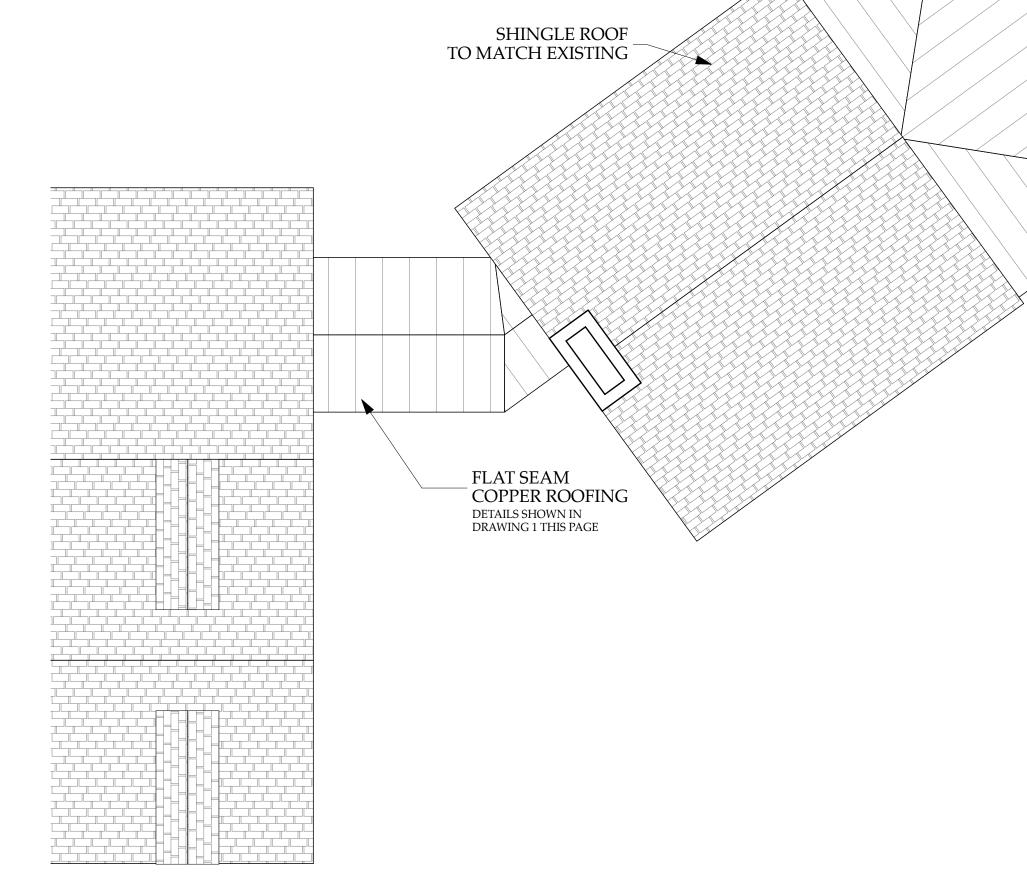
ISSUE	DATE
MHT	11/29/2018

PRINT DATE 3/19/19

SHEET NO.

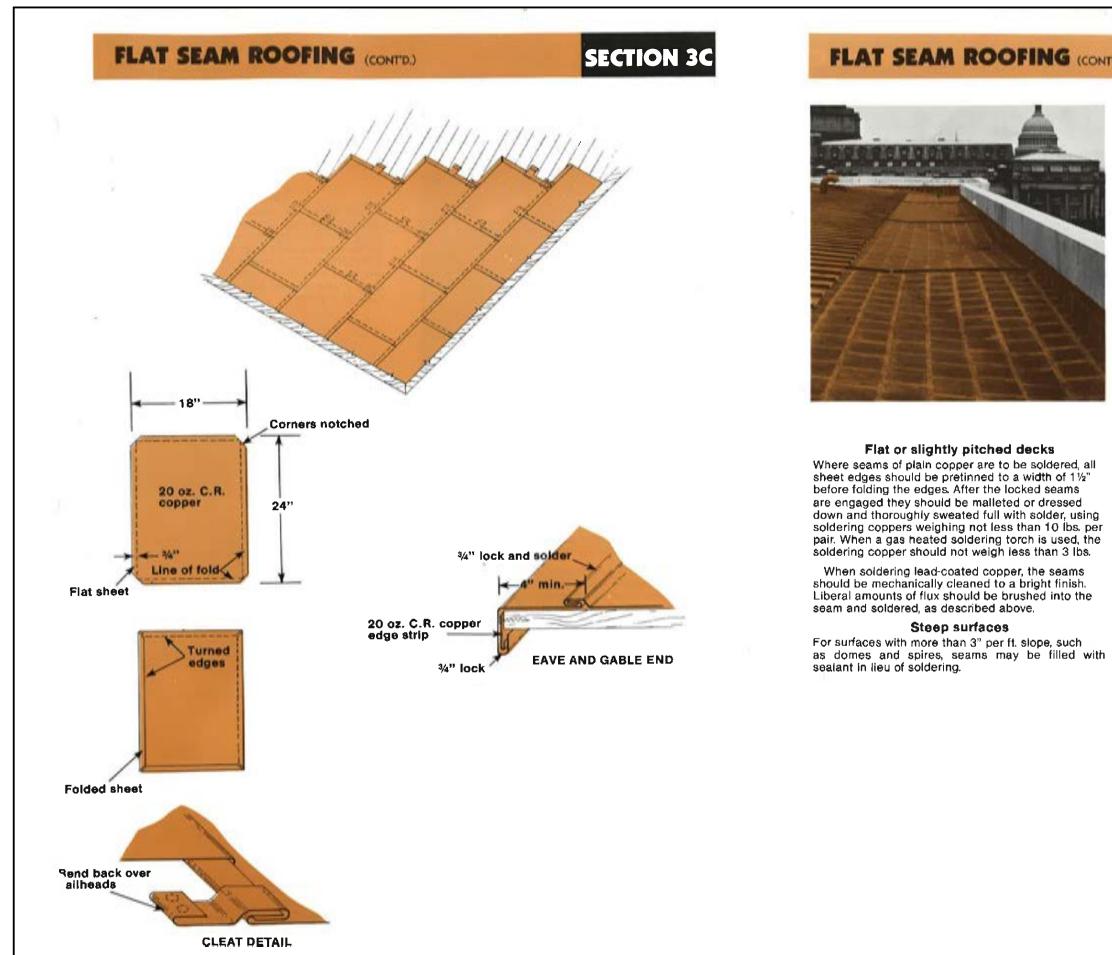
A1000



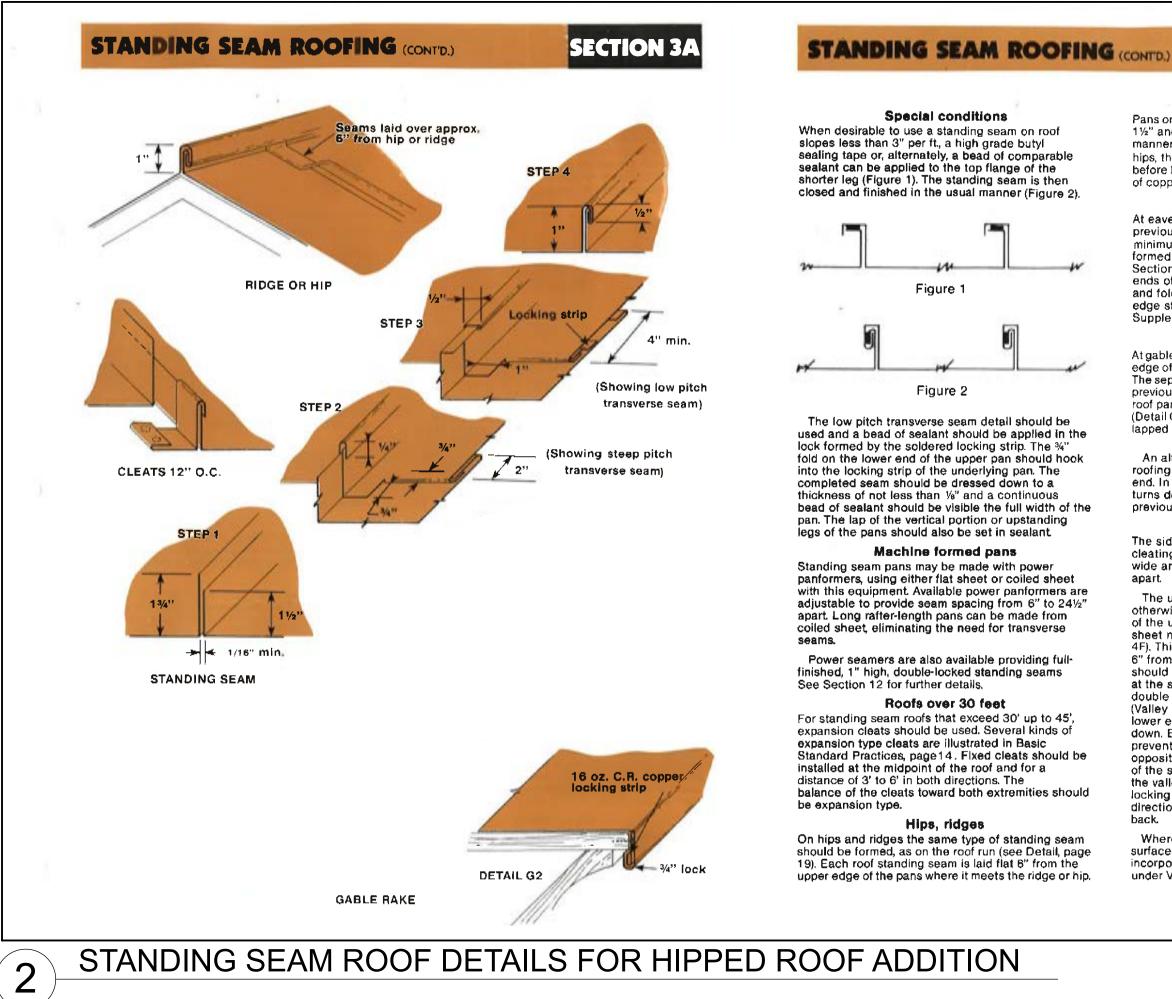


STANDING SEAM COPPER ROOFING

16 OZ. COPPER PER DETAILS SHOWN IN DRAWING 2 THIS PAGE



FLAT SEAMED COPPER ROOF DETAILS ON LOW PITCHED LINK



FLAT SEAM ROOFING (CONT'D.)

SECTION 3C

Vertical walls

When flat seam roofing abuts a vertical wall it is locked and soldered into a 20 oz. cold rolled copper base flashing, as shown. The copper base flashing extends up the wall 8" and is counter flashed at least

Eaves and rakes

At both eaves and rakes narrow sheets of 20 oz. cold rolled copper, of standard lengths, are placed along the roof edge. The lower edge of these sheets hooks over the edge strip; the upper edge is locked and soldered to the typical roof sheets. Edge strips are made from 20 oz. cold rolled copper, lapped at least 1" and secured with copper or bronze hails, spaced 3" apart.



SECTION 3A

Pans on opposite sides of the ridge or hip are turned up 11/2" and 13/4" to form a standing seam in the usual manner. To achieve continuity of seams at ridge and hips, the seams from different roofs must be notched before laying over to reduce the number of thicknesses of copper.

Eaves At eaves, the end of each pan is hooked over a previously placed edge strip and secured with a minimum 3/4" loose lock. The edge strip may be formed as shown in Supplementary Roofing Details, Section 3F, or may take another required form. The ends of the standing seams at the eaves may be cut and folded back or turned down and locked to the edge strip. Connections to gutters are shown in Supplementary Roofing Details, Section 3F. Gable rakes

At gables the standing seam is formed by turning up the edge of the last pan $1\frac{1}{2}$ " flush with the edge of the roof. The separate rake strip locks 34" at its lower edge over a previously placed edge strip. This rake is secured to the roof pan at its upper edge with the standing seam lock (Detail G1). The adjacent lengths of rake strip are lapped at least 3" in the direction of flow.

An alternate method of finishing the copper roofing at the gable omits the standing seam at the end. In this method the outer edge of the roof pan turns down the gable end and locks over a previously placed strip (Detail G2).

Valleys The sides of each valley sheet are folded 1/2" for cleating. Into these folded edges copper cleats 2" wide are applied and spaced not more than 18"

The upper edge of each valley sheet is nailed or otherwise secured to the roof deck. The lower edge of the upper valley sheet is lapped over the lower sheet not less than 6" (see Valley Flashing Section 4F). This lap should not be soldered. At a distance of 6" from the side edge a continuous locking strip should be soldered to the valley sheet. Alternately, at the same distance in from the side edge, a double fold may be formed in the valley sheet (Valley Detail). Over this strip, or into the fold, the lower edge of each roof pan is hooked and dressed down. Either method of side edge construction prevents water from forcing its way past the opposite side of the valley flashing. Where the ends of the standing seam hook into the fold formed in the valley sheet or into the separately applied locking strip, these ends are turned down in the direction of flow, or they may be cut and folded

Where roofs are of different slopes or of unequal surface area, a 1" high inverted "V" member may be incorporated in the center of the valley, as shown under Valley Flashing Section 4F.

back.

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CONSULTANTS:

ADDITION TO OLD LOUGHBOROGH-MILTON 5312 Allandale Rd. Bethesda, MD 20816

DRAWING TITLE:

MATERIALS DATA/DETAILS: COPPER ROOFS

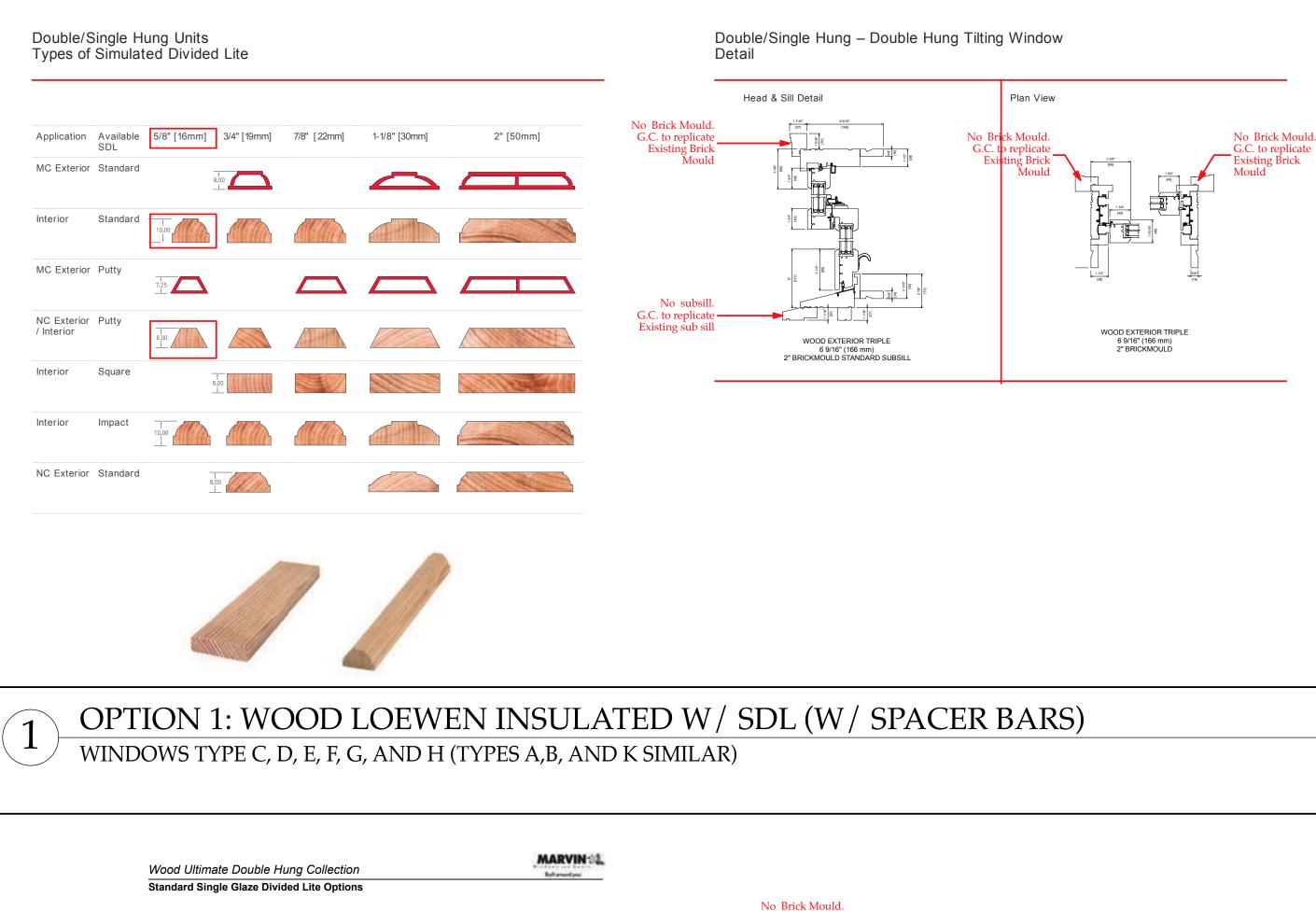
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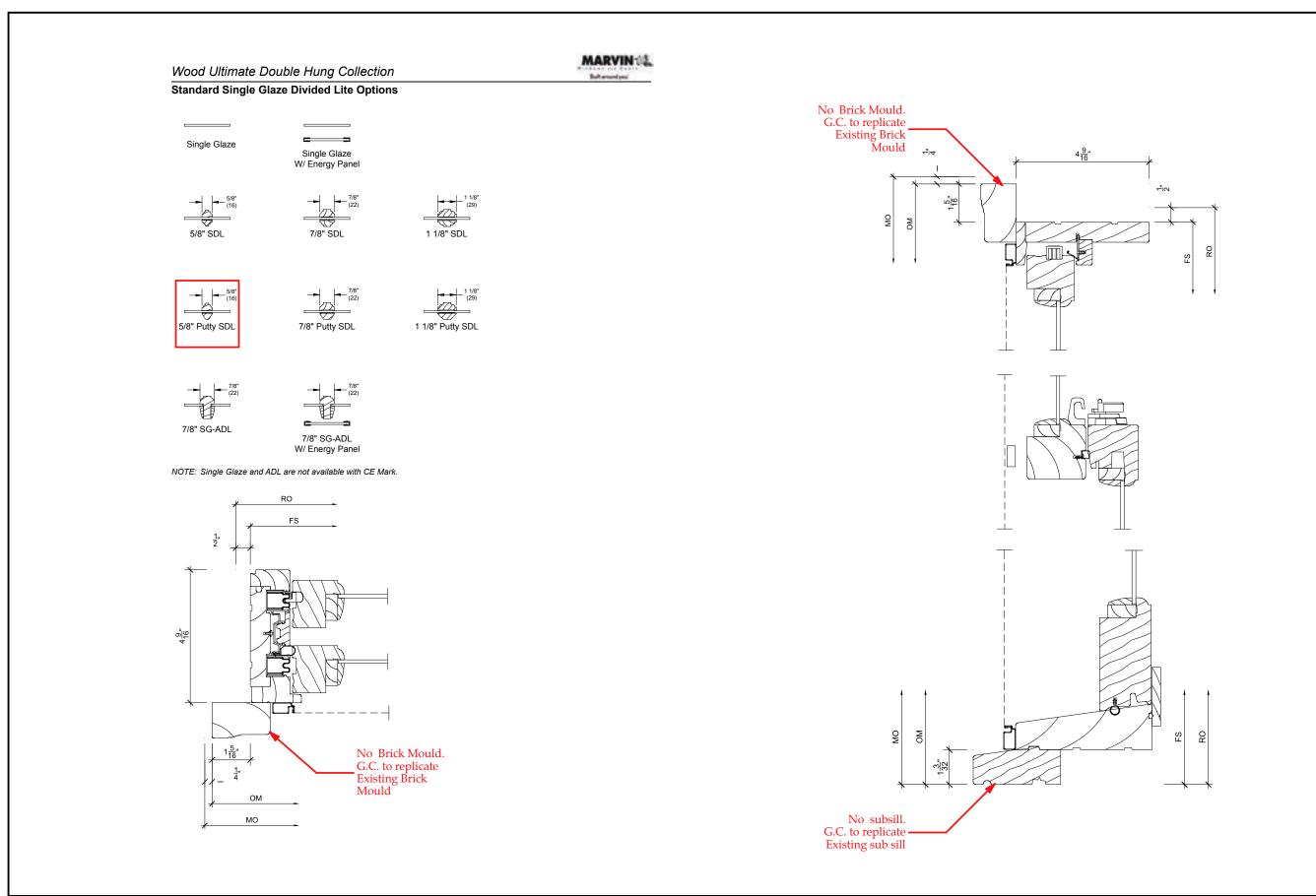
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PRINT DATE 3/19/19

SHEET NO.

A1001

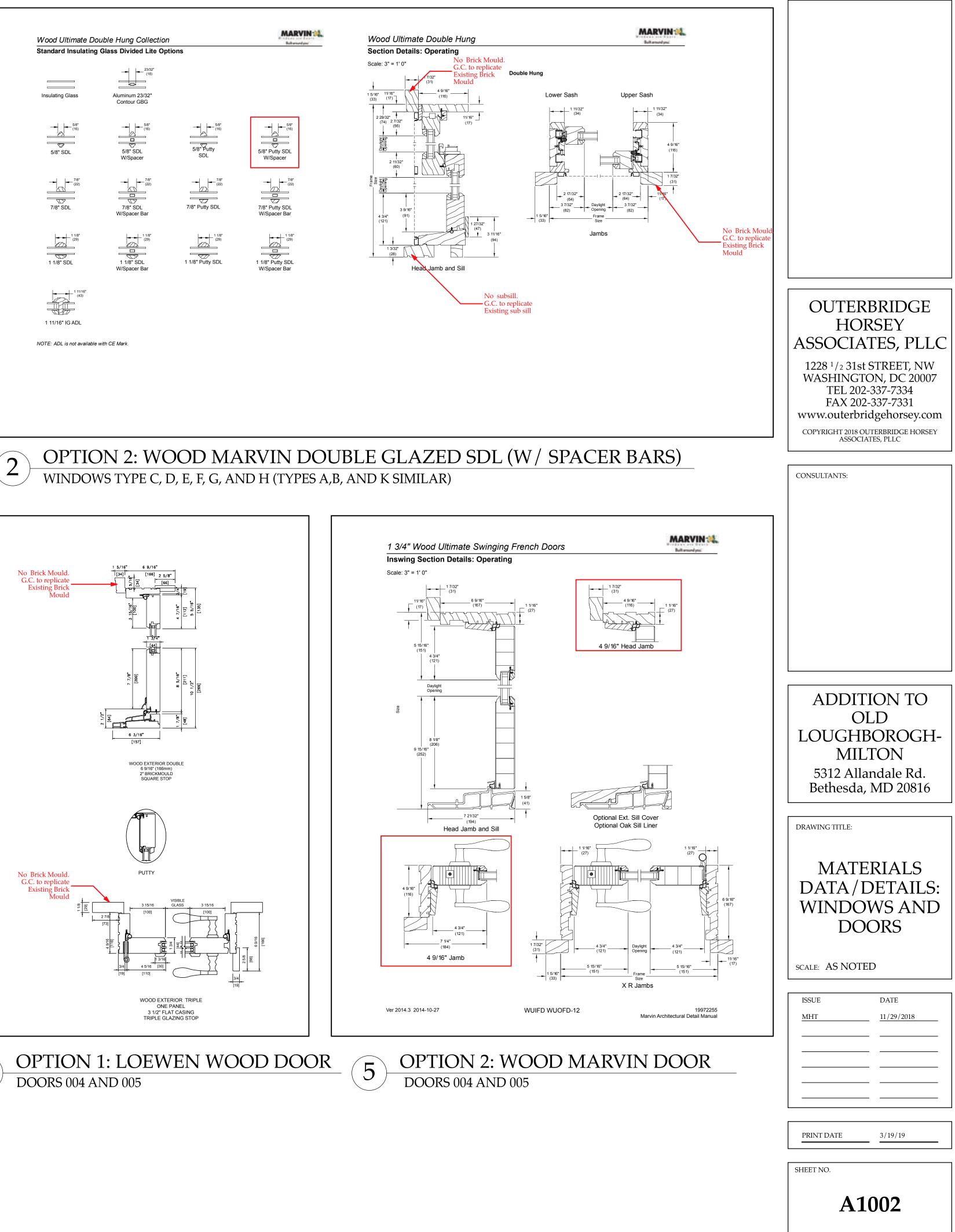


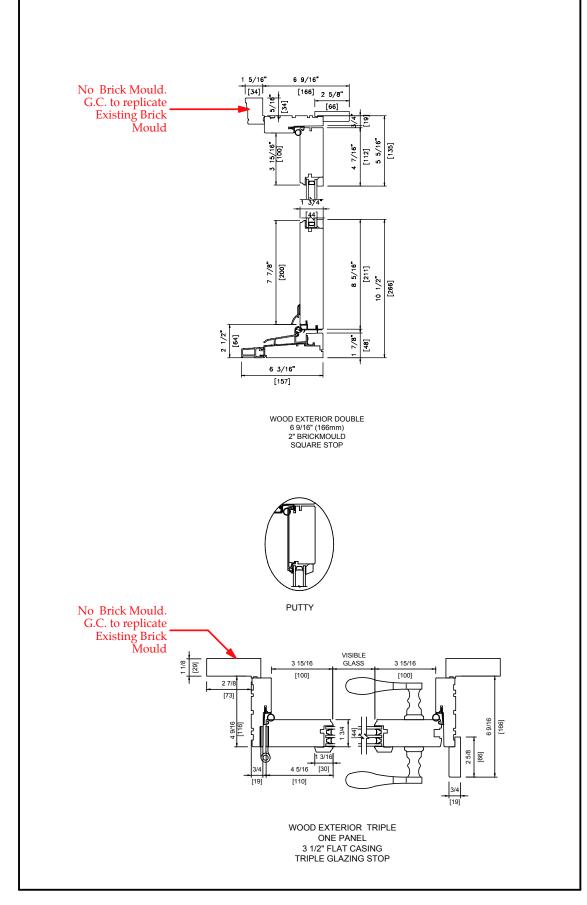


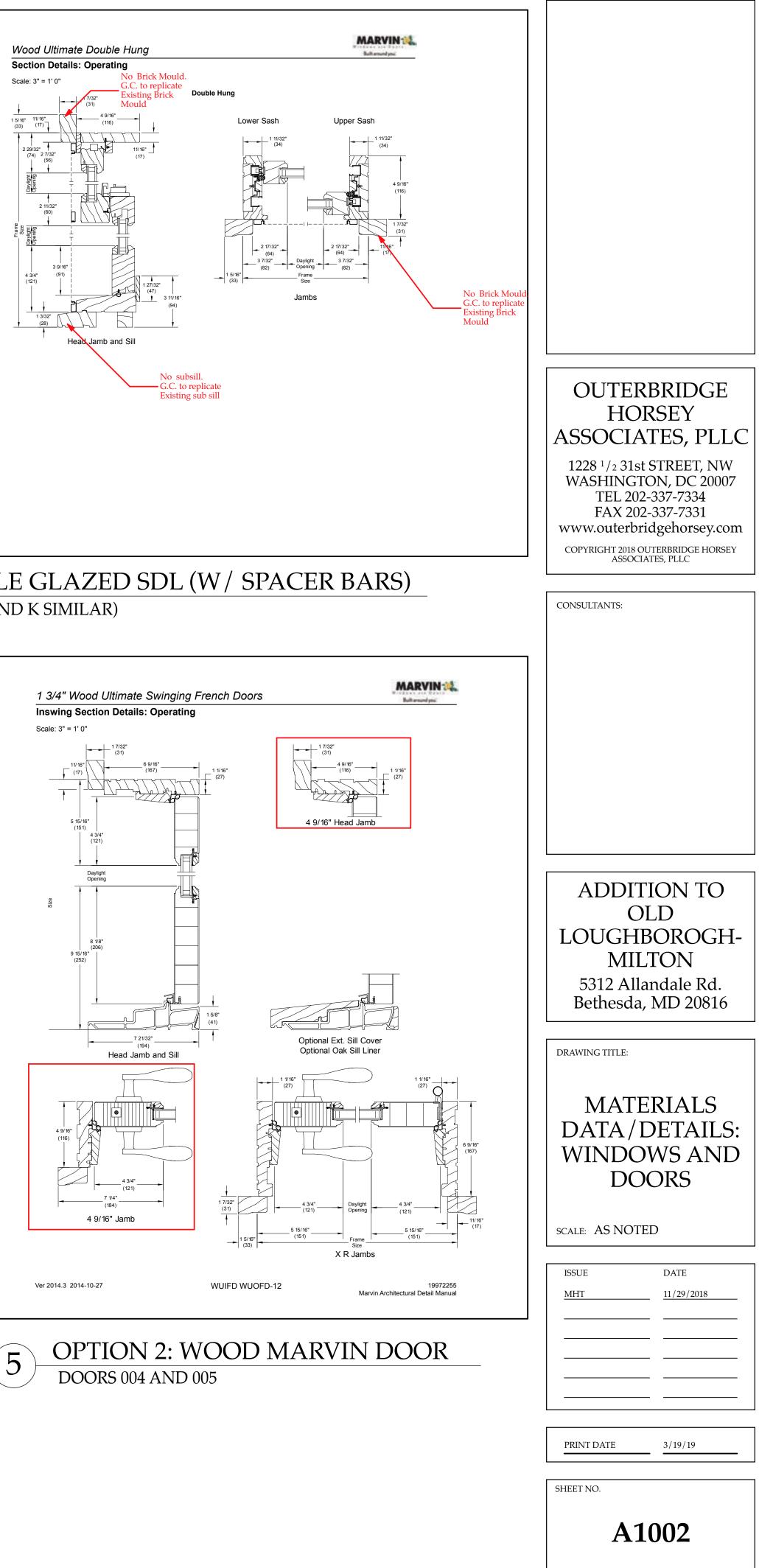
OPTION 3: WOOD MARVIN SINGLE GLAZED TRUE DIVIDED LIGHTS WINDOWS TYPE C, D, E, F, G, AND H (TYPES A, B, AND K SIMILAR)

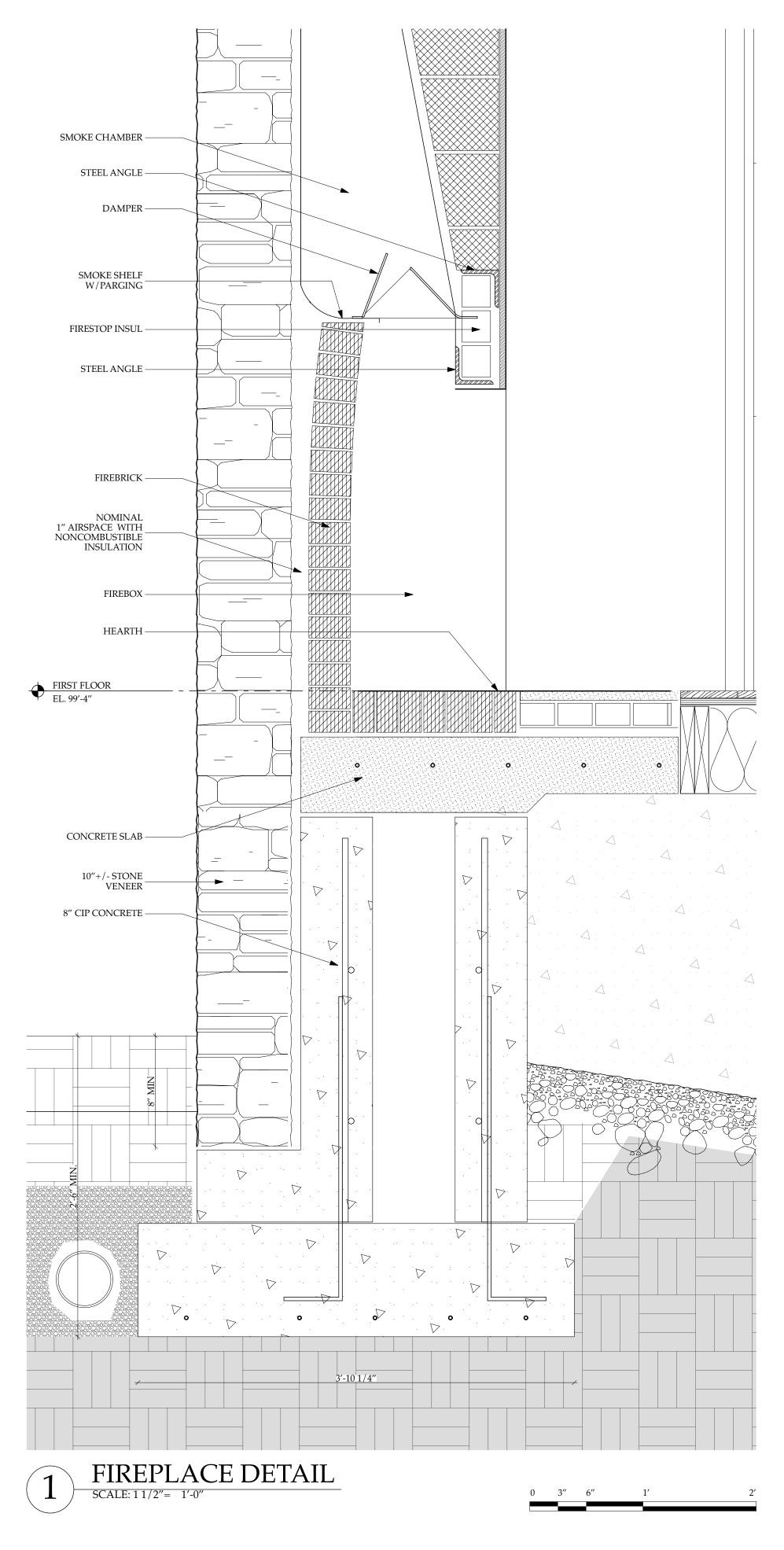
THE OPTIONS PRESENTED ARE FOR ALL NEW DOUBLE AND TRIPLE HUNG WINDOWS. FIXED WINDOWS TO MATCH THE SAME EDGE SASH FRAME PROFILES AND MUNTIN PROFILES WHERE APPLICABLE

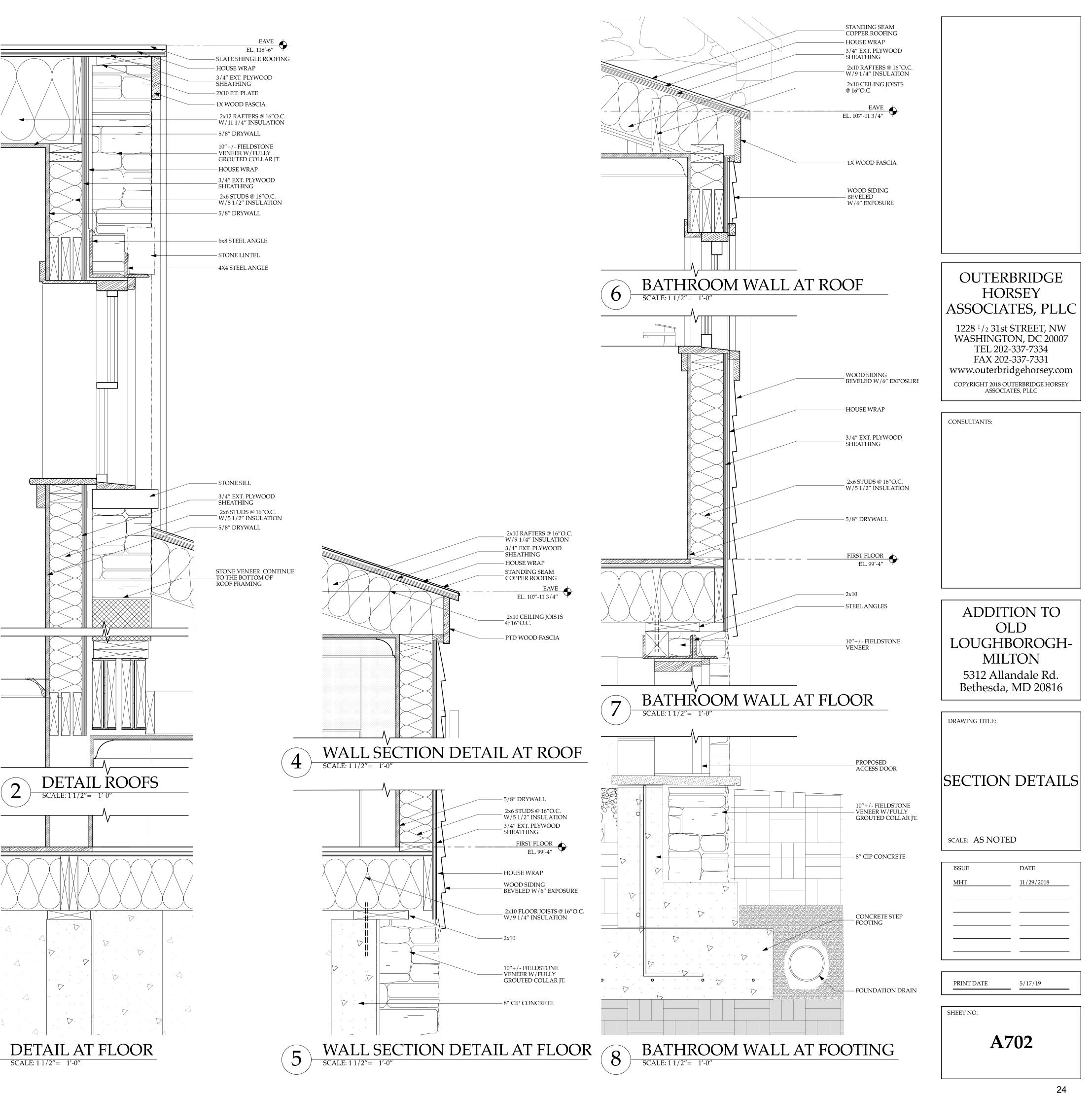
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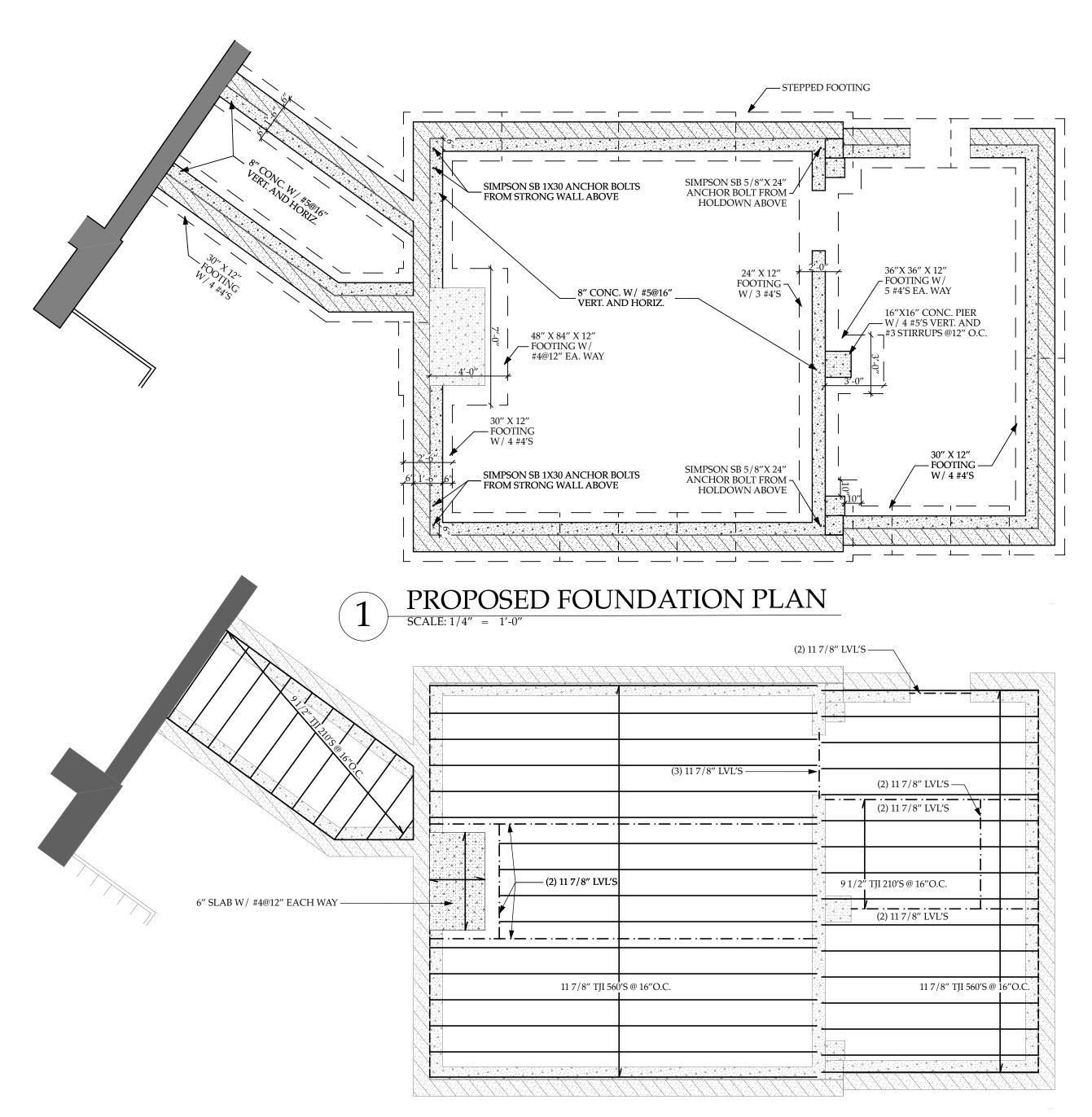












GEN	IERAL NOTES				20.	Posts suppo
					21.	All truss and
1.	Design loads:	Roof:	30 psf (snow)	22.	Appropriatel
		Dead:	10 psf ((u.n.o.)	23.	Masonry mo
		Floors:	40 psf	Living areas	24.	Concrete blo
			30 psf	Sleeping areas	25.	Brick manufa
		Basic Wind Spe	ed: 90mph, 3 sec gi	ust	26.	Wood exterio
		Seismic Design:	Category	В	27.	Prefabricate
2.	Design Codes: IRC	2012. IBC 2012 w/ DC	CMR 12-2013 , ASCE	E/SEI 7-10 where applicable.		truss layout
3.	Assumed allowable	soil bearing pressure:	1500 psf			order is due.
4.	Assumed equivalen	t fluid pressure of soil:	45 psf/ft		28.	All sheathing
5.	All footings to bear	on undisturbed soil and	l a minimum of 30 in	ches below finished grade.		a. Roofs
6.	Interior use lumber	to be No.2 SPF with fb	= 875 psi and E = 1,	,300,000 psi		b. Walls:
7.	Exterior use lumber	to be No.2 SP with f_b =	= 1,500 psi and E = 1	,600,000 psi and preservative treated in accordance with		c. Floors
	AWPA Standard U1				29.	The use of a
8.	Concrete to be 300) psi hard rock at 28 da	iys.		30.	Masonry gro
9.	Reinforcing steel to	be ASTM A615 Grade	60 and placed in acc	cordance with ACI Code.	31.	Tubular stee
10.	Structural steel to b	e ASTM A36 fabricated	in accordance with	AISC Standards supplied and installed with one coat of red-	32.	All floor joist
	oxide primer.				33.	Bolts for ledg
11.	Contractor to provid	le fabrication and erection	ion drawings for stru	ctural steel. Allow two weeks for review.		AC-100+ Go
12.	Welding of structura	al steel to be performed	by AWS certified pe	rsonnel in accordance with AWS D1.1 Code using E70XX rod.		solid back up
13.	All field welds to be	cleaned and painted w	ith red-oxide primer.		34.	Wall bracing
14.	Manufactured lumb	er design values: f _b = 2	2600 psi and E=2,00	00,000 psi		is insufficient
15.	Wolmanized manufa	actured lumber design	values: f _b = 1,800 ps	si and E = 1,460,000 psi under Service level 2.	35.	The design a
16.	All masonry lintels t	o have a minimum bea	ring of 4" on both en	ds. Double angles shall be installed back-to-back unless noted		Temporary s
	otherwise.				36.	Contractor to
17.	Window and door h	eaders to be (3) 2x6's ι	unless noted otherwi	se.		no less than
18.	Joists below non-be	aring partitions that eq	ual or exceed 50% o	of the span shall be doubled.		in the projec

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

2

18. Joists below non-bearing partitions that equal or exceed 50% of the span shall be doubled.

19. Posts supporting sawn lumber beams and headers to be a minimum of (2) 2x4's.

and installation of any temporary shoring of existing structure is the sole responsibility of the contactor. shoring may be required in order to support existing structure laterally as well as vertically. to provide helical pile design calculations and shop drawings (to include method of fastening to new foundation) nan 14 days prior to installation of piles. Design calculations to be stamped by a professional engineer registered in the project jurisdiction. Design and installation of piles to comply with ASCE 20-96 standard guidelines for the design and installation of pile foundations.



porting manufactured lumber beams and headers to be a minimum of (3) 2x4's. nd rafter ends to be secured to tops of walls/beams with hurricane clips (Simpson H2.5A or approved equal).

ely sized joist hangers to be used where joists or rafters frame into beams.

nortar to conform to ASTM C270.

lock manufacture to conform to ASTM C90 with a minimum prism strength of 1500 psi. afacture to conform to ASTM C62.

erior walls to be 2x6's @16" on center.

ted truss manufacture and design to conform to ANSI/TPI 1 and WTCA standards. General contractor to provide t plans and shop drawings to structural engineer for review and approval no less than 2 weeks before truss

ng material to be APA-rated for the spans indicated. Minimum sheathing thicknesses required:

ofs: 19/32" Ils: 15/32"

ors: 23/32" STURD-I-FLOOR

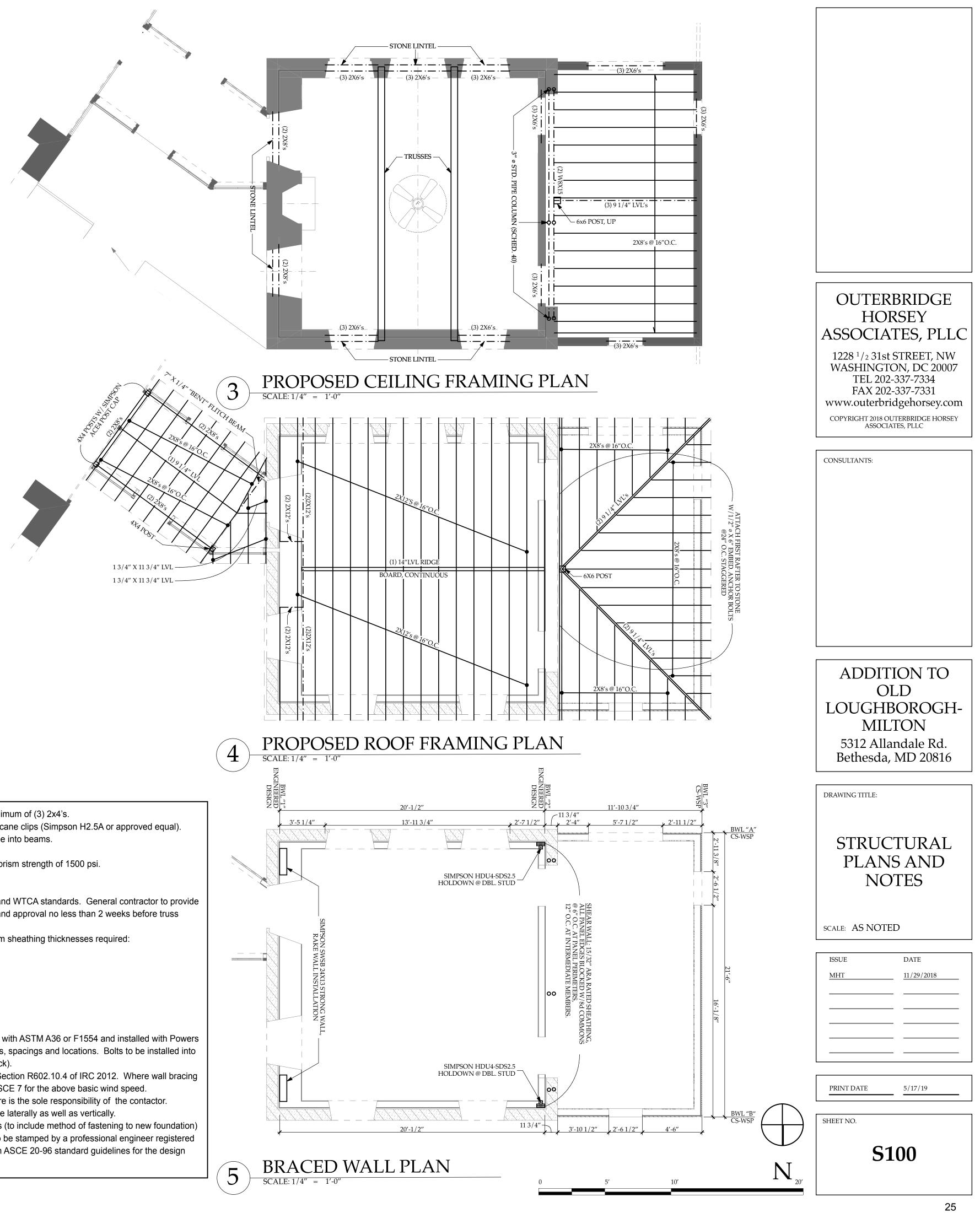
f adjustable, screw-type steel columns is NOT permitted.

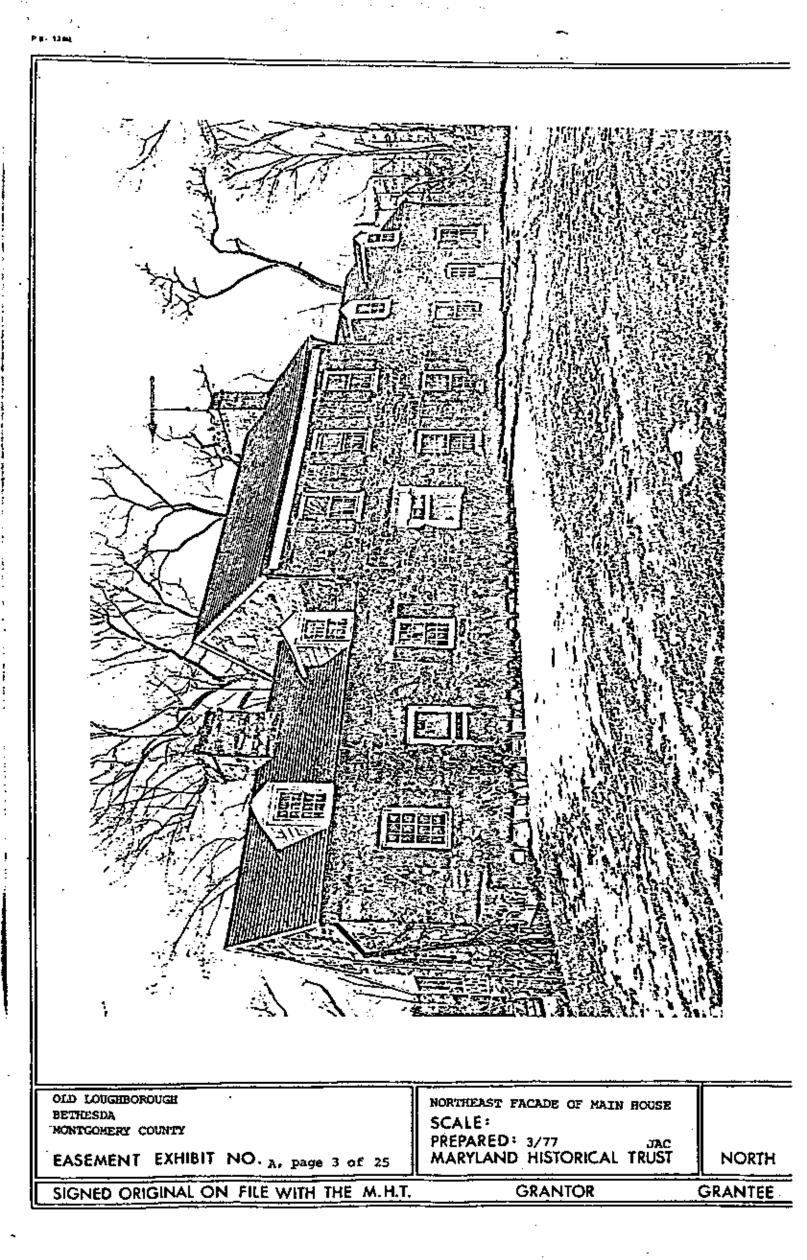
rout to conform to ASTM C476 eel to conform to ASTM A501

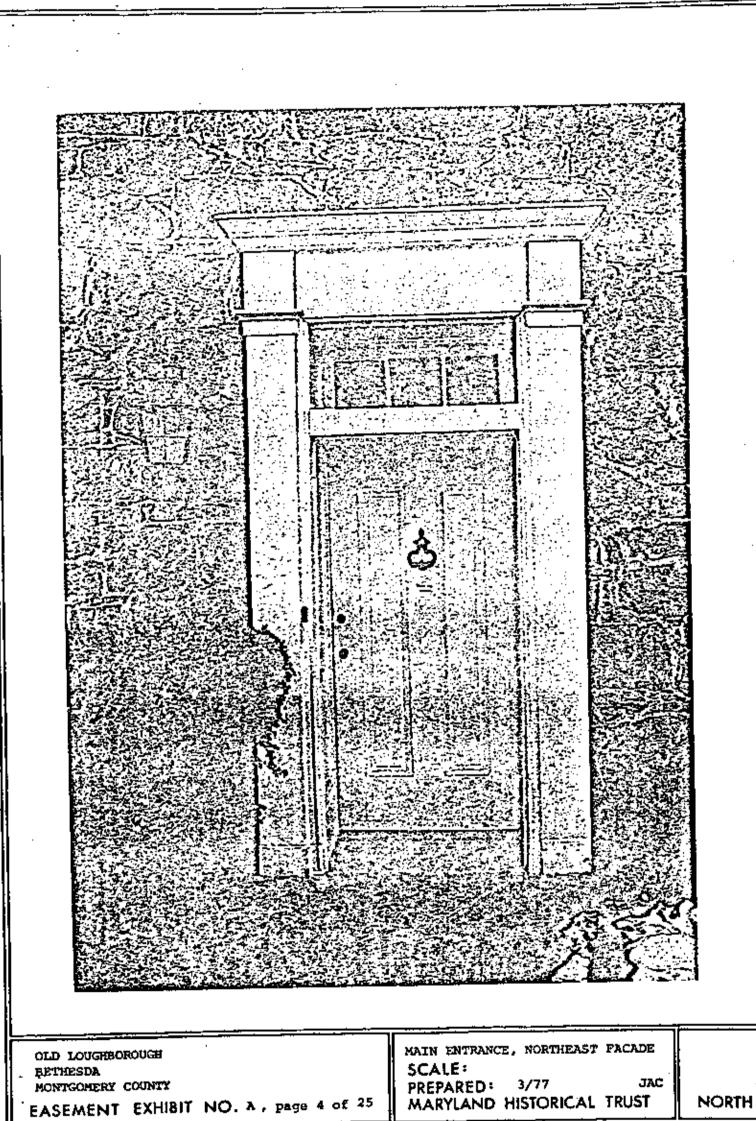
sts to have bridging/x-bracing at 7'o.c.

edger boards to be threaded rod manufactured in accordance with ASTM A36 or F1554 and installed with Powers Gold adhesive. See drawings for bolt diameters, embedments, spacings and locations. Bolts to be installed into up only (either poured concrete, grout-filled CMU or solid brick).

ng shall be continuous sheathed wood structural panels per Section R602.10.4 of IRC 2012. Where wall bracing ent, alternate means shall be provided and engineered per ASCE 7 for the above basic wind speed.





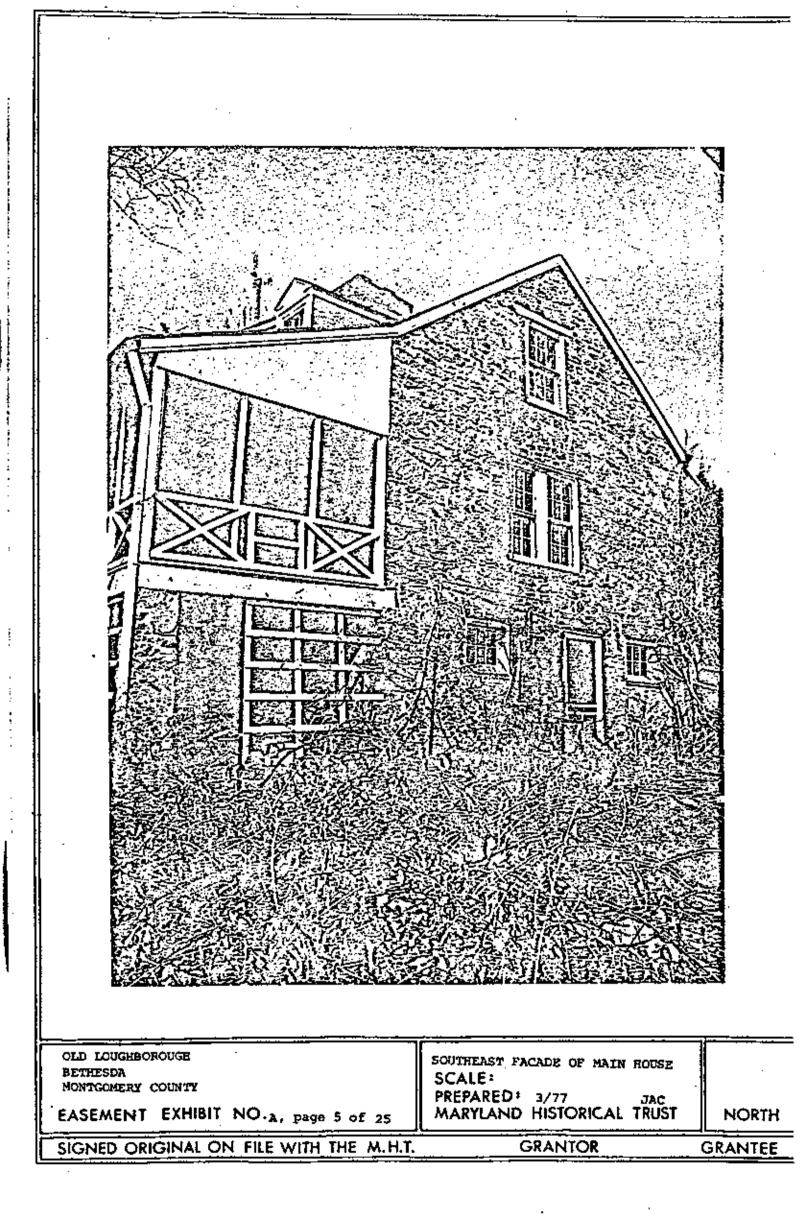


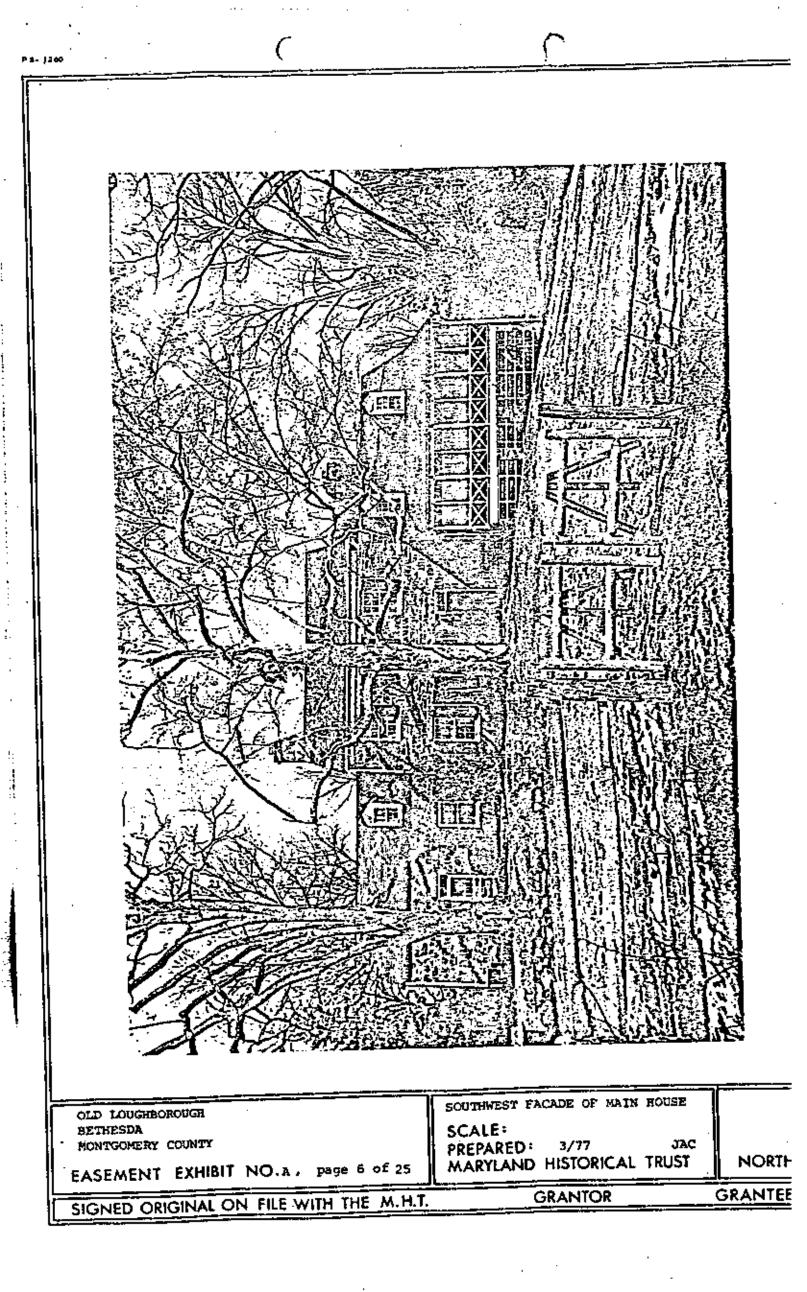
C

SIGNED ORIGINAL ON FILE WITH THE M.H.T.

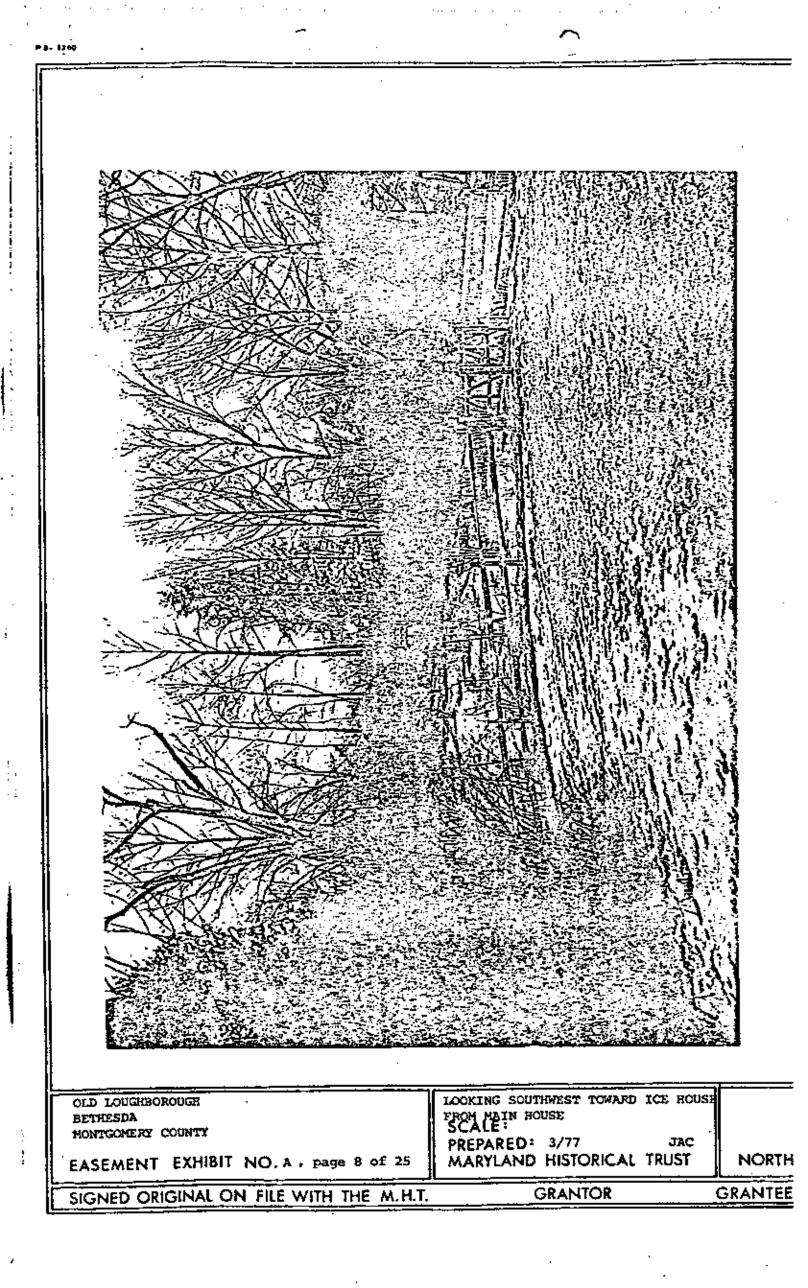
GRANTEE

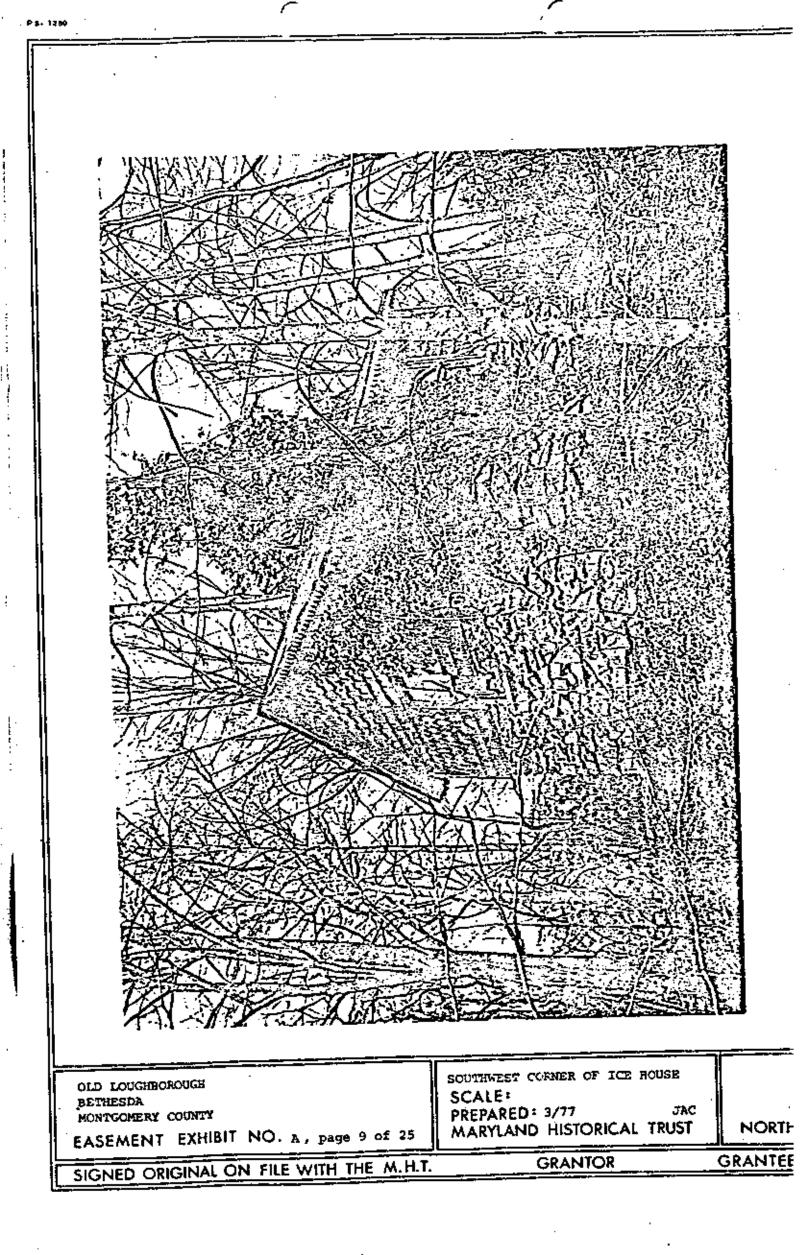
GRANTOR





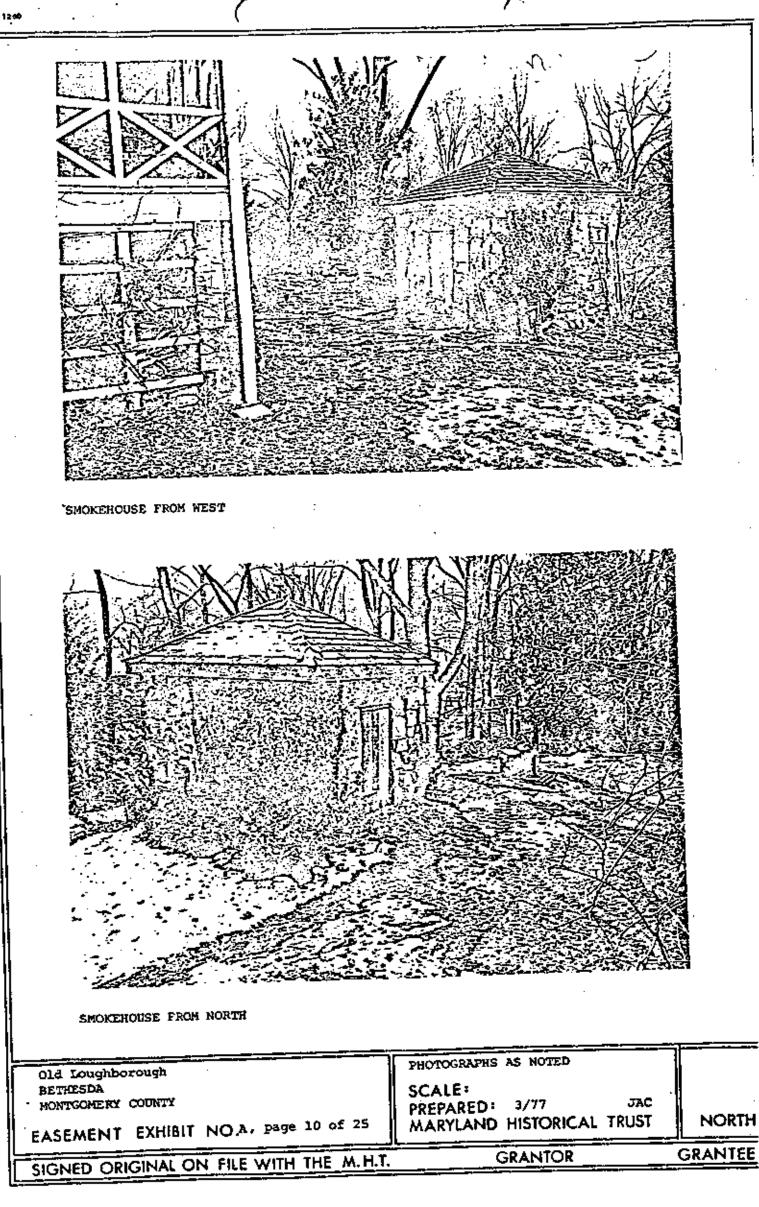


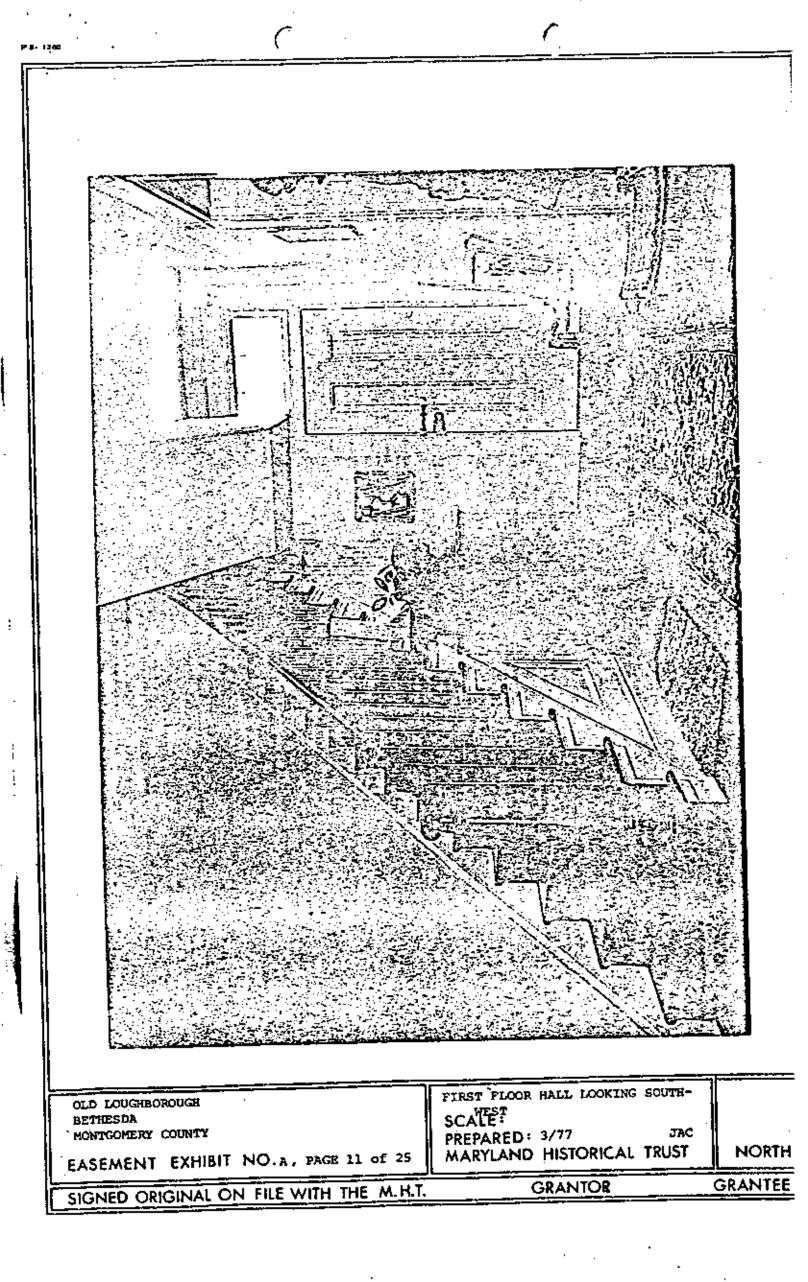


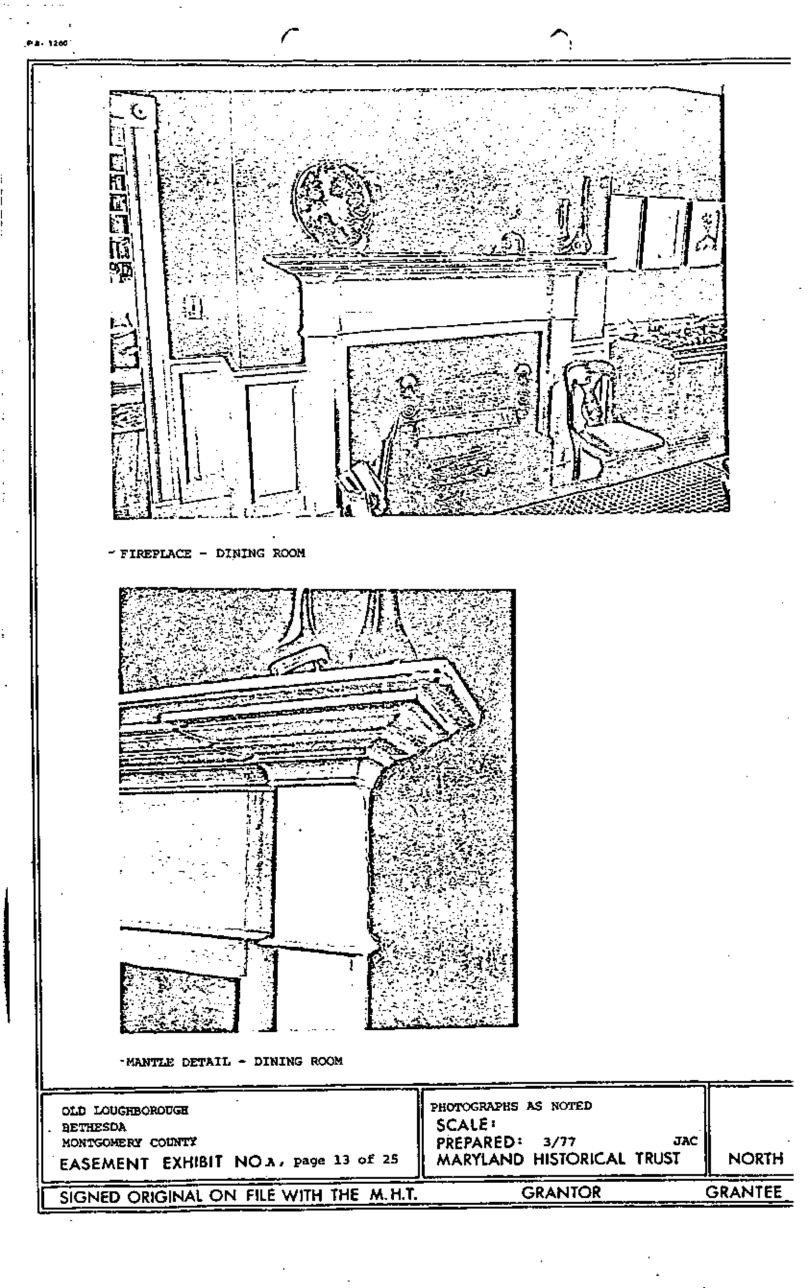


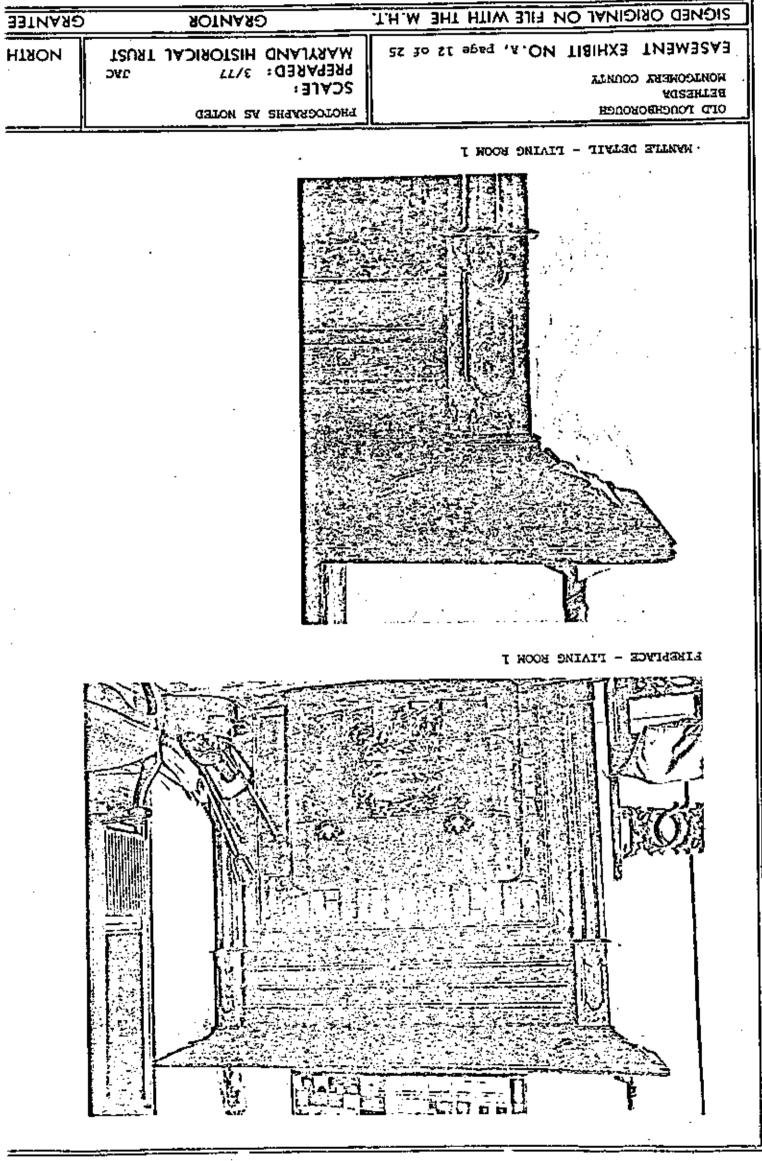


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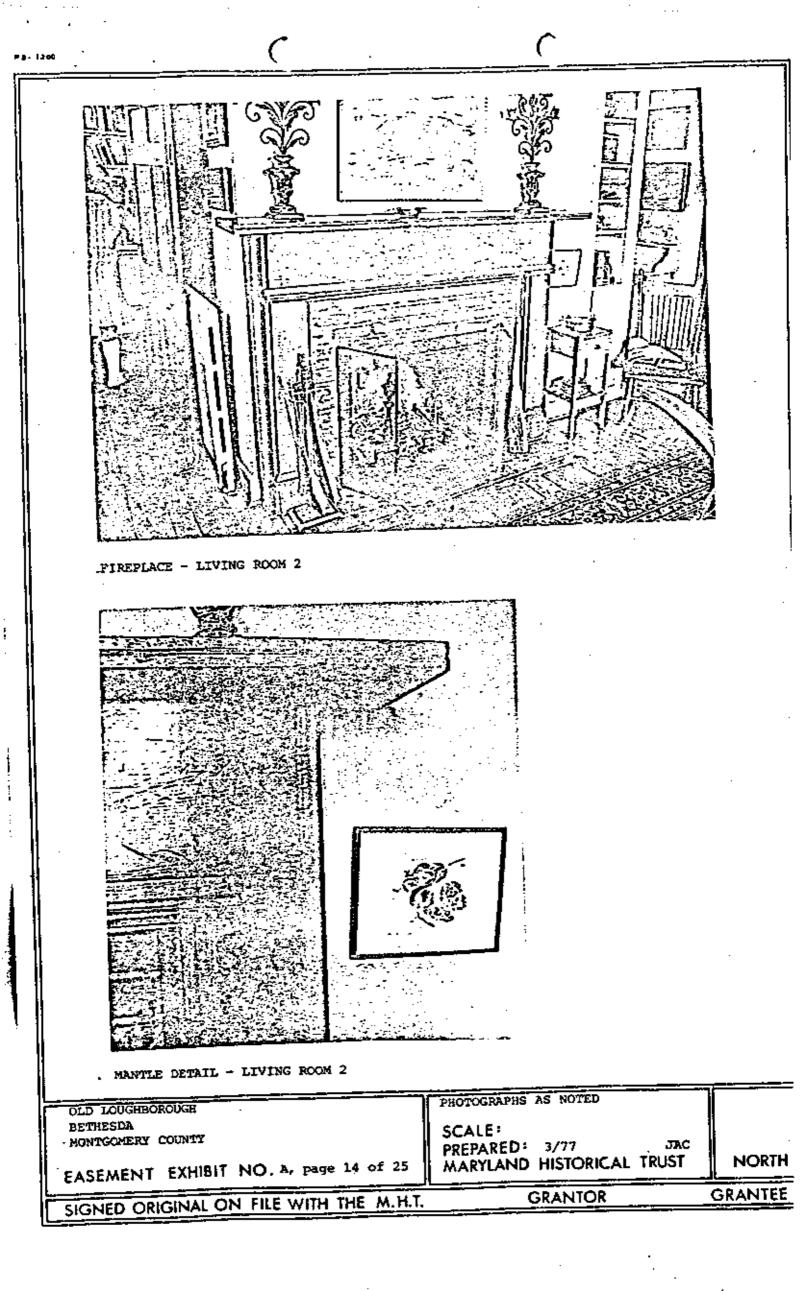


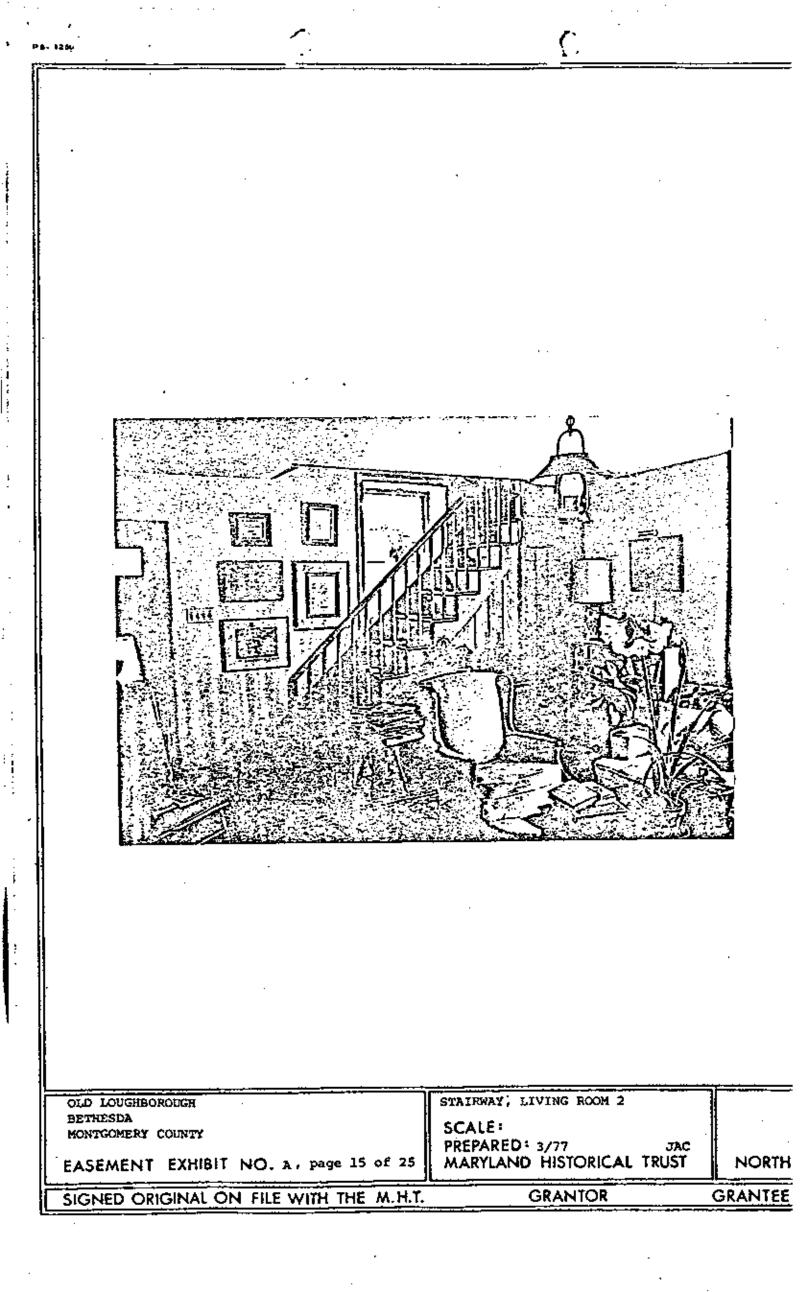


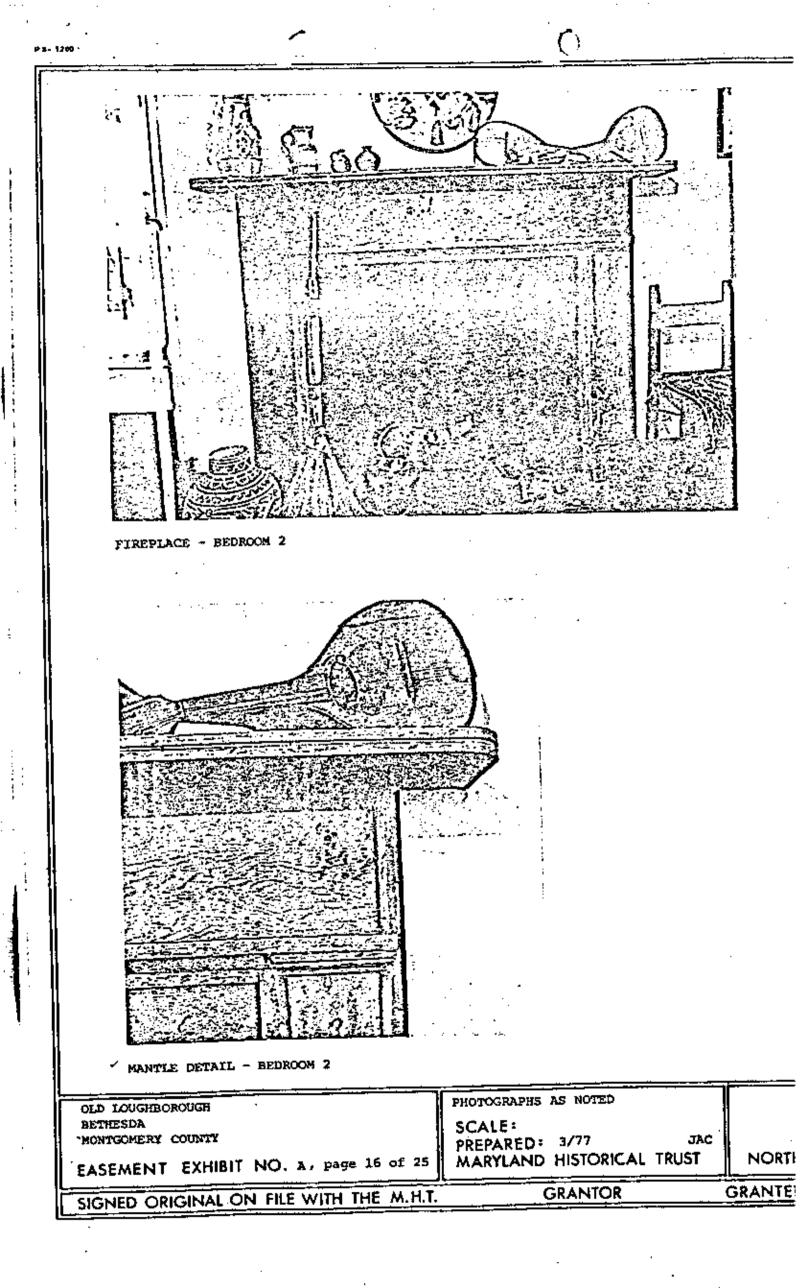


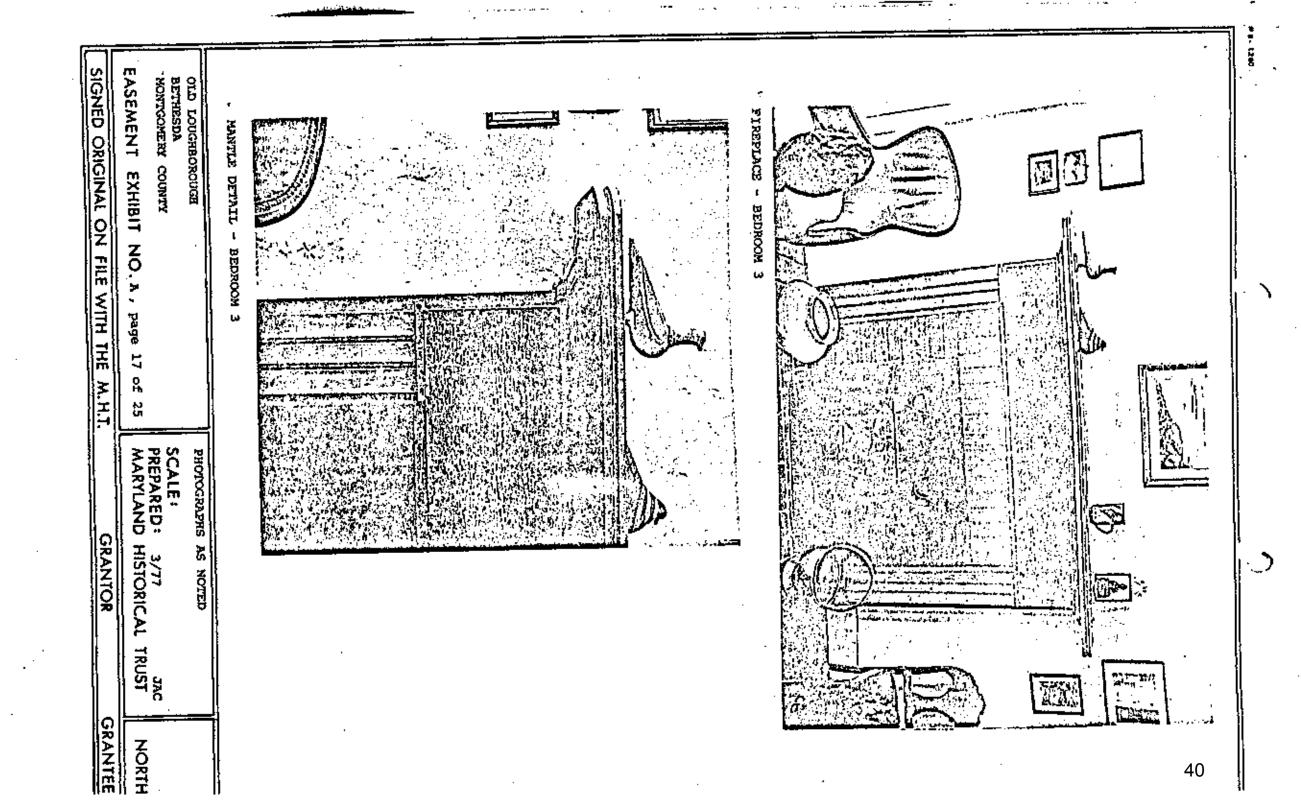


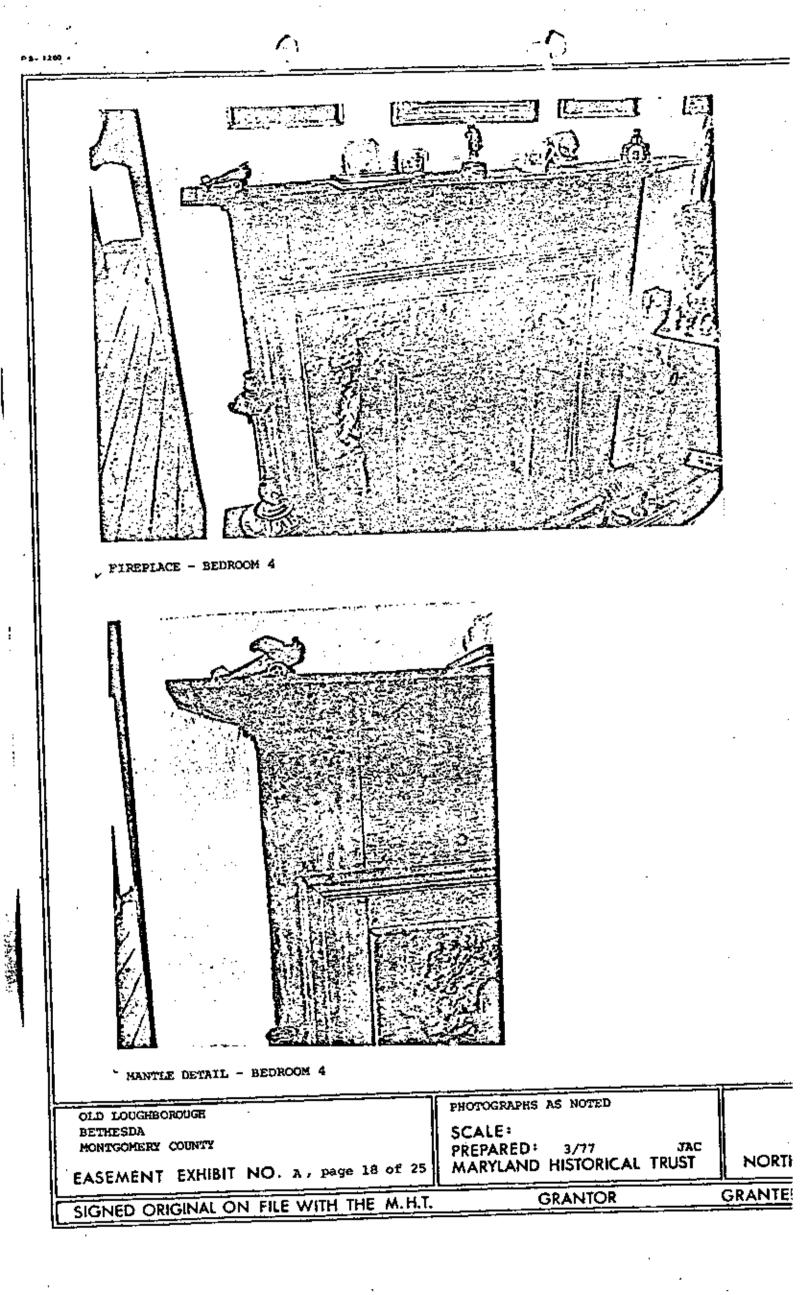
· 36

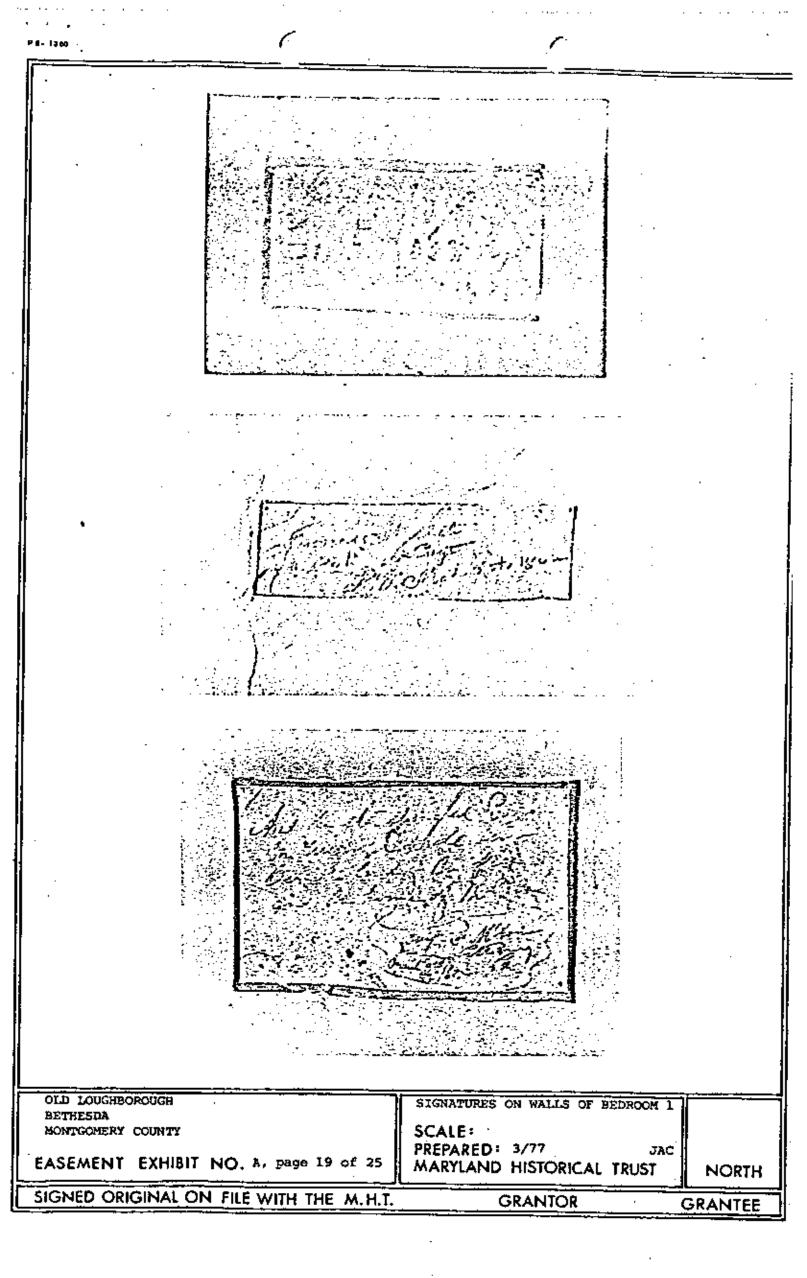




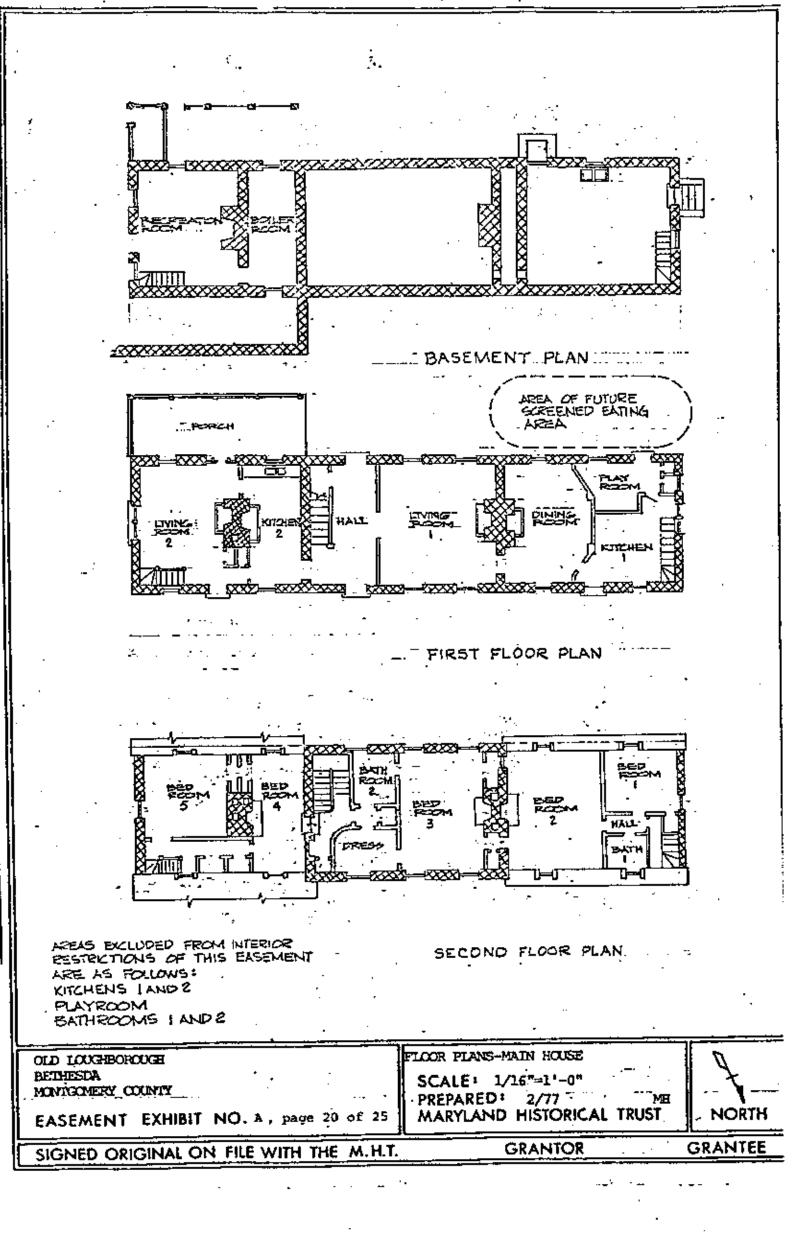


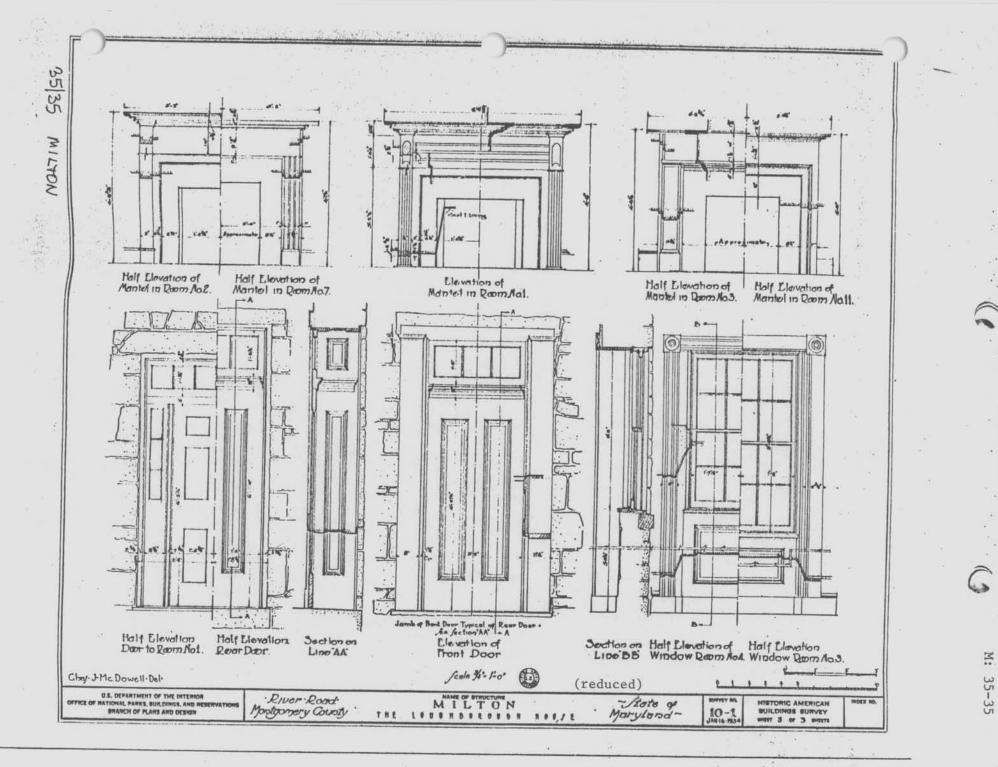


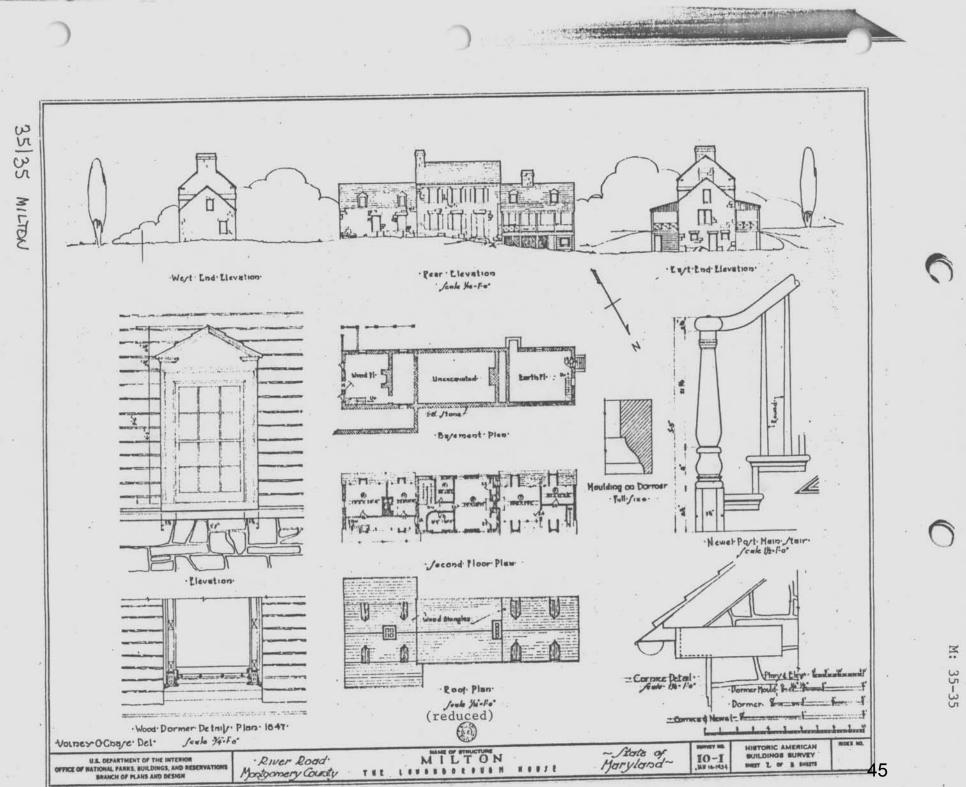


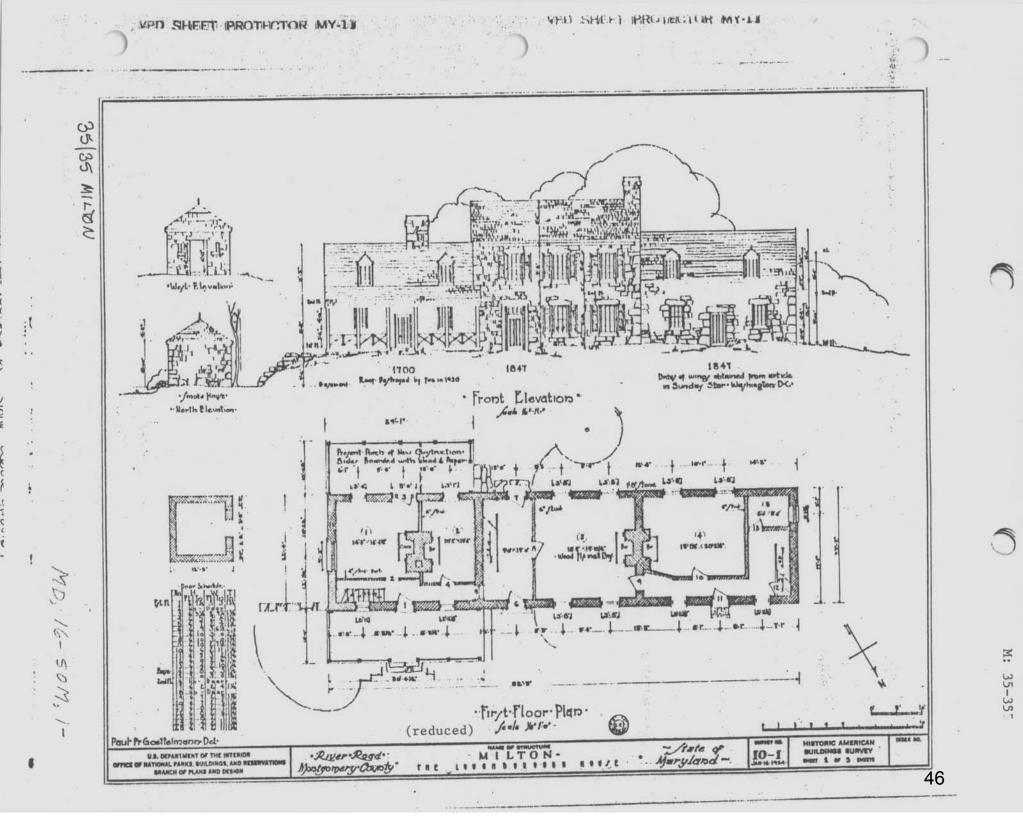


· 42

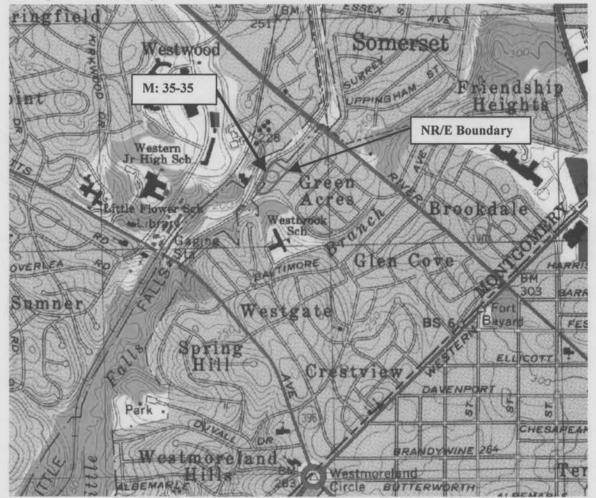








M: 35-35 Milton (Old Loughborough) 5312 Allandale Road, Bethesda Washington West Quadrangle

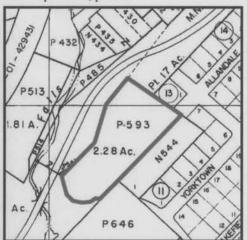


1993-95 Aerial Photo

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Tax Map HM23, p. 593







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NAME MILTON/LOUGHBORD HOUSE M.#35-35
LOCATION ALLANDIALE RD., BETHESDA, MD,
FACADE W
PHOTO TAKEN G/10/54
M. DEOYER
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49



NAME	MILTON / LOUGH	Ro - MEI	M:#35-35
LOCATION	ALLANDALE	Rd. BETHE SDI	g md
FACADE	NW		
PHOTO TA	KEN 6/10/74	MDWYER	



NAME MILTON/LOUGHBORD HOUSE MI #35-35 LOCATION ALLANDALE RD, BETHESDA, MD. FACADE E PHOTO TAKEN 6/10/74 M. DLOYER

53



NAME MILTO	N / LOUGH BO	DRO HSE	M:#35-35
LOCATION	ALLANDALE	Rd BETHESDA Md	
FACADE	E		
PHOTO TAKEN	6/10/14	MDWYER	