Address:	66 Walnut Ave., Takoma Park	Meeting Date:	2/22/2023
Resource:	Contributing Resource Takoma Park Historic District	Report Date:	2/15/2023
Applicant:	Peter Hendrickson Eric Teran, Architect	Public Notice:	2/8/2023
<b>Review:</b>	HAWP	Tax Credit:	n/a
Permit No.:	997894 REVISION	Staff:	Dan Bruechert
Proposal:	Revision to previously approved HAWP for alter	ations to deck constr	ruction.

#### MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION STAFF REPORT

#### **STAFF RECOMMENDATION**

Staff recommends the HPC **approve** the HAWP application.

#### **ARCHITECTURAL DESCRIPTION**

SIGNIFICANCE:	Contributing Resource to the Takoma Park Historic District
STYLE:	Craftsman
DATE:	c.1923



Figure 1: The subject property is located west of the intersection of Walnut Ave. and Westmoreland Ave.

#### BACKGROUND

At the August 17, 2022, HPC meeting, the HPC approved a HAWP for several alterations to the existing building to convert it from multi-family to single-family.<sup>1</sup> The changes included a rear deck and a new side entrance.

#### PROPOSAL

The applicant proposes to extend the approved side entrance stairs and deck to connect to the approved rear deck.

#### **APPLICABLE GUIDELINES**

When reviewing applications for alterations within the Takoma Park Historic District, several documents are to be utilized as guidelines to assist the Commission in developing their decision. These documents include the historic preservation review guidelines in the approved and adopted amendment for the *Takoma Park Historic District (Guidelines), Montgomery County Code Chapter 24A (Chapter 24A)*, and *the Secretary of the Interior's Standards for Rehabilitation (Standards)*.

#### Takoma Park Historic District Guidelines

There are two very general, broad planning and design concepts which apply to all categories. These are:

- The design review emphasis will be restricted to changes that are all visible from the public rightof-way, irrespective of landscaping or vegetation (it is expected that the majority of new additions will be reviewed for their impact on the overall district), and
- The importance of assuring that additions and other changes to existing structures act to reinforce and continue existing streetscape, landscape, and building patterns rather than to impair the character of the historic district.

Contributing Resources should receive a more lenient review than those structures that have been classified as Outstanding. This design review should emphasize the importance of the resource to the overall streetscape and its compatibility with existing patterns rather than focusing on a close scrutiny of architectural detailing. In general, however, changes to Contributing Resources should respect the predominant architectural style of the resource. As stated above, the design review emphasis will be restricted to changes that are *at all visible from the public right-of-way*, irrespective of landscaping or vegetation.

All exterior alterations, including those to architectural features and details, should be generally consistent with the predominant architectural style and period of the resource and should preserve the predominant architectural features of the resource; exact replication of existing details and features is, however, not required,

Minor alterations to areas that do not directly front on a public right-of-way such as vents, metal stovepipes, air conditioners, fences, skylights, etc. – should be allowed as a matter of course; alterations to areas that do not directly front on a public way-of-way which involve the replacement of or damaged to original ornamental or architectural features are discouraged, but may be considered and approved on a case-by-case basis,

Major additions should, where feasible, be placed to the rear of existing structures so that they are

<sup>&</sup>lt;sup>1</sup> The Staff Report and HAWP application for the August 17, 2022 HAWP is available here: <u>https://montgomeryplanning.org/wp-content/uploads/2022/08/I.A-66-Walnut-Avenue-Takoma-Park-997894.pdf</u>.

less visible from the public right-of-way; additions and alterations to the first floor at the front of a structure are discouraged, but not automatically prohibited

While additions should be compatible, they are not required to be replicative of earlier architectural styles

Second story additions or expansions should be generally consistent with the predominant architectural style and period of the resource (although structures that have been historically single story can be expanded) and should be appropriate to the surrounding streetscape in terms of scale and massing

Original size and shape of window and door openings should be maintained, where feasible

Some non-original building materials may be acceptable on a case-by-case basis; artificial siding on areas visible to the public right-of-way is discouraged where such materials would replace or damage original building materials that are in good condition

Alterations to features that are not visible from the public right-of-way should be allowed as a matter of course

All changes and additions should respect existing environmental settings, landscaping, and patterns of open space.

#### Montgomery County Code; Chapter 24A-8

- (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
- (d) In the case of an application for work on an historic resource located within an historic district, the commission shall be lenient in its judgment of plans for structures of little historical or design significance or for plans involving new construction, unless such plans would seriously impair the historic or architectural value of surrounding historic resources or would impair the character of the historic district. (Ord. No. 9-4, § 1; Ord. No. 11-59.)

#### Secretary of the Interior's Standards for Rehabilitation

The Secretary of the Interior defines rehabilitation as "the act or process of making possible a compatible use for a property through repair, alterations, and additions while preserving those portions or features, which convey its historical, cultural, or architectural values." The applicable *Standards* are as follows:

- 2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
- 9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.

10. New additions and adjacent or related new construction shall 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 DISCUSSION

The subject property is a front gable Craftsman bungalow with non-historic large, shed dormers, and additional entrances that likely date from the time the house was divided into a multi-unit residence. The house was covered in vinyl siding in the 1990s.<sup>2</sup> As an amendment to the previous HAWP, the applicant proposes to extend the rear deck to wrap around the rear corner.

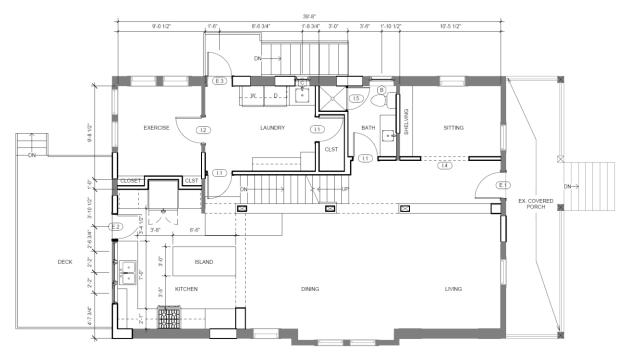


Figure 2: The approved 1st-floor plan from the 8/17/2022 HAWP.

The deck extension will match the height, materials (wood), and design of the approved deck. The expanded deck will be visible from a narrow view along the right side of the house; however, Staff does not find that the expanded deck will negatively impact the pattern of open spaces found in this section of the Takoma Park Historic District nor will it detract from the house's architectural character. Staff recommends the HPC approve the amended HAWP under 24A-8(b)(2) and (d) and Standards 2, 9, and 10 and the *Design Guidelines*.

<sup>&</sup>lt;sup>2</sup> The vinyl siding installation was denied by the HPC and overruled by the Board of Appeals. The decision is available here:

https://mcatlas.org/tiles/06\_HistoricPreservation\_PhotoArchives/Padlock/HAR60640006/Box046/37-3-93W\_Takoma%20Park%20Historic%20District\_66%20Walnut%20Avenue\_07-01-1993.pdf.

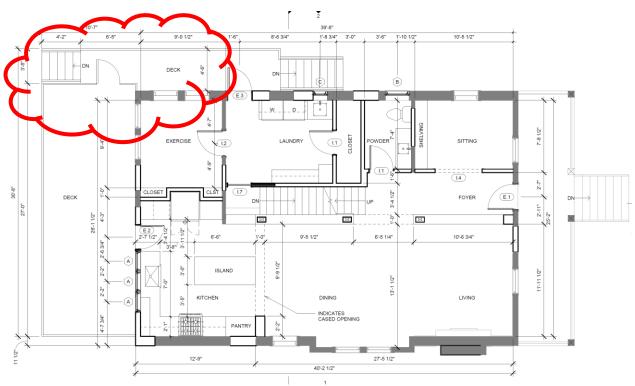


Figure 3: Revised proposal to extend the deck and wrap around the rear corner.



Figure 4: View along the right side of the house where the proposed deck will be located.

#### **STAFF RECOMMENDATION**

Staff recommends that the Commission **approve** the HAWP application under the Criteria for Issuance in Chapter 24A-8(b)(1), (2), and (d), having found that the proposal 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 Secretary of the Interior's Standards for Rehabilitation #2, #9, and #10;

and with the general condition that the applicant shall present an electronic set 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;

and with the general condition that final project design details, not specifically delineated by the Commission, shall be approved by HPC staff or brought back to the Commission as a revised HAWP application at staff's discretion;

and with the general condition that the applicant shall notify the Historic Preservation Staff if they propose to make **any alterations** to the approved plans. Once the work is completed the applicant will <u>contact the staff person</u> assigned to this application at 301-563-3400 or <u>dan.bruechert@montgomeryplanning.org</u> to schedule a follow-up site visit.

17 Dec				FOR STAFF ONLY: IAWP#
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Demolition		rdscape/Landsca		/indow/Door
Grading/Excav	_			ther:
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and accurate and th agencies and hereb	at the construction acknowledge and	will comply with p accept this to be a	lans reviewed condition for	and approved by all necessary the issuance of this permit.
	A. Jen			Date

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# HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFING [Owner, Owner's Agent, Adjacent and Confronting Property Owners] **Owner's** mailing address **Owner's Agent's** mailing address Adjacent and confronting Property Owners mailing addresses

Work Item 1:	
Description of Current Condition:	Proposed Work:
Work Item 2:	
Description of Current Condition:	Proposed Work:

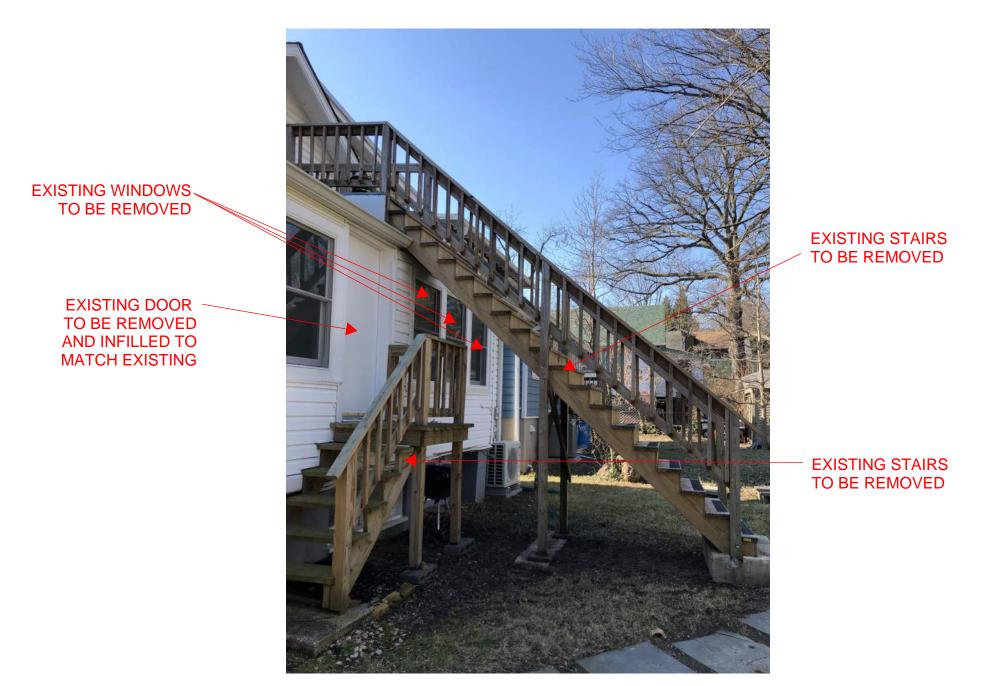
Work Item 3:	
Description of Current Condition:	Proposed Work:



### HENDRICKSON RESIDENCE

#### SITE PHOTOS & NOTES 2

66 WALNUT AVE, TAKOMA PARK, MD 20912



### HENDRICKSON RESIDENCE

66 WALNUT AVE, TAKOMA PARK, MD 20912

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#### HENDRICKSON RESIDENCE

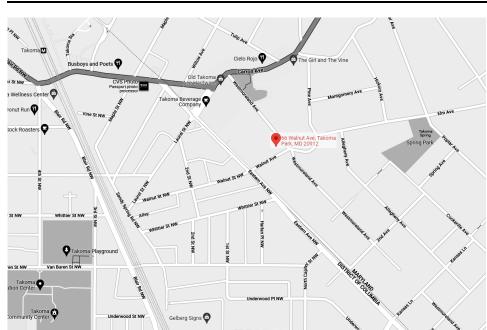
SITE PHOTOS & NOTES 7

## HENDRICKSON RESIDENCE 66 WALNUT AVE, TAKOMA PARK, MD 20912

#### GENERAL NOTES

- I. ALL WORK SHALL BE IN ACCORDANCE WITH THE CODES OF THE GOVERNING AUTHORITY AND SPECIAL REQUIREMENTS OF THE BUILDING PERMIT.
- 2. VERIFY ALL LOCATIONS OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY WORK AND VERIFY LOCATION WITH ARCHITECT.
- 2.1. CONTACT MISS UTILITY OF MD PRIOR TO ANY EXCAVATION.
- 2.2. DETERMINE LOCATION OF WATER METER, ELECTRIC AND GAS METER IN ACCORDANCE WITH SERVING UTILITY AND VERIFY LOCATION WITH ARCHITECT.
- 3. CONTRACTOR TO VERIFY ALL CONDITION AND DIMENSIONS IN THE FIELD. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO STARTING THE WORK AND CONTRACTOR SHALL MAKE AND ADD ALL CORRECTIONS NECESSARY DUE TO NEGLIGENT FIELD VERIFICATION AT HIS SOLE EXPENSE.
- 4. THE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISE CLEAR OF THE ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY HIS EMPLOYEES OR WORK AND AT THE COMPLETION OF THE WORK, SHALL REMOVE ALL RUBBUSH DEBRIS, EQUIPMENT, AND SURPLUS MATERIALS FROM IN AND AROUND THE BUILDING AND LEAVE THE WORK, "BROOM CLEAN."
- 5. ANY OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHTIECT BEFORE PROCEDDING WITH ANY OF THE WORK SO INVOLVED. ALL WORK IS TO BE COORDINATED SO THAT THE COOPERATION BETWEEN ALL TRADES, WHERE REQUIRED, IS ACCOMPLISHED.
- 6. PATCH AND REPAIR ALL SURFACES DISRUPTED OR DAMAGED DURING CONSTRUCTION TO EXACTLY MATCH EXISTING ADJACENT SURFACES.
- 7. ALL FIXTURE LOCATIONS TO BE VERIFIED WITH THE ARCHITECT AND/OR OWNER PRIOR TO FINISH OF FRAMING.
- 8. FIXTURE SUBSTITUTIONS TO BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO ORDERING,
- 9. VERIFY COMPATIBILITY OF MATERIALS CALLED OUT IN THESE DRAWINGS AND ALERT THE ARCHITECT TO ANY POTENTIAL CONFLICTS PRIOR TO INSTALLATION.
- 10. EUSTILUS ARCHITECTURE EXPRESSLY RESERVES ITS COMMON LAW OPYRIGHT AND OTHER PROPERTY RIGHTS IN THE ATTACHED DRAWINGS LISTED. THESE DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING THE EXPRESSED.

#### VICINITY MAP



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PETER DEVINE HENDRICKSON & NICHOLAS JORDAN ALLSOP

PROPOSED PROJECT DESCRIPTION

METHOD OF REMOVING

CONSTRUCTION DEBRIS

OWNER:

EXISTING

SINGLE FAMILY DETACHED SINGLE FAMILY DETACHED

CT DESCRIPTION INTERIOR REMODEL OF A 2-STORY, DETACHED SINGLE-FAMILY RESIDENCE OVER A BASEMENT. PROPOSED REAR ADDITION AND DECK.

ROLL OUT DUMPSTER BIN

#### **ZONING DATA**

PARCEL / LOT / BLOCK ZONE USE GROUP CONSTRUCTION TYPE	0000 / 23 / A R-60 R-3 VB	
STORIES LOT SIZE GROSS SF	EXISTING 2 + BASEMENT 5,308 SF	PROPOSED NO CHANGE NO CHANGE
BASEMENT	890 SF	890 SF
ABOVE GRADE	1918 SF	1922 SF
ADDITION	N/A	5 SF
ALTERATION		
DECK	N/A	207 SF
INTERIOR WORK	N/A	1,200 SF

#### **APPLICABLE CODES**

INTERNATIONAL RESIDENTIAL CODE (IRC) 2018

#### FIRE RATING DATA

IRE ALARM:	NO
SPRINKLER:	NO
IREDETECTION:	HARDWIRED, INTERCONNECTED SMOKE / CO2
	DETECTORS W/ BATTERY BACK-UP
ACCESSIBILITY:	NO

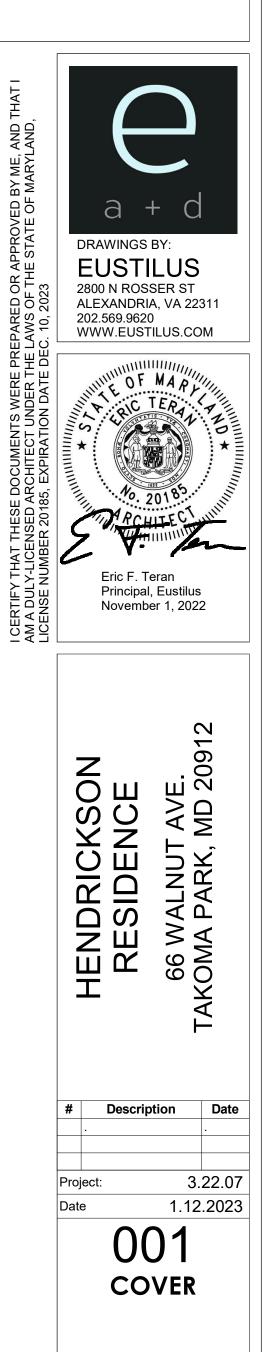
#### **PROJECT TEAM**

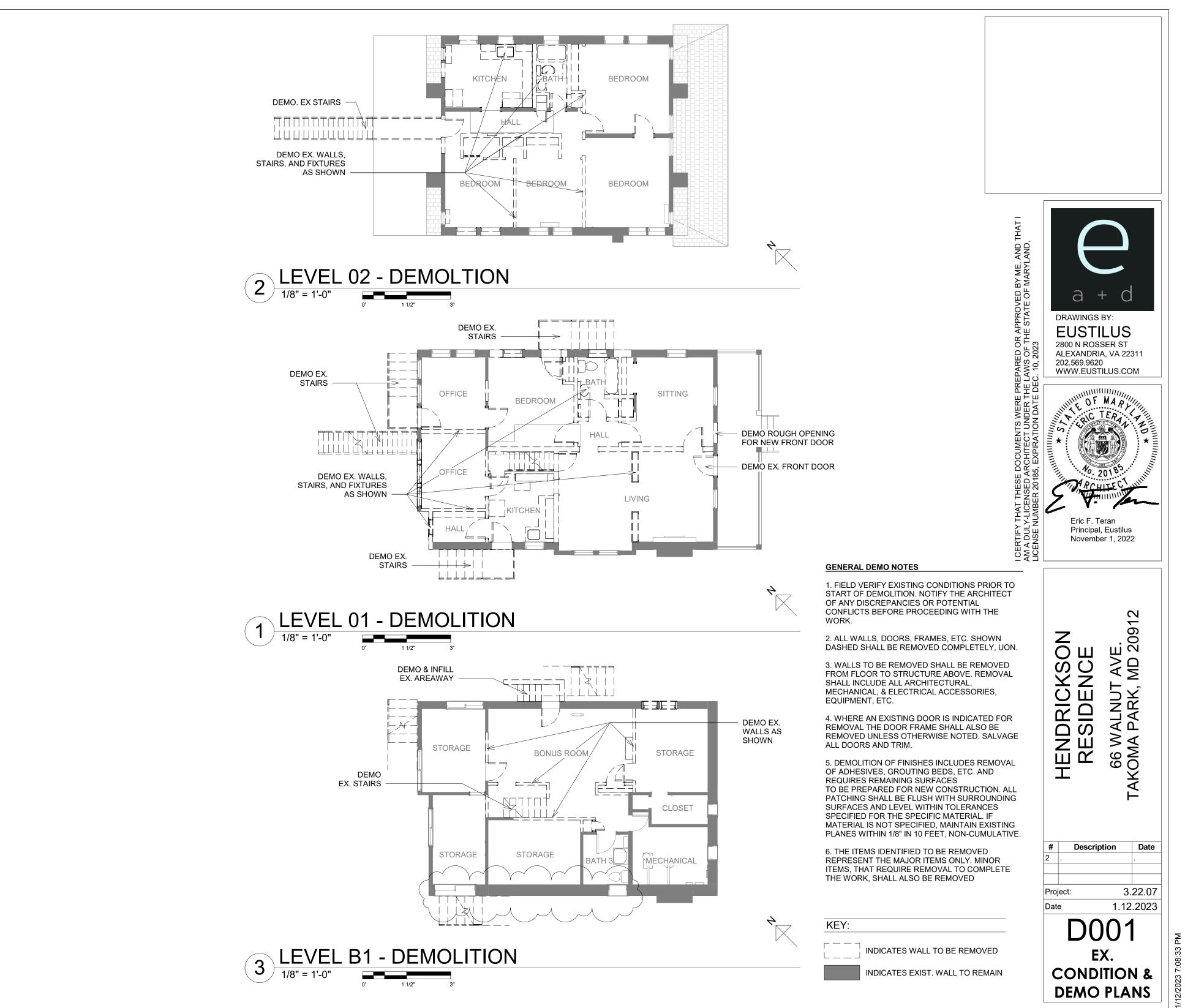
ARCHITECT EUSTILUS LLC ERIC TERAN 2800 N. ROSSER ST ALEXANDRIA, VA 22311 202-569-9620 ETERAN@EUSTILUS.COM

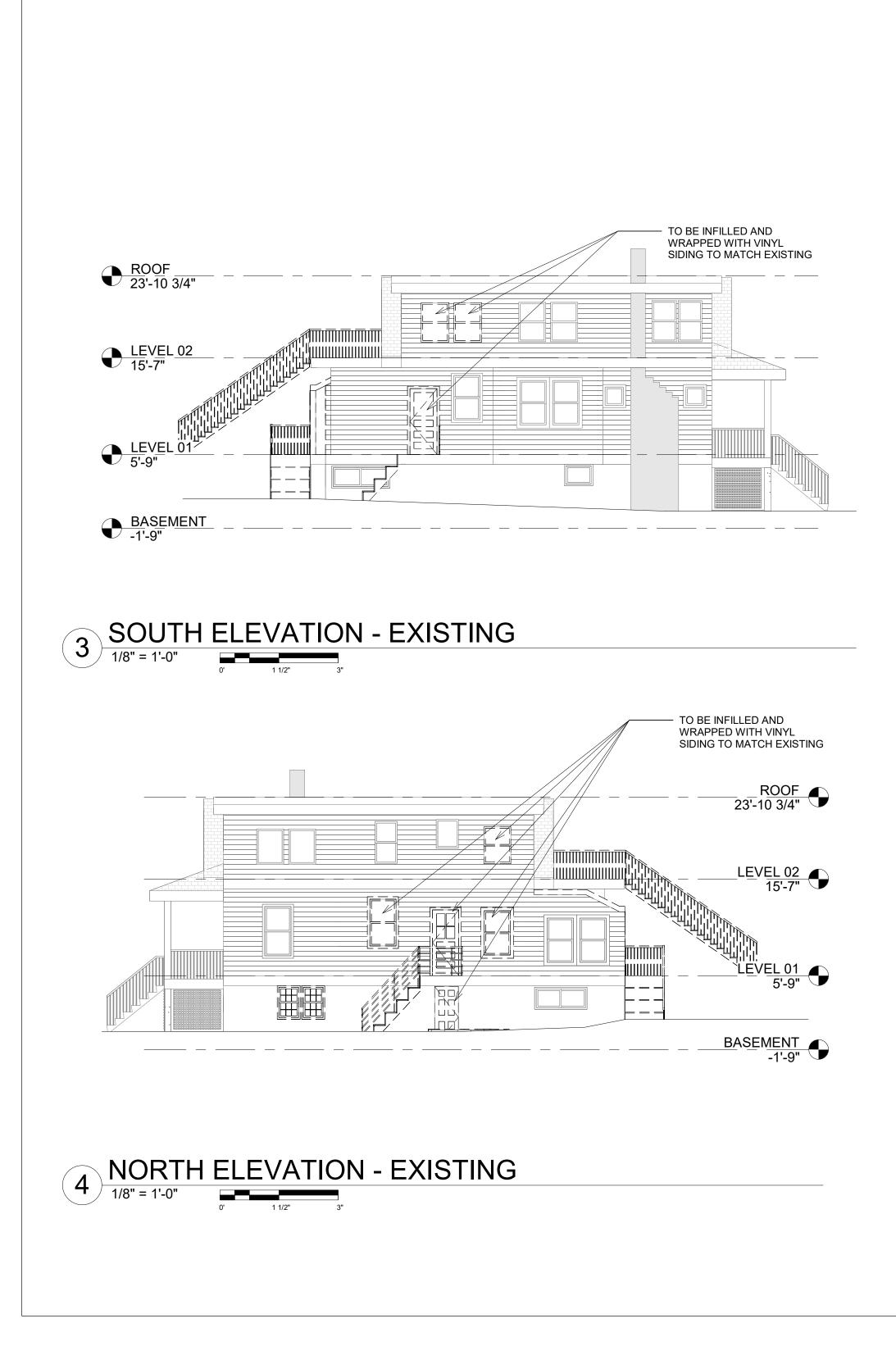
STRUCTURAL ENGINEER: ICI STRUCTURES, PLLC

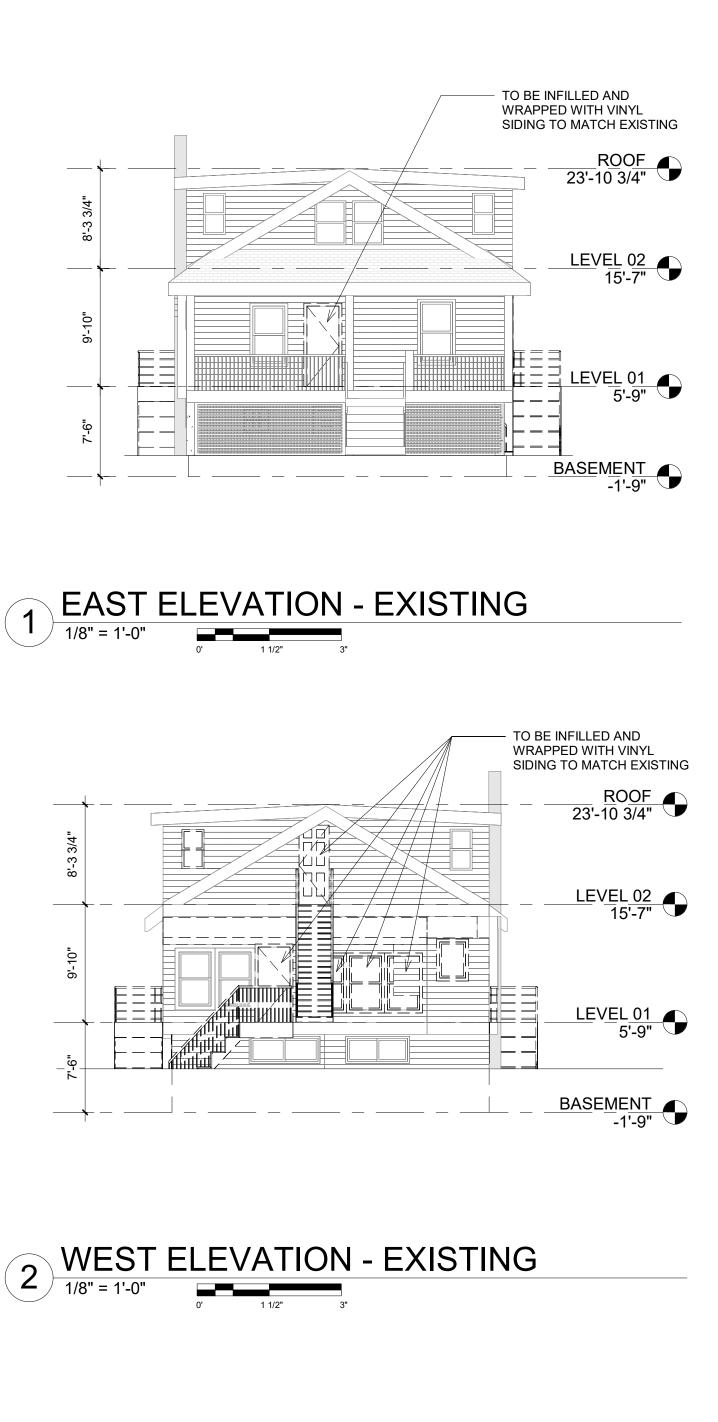
VALENTIN IORDACHE, PE 4395 EMBASSY PARK DR WASHINGTON DC 20016 202-459-3439 VALENTIN@ICISTRUCTURES.COM

SHEET INDEX					
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SHEET #	SHEET NAME	REV.	REV.	Ц Ц Ц	
001	COVER				
D001	EX. CONDITION & DEMO PLANS				
D002	<b>EXISTING &amp; DEMO ELEVATIONS</b>				
A050	SITE PLAN				
A100	BASEMENT				
A101	FLOOR PLAN				
A102	FLOOR PLAN				
A103	ROOF PLAN				
A200	PROPOSED ELEVATIONS				
A201	PROPOSED ELEVATIONS				
A300	BUILDING SECTIONS				
A301	BUILDING SECTIONS				
A400	EXTERIOR DETAILS				
A401	EXTERIOR DETAILS				
A402	EXTERIOR DETAILS				
A403	INTERIOR DETAILS				
A500	DOOR & WIN SCHEDULE				
S000	GEN NOTES				
S100	FOUND PLAN				
S110	FIRST FLOOR FRMG PLAN				
S120	SECOND FLOOR FRMG PLAN				
S130	ROOF FRMG PLAN				
S200	FRMG DETAILS				
E001	COVER				
E100	ELECTRICAL PLAN				
E101	ELECTRICAL PLAN				



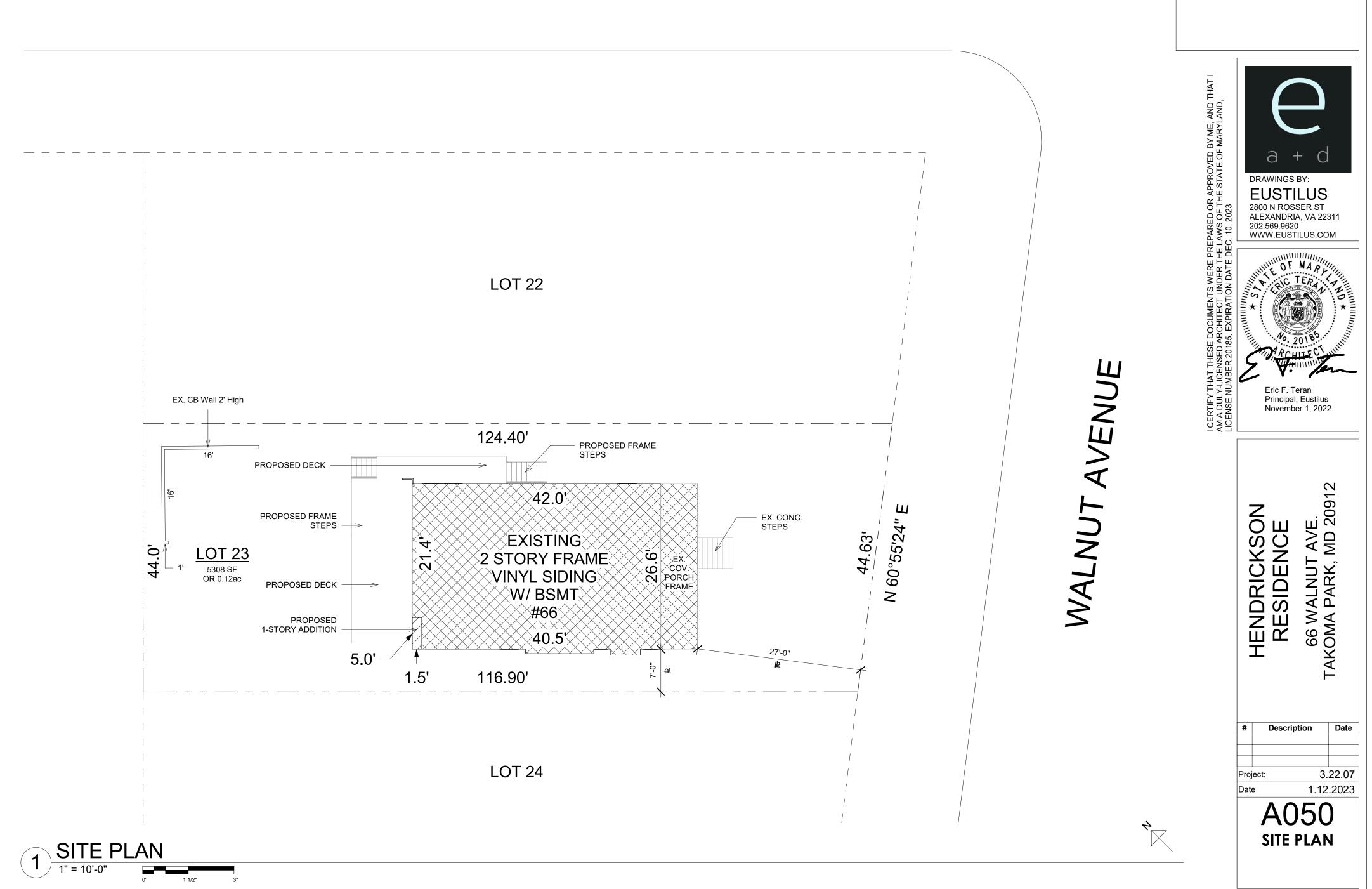




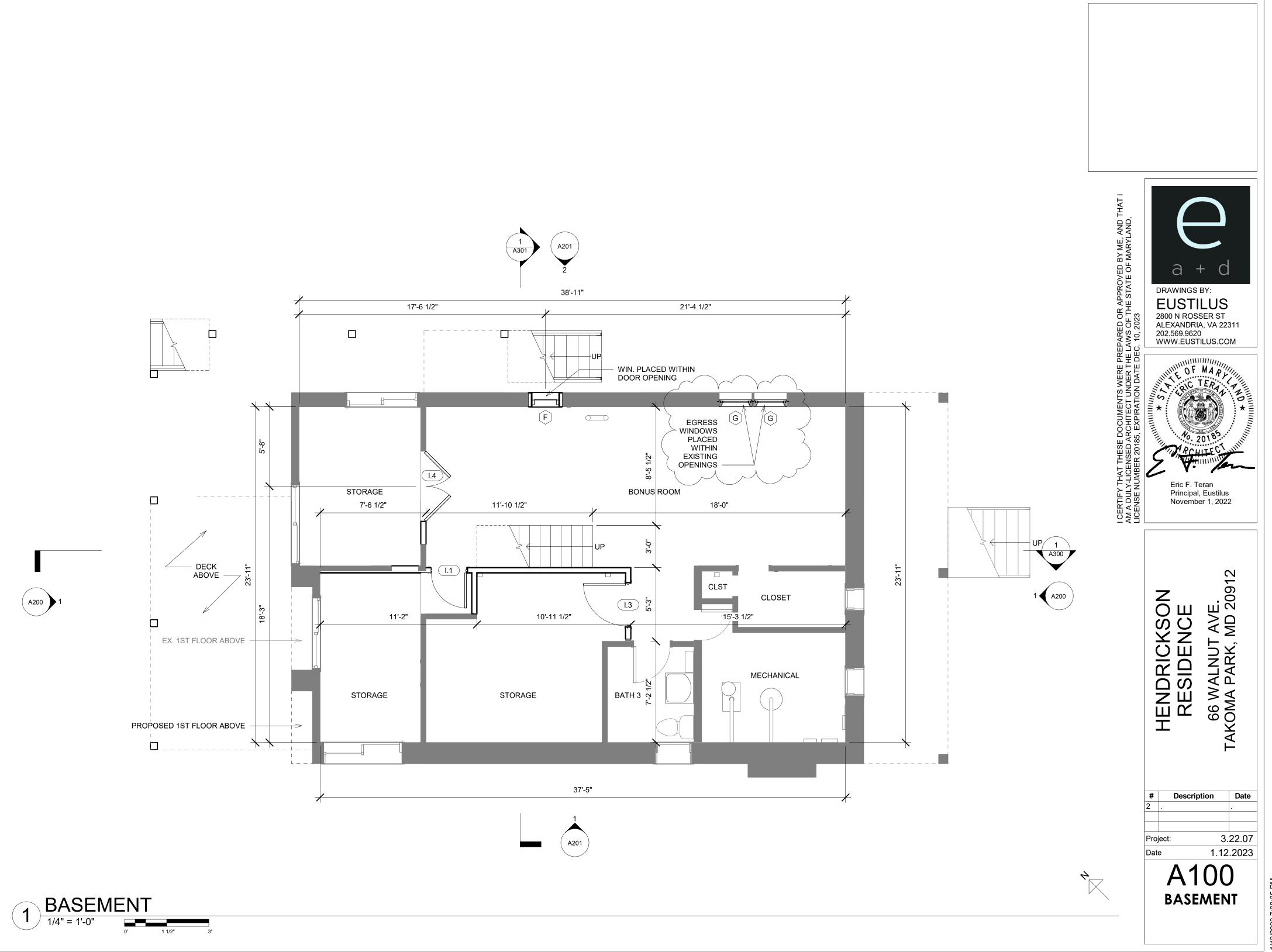


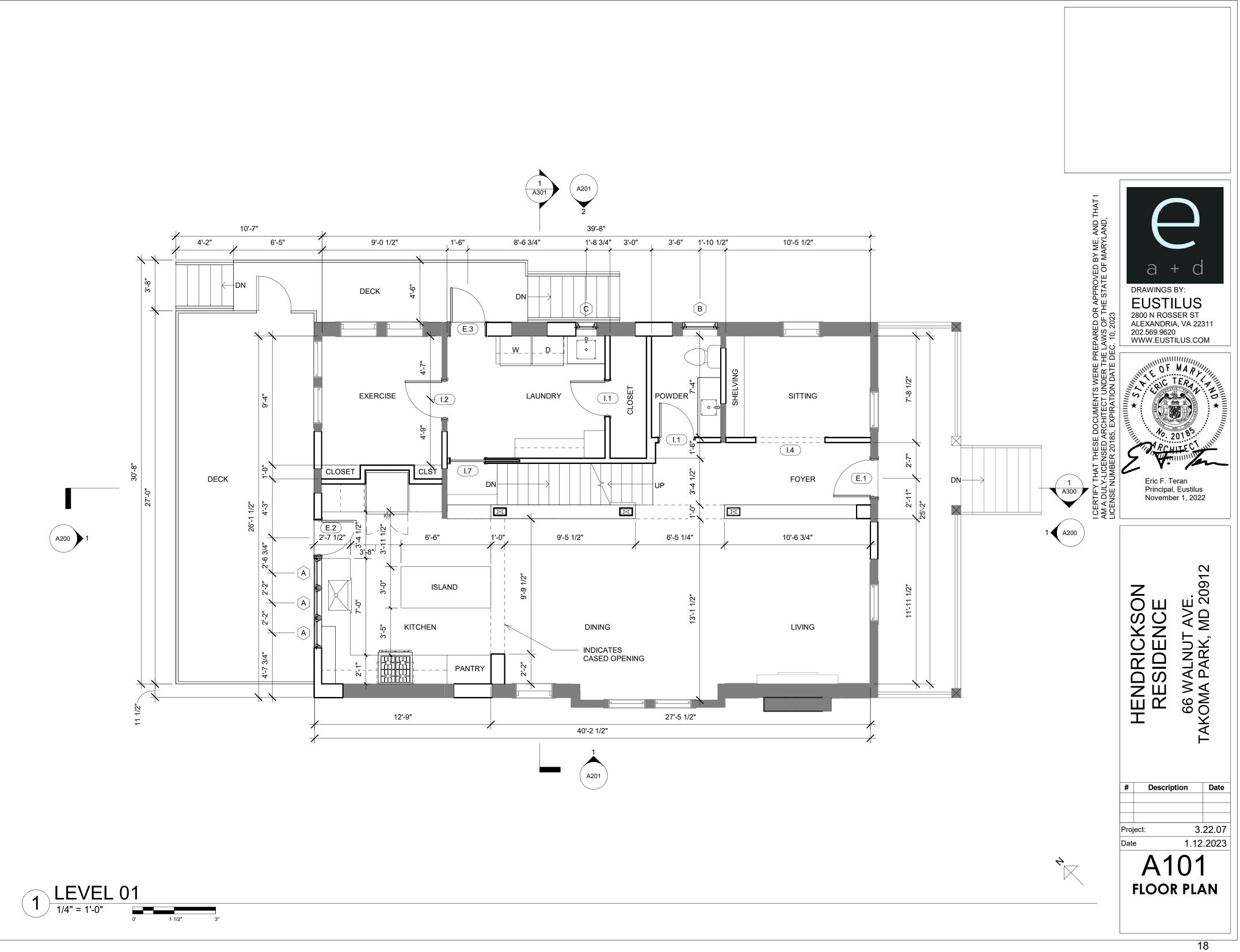


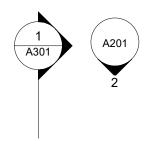
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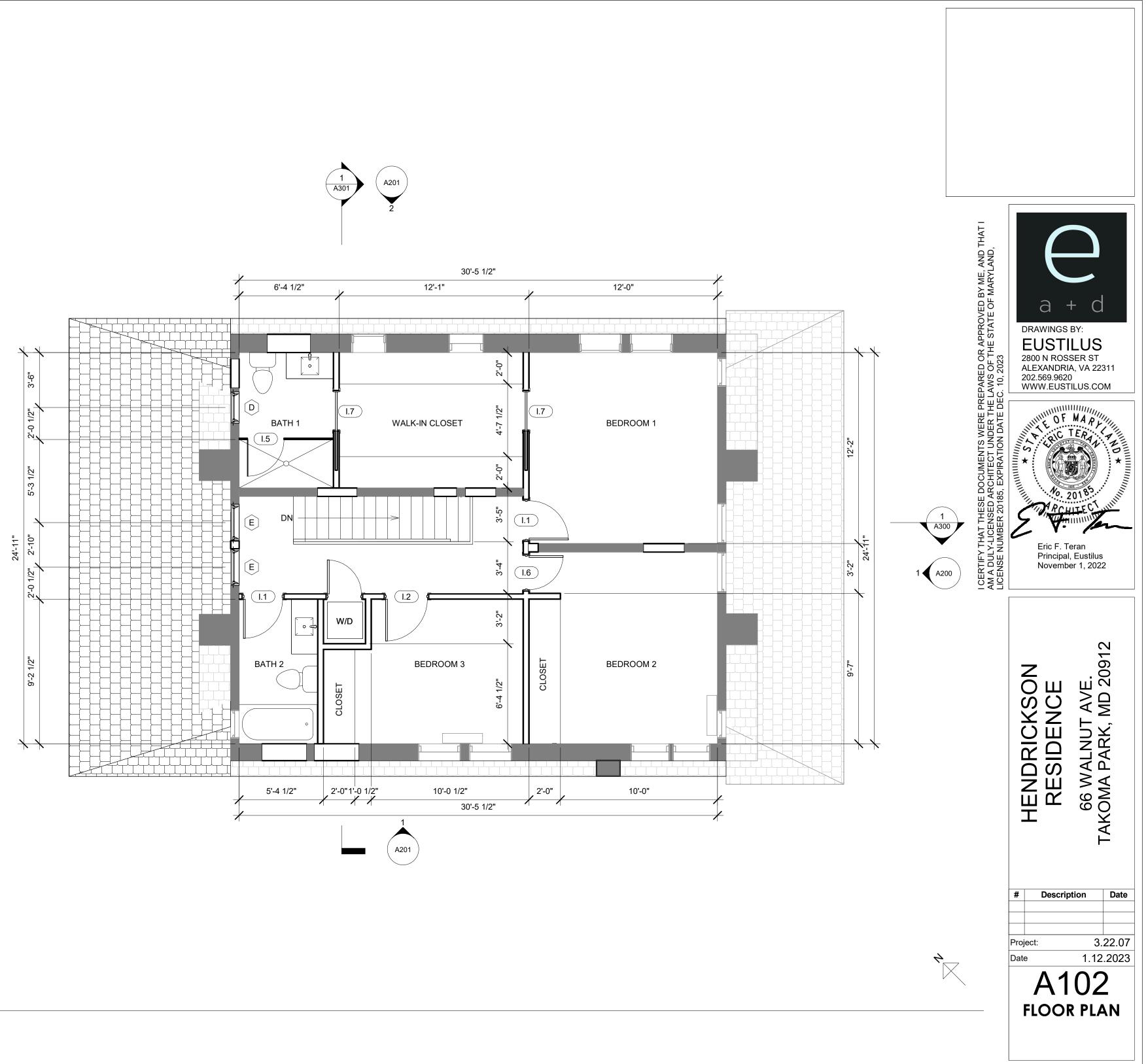


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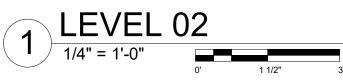




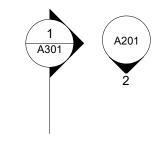




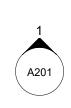




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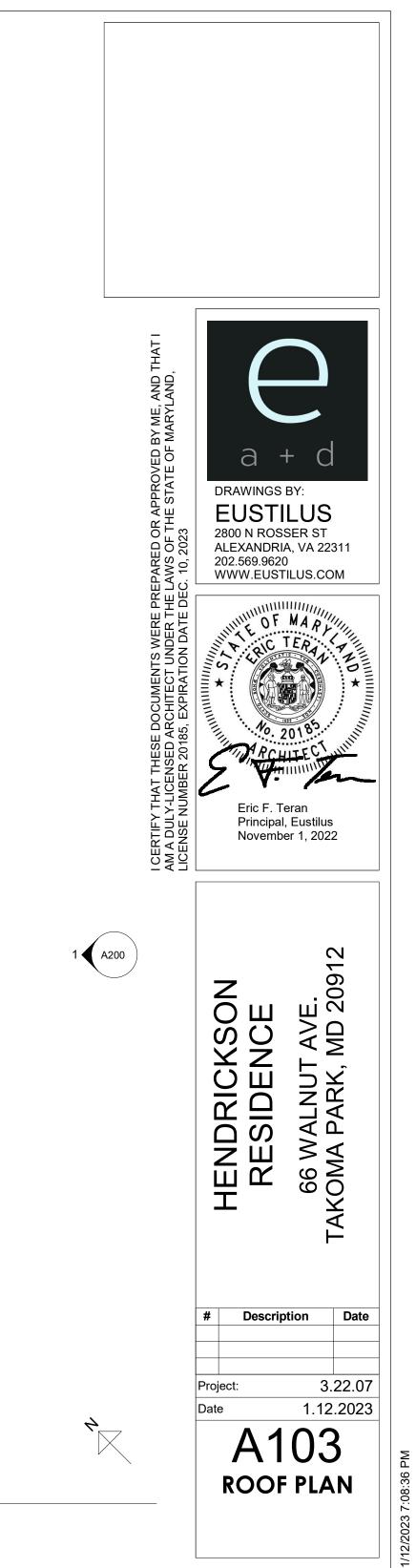


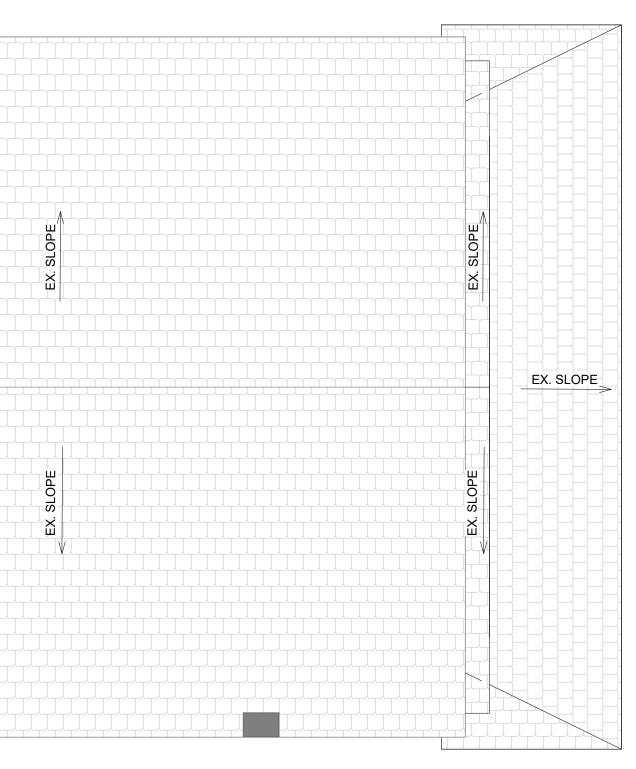


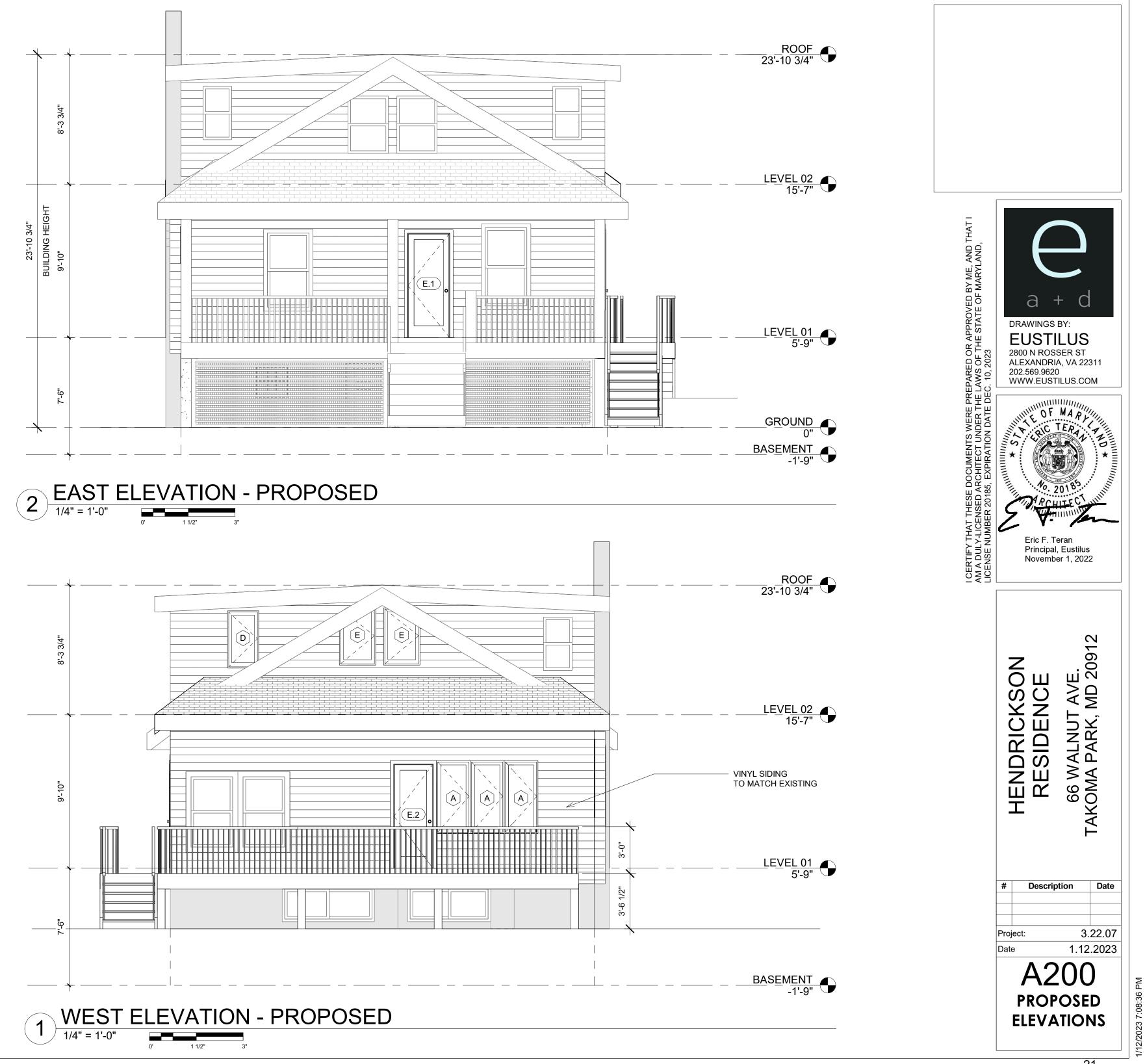
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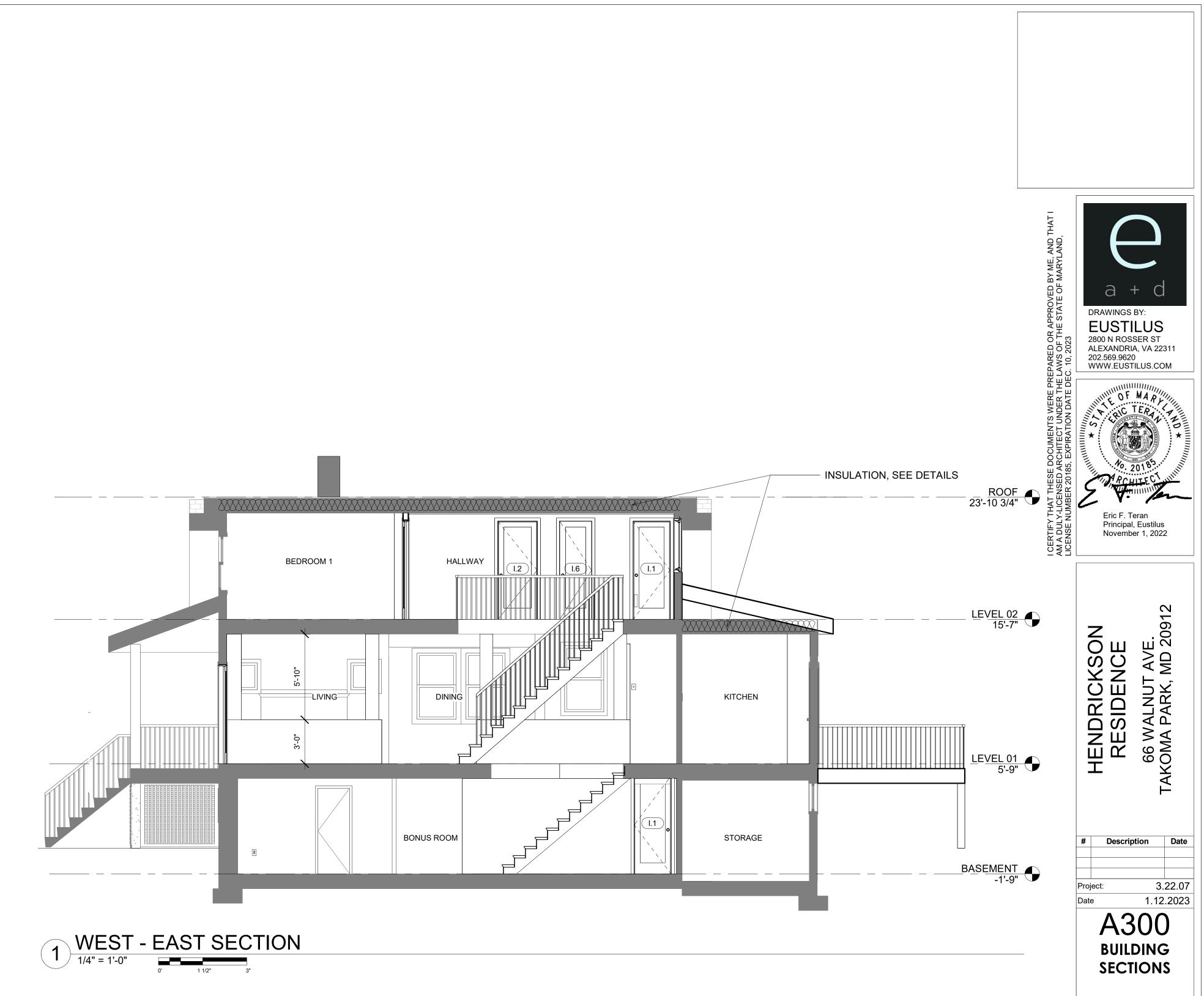
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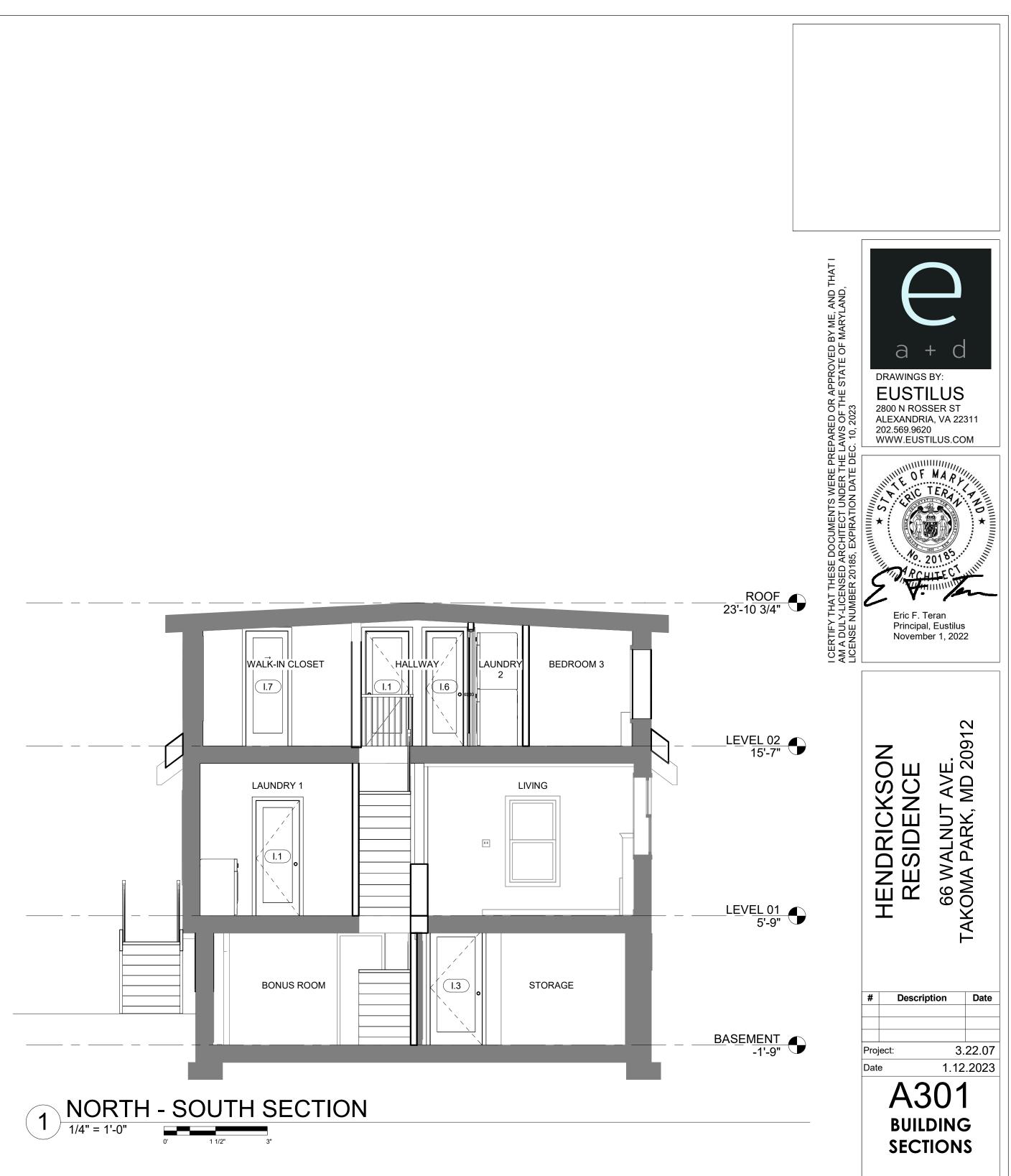




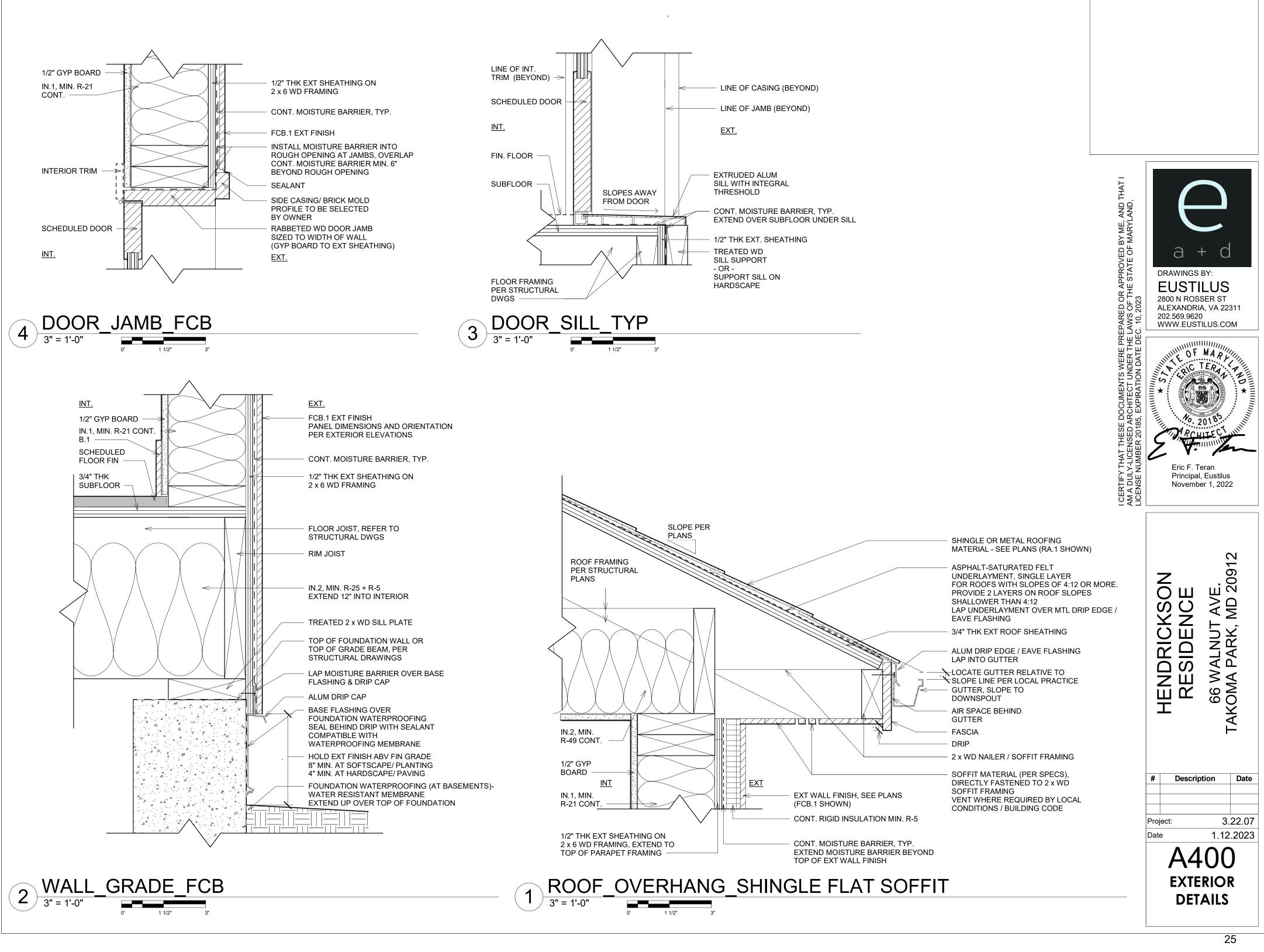




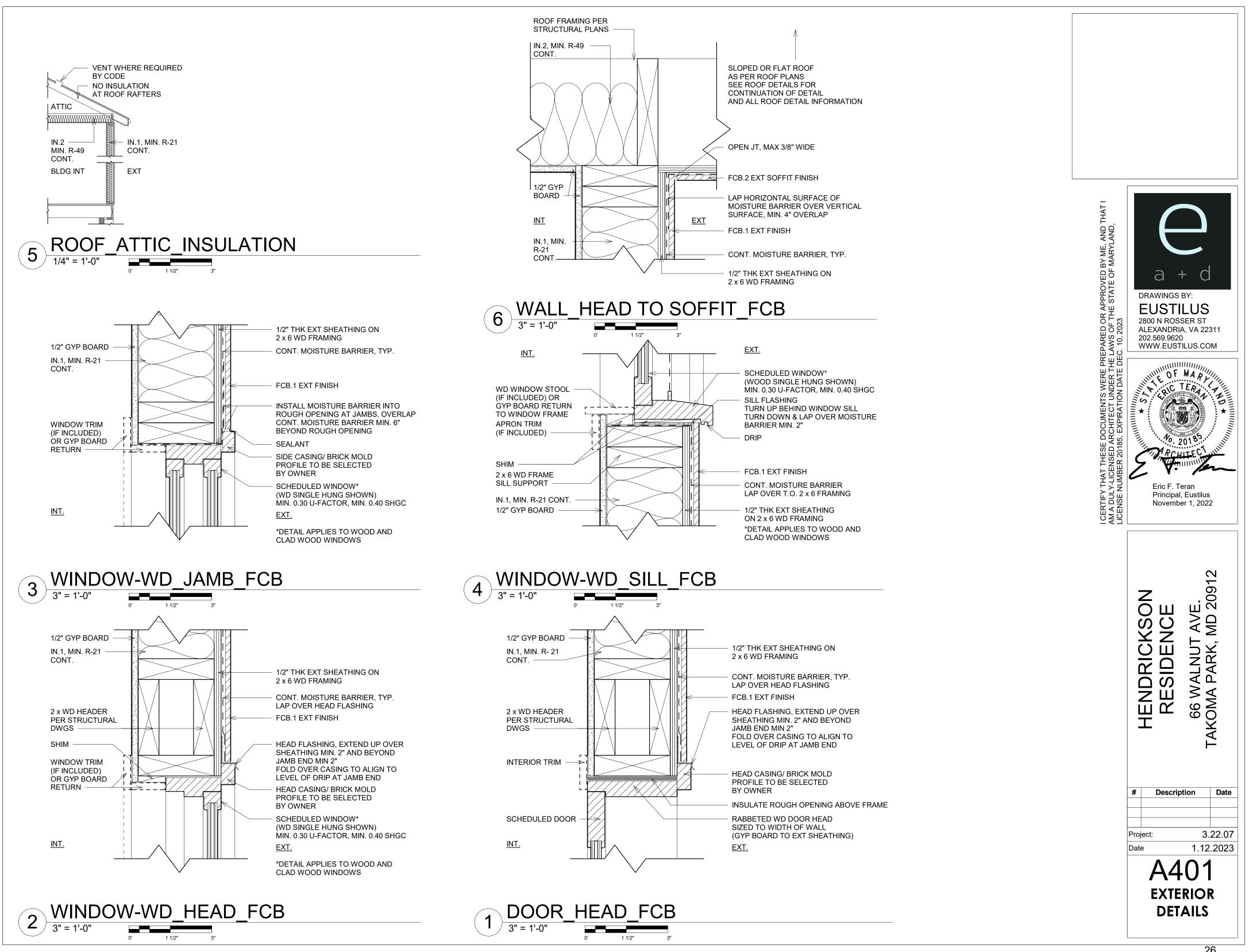
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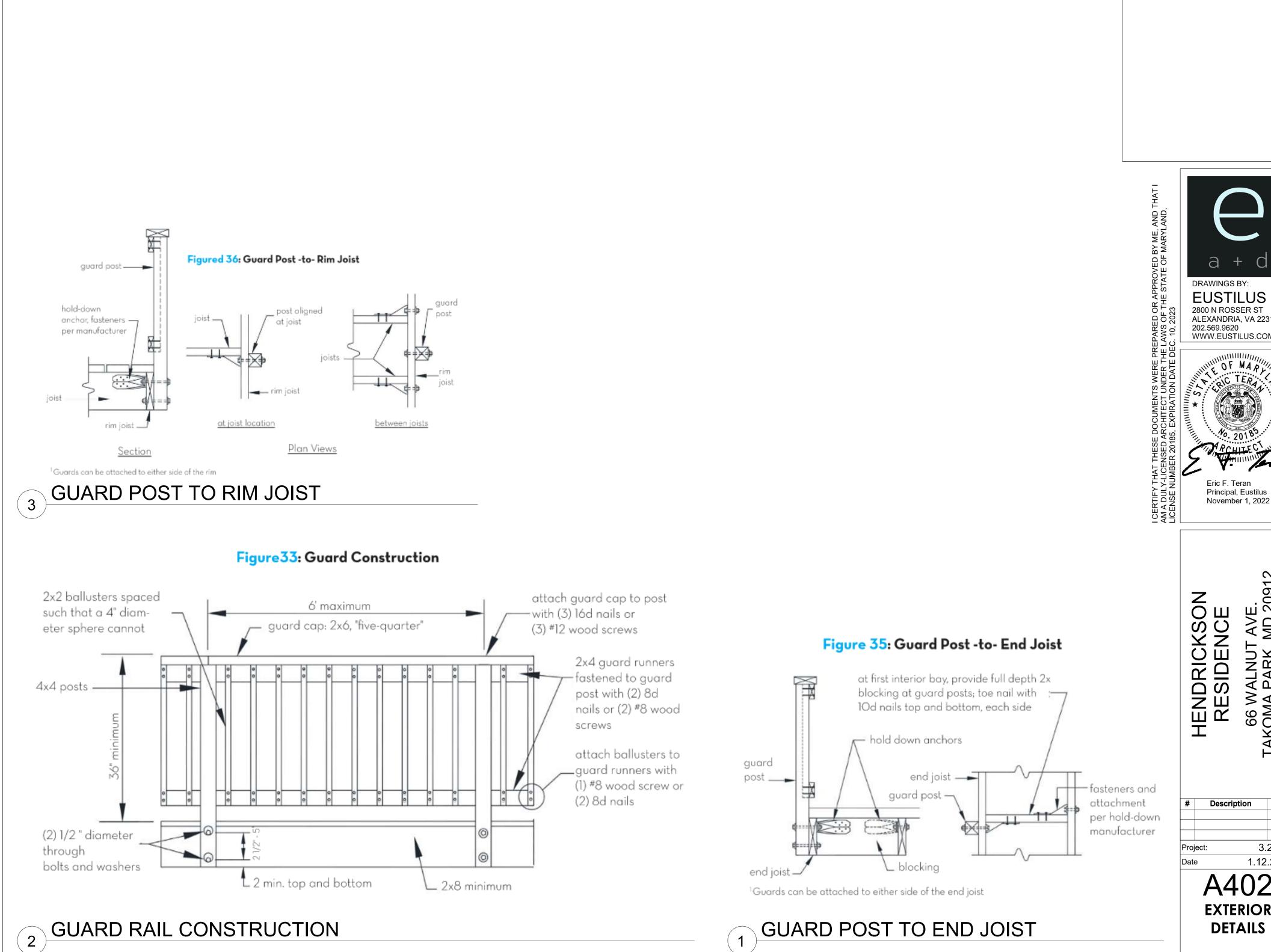
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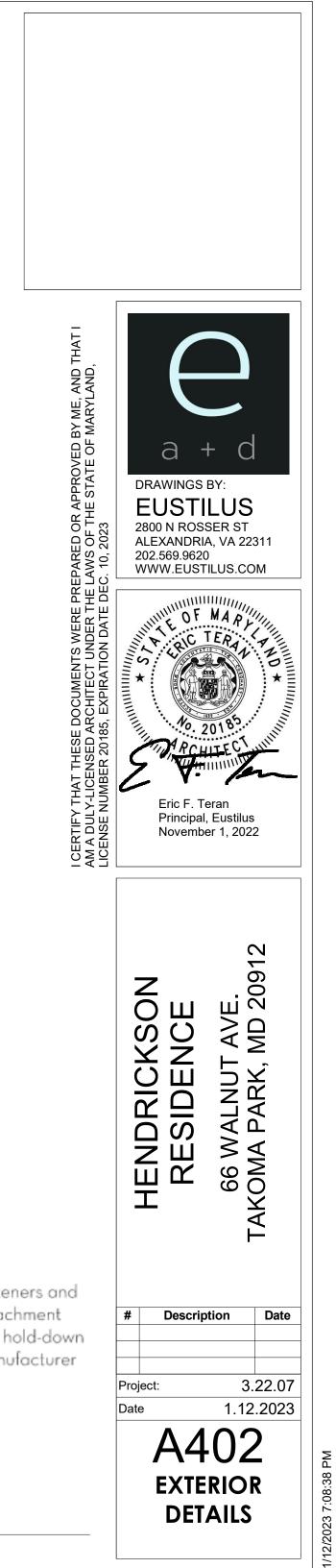


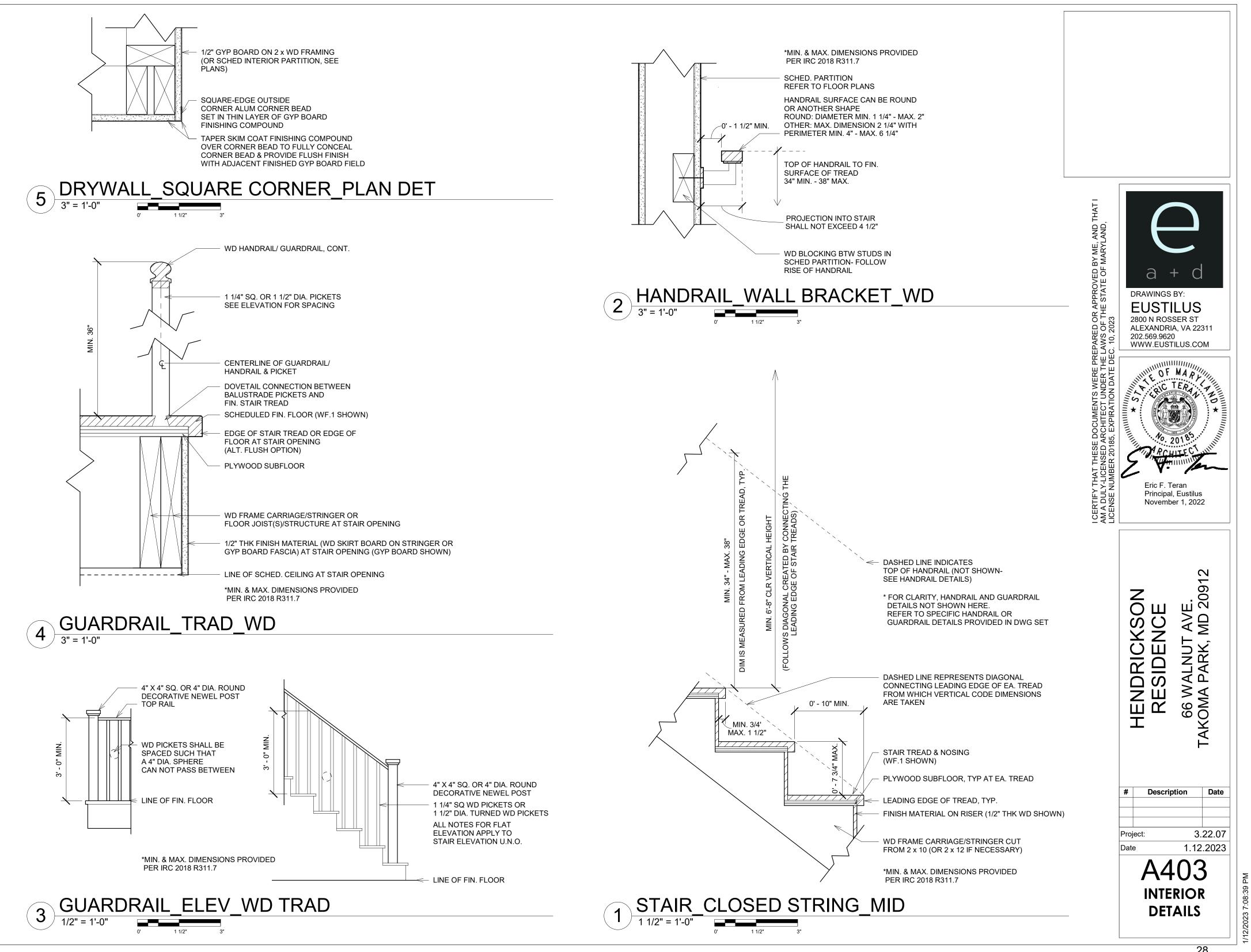
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MARK	WIDTH	HEIGHT	HEAD HEIGHT	TYPE	COMMENTS	QUANTITY
А	2'-2"	4'-8"	6'-10 3/4"	CASEMENT	Pella® Architect Series® – Traditional Wood Casement Window OR EQUAL	3
В	2'-6"	4'-9"	7'-9"	CASEMENT	Pella® Architect Series® – Traditional Wood Casement Window OR EQUAL	1
С	1'-6"	4'-9"	7'-9"	CASEMENT	Pella® Architect Series® – Traditional Wood Casement Window OR EQUAL	1
D	2'-0"	3'-8"	6'-8"	CASEMENT	Pella® Architect Series® – Traditional Wood Casement Window OR EQUAL	1
E	2'-4"	3'-8"	6'-10 1/4"	CASEMENT	Pella® Architect Series® – Traditional Wood Casement Window OR EQUAL	2
F	2'-0"	3'-1"	6'-4"	DOUBLE-HUNG	Pella® Architect Series® – Traditional Wood Double-Hung Window OR EQUAL	1
G	2'-4"	3'-5"	6'-6"	CASEMENT	Pella® Architect Series® – Traditional Wood Casement Window OR EQUAL	2

6.

ALL WINDOWS TO BE PAINTED EXTERIOR, PRIMED INTERIOR, LOW-E UNLESS NOTED OTHERWISE. ALL GLAZING IN HAZARDOUS LOCATIONS AS DEFINED BY IRC §308.4 SHALL BE SAFETY GLAZING AND 1. 2.

BE LABELED PER IRC §308.1 ALL WINDOWS AND GLASS IN WET AREAS SUCH AS RESTROOMS WILL COMPLY WITH 2406.4.5 3. GLAZING AND WET SURFACES

VERIFY IN FIELD OPENINGS PRIOR TO ORDERING. 4. PROVIDE SAMPLES PRIOR TO ORDERING 5.

ALL NEW WINDOWS ARE REQUIRED TO BE TESTED AND LABELED AS HAVING MET NFRC REQUIREMENTS FOR U FACTOR AND SHGC RATINGS AND AIR LEAKAGE.

		DIMENSIONS				
MARK	WIDTH	HEIGHT	THICKNESS	TYPE	COMMENTS	QUANTITY
E.1	2'-8"	6'-8"	1 3/8"	INSWING	Pella® 2 Panel Solid Wood Entry Door OR EQUAL	1
E.2	2'-6"	6'-8"	1 3/8"	INSWING	Pella® Full-Light Wood Entry Door OR EQUAL	1
E.3	2'-6"	6'-8"	1 3/8"	INSWING	Pella® 2 Panel Wood Entry Door with Half-Light Glass Panel OR EQUAL	1
I.1	2'-6"	6'-8"	1 3/8"	INSWING		5
1.2	2'-8"	6'-8"	1 3/8"	INSWING		2
1.3	3'-0"	6'-8"	1 3/8"	INSWING		1
1.4	5'-0"	6'-8"	2"	<varies></varies>		2
1.5	2'-4"	6'-8"	1/2"	GLASS, INSWING	SHOWER DOOR	1
I.6	2'-2"	6'-8"	1 3/8"	INSWING		2
1.7	2'-6"	6'-8"	1 3/8"	POCKET DOOR		3

#### NOTES:

ALL EXTERIOR DOORS TO BE PAINTED EXTERIOR, PRIMED INTERIOR, LOW-E UNLESS NOTED OTHERWISE. ALL INTERIOR DOORS TO BE ONE PANEL, SOLID CORE UNLESS NOTE OTHERWISE 1. 2. PROVIDE SAFETY GLAZING PER IRC SECTION R308.4. VERIFY IN FIELD OPENINGS PRIOR TO ORDERING.

3. 4. 5.

PROVIDE SAMPLES PRIOR TO ORDERING

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY-LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 20185, EXPIRATION DATE DEC. 10, 2023	<image/> <text><section-header><text><text><text></text></text></text></section-header></text>
ANTITY 3 1 1 1 2 1 2 1 2 1 2 	HENDRICKSON RESIDENCE 66 WALNUT AVE. TAKOMA PARK, MD 20912
1   1   1   5   2   1   2   1   2   3	#     Description     Date       2     .     .       Project:     3.22.07       Date     1.12.2023       A5500     DOOR & WIN       DOOR & WIN     SCHEDULE

 $\sim$ 

DOOR SCHEDULE	
DOON SCHEDULE	

#### **ELECTRICAL NOTES**

1. ALL ELECTRICAL WORK SHALL BE DONE BY A LICENSED ELECTRITIAN AND ALL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. MINIMUM WIRE SIZE FOR ALL CIRCUITING IS #12 AWG. MIN. CONDUIT SIZE SHALL BE 1/2"

2. ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE:

A. ALL OUTLETS LOCATED ON GWB WALL TO BE "LEVITON" DECORA 15A, 125V NEMA 5-15R RECTANGULAR WHITE MFG NO 5325-WSP. B. ALL SWITCHES TO BE "LEVITON" DECORA 15A, 125V ROCKER SWITCH, RECTANGULAR, WHITE, MFG NO 5601-2W.

C. ALL DEVICES COVER PLATES LOCATED ON GWB TO BE "LEVITON" STANDARD WHITE PLASTIC.

D. ALL DIMMER SWITCHES TO BE "LEVITON" DECORA 15A, 120V 600W SLIDE DIMMER RECTANGULAR, WHITE, MFG NO 6631-W. E. ALL JUNCTION BOXES LOCATED ON EXPOSED BRICK WALL OR

EXPOSED CLNG TO BE 4" SQUARE, 1 1/2" DEEP METAL F. ALL OUTLETS COVER PLATES ON EXPOSED BRICK WALL OR TO

BE 4" RAISED METAL RECEPTACLE COVERS. 3. HOMERUN EACH TO A LOCATION TBD BY THE ARCHITECT/OWNER AND

PROVIDE CONNECTION TO INCOMING SERVICE LINES AT REAR OF HOUSE.

4. ALL IC-RATED RECESSED LIGHTING FIXTURES SHALL BE SEALED AT HOUSING/INTERIOR FINISH AND HAVE <= 2.0CFM LEAKAGE AT 75PA (PER IECC 402.4.4).

5. 75% OF LAMP IN PERMANENT FIXTURES OR 75% OF PERMANENT FIXTURES MUST USE HIGH EFFICIENCY LAMPS.

6. THE SEALING MATERIAL METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION. THE RECESSED LIGHTS INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED, AND OTHERWISE SEALED WITH AN AIR BARRIER MATERIAL, SUITABLE FILM, OR SOLID MATTER (PER IECC 402.4)

7. ALL TELEPHONE WIRING TO BE CAT-6, TYP.

8. PANEL TO HAVE MAIN CIRCUIT BREAKER AS PER NEC 240.24 (B). PROVIDE ACCESS.

9. THERMOSTATS - PROGRAMMABLE. HONEYWELL RTH6580WF OR EQUAL.

10. CONTRACTOR TO OBTAIN ALL NECESARY PERMITS AND TO SCHEDULE ALL REQUIRED INSPECTIONS. INCLUDE ALL LOW VOLTAGE OUTLET WORK UNDER THIS CONTRACT.

11. A/C UNITS SHALL HAVE A DISCONNECTING MEANS WITHIN SIGHT OF THE APPLIANCES PER NEC (440.12 (D)

#### **ELECTRICAL FIRE NOTES**

1. ALL ELECTRICAL WIRING, BOXES, CONDUITS, RACEWAYS, CATV AND TELEPHONE WIRING PENETRATING FIRE RESISTANCE RATED MEMBRANCES MUST BE PROPERLY SEALED TO ASSURE THAT THE REQUIRED FIRE RATED RATING IS NOT REDUCE.

UL 263 FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIAL. SIMILAR TO ASTM E119

2. UL 1479 FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. COMPLEMENTARY TO UL 263. SIMILAR TO ASTM E 814

#### 3. 714.3.2 MEMBRANE PENETRATIONS

SHALL COMPLY WITH SECTION 714.3.1. WHERE WALLS OR PARTITIONS ARE REQUIRED TO HAVE A FIRE RESISTANCE RATING, RECESSED FIXTURES SHALL BE INSTALLED THAT THE REQUIRED FIRE RESISTANCE WILL NOT BE REDUCED.

4. PENETRATIONS OF MEMBRANES THAT ARE PART HO A HORIZONTAL ASSEMBLY SHALL COMPLY WITH SECTION 714.4.1.1 OR 714.4.1.2 WHERE FLOOR/CEILING ARE REQUIRED TO HAVE A FIRE RESISTANCE RATING.

5. MEMBRANE PENETRATION BY LISTED ELECTRICAL BOXES OF ANY MATERIAL, PROVIDED THAT SUCH BOXES HAVE BEEN TESTED FOR USE IN FIRE RESISTANCE RATED ASSEMBLIES AND ARE INSTALLED PER INSTRUCTIONS.

#### SMOKE DETECTOR/ CARBON MONOXIDE DETECTORS NOTES

1. ALL SMOKE/CARBON MONOXIDE DETECTORS TO BE HARDWIRED AND INTERCONNECTED. SMOKE/CARBON MONOXIDE DETECTORS TO BE INCLUDED AT:

2. ONE SMOKE DETECTOR/CARBON MONOXIDE IN EACH SLEEPING ROOM

3. ONE SMOKE DETECTOR/CARBON MONOXIDE IN HALLWAY AT VECINITY OF SLEEPING ROOMS

4. MINIMUM ONE SMOKE/CARBON MONOXIDE DETECTOR ON EACH LEVEL

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LEGEND				
	S	SWITCH	÷	
○ <sup>A</sup> RECESSED DOWN LIGHT	s <sup>3</sup>	3-WAY SWITCH	- <del>\</del>	UON. ALL O AFCI, UON.
RECESSED DOWN LIGHT W/ SHOWER TRIM	s <sup>D</sup>	DIMMER SWITCH	GFI	DUPLEX OU GROUND F/
	$\bigtriangleup$	TELEPHONE JACK	GFI <sup>-</sup>	GFI
$\bigcirc^{A}$ SURFACE MOUNTED		INTERNET, CAT6	EXT	DUPLEX EX
$\stackrel{A}{\longrightarrow}$ UNDER CABINET LIGHT	$\vdash \bigcirc$	GARBAGE DISPOSAL		CABLE TV, I
A	$\square$	BATHROOM VENT	CTV	CABLE/INTE
	$\bigcirc$	SMOKE & CARBON		OWNER
CEILING FAN	0	MONOXIDE DETECTOR		

#### (EXISTING) 200A MAIN BREAKER ELECTRICAL PANEL

15	1	1ST FLOOR BR KITCHEN LIGHTS	2	15	1	BASMENT KITCHEN
15	1	GEN. LIGHTING BASEMENT	4	20	1	1ST FLOOR AC
15	1	GEN. LIGHTING 1ST FLOOR	6	20	1	1ST FLOOR RECEPTICALS
15	1	OUTLETS FRONT WALL	8	20	1	REFRIGERATOR
15	1	BASEMENT LIGHTS AND OUTLET	10	20	1	
15	1	BASMENT LIGHTS	12	20	1	KITCHEN STOVE OUTLET
20	1	SMALL APPLIENCES	14	15	1	AC/WINDOW
20	1	GEN. LIGHTING	16	20	1	AC/WINDOW
20	1	AC/KITCHEN/2ND FLOOR	18	20	1	AC/WINDOW
20	1	FRONT PORCH	20	20	1	MINI SPLIT
20	1		22	20	1	
20	1		24	40	1	

NOTE: LICENSED ELECTRICAL CONTRACTOR TO VERIFY ALL OUTLETS, FIXTURES AND APPLIANCES PRIOR TO PULLING WIRE. CONTRACTOR TO CALCULATE THE LOAD AND BALANCE BOX. ALL WORK SHALL BE IN COMPLIANCE W/ ALL LOCAL AND APPLICABLE CODES.

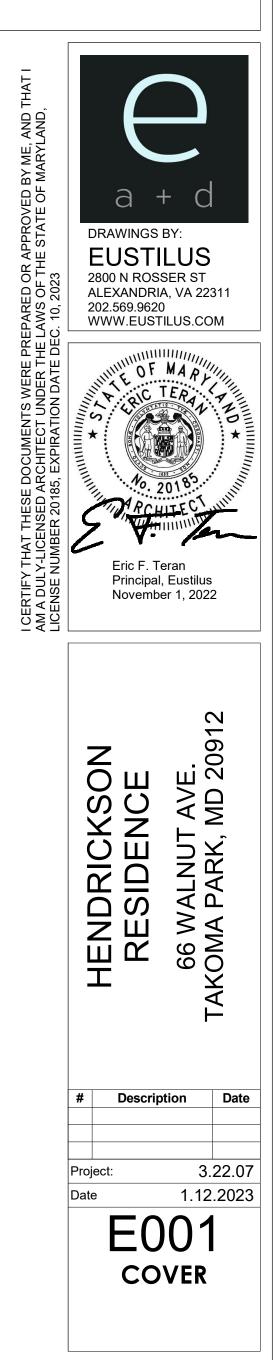
ING SCHEDULE			
DESCRIPTION	WATTS	LUMENS	MAIN
RECESS DOWN LIGHT (LED)	19	1,234	48
WALL SCONCE, INT. (LED)	12	1,500	3
SUSPENDED PENDANT FIXT. (LED)	12	1,500	1
WALL SCONCE, EXT. (LED)	38	1,220	5
RECESS DOWN, WET (LED)	19	1,234	2

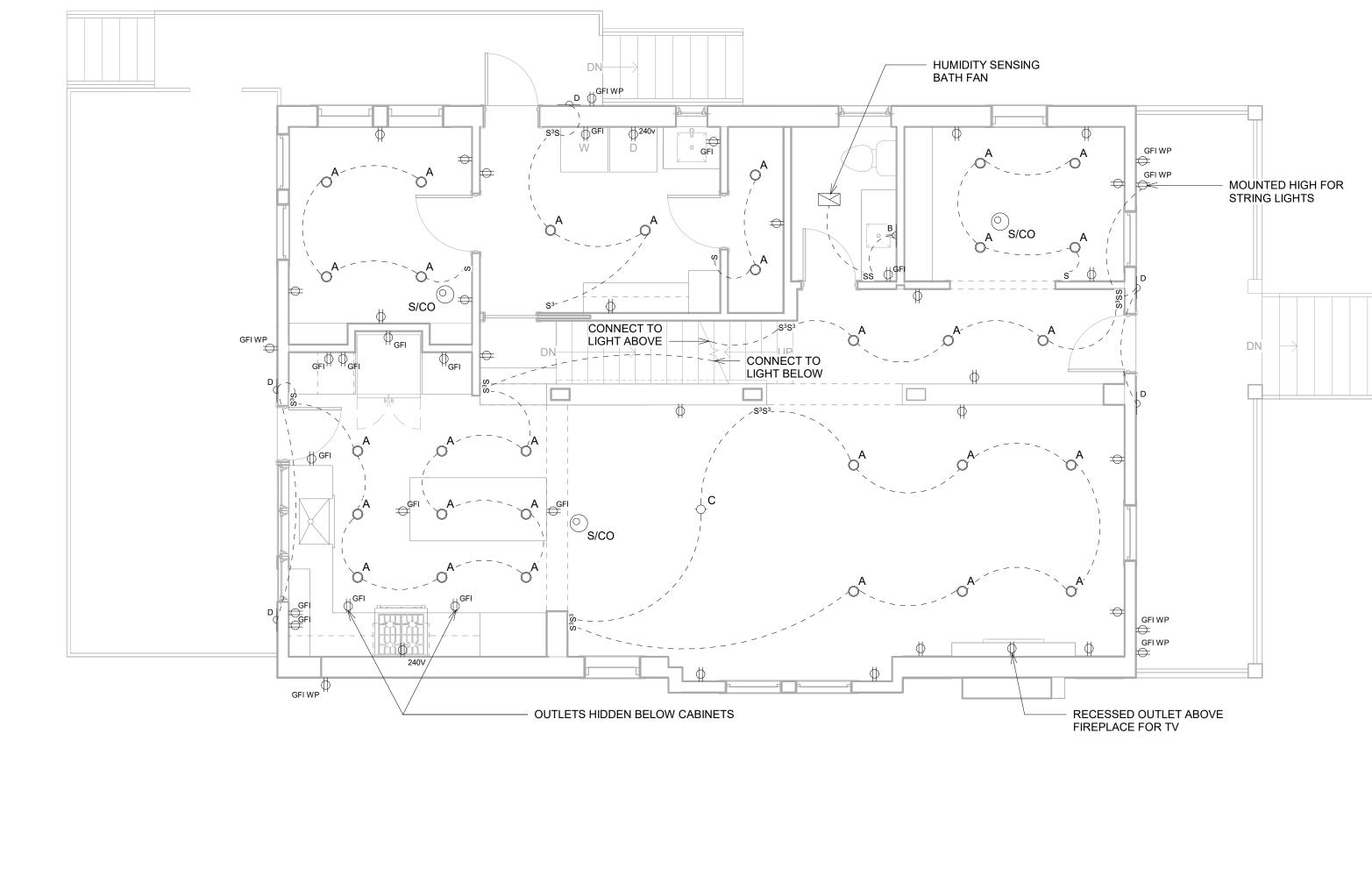


UTLET W/ FAULT INTERRUPT,

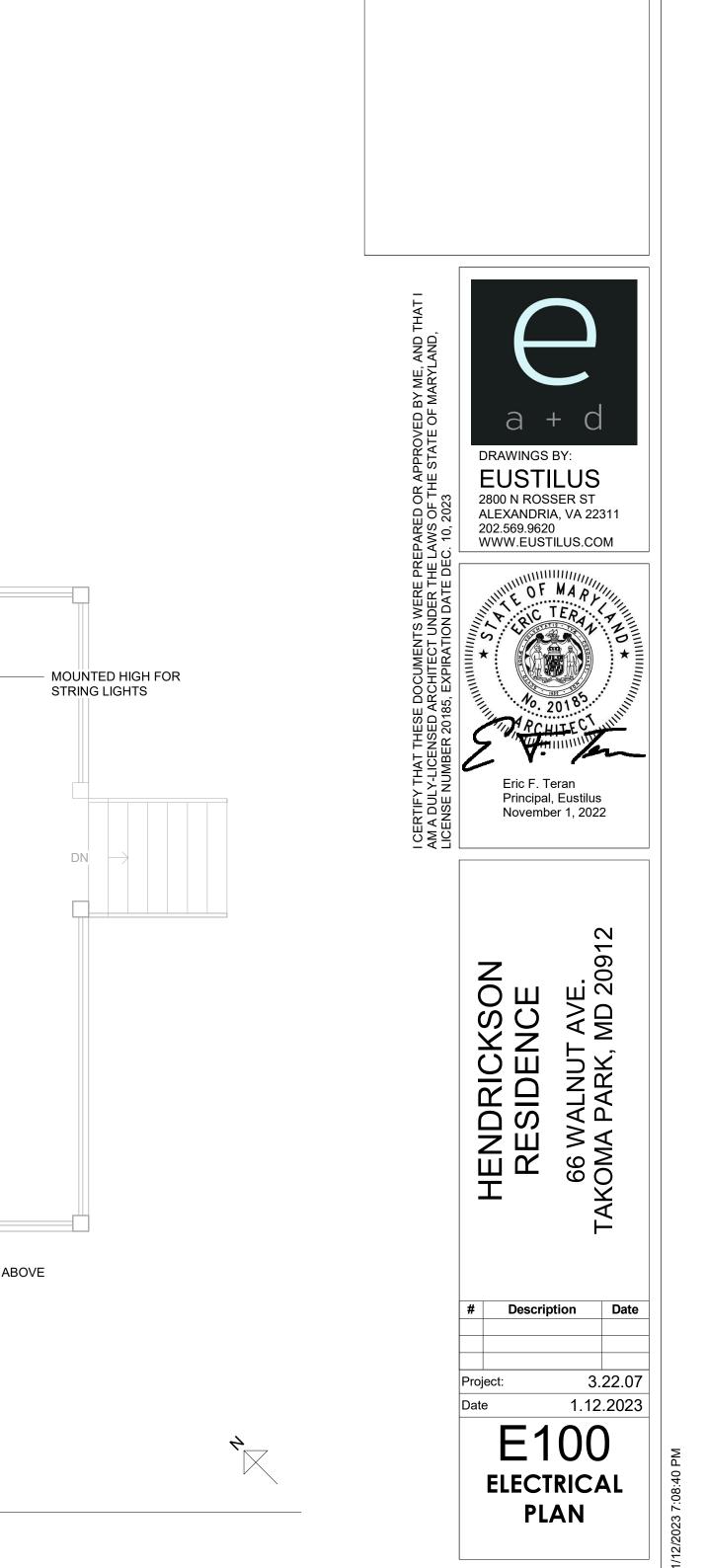
**XTERIOR OUTLET** 

HOMERUN ALL ERNET TO LOCATION, VIF W/

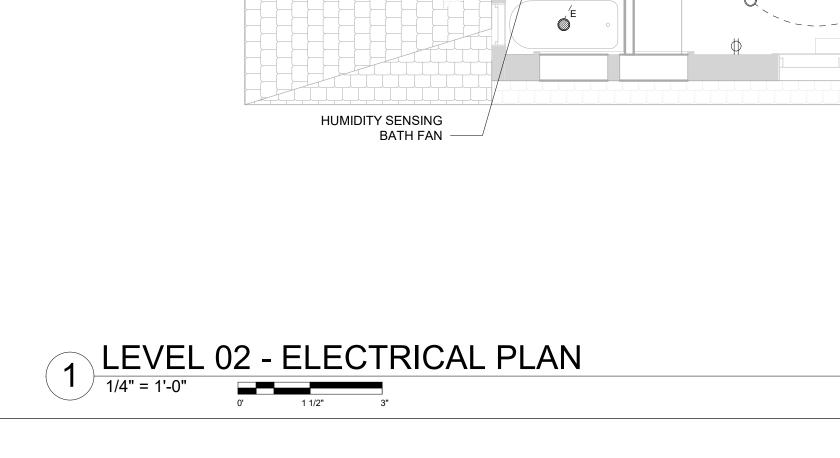


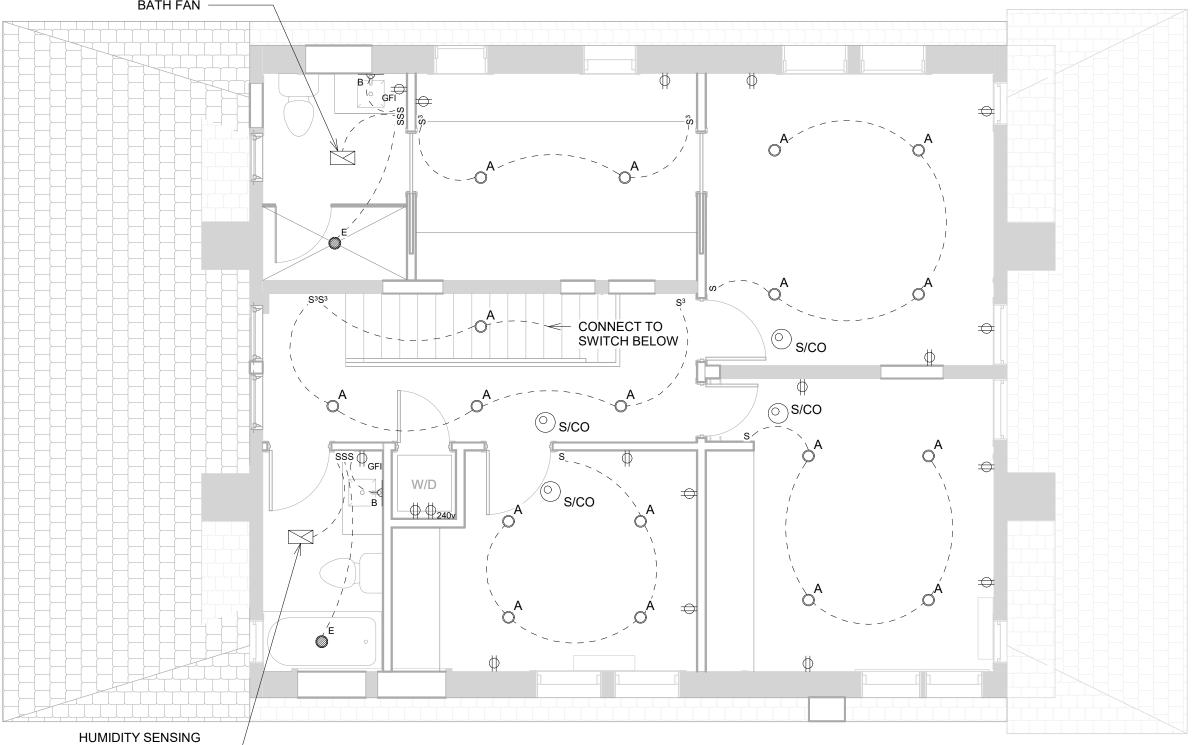


1 <u>LEVEL 01 - ELECTRICAL PLAN</u> 1/4" = 1'-0"

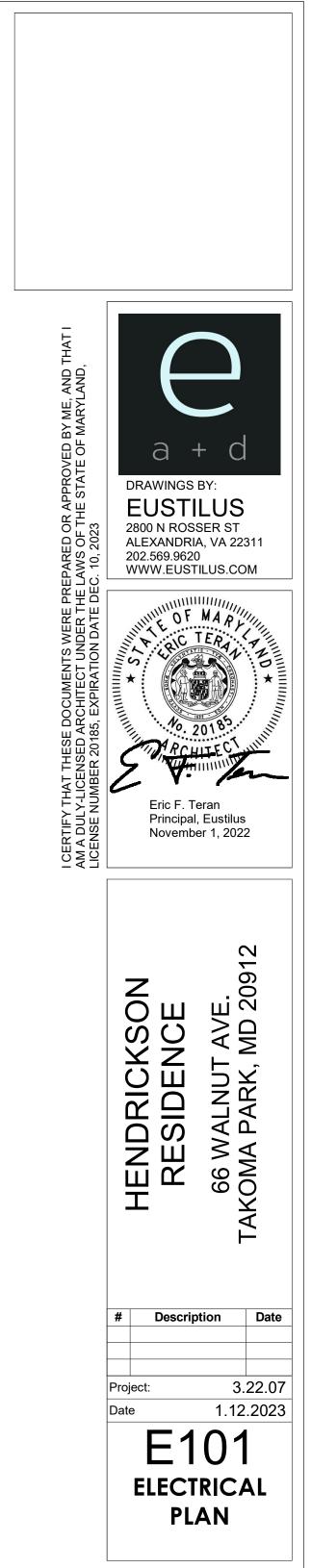


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HUMIDITY SENSING BATH FAN



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