#### **VILLAGE OF HASTINGS-ON-HUDSON**

Zoning Board of Appeals

<u>Application and Procedure for Application for Variance/Interpretation/View Preservation</u>



Case number:	Date of application: 29 SEPTEMBER 2021								
	Property owner: ARTHUR G. MITTON, IV AND LAURA C. MITTON  Property address: 45 CHESTNUT DRIVE								
Name all streets on which the property is located: CHESTNUT DRIVE  Sheet: 4.40 Block: 41 Lot/Parcel: 13 Zoning District: R-10									
Applicant: GOTHAM DESIGN AND COMMUNITY DEVELOPMENT Standing of applicant if not owner: AGENT FOR OWNER Address: 329 BROADWAY, DOBBS FERRY, NY 10522									
Daytime phone number: 914-693-5093 Fax number: 914-693-5390  E-mail address: arch329@gmail.com; archbgo@optonline.net									
ZBA action requested for (See §295-146B & C : Use Variance/s; Interpretation; View Preservation (See §295-82)									
List code section	ns & provisions from which the	e variance or interpretation is re	equested:						
Section*	Code Provision*	Existing Condition*	Proposed Condition*						
295-68 F(1)a 295-68 F(1)a		27.75 TO EX. PORCH 30.50 TO EX. HOUSE	23.25 TO PROP'D PORCH 23.75 TO STAIR ADDITION						
295-20 D(2)	FRONT YARD PRON	OUNCED UNIFORMITY	OF ALIGMENT						
295-68 G	FAR 0.316 - 3,434 SF	0.146 - 1,589 SQ.FT.	0.354 - 3,838 SQ.FT.						
295-68 F(1)c	295-68 F(1)c 2 SIDEYARDS 30 FT.   12.4 TO EX. GARAGE   12.4 TO PROP ROOF DECK								
*See example	below:	,							
295-68F.1a	Front Yard Min. 30 ft. deep	26.5 ft	19.5 ft						
295-68A	Permitted Principal Use	Single Family Home	Conversion to Dental Office						

#### **VILLAGE OF HASTINGS-ON-HUDSON**

Zoning Board of Appeals Zoning Analysis



#### **ZONING REQUIREMENTS:**

YARD SETBACKS
(Principal Structure

	REQUIRED	EXISTING	PROPOSED
FRONT	30	27.75 (PORCH)	23.25 (PORCH)
REAR	30	57.6 +/	51.0 +/-
SIDE ONE	12	12.0	NO CHANGE
SIDE TWO		12.4	NO CHANGE
TOTAL OF TWO SIDES	30	24.4	NO CHANGE

### YARD SETBACKS (Accessory Structure)

		REQUIRED	EXISTING	PROPOSED
TO PRINCIPAL BLDG.				
REAR	N/A			
SIDE	N/A			

#### **BUILDING HEIGHT**

	PERMITTED	EXISTING	PROPOSED
STORIES	2.5	1.0	2.5
FEET	35	22.42	34.5

#### LOT COVERAGE

	PERMITTED	EXISTING	PROPOSED
LOT AREA	10,000 SQ.FT.	12,870.25 SQ.FT.	NO CHANGE
*BLDG. COVERAGE/ % OF LOT AREA	25%	18.33%	23.30%
*DEVELOPMENT COVERAGE / % OF LOT AREA	35%	22.25%	27.81%

\*See Definitions of Building and Development Coverage in Section 295-5 of the Village code.

#### OCCUPANCY AND USE

	PERMITTED	EXISTING	PROPOSED				
CURRENT USE**	ONE FAMILY	ONE FAMILY	NO CHANGE				
** Cingle Family Tue Family Commercial Miyed Hoo etc							

<sup>\*\*</sup> Single Family, Two Family, Commercial, Mixed Use etc.

·			
FLOOR AREA RATIO	0.316	0.146	0.354
FLOOR AREA RATIO		1,589	3,838

#### **VILLAGE OF HASTINGS-ON-HUDSON**

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List any previous application or appeal filed with The Zoning Board of Appeals for this premises:

Date of Appeal	Purpose of the Appeal	Resolution if any	Date of Action
List pending v	violations on this property if any:		
Is there an ap	oproved site plan for this property?:	(Yes)	(No)
Is there an A	ccessory Apartment at this property?:	(Yes)	(No)
Does this pro	perty have Boarder's Permit?:		(No)
or area) soug explain the is Submit a flash drive a property survey show photographs, etc. as	ecessary and demonstrate how the variance satisfient. The criteria for the two types of variances are sue. If you wish you may also state your argume and a total of three (3) copies (residential) or eight (8) copie ving the existing and proposed construction and all other sunecessary to describe and support your application) with receives prior to the date of scheduled meeting of the Zoning Bo	e attached. (If an interpr nt for how the issue show es (commercial), of the applic apporting documents (plans, of equired fee, to the Office of the	etation is sought, uld be resolved.) cation along with the drawings, site maps,
STATE OF NEW COUNTY OF WE	YORK STCHESTER ss.:		
	and say that all of the above statements and state nection with this application are true:	ements contained in all p	papers I have
	Appli ne thisday _, 20	cant	
Notary Public			

#### Padriac Steinschneider

**GOTHAM** 

Gotham Design & Community Development Ltd. 329 Broadway

Dobbs Ferry, New York 10522 (914) 693-5093 • Fax: (914) 693-5390

Cell (914) 906-4802 <u>arch329@gmail.com</u>

September 29, 2021 - Revised

Hastings-on-Hudson Building Department 7 Maple Street Hastings-on-Hudson, New York 10706

Re: 45 Chestnut Drive - ZBA Application

Dear Mr. Minozzi, Building Inspector:

This letter is to submit an application to the Zoning Board of Appeals for the above referenced property. The owner recently purchased the property with the intent of significantly renovating the existing building, including a second floor addition above the existing one story structure, a two story addition on the back of the existing house, a new deck on the back of the house replacing the existing, and the construction of a porch and staircase on the front of the house.

We understand that there is an issue with the fact that the existing house is closer to the street right-of-way line than the Code requires. We are intending to add to the front of the house, which will reduce that setback further. The Code requires a front yard setback of 30 feet, whereas the existing house has a setback of 27.75 feet from the front property line. The stair tower and front porch that we are proposing reduces this setback to 23.25 feet.

### The applicant requests a variance to permit the reduction of the required front yard setback from 30 feet to 23.25 feet, a reduction of 6.75 feet

It is our understanding that the Code specifically addresses this situation application in that, while the setback we are proposing is less than the 30 feet required, it is further setback than the average of the building on the neighboring properties on the same side of the street. Section 295-20D.(2) specifically permits a reduction in the front yard setback to be considered, when the proposed setback will be consistent with the character of the neighboring properties. The property to the east of the subject property has a setback of approximately 5 feet. The property to the west of the subject property has a setback to the front property line of approximately 8 feet. The next property to the west has a front setback to the property line of approximately 19 feet. The next two property to the west appear to have no setback to the front property line.

We also understand that there is an issue with the increase in floor area resulting from the proposed additions, which will cause the floor area to exceed the floor area ratio permitted for this property. With a site area of 10,870 square feet, Appendix B referenced in Section Section 295-53.1 imposes a restriction for a lot not exceeding 10,900 square feet that the floor area within the building not exceed a ratio of 0.316 for the floor area in the house divided by the area of the lot. This ratio limits a 10,870 square foot lot to a maximum floor area of 3,435 square feet. The existing house has a floor area of 1,608 square feet including a garage with 244 square feet of floor area. 1,608 square feet on a 10,870 square foot lot results in a floor area ratio of 0.1479.

Letter to Building Inspector Minozzi

Re: 45 Chestnut Application to the Zoning Board of Appeals

September 29, 2021 - Revised

Page two of three.

The owners of the house intend to totally renovate the existing house and to make several additions, including the following:

First floor kitchen addition Second floor bedroom addition Front stair addition Second floor addition above first	252 sq.ft. 294 130 1,345	
Total additional conditioned space	2,021 sq.ft.	0.1859 ratio
Covered front porch addition	154 sq.ft.	
Sub-Total additional floor area	2,175 sq.ft.	0.2000 ratio
Existing first floor area	1,364 sq.ft.	0.1255 ratio
Existing garage	244 sq.ft.	
Total proposed floor area	3,783 sq.ft.	0.3480 ratio

The proposed floor area of 3,783 square feet, which includes the existing garage and the proposed covered front porch, has an FAR ratio of 0.348, exceeding the allowable of 0.316 by 0.032; a variance of 9.1%.

It should be noted that the 3,783 square feet proposed includes the covered front porch with an area of 154 square and the existing garage with an area of 244 square feet. Hastings-on-Hudson requires that these uses be considered as floor area, even though they do not qualify as habitable area. Similarly, 560 square feet of the area that is counted as the second floor is actually a vaulted area that open to the first floor below. The actual habitable floor area in the house will be 2,825 square feet.

We understand that there is also an issue with the west side yard setback, which is currently 12.4 feet, where 18 feet is required. While we intend to redress the exterior of the existing garage, it will otherwise remain unchanged in use and dimension. However, we are proposing to change the roof line of the garage from being a pitched roof to being a flat roof.

The applicant requests a variance to permit changes to the roof on an existing structure that has a 12.4 foot setback to a side line where 18 feet is required, a deficiency of 5.6 feet.

Submitted with this letter, please find the following:

A. A set of 18 sheets of drawings prepared by Gotham Design & Community Development Ltd., under the supervision of Laura Wakefield, Registered Architect, dated as Submitted for a Building Permit September 28, 2021.

Letter to Building Inspector Minozzi
Re: 45 Chestnut Application to the Zoning Board of Appeals
September 29, 2021 - Revised
Page two of three.

- B. A fully executed Application to the Zoning Board of Appeals for variances.
- C. A check in the amount of \$250 made payable to the Village of Hastings-on-Hudson.

We understand that Notice will be required for this application to neighbors and we are prepared to provide that mailing.

Please let us know if there is anything else that you need from us to process this Application and issue the required Building Permit.

Thank you for your time and attention,

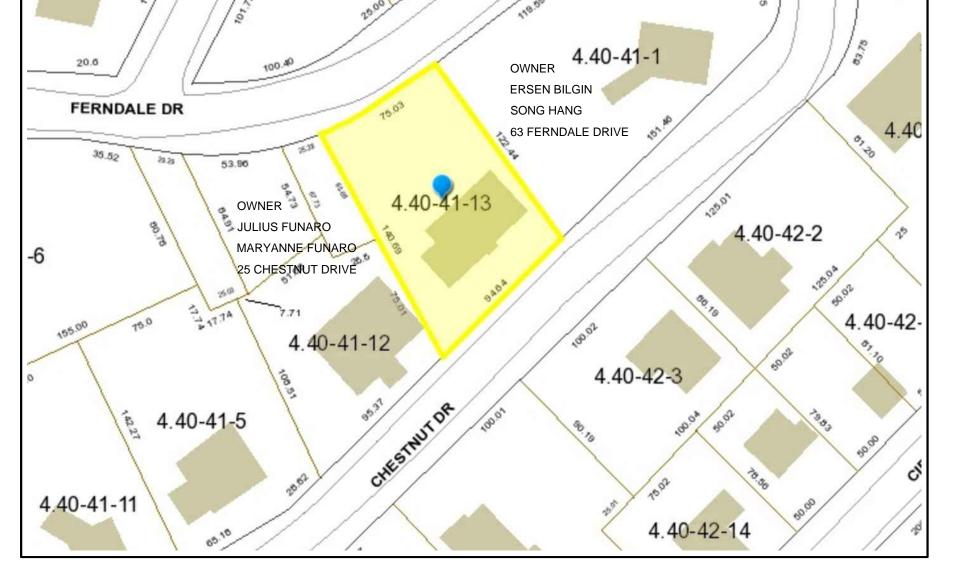
Paddy Steinschneider As Agent for Andy and Laura Mitton, Property Owner

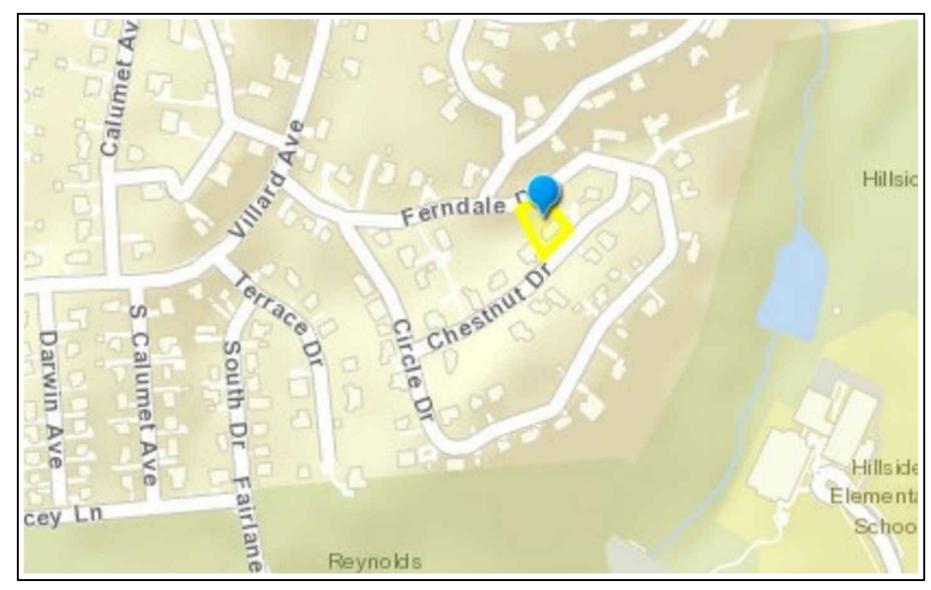
## MITTON RESIDENCE

### 45 CHESTNUT DRIVE

### HASTINGS-ON-HUDSON N.Y. 10706









## VICINITY MAP NOT TO SCALE



#### Village of Hastings on Hudson Building Department 7 Maple Ave. Hastings on Hudso, NY 10706 (914) 478-3400 ext. 613

						(314)470-2	9400 EAL, 015			5701	2.00		
				CLIMAT	IC AND GEOGR	RAPHIC DES	SIGN CRIT	ERIA (Effect	ive 10/3/20	116)	##		
ocation:	Village of Hasti	ngs on Hudson										Zip Code:	10706
		Wind Design				Subject to Damage From		rom					
Ground Snow Load	Speed (mph)	Topo Effects	Special Wind Region	Wind-borne Debris Zone	Seismic Design Category (RCNY Only)	Weathering	Frost Line Depth	Termite	Climate Zone	Ice Barrier Underlayment Reqd	Flood Hazards	Air Freezing Index	Mean Annua Temp
30	*Special Wind Region	NO	Yes	NO	c	Severe	42"	Moderate to Heavy	4A	YES	"FIRM COMMUNITY-PANEL MAP# 36119C0261F EFFECTIVE DATE, 9-28-2007	2000	51.6

\* 115 MPH to 120 MPH. The special wind region should serve as a warning to design professionals in evaluating wind loading conditions. Wind speeds higher than the derived values taken from Section 1609 of the IBC and Figure R301.2(4)A of the IRC are likely to occur and should be considered in the design.

\*\* State if applicable. For Flood Hazards the Design Professional shall state if they are applicable, Y/N. Verify with FIRM Maps. Maps are available on the FIMA web site http://www.floodmap.floodsimple.com/

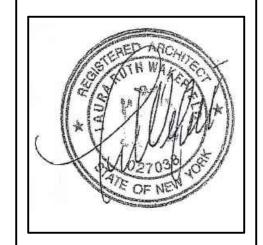
		1	NSULATION AND	FENESTRA	TION REQUI	REMENTS	BY COMP	ONENT		
CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	GLAZED FENSTRATION SHGC	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE & DEPTH	CRAWL SPACE WAL R-VALUE
		TABLE R4	102.1.2 INSULATION	AND FENEST	RATION REQU	REMENTS B	Y COMPONE	NT		
4A	0.35	0.55	0.4	49	20 or 13+5	8/13	19	10/13	10, 2 FT	10/13
7			TABLE	E R402.1.4 EQU	IVALENT U-FA	CTORS	***************************************			
4A	0.35	0.55		0.026	0.06	0.098	0.047	0.047	0.059	0.065

#### CODE COMPLIANCE NOTES:

- 1. ALL PROPOSED WORK HAS BEEN DESIGNED IN ACCORDANCE WITH AND SHALL BE PERFORMED AND COMPLETED IN FULL COMPLIANCE WITH THE 2020 NEW YORK STATE RESIDENTIAL BUILDING CODE, NOVEMBER 2019 EDITION.
- 2. ALL ELECTRICAL WORK HAS BEEN DESIGNED AND SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE NFPA 70 2017 EDITION.
- 3. ALL PLUMBING WORK HAS BEEN DESIGNED AND SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 NEW YORK STATE RESIDENTIAL BUILDING CODE, NOVEMBER 2019 EDITION.
- 4. ALL MECHANICAL WORK HAS BEEN DESIGNED AND SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 NEW YORK STATE RESIDENTIAL BUILDING CODE, NOVEMBER 2019 EDITION.
- 5. THE PROPOSED WORK HAS BEEN DESIGNED IN ACCORDANCE WITH AND SHALL BE PERFORMED AND COMPLETED IN FULL COMPLIANCE WITH THE 2020 NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE RESIDENTIAL PROVISIONS, LATEST EDITION. BY AFFIXING A SEAL AND SIGNING THIS SET OF CONSTRUCTION DOCUMENT, THE REGISTERED DESIGN PROFESSIONAL HEREBY ATTESTS THAT, TO THE BEST OF HIS OR HER KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE CODE.
- 6. THIS BUILDING IS TYPE 5B CONSTRUCTION.
- 7. THIS BUILDING'S USE IS OCCUPANCY CLASSIFICATION R-3.

ZONING ZONING BOARD BUILDING DEPARTMENT DETERMINATION OF APPEALS PERMIT 09-28-2021 09-28-2021 LIST OF DRAWINGS CS LIST OF DRAWINGS, LOCATION MAPS, CODE COMPLIANCE NOTES | ● 07-15-2021 | ● 08-05-2021 | ● 09-28-2021 | ● 09-28-2021 GN GENERAL NOTES, GREEN BUILDING NOTES, CONSTRUCTION SEQUENCE | ● 09-28-2021 | ● 09-28-2021 TE-1 BUILDING THERMAL ENVELOPE, NOTES, AND DETAILS ● 09-28-2021 ● 09-28-2021 EXISTING CELLAR AND FIRST FLOOR PLAN EX - 1 | ● 07-15-2021 | ● 08-05-2021 | ● 09-28-2021 | ● 09-28-2021 | ● 07-15-2021 | ● 08-05-2021 | ● 09-28-2021 | ● 09-28-2021 EX - 2 **EXISTING ELEVATIONS** EXISTING AND PROPOSED SITE PLANS, ZONING TABLE | ● 07-15-2021 | ● 08-05-2021 | ● 10-11-2021 | ● 10-11-2021 A - 1 ● 09-28-2021 **●** 09-28-2021 A - 1.1 PROPOSED EROSION CONTROL AND STORM DRAINAGE PLAN AND DETAILS A - 2.0 ● 07-15-2021 | ● 08-05-2021 | ● 09-28-2021 | ● 09-28-2021 PROPOSED CELLAR PLAN, FINISH SCHEDULE 07-15-2021 | ● 09-28-2021 | ● 09-28-2021 A - 2.01 PROPOSED FOUNDATION PLAN AND FOUNDATION DETAILS ● 07-15-2021 | ● 08-05-2021 | ● 09-28-2021 | ● 09-28-2021 A - 2.1 PROPOSED FIRST FLOOR PLAN ● 07-15-2021 | ● 08-05-2021 | ● 09-28-2021 | ● 09-28-2021 A - 2.2 PROPOSED SECOND FLOOR PLAN, DOOR AND WINDOW SCHEDULES 07-15-2021 ● 09-28-2021 **●** 09-28-2021 A - 2.3 PROPOSED FRAMING PLANS • 07-15-2021 ● 09-28-2021 ● 09-28-2021 A - 2.4 I-JOIST FRAMING DETAILS • 07-15-2021 09-28-202109-28-2021 A - 2.5 I-JOIST ROOF FRAMING DETAILS ● 07-15-2021 | ● 08-05-2021 ● 09-28-2021 **●** 09-28-2021 A - 3.1 PROPOSED SOUTHEAST AND SOUTHWEST ELEVATIONS ● 07-15-2021 | ● 08-05-2021 | ● 09-28-2021 | ● 09-28-2021 PROPOSED NORTHEAST AND NORTHWEST ELEVATIONS A - 3.2 • 07-15-2021 09-28-2021 | 09-28-2021 A - 4.1 PROPOSED SECTIONS AND DETAIL SECTIONS 07-15-2021 09-28-202109-28-2021 A - 4.2 PROPOSED DETAIL SECTIONS

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT OF THE UNDERSIGNED, THE PLANS AND SPECIFICATIONS DEPICTED ON THESE DRAWINGS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISION OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE CURRENTLY IN EFFECT



## ARCHITECT 329 BROADWAY

329 BROADWAY DOBBS FERRY, NY 10522 TEL: 914 693 6165 N.Y.S STATE LICENSE No. 27038

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATIONAL LAW ARTICLE 145 SECTION 7209 FOR ANY PERSON, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY.

> ON RESIDENCE TRUT DRIVE SS-ON-HUDSON, N.Y. 107

### GOTHAM DESIGN

AND COMMUNITY DEVELOPMENT LTD.

329 Broadway Dobbs Ferry, N.Y. 10522 Phone: ( 914 ) 693-5093 Fax: ( 914 ) 693-5390

email: arch329@gmail.com

SHEET TITLE:

COVER SHEET

DATE: DRAWN BY: SSJ

SCALE: CHECKED BY: PRS

CS

#### PROJECT DESCRIPTION

1. THIS PROJECT CONSISTS OF THE RENOVATION AND EXPANSION OF A ONE STORY SINGLE-FAMILY HOUSE. THE EXISTING FIRST FLOOR AND FINISHED BASEMENT WILL BE RENOVATED WITH A NEW KITCHEN AND BATHROOM INSTALLED ON THE FIRST FLOOR AND A NEW BATHROOM INSTALLED IN THE BASEMENT. A SECOND FLOOR WILL BE ADDED ABOVE THE EXISTING FIRST FLOOR. A TWO STORY ADDITION ABOVE A FINISHED BASEMENT WILL BE BUILT ON THE BACK OF THE EXISTING HOUSE TO PROVIDE ADDITIONAL SPACE FOR THE PROPOSED KITCHEN AND A MASTER BEDROOM SUITE ON THE PROPOSED SECOND FLOOR. AN ADDITION WILL BE BUILT ON THE FRONT OF THE HOUSE TO PROVIDE A NEW STAIRCASE CONNECTING THE EXISTING FIRST FLOOR TO THE EXISTING FINISHED BASEMENT AND TO THE PROPOSED SECOND FLOOR. THE ADDITION ON THE FRONT WILL ALSO INCLUDE A COVERED PORCH. THE EXISTING DECK ON THE BACK OF THE HOUSE WILL BE REMOVED AND A NEW DECK BUILT. THE EXISTING PLUMBING AND ELECTRICAL WORK IN THE HOUSE WILL BE UPGRADED AND EXTENDED AS REQUIRED TO ACCOMMODATE THE PROPOSED WORK. THE EXISTING HVAC SYSTEM WILL BE REPLACED WITH A NEW AIR TO AIR HEAT PUMP HEATING AND COOLING SYSTEM. A WHOLE HOUSE ENERGY RECOVERY VENTILATOR SYSTEM WILL BE INSTALLED. SINCE THE PROPOSED WORK EXCEEDS 50% OF THE EXISTING BUILDING, A FIRE PROTECTION SPRINKLER SYSTEM WILL BE INSTALLED.

#### **GENERAL NOTES**

- 2. THESE NOTES PERTAIN TO THE ATTACHED DRAWINGS.
- THESE DRAWINGS, TOGETHER WITH THE SPECIFICATIONS AND CONTRACT FOR CONSTRUCTION, COMPRISE THE CONTRACT DOCUMENTS FOR THIS PROJECT.
- 4. THE DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED AS COMPLEMENTARY. ALL LABOR, MATERIALS, EQUIPMENT, AND APPURTENANCES NECESSARY FOR THE EXECUTION OF THE WORK, IF SHOWN ON THE DRAWINGS BUT NOT DESCRIBED IN THE SPECIFICATIONS, OR IF DESCRIBED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS, AND ANY WORK WHICH IS NECESSARY TO COMPLETE THE WORK WITHIN THE LIMITS ESTABLISHED BY THE DRAWINGS AND SPECIFICATIONS, IS TO BE EXECUTED IN THE SAME MANNER AS THE OTHER PORTIONS OF THE CONTRACT. FOR VERIFICATION CONTACT GOTHAM DESIGN.
- 5. ALL CONSTRUCTION WORK MUST BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE LAWS, REGULATIONS, ORDINANCES, BUILDING CODES, AND REQUIREMENTS OF THE VILLAGE OF HASTINGS ON HUDSON, THE COUNTY OF WESTCHESTER, THE STATE OF NEW YORK, THE FEDERAL GOVERNMENT, AND ALL OTHER AUTHORITIES HAVING JURISDICTION OVER THE WORK TO BE PERFORMED.
- 6. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE, NOVEMBER 2019 EDITION, AND THE PRESCRIPTIVE ENERGY REQUIREMENTS OF THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
- 7. EACH CONTRACTOR PERFORMING WORK ON THIS PROJECT IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THEIR WORK, FOR COORDINATING AND SCHEDULING ALL REQUIRED INSPECTIONS OF THEIR WORK, AND OBTAINING ALL REQUIRED APPROVALS OF THEIR WORK FROM ALL AUTHORITIES HAVING JURISDICTION.

#### BUILDING CODE CRITERIA

8. CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA - HASTINGS ON HUDSON NY

#### 9. CONSTRUCTION TYPE: TYPE 5B - COMBUSTIBLE

10. OCCUPANCY: GROUP R-3: ONE FAMILY RESIDENCE

11. FIRE RATINGS: EXTERIOR BEARING WALLS 3/4 HOU

ATINGS: EXTERIOR BEARING WALLS 3/4 HOUR (MODIFIED UL No. U326)
INTERIOR BEARING WALLS 3/4 HOUR (UL No. U317)
COMMON WALLS 2 HOUR (UL 263)
FLOOR CONSTRUCTION 1 HOUR (UL No. L537)
ROOF CONSTRUCTION 3/4 HOUR

THE REQUIREMENTS FOR FIRE RATINGS OF THESE COMPONENTS IN TYPE 5B CONSTRUCTION IS 0 HOURS. THE FIRE RATINGS NOTED ABOVE EXCEED THE REQUIREMENTS.

ALL INTERIOR AND EXTERIOR BEARING WALL, FLOOR, AND ROOF ASSEMBLIES SHALL BE FIRE BLOCKED AS REQUIRED BY CODE.

12. DESIGN LOADS: ROOF DL = 10 PSF SNOW LOAD = 30 PSF FLOOR DL = 25 PSF LL = 40 PSF

13. TAPE AND COMPOUND ALL INSIDE GYPSUM BOARD CORNERS; CORNER BEAD AND COMPOUND ALL OUTSIDE GYPSUM BOARD CORNERS; J-BEAD AND COMPOUND ALL TERMINATION EDGES OF GYPSUM BOARD WHERE EXPOSED. ALL GYPSUM BOARD WORK IS TO BE IN ACCORDANCE WITH GYPSUM CONSTRUCTION HANDBOOK, UNITED STATES GYPSUM, LATEST EDITION.

#### SCOPE OF WORK

- 14. THE CONTRACTOR IS TO FURNISH AND INSTALL ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR COMPLETION OF THIS PROJECT AS INDICATED ON THE CONTRACT DOCUMENTS EXCEPT AS IDENTIFIED AS EXCLUDED IN THE SPECIFICATIONS OR NOTED AS NIC (NOT IN CONTRACT) ON THE DRAWINGS.
- 15. THE ONLY ITEMS TO BE EXCLUDED FROM THE BID PRICE FOR THE CONTRACTED SCOPE OF WORK ARE THOSE IDENTIFIED IN THE BID DOCUMENTS AND IN THE SPECIFICATIONS.
- 16. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH THE QUALITY STANDARDS IDENTIFIED IN THE CORRESPONDING SECTION OF THE SPECIFICATIONS
- 17. EACH CONTRACTOR IS TO FURNISH ALL MATERIALS, LABOR, TOOLS, MACHINERY, SCAFFOLDING, EQUIPMENT, APPURTENANCES, AND APPLIANCES NECESSARY FOR THE PROPER HANDLING AND EXECUTION OF THE WORK.
- 18. EACH CONTRACTOR WILL HANDLE AND STORE THE MATERIALS IN A SECURED AREA, PROTECTED FROM ADVERSE CONDITIONS, IN ACCORDANCE WITH THE MANUFACTURERS' INSTRUCTIONS, SO AS TO MAINTAIN A SAFE AND SECURE WORK SITE, AND SO AS TO PROTECT THE PREMISES AND MATERIALS FROM DAMAGE OR DETERIORATION.

#### SITE WORK

- 19. ALL SITE WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS INCLUDING THE SPECIFIC REQUIREMENTS OF THE VILLAGE OF HASTINGS ON HUDSON BUILDING DEPARTMENT.
- 20. STORM WATER RUNOFF FROM THE PROPOSED ROOF AREAS WILL BE COLLECTED IN ROOF GUTTERS. THESE GUTTERS WILL CONNECT VIA DOWNSPOUTS TO THE EXISTING STORM DRAINAGE SYSTEM.
- 21. ALL EXCAVATED MATERIAL, EXCEPT THAT WHICH WILL BE REQUIRED FOR BACKFILLING, WILL BE REMOVED FROM THE SITE AS SOON AS PRACTICAL. IF STOCKPILING IS NECESSARY, MATERIAL MAY ONLY BE PLACED WHERE INDICATED BY GOTHAM DESIGN AND MUST BE PROTECTED TO PROHIBIT EROSION OR SEDIMENTATION INTO THE EXISTING STREAM, TO ADJACENT PROPERTIES, PUBLIC STREETS, OR SIDEWALKS, AND MAY NOT BE PLACED UNDER THE CANOPY OF TREES.
- 22. ALL EXISTING TREES ON THE PROPERTY SHALL BE PROTECTED AT ALL TIMES AND TEMPORARY FENCING WILL BE INSTALLED AROUND TREES ADJACENT TO THE WORK AREA AT THE DRIP LINE.
- 23. NO MATERIALS OR DEBRIS MAY BE STOCKPILED WITHIN THE DRIP LINE OF ANY TREE AT ANY TIME.
- 24. IN THE EVENT IT BECOMES NECESSARY TO REMOVE ANY TREES ON THE PROPERTY, ALL REQUIRED REMOVAL PERMITS SHALL BE OBTAINED PRIOR TO ANY TREE BEING JEOPARDIZED.

#### COORDINATION

- 25. USE LABELED DIMENSIONS ONLY. DO NOT SCALE DIMENSIONS FROM THE DRAWINGS. FOR CLARIFICATION, CONTACT GOTHAM DESIGN.
- 26. IN THE EVENT OF DIMENSIONAL DISCREPANCIES, CONFLICTS OR MISSING DIMENSIONS, CONTACT GOTHAM DESIGN FOR VERIFICATION PRIOR TO PROCEEDING WITH THE WORK.
- 27. IN THE EVENT OF DISCREPANCIES OR CONFLICTS BETWEEN THE EXISTING CONDITIONS, CONSTRUCTION CONDITIONS, AND THE CONTRACT DOCUMENTS, CONTACT GOTHAM DESIGN FOR VERIFICATION PRIOR TO PROCEEDING WITH THE WORK.
- 28. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE LOCATION OF ALL FRAMING MEMBERS AND SYSTEMS TO BE INSTALLED INCLUDING PLUMBING, HEATING, AIR CONDITIONING, ELECTRICAL, FIXTURES AND OTHER EQUIPMENT TO AVOID CONFLICTS AND UNNECESSARY OR EXCESSIVE NOTCHING. CUTTING. OR OTHER DISTURBANCE OF STRUCTURAL COMPONENTS.
- 29. DO NOT CLOSE-OFF OR OBSTRUCT DRIVEWAYS, STREETS, WALKS, OR OTHER FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, AS REQUIRED BY GOVERNING REGULATIONS.
- 30. CONDUCT DEMOLITION AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES AND TO AVOID DISTURBANCE TO THE EXISTING RESIDENCE.
- 31. ALL CONTRACTORS FURNISHING WORK MUST COOPERATE WITH THE OWNER AND WITH EACH OTHER TO MAINTAIN AN EFFICIENT AND SAFE JOB SITE.
- 32. MAINTAIN EXISTING UTILITIES. DO NOT DISRUPT UTILITY SERVICES TO THE EXISTING RESIDENCE WITHOUT APPROPRIATE AUTHORIZATION FROM UTILITY COMPANIES. IF DISRUPTION OF UTILITIES IS NECESSARY, PROVIDE TEMPORARY SERVICE AS REQUIRED. IN THE EVENT UTILITIES MUST BE DISCONNECTED AND SERVICES INTERRUPTED, CONTRACTOR MUST PROVIDE 48 HOUR ADVANCE NOTICE TO THE OWNER AND OTHER CONTRACTORS FURNISHING SERVICES.
- 33.CONTRACTORS FURNISHING WORK MUST PROTECT ADJACENT EXISTING SURFACES AND NEW WORK AT ALL TIMES. DAMAGES MUST BE CORRECTED IN A TIMELY FASHION AT NO EXPENSE TO THE OWNER OR OTHER CONTRACTORS. EACH CONTRACTOR IS RESPONSIBLE FOR PROTECTING THEIR WORK UNTIL ACCEPTANCE BY THE OWNER.

#### ISPUTES

- 34. GOTHAM DESIGN HAS THE AUTHORITY TO NEGOTIATE SETTLEMENTS IN DISPUTES CONCERNING THE OBLIGATIONS OR WORK TO BE PERFORMED EITHER BETWEEN THE CONTRACTORS OR BETWEEN THE CONTRACTORS AND THE OWNER.
- 35. GOTHAM DESIGN HAS THE AUTHORITY TO REJECT WORK WHICH DOES NOT CONFORM WITH THE INTENT OF THE CONTRACT DOCUMENTS. WORK REJECTED BY GOTHAM DESIGN DUE TO FAILURE TO CONFORM WITH THE INTENT OF THE CONTRACT DOCUMENTS MUST BE CORRECTED BY THE CONTRACTOR WITHOUT ADDITIONAL EXPENSE TO THE OWNER

36. IN MATTERS REGARDING THE QUALITY, QUANTITY, AND AESTHETIC EFFECT OF THE WORK, GOTHAM DESIGN'S DECISIONS WILL BE CONSIDERED FINAL.

#### ERRORS AND OMISSIONS

- 37. THE CONTRACTOR IS RESPONSIBLE TO THE OWNER FOR ERRORS AND OMISSIONS IN THE WORK AND FOR FAILURE TO PERFORM IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 38. THE CONTRACTORS' SERVICES MUST BE PERFORMED IN A SKILLFUL AND COMPETENT MANNER IN ACCORDANCE WITH ACCEPTED STANDARDS OF THE CONSTRUCTION INDUSTRY AND WITH THE REQUIREMENTS OF THOSE AGENCIES HAVING JURISDICTION OR OTHERWISE IDENTIFIED IN THE SPECIFICATIONS.
- 39. THE CONTRACTOR WILL PROVIDE ALL WORK DETERMINED BY GOTHAM DESIGN TO BE MISSING OR INCOMPLETE. WORK DETERMINED BY GOTHAM DESIGN TO BE MISSING OR INCOMPLETE MUST BE FURNISHED AND COMPLETED BY THE CONTRACTOR WITHOUT ADDITIONAL EXPENSE TO THE
- 40. THE CONTRACTOR MUST REPLACE ALL WORK DETERMINED BY GOTHAM DESIGN TO BE INSTALLED IMPROPERLY OR SUBSTANDARD WITHOUT ADDITIONAL EXPENSE TO THE OWNER.

#### CHANCES

- 41. ANY CHANGES IN THE ACCEPTED CONTRACT DOCUMENTS OR IN THE COMPLETED WORK WHICH WILL EFFECT THE SCOPE OF WORK, QUALITY AND AESTHETIC EFFECT OF THE WORK, OR THE CONTRACT PRICE REQUIRES A CHANGE ORDER APPROVED BY GOTHAM DESIGN. THIS CHANGE ORDER MUST FIRST BE SUBMITTED TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO BEING EXECUTED BY THE CONTRACTOR.
- 42. NO CHANGES, ALTERATIONS, OR MODIFICATIONS TO THE DESIGN, THE CONTRACT DOCUMENTS, OR THE PROPOSED OR COMPLETED WORK ARE PERMISSIBLE BY ANY PARTY, INCLUDING THE OWNER AND THE CONTRACTOR, WITHOUT A WRITTEN CHANGE ORDER APPROVED BY GOTHAM DESIGN.

#### SUBSTITUTIONS

- 43. SUBSTITUTIONS OF MATERIALS, PRODUCTS, OR METHODS ARE PERMISSIBLE ONLY WITH PRIOR WRITTEN AUTHORIZATION FROM GOTHAM DESIGN.
- 44. GOTHAM DESIGN WILL CONSIDER REQUESTS FOR SUBSTITUTIONS UP TO FIVE DAYS PRIOR TO INITIATION OF WORK.

#### CLEAN UP

- 45. CONTRACTOR SHALL PROTECT THE EXISTING RESIDENCE FROM DUST INFILTRATION AND DAMAGE FROM DEBRIS WITH TEMPORARY BARRIERS AND PROTECTION BOARDS.
- 46. EACH CONTRACTOR IS RESPONSIBLE FOR CLEANING THEIR WORK AREAS AND REMOVING ALL DEBRIS ASSOCIATED WITH THEIR WORK FROM THE PREMISES AT THE END OF EACH WORK DAY. ALL DEBRIS MUST BE DISPOSED OF IN ACCORDANCE WITH ALL REGULATIONS OF AUTHORITIES HAVING IMPROJECTION
- 47. EACH CONTRACTOR IS RESPONSIBLE FOR MAKING SURE THAT THEIR WORK AREA IS LEFT BROOM CLEAN AT THE END OF EACH WORK DAY.

#### SAFETY REQUIREMENTS

- 48. EACH CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE SAFETY REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION INCLUDING OSHA.
- 49. EACH CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF ALL LADDERS, SCAFFOLDS, OR OTHER EQUIPMENT USED UNDER THEIR JURISDICTION AND IN CONNECTION WITH THEIR WORK.

#### RESPONSIBILITY

- 50. EACH CONTRACTOR AND SUBCONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ALL ACCIDENTS RESULTING IN INJURY TO PERSONS OR DAMAGE TO PROPERTY CAUSED BY THE FAULT OR NEGLIGENCE OF THEMSELVES, THEIR AGENTS, EMPLOYEES, OR SUBCONTRACTORS.
- 51. EACH CONTRACTOR IS RESPONSIBLE FOR ALL PROPERTY INCLUDING MATERIALS, EQUIPMENT, TOOLS, AND APPURTENANCES DELIVERED TO THE JOB SITE UNDER THEIR JURISDICTION AND IN CONNECTION WITH THEIR WORK WHICH IS STOLEN FROM THE PROPERTY OR DAMAGED ON THE PREMISES.
- 52. EACH CONTRACTOR INDEMNIFIES AND HOLDS THE OWNER AND GOTHAM DESIGN HARMLESS FROM ALL LIABILITIES AND LOSS BECAUSE OF INJURY TO ANY PERSON OR DAMAGE TO ANY PROPERTY THAT MAY OCCUR OR MAY BE ALLEGED TO HAVE OCCURRED DURING THE PERFORMANCE OF THE WORK AS A RESULT, EITHER DIRECTLY OR INDIRECTLY, OF THE CONTRACTOR'S FAULT OR NEGLIGENCE OR THAT OF THEIR AGENTS, EMPLOYEES, OR SUB CONTRACTORS AND WHETHER OR NOT SUCH INJURY OR DAMAGE IS ALSO ATTRIBUTABLE TO THE OWNER'S FAULT OR NEGLIGENCE.
- 53. GOTHAM DESIGN AND ITS CONSULTANTS HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL, OR DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE JOB SITE INCLUDING, BUT NOT LIMITED TO, ASBESTOS PRODUCTS, POLYCHLORIDE BIPHENYL (PCB), LEAD, OR OTHER TOXIC SUBSTANCES.
- 54. IN THE EVENT THAT THE CONTRACTOR DISCOVERS HAZARDOUS MATERIALS ON THE SITE, ALL WORK SHALL BE HALTED IMMEDIATELY AND THE REMOVAL OR CONTAINMENT OF THE HAZARDOUS MATERIAL SHALL BE CONDUCTED IN STRICT COMPLIANCE WITH THE REGULATIONS OF ALL AUTHORITIES HAVING JURISDICTION.
- 55. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING PROPER HANDLING METHODS FOR ALL MATERIALS ON THE SITE AND FOR INSTRUCTING ALL WORKERS IN PRECAUTIONS, RISKS, AND REQUIREMENTS FOR THE PROPER HANDLING OF POTENTIALLY HAZARDOUS MATERIALS IN ACCORDANCE WITH ALL AUTHORITIES HAVING JURISDICTION INCLUDING, BUT NOT LIMITED TO, OSHA.

#### INSURANCE

- 56. EACH CONTRACTOR AND SUBCONTRACTOR MUST OBTAIN AND MAINTAIN AN ACCIDENT AND PUBLIC LIABILITY INSURANCE POLICY FOR THIS PROJECT COVERING FROM COMMENCEMENT THROUGH COMPLETION OF ALL WORK. EACH CONTRACTOR AND SUBCONTRACTOR MUST FURNISH A BINDER TO THE OWNER FROM THE CONTRACTOR'S INSURANCE AGENT INDICATING THE TYPE AND AMOUNTS OF COVERAGE. THE MUNICIPALITY, THE OWNER, AND GOTHAM DESIGN SHALL BE NAMED AS "ADDITIONAL INSURED" ON THE BINDER.
- 57. BY ACCEPTING THE CONTRACT TO WORK ON THIS PROPERTY, THE CONTRACTOR AGREES TO DEFEND, INDEMNIFY, KEEP, AND SAVE HARMLESS THE OWNER, THE PROPERTY, AND GOTHAM DESIGN AND THEIR REPRESENTATIVES, AGENTS AND EMPLOYEES IN BOTH INDIVIDUAL AND OFFICIAL CAPACITIES AGAINST ALL SUITS, CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING ATTORNEY'S FEES, CAUSED BY, RELATED TO, OR INCIDENTAL TO THE PERFORMANCE OF THE WORK UNDER THE CONTRACT BY THE CONTRACTOR OR ITS SUBCONTRACTORS UP TO THE FULL EXTENT WHICH WOULD OTHERWISE RENDER THESE PROVISIONS VOID OR
- 58. EACH CONTRACTOR AND SUBCONTRACTOR MUST PROVIDE AND MAINTAIN WORKER'S COMPENSATION INSURANCE IN ACCORDANCE WITH NEW YORK STATE REQUIREMENTS FOR ALL EMPLOYEES FURNISHING LABOR FOR THIS PROJECT. NO ONE MAY WORK ON THIS PROJECT WITHOUT BEING COVERED BY WORKER'S COMPENSATION INSURANCE. THE WORKER'S COMPENSATION POLICY SHALL BE INCLUDED ON THE INSURANCE BINDER.
- 59. CERTIFICATES OF INSURANCE ACCEPTABLE TO THE OWNER MUST BE FILED WITH THE OWNER PRIOR TO THE COMMENCEMENT OF THE WORK.
- 60. THE OWNER MUST OBTAIN AND MAINTAIN LIABILITY INSURANCE AS WILL PROTECT HIM FROM HIS CONTINGENT LIABILITY FOR INJURY AND DAMAGES WHICH MAY ARISE DURING THE WORK OF THIS PROJECT AND FROM ANY OTHER LIABILITY FOR WHICH THE CONTRACTORS ARE REQUIRED TO BE INSURED UNDER THE PROVISIONS OF THE CONTRACT.
- 61. THE OWNER MUST OBTAIN AND MAINTAIN FIRE INSURANCE INCLUDING EXTENDED COVERAGE AND MALICIOUS MISCHIEF COVERAGE ON THE STRUCTURE AND CONTENTS TO 100 PERCENT OF THE INSURABLE VALUE THEREOF, PROTECTING THE OWNER'S INTEREST, THE CONTRACTORS' INTERESTS, AND THE SUBCONTRACTORS' INTERESTS. INTEREST, AS USED HEREIN, INCLUDES EACH PARTY'S PROPERTY AND THE PROPERTY OF OTHERS FOR WHICH THEY ARE RESPONSIBLE, INCLUDING ALL MATERIALS, EQUIPMENT, AND SUPPLIES.

#### WAIVER OF LIENS

- 62. EACH CONTRACTOR IS RESPONSIBLE FOR PROVIDING A WAIVER OF LIEN TO THE BENEFIT OF THE OWNER IN A FORM ACCEPTABLE TO GOTHAM DESIGN COVERING ALL LABOR, MATERIALS, AND OTHER EXPENSES AT THE TIME COMPENSATION IS RECEIVED FOR SAME.
- 63. SUBSEQUENT PAYMENTS TO CONTRACTORS WILL NOT BE PAID UNTIL AN ACCEPTABLE WAIVER OF LIENS HAS BEEN RECEIVED FOR PREVIOUS WORK OF THE SAME CONTRACTOR.
- 64. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING WAIVERS OF LIENS FROM ALL SUPPLIERS AND SUBCONTRACTORS FURNISHING LABOR AND MATERIALS THROUGH THE GENERAL CONTRACTOR.
- 65. A RELEASE OF ALL LIENS TO THE BENEFIT OF THE OWNER IN A FORM ACCEPTABLE TO GOTHAM DESIGN SHALL BE PROVIDED BY THE CONTRACTOR AT THE TIME OF FINAL PAYMENT.

#### CERTIFICATION

66. I HAVE REVIEWED THESE DRAWINGS THOROUGHLY AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THESE DRAWINGS CONFORM TO AND COMPLY WITH THE REQUIREMENTS OF THE 2020 RESIDENTIAL CODE OF NEW YORK STATE, NOVEMBER 2019 EDITION AND THE PRESCRIPTIVE ENERGY REQUIREMENTS OF THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE AND ALL AUTHORITIES HAVING JURISDICTION.

- HASTINGS-ON-HUDSON GREEN CODE COMPLIANCE NOTES:
- 1. THESE NOTES FOLLOW THE HASTINGS-ON-HUDSON GREEN CODE ORDINANCE FOR SINGLE FAMILY HOMES, CHAPTER 160, ARTICLE III, PART 3 IN THE VILLAGE CODE AND SPECIFICALLY PERTAIN TO 45 CHESTNUT DRIVE.
- 2. THE NATURAL RESOURCES SURVEY HAS BEEN COMPLETED FOR THIS APPLICATION.
- 3. A STORM WATER MANAGEMENT PLAN HAS BEEN PREPARED FOR THIS PROJECT INCLUDING A SUBSURFACE STORM WATER RETENTION/DETENTION SYSTEM INCLUDING CULTEX DRAINAGE STRUCTURES DESIGNED TO CONTAIN ALL ADDITIONAL RUNOFF RESULTING FROM THE INCREASE IN IMPERVIOUS SURFACE AREA OF APPROXIMATELY 1,000 SQUARE FEET. THE EXISTING CONDITIONS INCLUDE A TEMPORARY FLOW OF STORM WATER FROM THE PROPERTY TO THE EAST DISCHARGES ACROSS THE REAR YARD OF THE SUBJECT PROPERTY DURING HEAVY STORM EVENTS. THIS WILL BE TREATED AS A VEGETATIVE SWALE AND NOT DISRUPTED.
- 4. TO REDUCE HEAT ISLAND EFFECT AS A RESULT OF THE CONSTRUCTION OF THE PROPOSED WALKWAY AT THE FRONT OF THE HOUSE, ADDITIONAL SHADE TREES ARE INCLUDED IN THE LANDSCAPING PLAN.
- 5. NO IRRIGATION IS INCLUDED IN THIS SCOPE OF WORK.
- 6. ALL LANDSCAPING WILL BE PLANTED WITH INDIGENOUS AND NONINVASIVE MATERIAL.
- 7. PROPOSED EXTERIOR LIGHTING FIXTURES HAVE BEEN SELECTED AND POSITIONED SO THAT THERE IS NO NIGHT SKY POLLUTION, LIGHT SPILLAGE UPWARD, OR BEYOND THE SITE BOUNDARIES.
- 8. ALL LIGHTING CONTROLS FOR EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 9.4.1.3 OF ANSI/ASHRAE/IESNA STANDARD 90.1-2007, WITHOUT AMENDMENTS.
- 9. IT IS ANTICIPATED THAT THE EXISTING HOT WATER BOILER WILL BE REPLACED BY A HIGH EFFICIENCY AIR TO AIR HEAT PUMP SYSTEM. IF A NEW BOILER IS INSTALLED, IT SHALL BE A NATURAL GAS CONDENSING BOILER WITH A MINIMUM ANNUAL FUEL UTILIZATION EFFICIENCY ("AFUE") OF AT LEAST 92%.
- 10. THE PROPOSED HIGH EFFICIENCY AIR TO AIR HEAT PUMP SYSTEM WILL BE INSTALLED FOR COOLING. ALL EQUIPMENT SHALL HAVE A SEASONAL ENERGY EFFICIENCY RATIO ("SEER") OF AT LEAST 16.
- 11. ALL NEW FIXTURES AND APPLIANCES SHALL BE COMPLIANT WITH ENERGY STAR.
- 12. ALL HEATING AND COOLING SYSTEMS SHALL BE CONTROLLED WITH A PROGRAMMABLE THERMOSTAT THAT ALLOWS FOR A VARIETY OF TIME-OF-DAY AND SEASONAL SETTINGS.
- 13. THE PROPOSED HEATING AND COOLING SYSTEM WILL BE ZONED SO THAT THE HEATING AND COOLING ON THE LOWER LEVEL FIRST FLOOR AND SECOND FLOOR CAN BE INDEPENDENTLY CONTROLLED.
- ON THE LOWER LEVEL, FIRST FLOOR, AND SECOND FLOOR CAN BE INDEPENDENTLY CONTROLLED.

  14. THE PROPOSED NEW TOILETS SHALL A LOW FLUSH TOILET EQUAL TO OR LESS THEN 1.28 GALLONS
- 15. THE PROPOSED NEW SHOWER HEADS SHALL PROVIDE AN AVERAGE FLOW RATE OF NO MORE THAN TWO
- GALLONS PER MINUTE ("GPM").

  16. THE PROPOSED NEW LAVATORY FAUCETS SHALL PROVIDE AN AVERAGE FLOW RATE OF NO MORE THAN
- TWO GALLONS PER MINUTE ("GPM").

  17. PAINTS, COATINGS, AND PRIMERS APPLIED TO INTERIOR SURFACES SHALL NOT EXCEED A VOC CONTENT
- LIMIT OF 50G/L FOR FLAT PAINT AND 150 G/L FOR NON-FLAT PAINT.

  18. CLEAR WOOD FINISHES, FLOOR COATINGS, STAINS, SEALERS, AND SHELLACS APPLIED TO INTERIOR SURFACES SHALL NOT EXCEED THE FOLLOWING VOC CONTENT LIMITS: 275G/L FOR VARNISH AND

LAQUER, 730G/L FOR CLEAR SHELLAC AND 550G.L FOR PIGMENTED SHELLAC, 100G/L FOR

- WATERPROOFING, 275G/L FOR SANDING, AND 100G/L FOR ALL OTHER SEALERS.

  19. CARPET ADHESIVE SHALL NOT EXCEED A VOC CONTENT LIMIT OF 50G/L.
- 20. NO MATERIALS SHALL CONTAIN ADDED FORMALDEHYDE.

FLUSH ("GPF").

- 21. THE PROPOSED ROOFING MATERIALS SHALL HAVE AN SRI (SOLAR REFLECTANCE INDEX) OF AT LEAST 0.78 FOR LOW SLOPED ROOFS AND AN SRI OF AT LEAST 0.29 FOR STEEP SLOPED ROOFS. THIS PROJECT CONSISTS OF THE RENOVATION OF AN EXISTING HOUSE WITH AN EXPANSION OF THE EXISTING ROOF AREA BY APPROXIMATELY 380 SQUARE FEET FOR TWO PROPOSED HABITABLE ADDITIONS PLUS 140 SQUARE FEET FOR A PROPOSED FRONT PORCH.
- 22. EFFORTS WILL BE MADE TO RECYCLE, REPURPOSE, AND/OR REUSE A MINIMUM OF 25% OF CONSTRUCTION WASTE BY WEIGHT SO AS NOT TO BE SENT TO A LANDFILL OR INCINERATOR. THE EXISTING WINDOWS, DOORS, PLUMBING FIXTURES, CABINETS, AND APPLIANCES WILL BE OFFERED TO AGENCIES THAT CAN DISTRIBUTE THESE MATERIALS TO OTHERS IN NEED.
- 23. THE PROPOSED PROJECT CONSISTS OF THE RENOVATION OF THE EXISTING SINGLE FAMILY HOME WITH A FIRST FLOOR AND FINISHED LOWER LEVEL. ADDITIONS INCREASING THE FOOTPRINT OF THE BUILDING ARE PROPOSED ON THE FRONT OF THE HOUSE FOR A NEW ENTRY AND STAIRS WITH AN INTEGRAL PORCH AND ON THE BACK OF THE HOUSE FOR AN EXPANDED LOWER LEVEL AND FIRST FLOOR. A SECOND FLOOR IS BEING ADDED ABOVE THE EXISTING FIRST FLOOR AND THIS EXTENDS ABOVE THE PROPOSED FIRST FLOOR ADDITIONS. THE LOWER LEVEL WILL INCREASE IN AREA FROM XX TO YY, THE FIRST FLOOR WILL INCREASE IN AREA FROM XX TO YY, AND THE PROPOSED SECOND FLOOR WILL HAVE A FLOOR AREA OF XX. THE EXISTING GARAGE WILL REMAIN THE SAME AREA, BUT WITH THE ROOF CHANGED TO BE A FLAT ROOF DECK ACCESSED FROM THE SECOND FLOOR. THESE CHANGES WILL INCREASE THE FLOOR AREA IN THE HOUSE FROM XXX TO YYY. THIS COMPUTES TO THE AREA OF THE PROPOSED WORK BEING EFFECTIVELY 100% OF THE EXISTING AREA AND AN ADDITION OF ZZZ SQUARE FEET. THE PROJECT REQUIRES THAT THE PART 3 - RESIDENTIAL PROJECTS POINT TABULATION FORM BE COMPLETED. AS STIPULATED IN SECTION 160-2( c) IN THE HASTINGS-ON-HUDSON VILLAGE CODE, SINCE THE ALTERATION IS MORE THAN 1,000 SQUARE FEET AND MORE THAN 50% OF THE AGGREGATE AREA OF THE HOUSE. THE FOLLOWING POINTS ARE ANTICIPATED TO BE GENERATED BY THE PROPOSED PROJECT, AS IS SPECIFIED IN SECTION 160-18 OF THE HASTINGS-ON-HUDSON VILLAGE CODE:
- D. WHOLE-HOUSE ENERGY SIMULATION (25%) 4 POINTS
- F. HEAT RECOVERY VENTILATION 1 POINT
- J. HIGH EFFICIENCY COOLING SYSTEM 1 POINT

  K. HIGH EFFICIENCY HEATING EQUIPMENT 2 POINTS
- M. LEDS FOR AT LEAST 75% OF LIGHT FIXTURES 1 POINT
- O. UTILIZE REUSED MATERIALS (ROOF FRAMING) 1 POINT
- P. LOCAL MATERIALS (10% MINIMUM BY COST) 1 POINT

Q. CERTIFIED WOOD (ENGINEERED FRAMING/SHEATHING) 1 POINT

- TOTAL 12 POINTS
- 12 POINTS EXCEEDS THE 5 POINT REQUIREMENT.
- OTHER OPTIONS WILL BE CONSIDERED AND IMPLEMENTED, IF PRACTICABLE, SUCH AS A. RAINWATER HARVESTING, C. ECONOMY OF WOOD CONSTRUCTION FRAMING, G. SOLAR ELECTRICITY, AND R. RAPIDLY RENEWABLE MATERIALS.

CONSTRUCTION SEQUENCE NOTES:

- PRIOR TO INITIATING ANY WORK AT THE SITE, THE GENERAL CONTRACTOR SHALL CONDUCT A SITE MEETING
  WITH THE CONSTRUCTION MANAGER, PROJECT ENGINEER, AND BUILDING INSPECTOR TO DISCUSS THE SCHEDULE
  AND CONFIRM SITE CONDITIONS.
- 2. INSTALL INITIAL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING THE FOLLOWING:
  A. PLACE ORANGE CONSTRUCTION FENCING AROUND ANY AREAS TO BE USED FOR EX-FILTRATION TO AVOID
- B. CREATE A CONSTRUCTION ENTRANCE TO THE DEVELOPMENT AREA.
- C. ESTABLISH A CONSTRUCTION STAGING AREA.
  D. INSTALL TREE PROTECTION ON TREES AS NOTED ON PLANS AND RIBBON TREES SCHEDULED FOR REMOVAL.
- E. REMOVE SELECTIVE VEGETATION FOR INSTALLATION OF SILT FENCE.
- F. INSTALL SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTURBED AS SHOWN ON THE PLAN.
- 3. THE BUILDING INSPECTOR AND VILLAGE ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES, IF DEEMED NECESSARY TO MITIGATE UNFORSEEN EROSION OF DISTURBED SOILS AND SILTATION.
- 4. MAINTAIN THE SITE FREE OF DEBRIS AT ALL TIMES. REMOVE DUMPSTERS WITHIN 24 HOURS OF BEING FILLED.
- 5. DURING CONSTRUCTION, MAINTAIN ALL EROSION AND SEDIMENTATION MEASURES AT ALL TIMES. INSPECT SILT FENCES AND STRAWBALE BARRIERS WEEKLY, IN ADVANCE OF FORECAST STORMS, AND FOLLOWING STORM EVENTS. MAINTAIN, REPAIR, AND AUGMENT AS NECESSARY.
- 6. STRIP TOPSOIL AND STOCKPILE AT THE LOCATIONS SPECIFIED ON THE PLANS. TEMPORARILY STABILIZE TOPSOIL STOCKPILES WITH HYDROSEED DURING MAY 1ST THROUGH OCTOBER 31ST PLANTING SEASON OR BY COVERING WITH TARPAULINS NOVEMBER 1ST THROUGH APRIL 30TH. INSTALL SILT FENCE AROUND TOE OF SLOPE.
- 7. REMOVE WINDOWS, DOORS, PLUMBING FIXTURES, CABINETS, AND APPLIANCES AND DONATE TO AGENCIES THAT CAN DISTRIBUTE THESE TO OTHERS IN NEED.
- 8. GUT THE INTERIOR OF THE HOUSE, REMOVING SHEETROCK ON WALLS AND CEILINGS, TILE ON FLOORS AND WALLS, AND WOOD FLOORS.
- 9. REMOVE THE EXISTING ROOF AND FIRST FLOOR CEILING. RETAIN WOOD FRAMING FOR REUSE. REMOVE EXISTING EXTERIOR SIDING.
- 10. SURVEY AND STAKE THE PROPOSED EXCAVATION FOR THE STORM WATER DRAINAGE SYSTEM AND FOUNDATIONS FOR ADDITIONS.
- 11. EXCAVATE FOR FOUNDATIONS AND PROCEED WITH CONSTRUCTION IN ACCORDANCE WITH CONSTRUCTION
- 12. WATERPROOF THE NEW FOUNDATION WALLS, INSTALL FOOTING DRAINS, AND BACKFILL TO PROPOSED GRADE.

13. FOLLOWING COMPLETION OF THE FOUNDATIONS, HAVE AN AS-BUILT SURVEY PREPARED FOR SUBMISSION TO

THE BUILDING INSPECTOR'S OFFICE.

14. PROCEED WITH CONSTRUCTION OF THE ADDITIONS AND RENOVATION OF THE HOUSE.

- 15. INSTALL SUBSURFACE STORM DRAINAGE SYSTEM IN THE FRONT YARD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.. INSTALL INLET PROTECTION MEASURES TO PREVENT SILT FROM ENTERING SYSTEM DURING CONSTRUCTION.
- 16. COMPLETE CONSTRUCTION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.
- 17. HAVE A BLOWER TEST PERFORMED ON THE COMPLETED HOUSE AND SUBMIT REQUIRED DOCUMENTS IN ACCORDANCE WITH THE NEW YORK STATE ENERGY CODE TO THE BUILDING DEPARTMENT.
- 18. GRADE PROPERTY TO FINISHED GRADE.

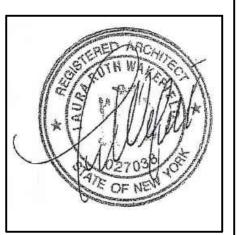
SOIL EROSION AND SEDIMENT CONTROL MEASURES.

- 19. RESTORE THE ROADWAY, CURB, AND SHOULDER CONSTRUCTION WITHIN THE VILLAGE RIGHT-OF-WAY PERFORMED TO THE SATISFACTION OF THE VILLAGE BUILDING INSPECTOR AND DEPARTMENT OF PUBLIC WORKS.
- 20. INSTALL 4" 6" TOPSOIL, FINE GRADE, SEED THE ENTIRE PROJECT SITE AND INSTALL LANDSCAPING PLANTS IN ACCORDANCE WITH THE LANDSCAPING PLAN.
- 21. SPREAD SALT HAY OVER SEEDED AREAS AND MAINTAIN ALL PLANTED AREAS UNTIL MATERIAL HAS TAKEN ROOT AND BECOME STABLE.
- 22. CLEAN PAVEMENT AND DRAIN LINES. CLEAN EX-FILTRATION SYSTEMS. ENSURE GRASS STAND IS ACHIEVED.

  23. AFTER CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED WITH VEGETATION, REMOVE ALL TEMPORARY
- 24. SUBMIT "AS-BUILT" DRAWINGS OF THE COMPLETED WORK INCLUDING ALL SITE IMPROVEMENTS AND A FINAL SURVEY SHOWING THE IMPROVEMENTS TO THE BUILDING DEPARTMENT.

25. OBTAIN THE CERTIFICATE OF OCCUPANCY FOLLOWING FINAL INSPECTION BY THE BUILDING INSPECTOR.

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT OF THE UNDERSIGNED, THE PLANS AND SPECIFICATIONS DEPICTED ON THESE DRAWINGS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISION OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE CURRENTLY IN EFFECT



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N.Y.S STATE LICENSE

WARNING:
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EDUCATIONAL LAW ARTICLE 145 SECTION 7209
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ACTING UNDER THE DIRECTION OF A LICENSEL
PROFESSIONAL ARCHITECT. ENGINEER OR

LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY

No. 27038

RESIDENCE
T DRIVE
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SHEET TITLE:

GENERAL

**NOTES** 

DATE: DRAWN BY:

09-28-2021 SSJ

SCALE: CHECKED BY

AS NOTED PRS

GN

#### Village of Hastings on Hudson **Building Department** 7 Maple Ave. Hastings on Hudso, NY 10706 (914) 478-3400 ext. 613

				CLIMAT	TIC AND GEOGR	RAPHIC DES	SIGN CRITI	ERIA (Effect	ive 10/3/20	016)			
ocation:	Village of Hasti	ings on Hudson										Zip Code:	10706
	Wind Design					Subje	ct to Damage	From					
Ground Snow Load	Speed (mph)	Topo Effects	Special Wind Region	Wind-borne Debris Zone	Seismic Design Category (RCNY Only)	Weathering	Frost Line Depth	Termite	Climate Zone	Ice Barrier Underlayment Reqd	Flood Hazards	Air Freezing Index	Mean Annua Temp
20	*Special Wind	NO	Vec	NO	C	Severe	42*	Moderate to	4A	YES	"FIRM COMMUNITY-PANEL MAP# 36119C0261F EFFECTIVE DATE, 9-28-2007	2000	51.6

115 MPH to 120 MPH, The special wind region should serve as a warning to design professionals in evaluating wind loading conditions. Wind speeds higher than the derived values taken from Section 1609 of the IBC and Figure R301.2(4)A

\*\* State if applicable. For Flood Hazards the Design Professional shall state if they are applicable, Y/N. Verify with FIRM Maps. Maps are available on the FIMA web site http://www.floodmap.floodsimple.com/

		11	NSULATION AND	FENESTRA	TION REQUI	REMENTS	BY COMP	ONENT		4-0-0-
CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	GLAZED FENSTRATION SHGC	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE & DEPTH	CRAWL SPACE WALL R-VALUE
	7/=	TABLE R4	02.1.2 INSULATION	AND FENEST	RATION REQUI	REMENTS B	Y COMPONE	ENT	-	
4A	0.35	0.55	0.4	49	20 or 13+5	8/13	19	10/13	10, 2 FT	10/13
			TABL	E R402.1.4 EQU	IIVALENT U-FA	CTORS		1000		
4A	0.35	0.55		0.026	0.06	0.098	0. 047	0.047	0.059	0.065

#### MANUAL J DESIGN CRITERIA

				WANGAL 3 DESIG	SN CRITERIA			
		WINTER		ALTITUDE CORRECTION	INDOOR DESIGN		HEATING TEMPERATURE	
ELEVATION	LATITUDE	HEATING	SUMMER COOLING	FACTOR	TEMPERATURE	DESIGN TEMPERATURE COOLING	DIFFERENCE	
179	41	7	87	1	68	75	61	
CURRENT	WIND	WIND						
TEMPERATURE	VELOCITY	VELOCITY	COINCIDENT WET					
DIFFERENCE	HEATING	COOLING	BULB	DAILY RANGE	WINTER HUMIDITY	SUMMER HUMIDITY		
12	20.4	7.5	72	M	30	55		.

	AIR BARRIER AND THERMAL ALIGNMENT	AIR BARRIER IS IN ALIGNMENT WITH THE THERMAL BARRIER ( INSULATION )							
2.	ATTIC AIR SEALING	TOP PLATES AND WALL TO CEILING CONNECTIONS ARE SEALED.							
3.	ATTIC KNEE-WALLS	AIR BARRIER IS INSTALL	ED AT THE INS	JLATED BOUNDARY					
		( KNEE-WALL TRANSITIO	N ) OR ROOF, A	S APPROPRIATE					
4.	DUCT SHAFT / PIPING SHAFT AND PENETRATIONS	OPENINGS FROM UNCO	NDITIONED ATT	ICS AND SPACES TO CO	ONDITIONED SPACES ARE SEALED.				
5.	DROPPED CEILING / SOFFIT	AIR BARRIER IS FULLY A	LIGNED WITH II	NSULATION, ALL GAPS	ARE SEALED.				
6.	STAIRCASE FRAMING AT EXTERIOR WALL / ATTIC	AIR BARRIER IS FULLY A	LIGNED WITH II	NSULATION, ALL GAPS	ARE SEALED				
7.	PORCH ROOF	AIR BARRIER IS INSTALL	ED AT THE INT	RSECTION OF THE PO	RCH ROOF				
		AND EXTERIOR WALL.							
8.	FLUE OR CHIMNEY SHAFT	CHIMNEY SHAFT OPENING AROUND FLUE IS CLOSED WITH FLASHING, AND ANY REMAINING							
		GAPS ARE SEALED WITH	I FIRE RATED C	AULK OR SEALANT.					
9.	ATTIC ACCESS / PULL-DOWN STAIR	ATTIC ACCESS PANEL OR PULL-DOWN STAIR IS FULLY GASKETED FOR AN AIR-TIGHT FIT.							
10.	RECESSED LIGHTING	FIXTURES ARE PROVIDED WITH AIR-TIGHT ASSEMBLY OR COVERING.							
11.	DUCTS	ALL DUCTS SHALL BE SEALED, ESPECIALLY IN ATTICS, VENTED CRAWL SPACES AND RIM AREAS.							
12.	WHOLE HOUSE FAN	PENETRATION AT ATTIC	- AN INSULATED	COVER IS PROVIDED	THAT IS GASKETED OR SEALED TO				
		THE OPENING FROM EIT	HER THE ATTIC	SIDE OR CEILING SIDE	OF THE FAN.				
13.	EXTERIOR WALLS	SERVICE PENETRATION	S ARE SEALED	AND AIR SEALING IS IN	PLACE BEHIND OR AROUND				
		SHOWER / TUB ENCLOS	JRES, ELECTRI	CAL BOXES, SWITCHES	AND OUTLETS ON EXTERIOR WALL	_S.			
14.	FIREPLACE WALL	AIR SEALING IS COMPLE	TED IN FRAME	SHAFT BEHIND THE F	IREPLACE OR AT FIREPLACE SURR	OUND.			
15.	GARAGE / LIVING SPACE WALLS	AIR SEALING IS COMPLE	TED BETWEEN	GARAGE AND LIVING S	PACE. PASS-THROUGH DOOR IS W	EATHERED STRIPPED			
16.	CANTILEVERED FLOOR	CANTILEVERED FLOORS	ARE AIR SEAL	ED AND INSULATED AT	PERIMETER OR JOIST TRANSITION.				
17.	RIM JOISTS, SEAL PLATE, FOUNDATION	RIM JOISTS ARE INSULA	TED AND INCLU	DE AN AIR BARRIER. JU	JNCTION OF FOUNDATION AND SILL	. PLATE IS SEALED.			
		PENETRATIONS THROUGH	SH THE BOTTO	M PLATE ARE SEALED.	ALL LEAKS AT FOUNDATIONS,FLOO	R JOISTS AND FLOOF			
		PENETRATIONS ARE SEA	ALED. EXPOSE	EARTH IN CRAWL SPA	CE IS COVERED WITH CLASS I VAP	OR RETARDER			
		OVERLAPPED AND TAPE	D AT SEAMS.						
18.	WINDOWS AND DOORS	SPACE BETWEEN WINDO	DW / DOOR JAM	BS AND FRAMING IS SE	ALED.				
19.	COMMON WALLS BETWEEN ATTACHED	THE GAP BETWEEN A G	PSUM SHAFT \	VALL ( I E, COMMON WA	ALL 0 AND THE STRUCTURAL FRAMI	NG			
	DWELLING UNITS	BETWEEN UNITS IS SEAI	_ED.						

#### AIR BARRIER AND INSULATION INSTALLATION CRITERIA AND GUIDELINES

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA
GENERAL REQUIREMENTS	A CONTINUOUS AIR BARRIER SHALL BE INSTALLED IN THE BUILDING ENVELOPE.THE EXTERIOR THERMAL ENVELOPE CONTAINS A CONTINUOUS AIR BARRIER. BREAKS OR JOINTS IN THE IN THE AIR BARRIER SHALL BE SEALED.	AIR PERMEABLE INSULATION SHALL NOT BE USED AS A SEALING MATERIAL.
CEILING / ATTIC	THE AIR BARRIER IN ANY DROPPED CEILING / SOFFIT SHALL BE ALIGNED WITH THE INSULATION AND ANY GAPS IN THE AIR BARRIER SHALL BE SEALED. ACCESS OPENINGS, DROP DOWN STAIRS OR KNEE WALL DOORS TO UNCONDITIONED ATTIC SPACES SHALL BE SEALED.	THE INSULATION IN ANY DROPPED CEILING / SOFFIT SHALL B ALIGNED WITH THE AIR BARRIER.
WALLS	THE JUNCTION OF THE FOUNDATION AND SILL PLATE SHALL BE SEALED. THE JUNCTION OF THE TOP PLATE AND THE TOP OF EXTERIOR WALLS SHALL BE SEALED. KNEE WALLS SHALL BE SEALED.	CAVITIES WITHIN CORNERS AND HEADERS OF FRAME WALLS SHALL BE INSULATED BY COMPLETELY FILLING THE CAVITY WITH A MATERIAL HAVING A THERMAL RESISTANCE OF R-3 PER INCH MINIMUM. EXTERIOR THERMAL ENVELOPE INSULATION FOR FRAMED WALLS SHALL BE INSTALLED IN SUBSTANTIAL CONTACT AND CONTINUOUS ALIGNMENT WITH THE AIR BARRIER.
WINDOWS, SKYLIGHTS AND DOORS	THE SPACE BETWEEN WINDOW / DOOR JAMBS AND FRAMING, AND SKYLIGHTS AND FRAMING SHALL BE SEALED.	CHINK SPACE AROUND FRAMING AND TAPE EXTERIOR FLANGE TO AIR BARRIER
RIM JOISTS	RIM JOISTS SHALL INCLUDE THE AIR BARRIER.	RIM JOISTS SHALL BE INSULATED.
FLOORS INCLUDING CANTILEVERED FLOORS AND ABOVE GARAGES	THE AIR BARRIER SHALL BE INSTALLED AT ANY EXPOSED EDGE OF INSULATION.	FLOOR FRAMING CAVITY INSULATION SHALL BE INSTALLED T MAINTAIN PERMANENT CONTACT WITH THE UNDERSIDE OF SUB-FLOOR DECKING, OR FLOOR FRAMING CAVITY INSULATION SHALL BE PERMITTED TO BE IN CONTACT WITH THE TOP SIDE OF SHEATHING, OR CONTINUOUS INSULATION INSTALLED ON THE UNDERSIDE OF FLOOR FRAMING AND EXTENDS FROM THE BOTTOM TO THE TOP OF ALL PERIMETE FLOOR FRAMING MEMBERS.
CRAWL SPACE WALLS	EXPOSED EARTH IN UNVENTED CRAWL SPACES SHALL BE COVERED WITH A CLASS A VAPOR RETARDER WITH OVERLAPPING JOINTS TAPED.	CRAWL SPACE INSULATION WHERE PROVIDED INSTEAD OF FLOOR INSULATION, INSULATION SHALL BE PERMANENTLY ATTACHED TO WALLS.
SHAFTS, PENETRATION	DUCT SHAFTS, UTILITY PENETRATIONS, AND FLUE SHAFTS OPENING TO EXTERIOR OR UNCONDITIONED SPACE SHALL BE SEALED.	
NARROW CAVITIES		BATTS IN NARROW CAVITIES SHALL BE CUT TO FIT, OR NARROW CAVITIES SHALL BE FILLED BY INSULATION THAT ON INSTALLATION READILY CONFORMS TO THE AVAILABLE CAVITY SPACE.
GARAGE SEPARATION	AIR SEALING SHALL BE PROVIDED BETWEEN THE GARAGE AND CONDITIONED SPACES.	
RECESSED LIGHTING	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE FINISH SURFACE.	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE AIR TIGHT AND IC RATED.
PLUMBING AND WIRING	PENETRATIONS THROUGH AIR BARRIER SHALL BE SEALED	IN EXTERIOR WALLS, BATT INSULATION SHALL BE CUT NEATL TO FIT AROUND WIRING AND PLUMBING,OR INSULATION,THA' ON INSTALLATION READILY CONFORMS TO AVAILABLE SPACES SHALL EXTEND BEHIND PIPING AND WIRING.
SHOWER / TUB ON EXTERIOR WALL	THE AIR BARRIER INSTALLED AT EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL SEPARATE THEM FROM THE SHOWERS AND TUBS.	EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL BE INSULATED.
ELECTRICAL / PHONE BOX ON EXTERIOR WALLS	THE AIR BARRIER SHALL BE INSTALLED BEHIND ELECTRICAL AND COMMUNICATION BOXES OR AIR-SEALED BOXES SHALL BE INSTALLED.	
HVAC REGISTER BOOTS	HVAC REGISTER BOOTS THAT PENETRATE THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE SUB-FLOOR OR DRYWALL.	
CONCEALED SPRINKLERS	WHERE REQUIRED TO BE SEALED, CONCEALED FIRE SPRINKLERS SHALL ONLY BE SEALED IN A MANNER THAT IS RECOMMENDED BY THE MANUFACTURER. CAULKING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL VOIDS BETWEEN FIRE SPRINKLER COVER PLATES AND WALLS AND CEILINGS.	
HVAC DUCT WORK	WHERE DUCT WORK PENETRATES THE BUILDING THERMAL ENVELOPE, DUCT WORK SHALL BE SEALED TO THE SUB-FLOOR OR DRYWALL. ALL DUCT WORK SHALL BE SEALED.	DUCT WORK LOCATED IN UNCONDITIONED SPACES SHALL BI INSULATED WITH R-8 FOR DUCTS THREE INCHES OR LARGER AND R-6 FOR DUCTS THREE INCHES OR SMALLER

LOCATION	TYPE	MINIMUM R-VALUE	NOTES
EXTERIOR WALL CAVITIES	FULL THICKNESS "THERMOSEAL 500" OR APPROVED EQUAL OPEN CELL SPRAY INSULATION	R-20	
EXTERIOR WALL SHEATHING	ZIP SYSTEM SHEATHING OR APPROVED EQUAL	R-6	ALL JOINTS TAPED
UNDERSIDE OF ROOF SHEATHING	7 INCHES OF "THERMOSEAL 2000" OR APPROVED EQUAL CLOSED CELL SPRAY FOAM INSULATION OR FULL THICKNESS "THERMOSEAL 500" OR APPROVED EQUAL OPEN CELL SPRAY INSULATION	R-49 R-38	INSULATION TO EXTEND OVER WALL PLATE AS PER N 1102.2.1 OF THE 2020 RESIDENTIAL CODE OF NEW YORK STATE
FIRST FLOOR CAVITIES	UNFACED FIBERGLASS BATTS	R-30	
SECOND FLOOR CAVITIES	5.5" OF SOUND ATTENUATION BATTS	N/A	
UNDER BASEMENT FLOOR SLAB	2 INCH RIGID POLYSTYRENE INSULATION BOARDS FOR A WIDTH OF 2 FEET ALONG THE PERIMETER OF THE BASEMENT FLOOR UNDER THE FLOOR SLAB	R-10	
FOUNDATION WALLS CONCRETE	2 INCH RIGID POLYSTYRENE INSULATION BOARDS	R-10	FULL HEIGHT OF CONCRE
WOOD FRAME	3" OF "THERMOSEAL 2000" OR APPROVED EQUAL CLOSED CELL SPRAY INSULATION		R-20
WATER PIPES	1.5" PIPE INSULATION	R-10	IN ALL UNHEATED SPACES
SUPPLY AND RETURN DUCTS	FOIL FACED FIBERGLASS DUCT INSULATION	R-8	3 INCHES IN DIAMETER AN LARGER LOCATED IN ATTI
		R-6	SMALLER THAN 3 INCHES LOCATED IN ATTICS
		R-6	3 INCHES IN DIAMETER AN LARGER IN OTHER PORTIO OF THE BUILDING
		R-4.2	SMALLER THAN 3 INCHES LOCATED IN OTHER PORTIONS OF THE BUILDI
INTERIOR BATHROOM AND BEDROOM WALLS	3.5" OF SOUND ATTENUATION BATTS	N/A	

#### MECHANICAL NOTES:

1. THE SHEETS OF MECHANICAL DRAWINGS PREPARED BY GOTHAM ARE TO BE AUGMENTED BY THE MECHANICAL ENGINEER WORKING WITH THE MECHANCIAL CONTRACTOR ON THIS PROJECT. THE MECHANICAL ENGINEER SHALL PROVIDE THE ACTUAL PLANS AND DETAILS OF THE HVAC SYSTEM, INCLUDING THE REQUIRED SPECIFICATIONS ON THE EQUIPMENT, THE DUCT WORK, THE MANUAL J, AND THE MANUAL S. NO HVAC WORK, INCLUDING THE ORDERING OF EQUIPMENT, SHALL COMMENCE PRIOR TO A COMPLETED MANUAL J AND A COMPLETED MANUAL S HAVE BEEN SUBMITTED TO THE BUILDING INSPECTOR'S OFFICE

2. PRIOR TO INITIATING ANY WORK ON THE PROJECT, THE CONTRACTOR SHALL REVIEW ALL OF THE CONSTRUCTION DOCUMENTS AND COMPLETE THE NEW YORK STATE ENERGY CODE B2020 ECCCNYS RESIDENTIAL ENERGY PLAN CHECKLIST ON THEIR LETTERHEAD. ANY DEFICIENCIES ON THE CONSTRUCTION DOCUMENTS, INCLUDING THE RESCHECK SHALL BE CORRECTED PRIOR TO THE WORK PROCEEDING. A COPY OF THIS CHECKLIST SHALL BE PROVIDED TO THE BUILDING INSPECTOR'S OFFICE

3. NO WORK ON THE HVAC SYSTEM, INCLUDING THE ORDERING OF EQUIPMENT, SHALL COMMENCE PRIOT TO SHOP DRAWINGS OF THE DUCT WORK AND PIPING, A RESIDENTIAL HVAC EQUIPMENT DESIGN WORKSHEET, A RESIDENTIAL HVAC DESIGN FORM, AND A 2020 ECCCNYS RESIDENTIAL ENERGY PLAN REVIEW CHECKLIST, IN ACCORDANCE WITH THE NEW YORK STATE ENERGY CODE, HAVE BEEN PREPARED AND SUBMITTED TO THE BUILDING INSPECTOR'S OFFICE ON THE MECHANICAL CONTRACTOR/S LETTERHEAD.

4. DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL COMPLETE THE NEW YORK STATE ENERGY CODE FORMS FOR FOUNDATION INSULATION INSPECTION, ROUGH MECHANICAL AND PLUMBING INSPECTION CHECKLIST, AIR BARRIER AND INSULATION INSTALLATION CHECKLIST, FINAL INSPECTION INSULATION AND DOCUMENTATION CHECKLIST, AND THE RESIDENTIAL DUCT AND ENVELOPE TESTING (EDET) FORM ON THE CONTRACTOR'S LETTERHEAD. THESE COMPLETED FORMS SHALL BE SUBMITTED TO THE BUILDING INSPECTOR'S OFFICE PRIOR TO SUBMITTING AFFIDAVITS FOR THE REQUIRED CERTIFICATE OF OCCUPANCY.

#### NY R402.4.1.2 TESTING

THE BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE NOT EXCEEDING THREE AIR CHANGES PER HOUR. TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH RES NET / ICC380, ASTM E 779 OR ASTM E 1827 AND REPORTED AT A PRESSURE OF 0.2 INCH WG (50 PASCALS). TESTING SHALL BE PERFORMED AT ANY TIMEAFTER CREATION OF ALL PENETRATIONS OF THE BUILDING THERMAL ENVELOPE.

#### **DURING TESTING**

- 1. EXTERIOR WINDOWS AND DOORS, FIREPLACE AND STOVE DOORS SHALL BE CLOSED. BUT NOT SEALED BEYOND THE INTENDED WEATHERSTRIPPING OR OTHER INFILTRATION CONTROL
- 2. DAMPERS INCLUDING EXHAUST, INTAKE ,MAKEUP AIR ,BACKDRAFT AND FLUE DAMPERS SHALL BE CLOSED BUT NOT SEALED BEYOND INTENDED INFILTRATION CONTROL MEASURES.
- 3. INTERIOR DOORS WHERE INSTALLED AT THE TIME OF THE TEST SHALL BE OPEN.
- SHALL BE CLOSED AND SEALED. 5. HEATING AND COOLING SYSTEMS, WHERE INSTALLED AT THE TIME OF THE TEST, SHALL BE
- **TURNED OFF**
- 6. SUPPLY AND RETURN REGISTERS, WHERE INSTALLED AT THE TIME OF THE TEST, SHALL BE FULLY

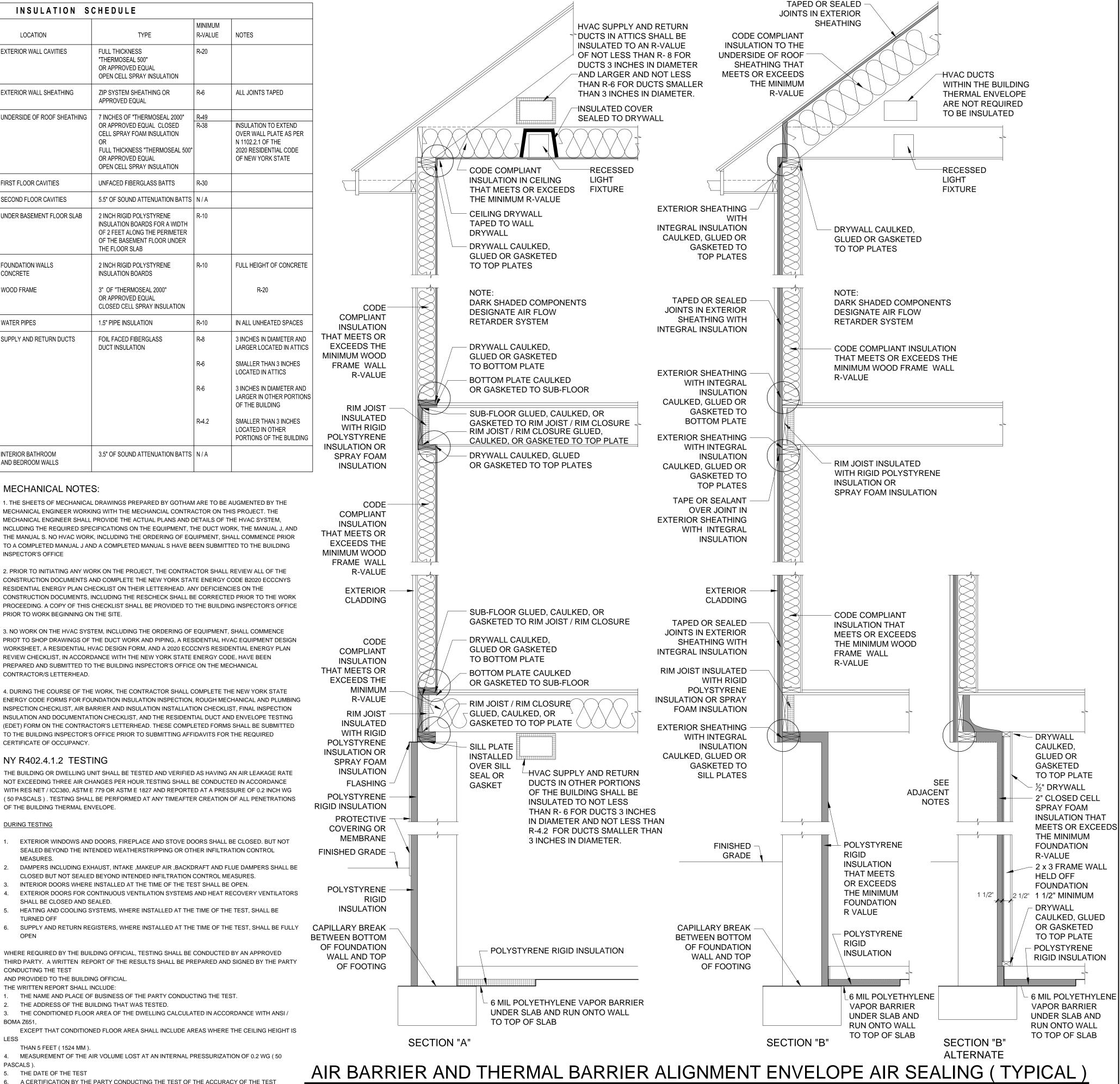
WHERE REQUIRED BY THE BUILDING OFFICIAL, TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY. A WRITTEN REPORT OF THE RESULTS SHALL BE PREPARED AND SIGNED BY THE PARTY CONDUCTING THE TEST

- AND PROVIDED TO THE BUILDING OFFICIAL. THE WRITTEN REPORT SHALL INCLUDE:
- 1. THE NAME AND PLACE OF BUSINESS OF THE PARTY CONDUCTING THE TEST.
- 2. THE ADDRESS OF THE BUILDING THAT WAS TESTED.
- 3. THE CONDITIONED FLOOR AREA OF THE DWELLING CALCULATED IN ACCORDANCE WITH ANSI /

DO NOT SCALE

THERMAL ENVELOPE NOTE:

- 4. MEASUREMENT OF THE AIR VOLUME LOST AT AN INTERNAL PRESSURIZATION OF 0.2 WG (50 PASCALS ).
- THE DATE OF THE TEST
- 6. A CERTIFICATION BY THE PARTY CONDUCTING THE TEST OF THE ACCURACY OF THE TEST
- 7. THE SIGNATURE OF THE PARTY CONDUCTING THE TEST.



THE CONSTRUCTION SECTIONS "A" AND "B" SHOWN ON THIS SHEET ARE INTENDED AS GENERIC DIAGRAMS TO ILLUSTRATE THE TWO ACCEPTABLE METHODS USED TO CREATE

INTERIOR FINISH. SECTION "B" SHOWS WHERE THE THERMAL ENVELOPE IS ON THE EXTERIOR SIDE OF THE SHEATHING. THE INTENT OF THESE SECTIONS IS TO DEMONSTRATE THE CONTINUITY THAT THESE SYSTEMS REQUIRES TO PROVIDE A COMPLETE SEAL FOR THE BUILDING. THERE ARE CIRCUMSTANCES THAT COULD RESULT IN BOTH SYSTEMS BEING USED IN THE SAME BUILDING. FOR THE SPECIFIC SECTIONS REQUIRED FOR THE CONSTRUCTION OF THE BUILDING SUBJECT TO THIS SET OF DRAWINGS SEE SHEET A-2.1

THE THERMAL ENVELOPE FOR THE BUILDING SUBJECT TO THIS SET OF DRAWINGS. SECTION "A" SHOWS WHERE THE THERMAL ENVELOPE IS ON THE FRAMING SIDE OF THE

BUILDING CODE AND THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE CURRENTLY IN EFFECT

TO THE BEST OF MY KNOWLEDGE BELIEF

AND PROFESSIONAL JUDGEMENT OF THE UNDERSIGNED , THE PLANS AND

APPLICABLE PROVISION OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND

SPECIFICATIONS DEPICTED ON THESE DRAWINGS ARE IN COMPLIANCE WITH THE



#### LAURA WAKEFIELD

ARCHITECT 329 BROADWAY DOBBS FERRY, NY 10522 TEL: 914 693 6165 N.Y.S STATE LICENSE No. 27038

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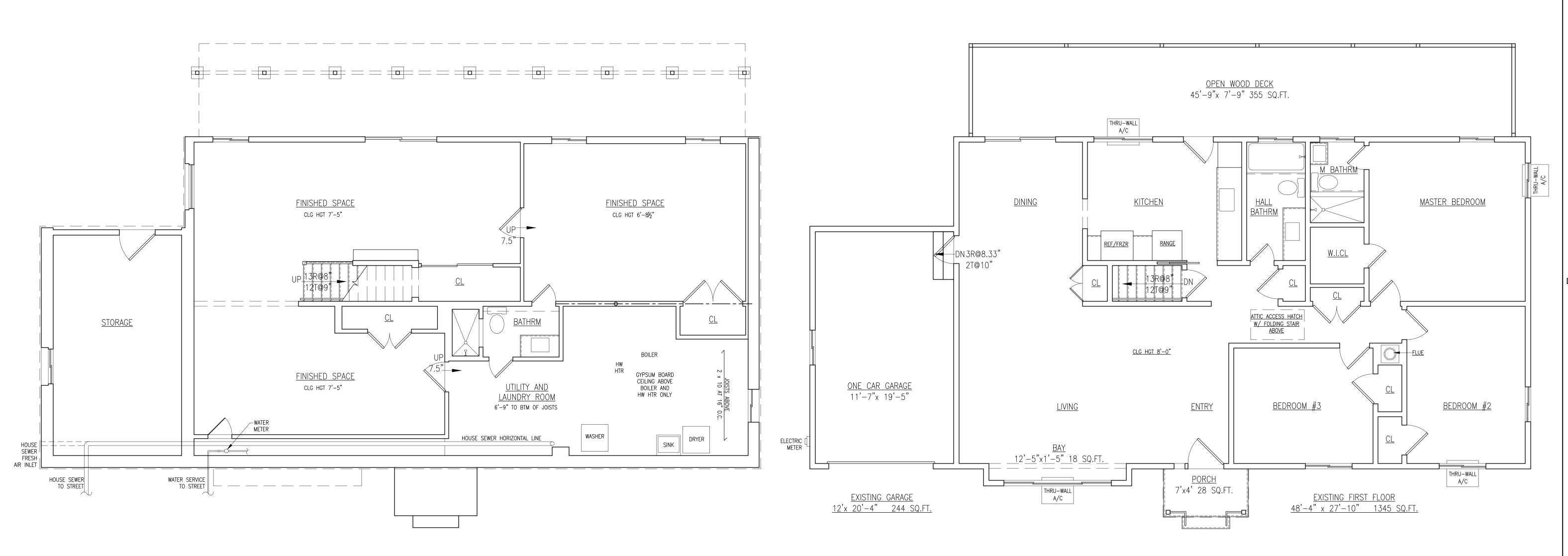
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ISSUED / REVISIONS

SHEET TITLE:

BUILDING THERMAL ENVELOPE **NOTES AND DETAILS** 

DATE: DRAWN BY: 09-28-2021 MB SCALE: CHECKED BY: AS NOTED | PRS

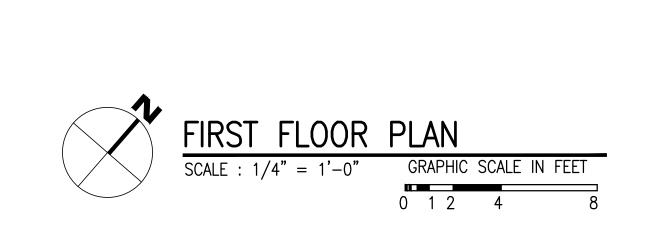


CELLAR FLOOR PLAN

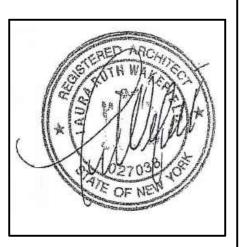
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GRAPHIC SCALE IN FEET

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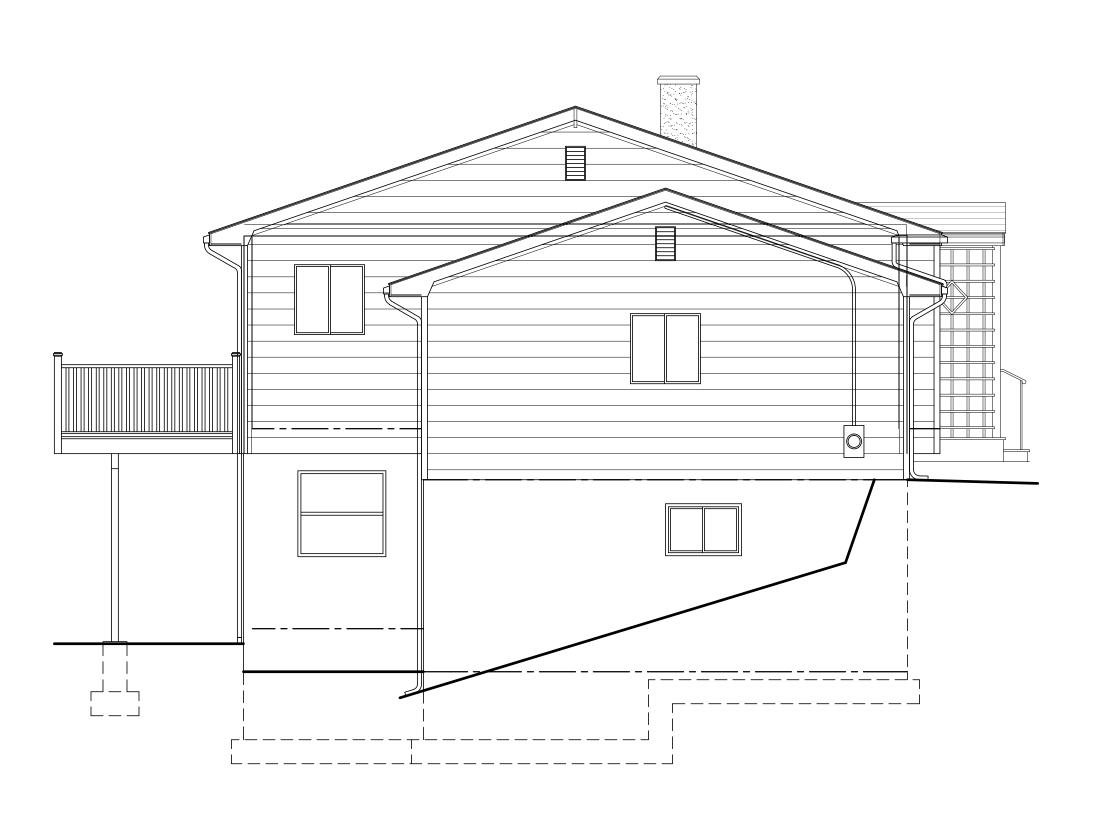
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FLOOR PLANS

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07-15-2021 MB

SCALE: CHECKED BY:
AS NOTED PRS

EX-1





SOUTHWEST ELEVATION

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

GRAPHIC SCALE IN FEET

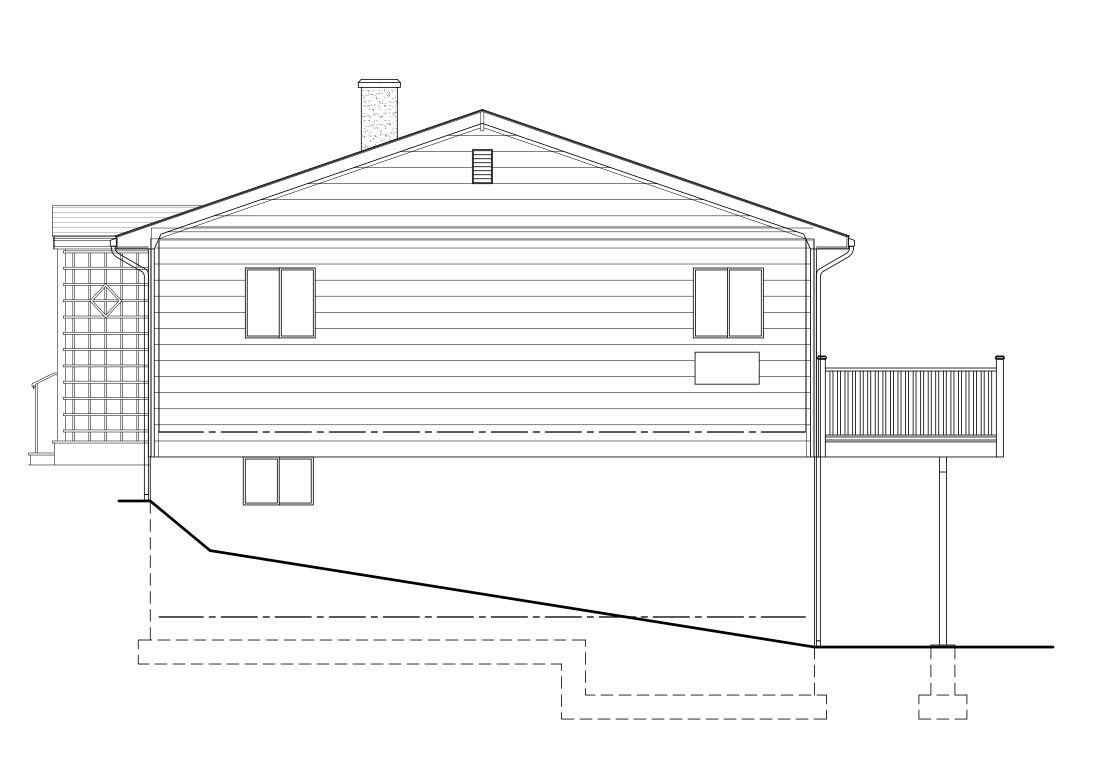
SOUTHEAST ELEVATION

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

GRAPHIC SCALE IN FEET

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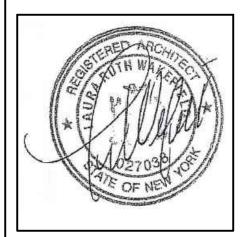


NORTHEAST ELEVATION

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

GRAPHIC SCALE IN FEET

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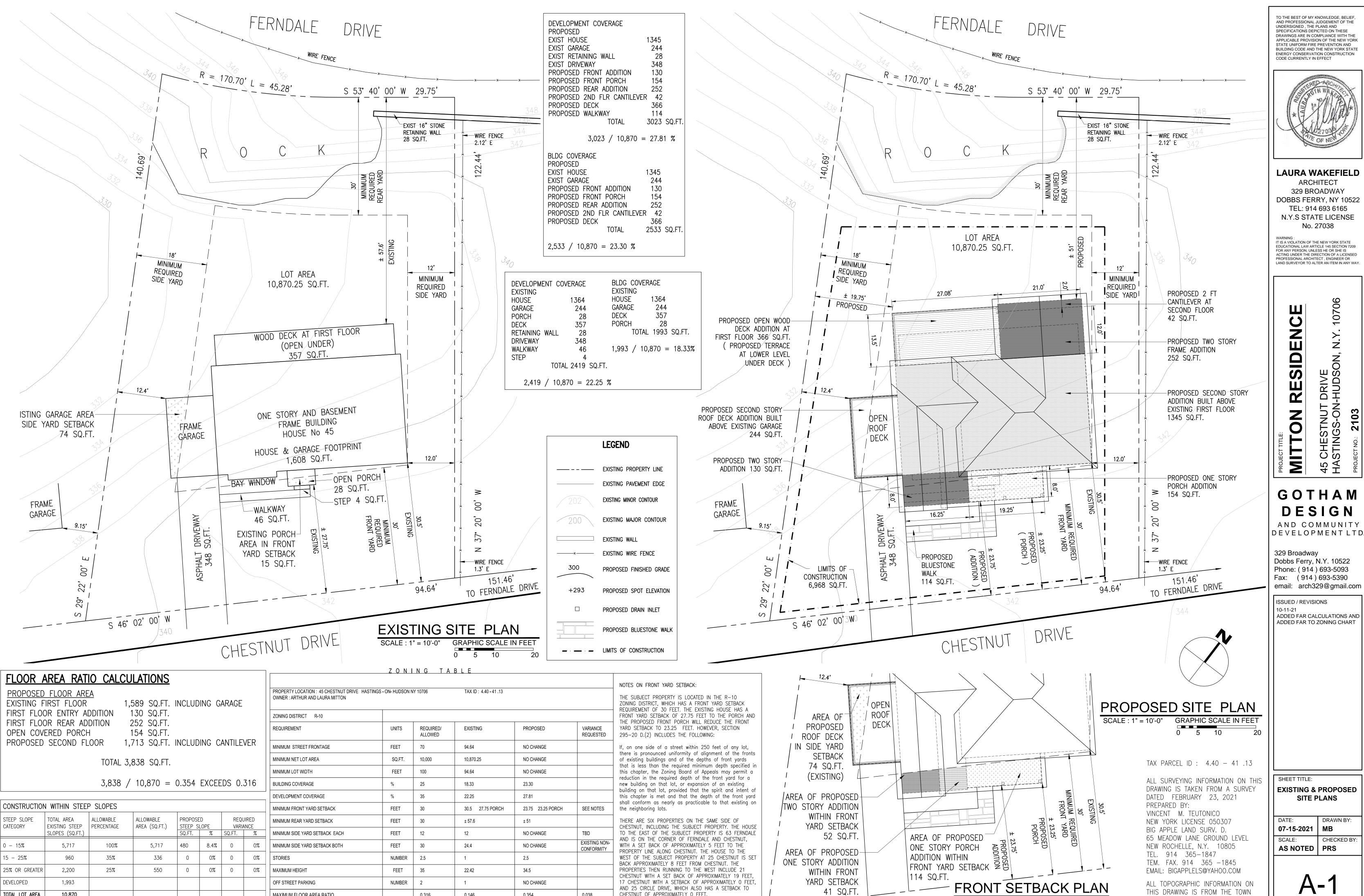
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EXISTING
ELEVATIONS

DATE: DRAWN BY:
07-15-2021 MB

SCALE: CHECKED BY:
AS NOTED PRS

FX-2



10,870

MAXIMUM FLOOR AREA RATIO

MAXIMUM FLOOR AREA

0.316

SQ. FT.

0.146

1,589

0.354

3,838

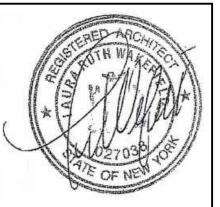
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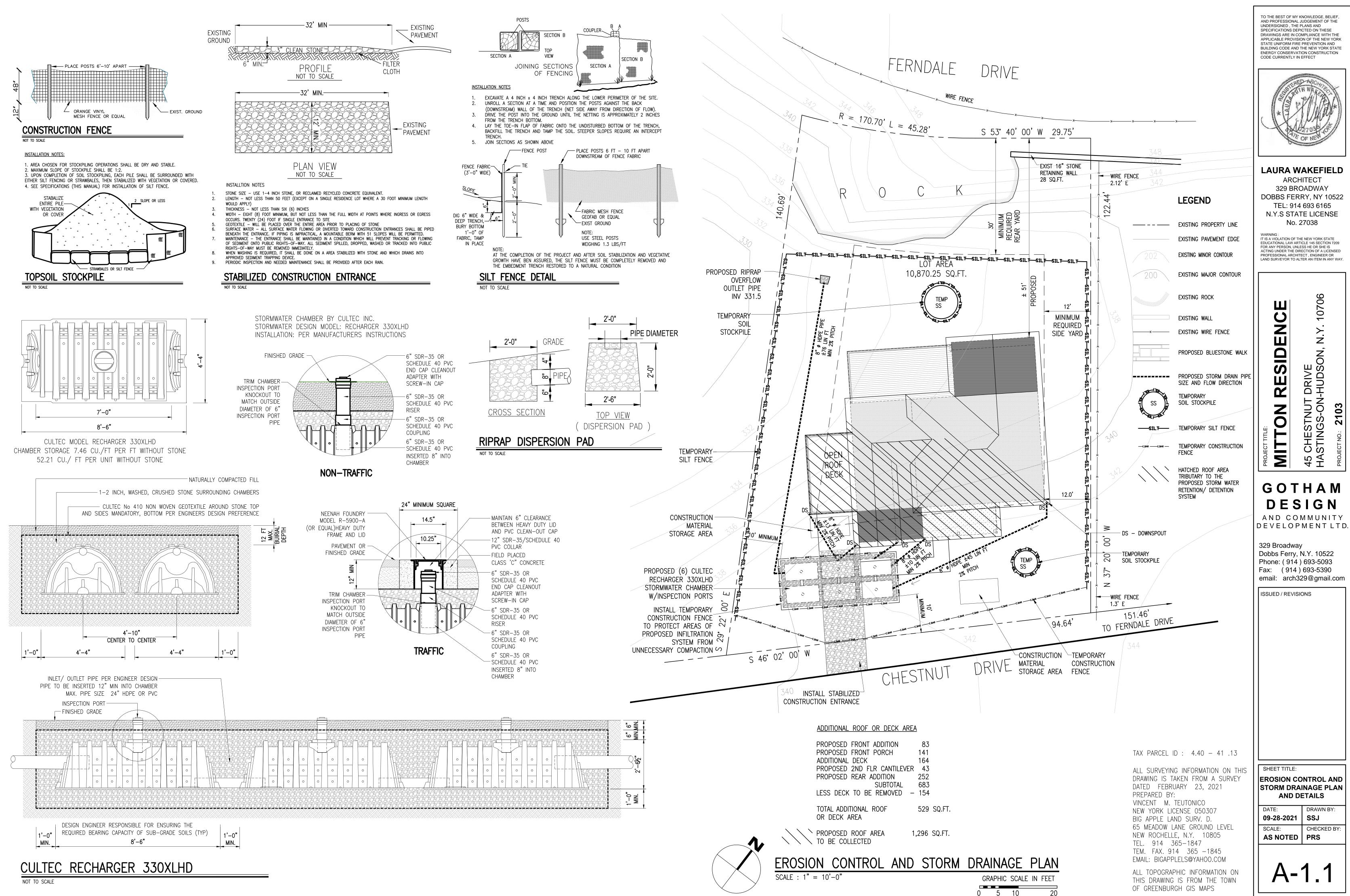
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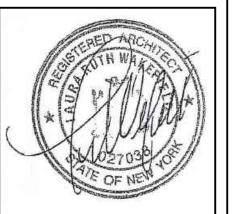
**GRAPHIC SCALE IN FEET** 

EXISTING & PROPOSED SITE PLANS

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**A-**1





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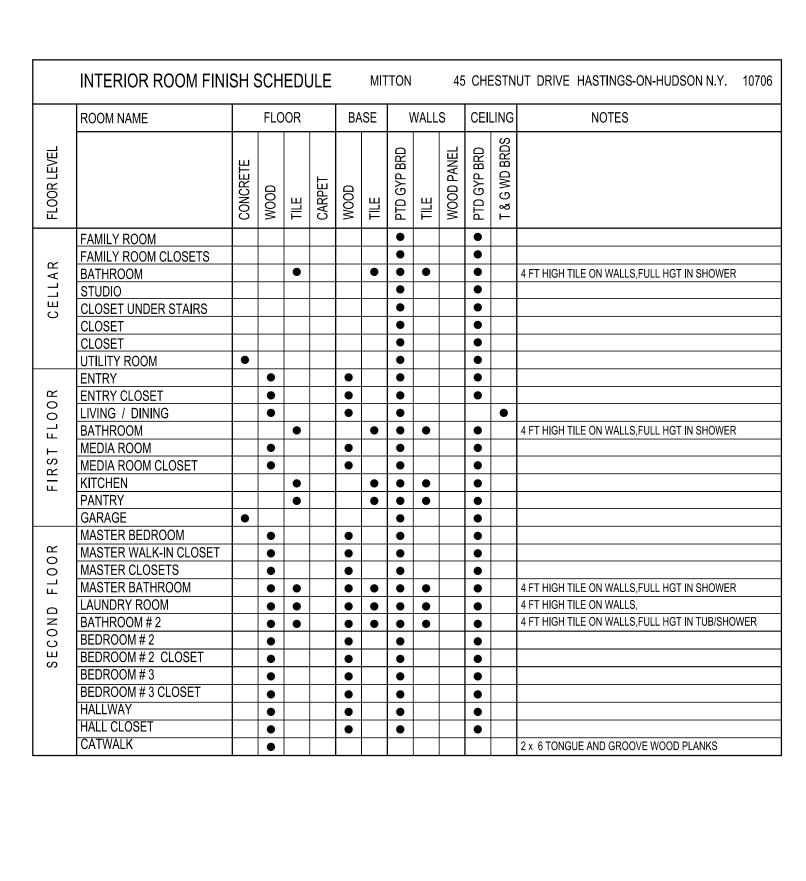
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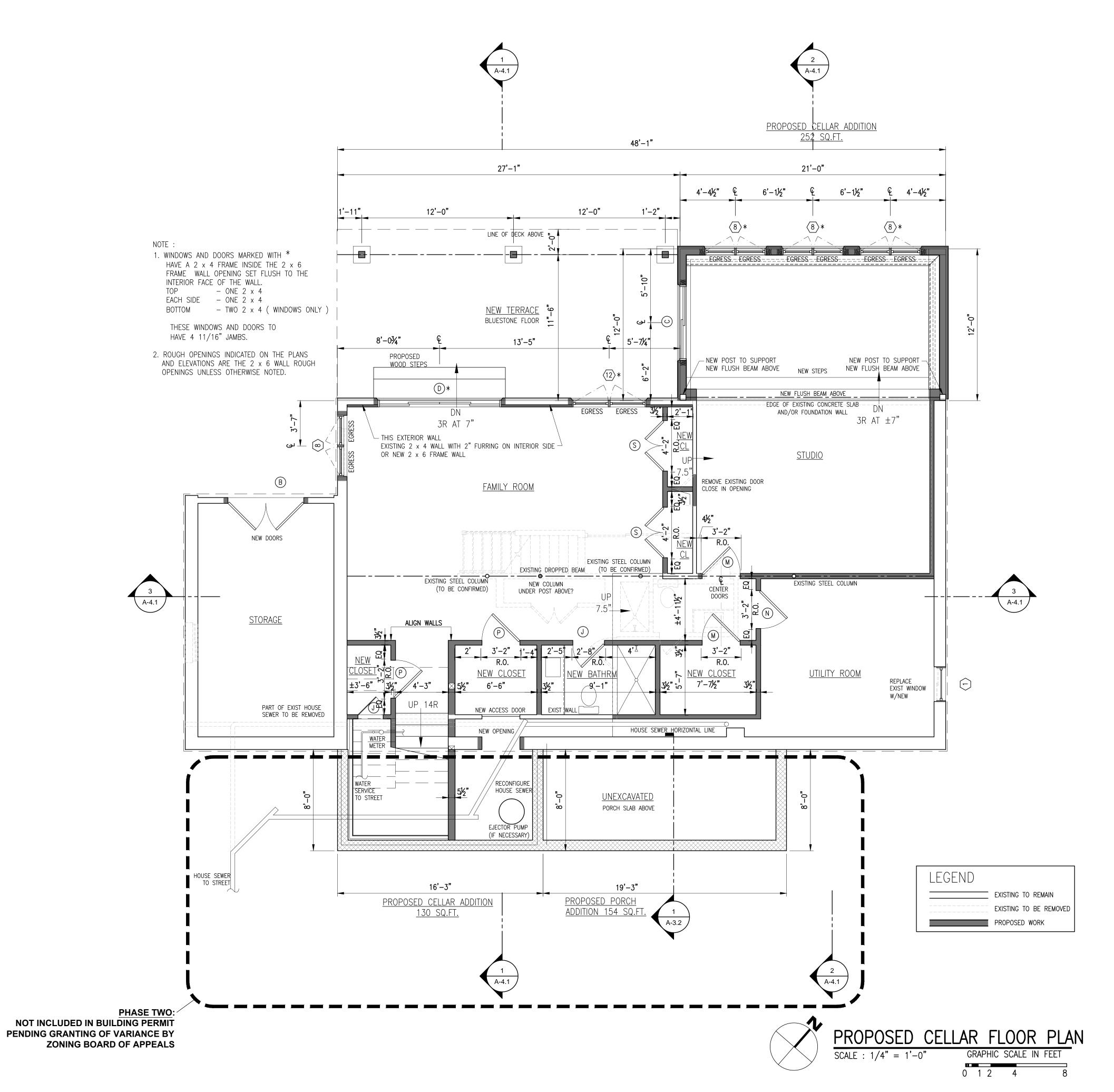
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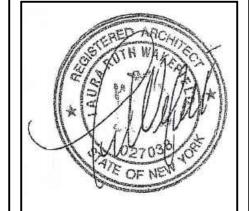
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**EROSION CONTROL AND** STORM DRAINAGE PLAN **AND DETAILS** 

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LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY.

No. 27038

TTON RESIDENC

HESTNUT DRIVE
TINGS-ON-HUDSON, N.Y. 10

GOTHAM DESIGN

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E

AND COMMUNITY DEVELOPMENT LTD.

329 Broadway
Dobbs Ferry, N.Y. 10522
Phone: ( 914 ) 693-5093
Fax: ( 914 ) 693-5390
email: arch329@gmail.com

SHEET TITLE:

PROPOSED
CELLAR FLOOR PLAN

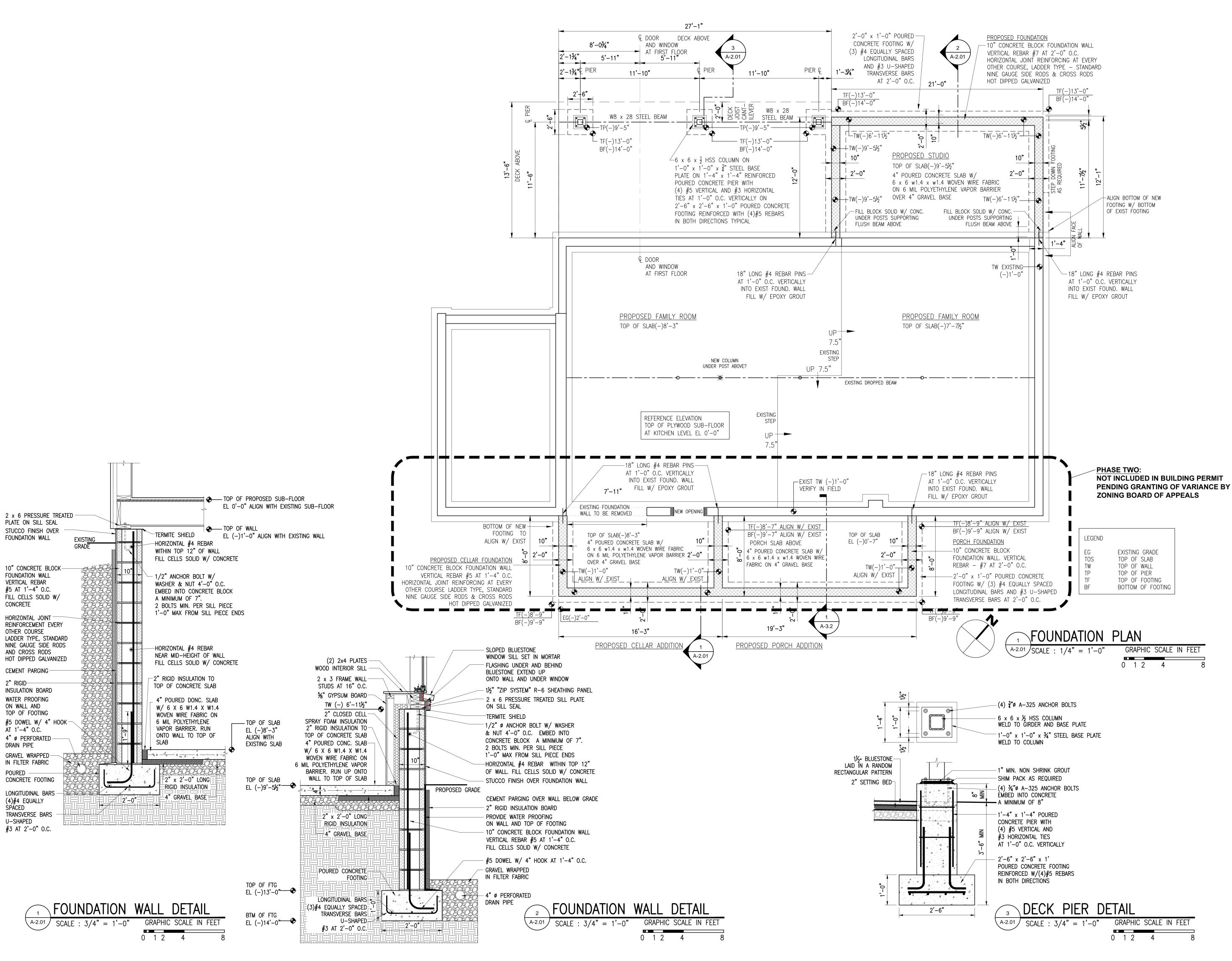
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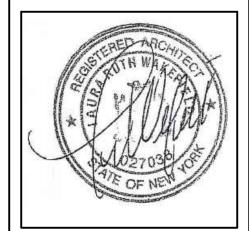
07-15-2021 MB

SCALE: CHECKED BY:

AS NOTED PRS

A-2.0





LAURA WAKEFIELD

ARCHITECT
329 BROADWAY

DOBBS FERRY, NY 10522
TEL: 914 693 6165

N.Y.S STATE LICENSE No. 27038

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PROFESSIONAL ARCHITECT, ENGINEER OR
LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY

TON RESIDENCE

HESTNUT DRIVE

TINGS-ON-HUDSON, N.Y. 107

### GOTHAM DESIGN

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Phone: ( 914 ) 693-5093
Fax: ( 914 ) 693-5390
email: arch329@gmail.com

SHEET TITLE:

FOUNDATION
PLAN

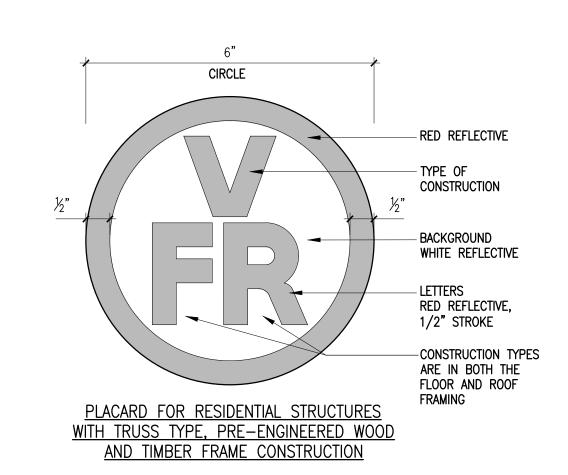
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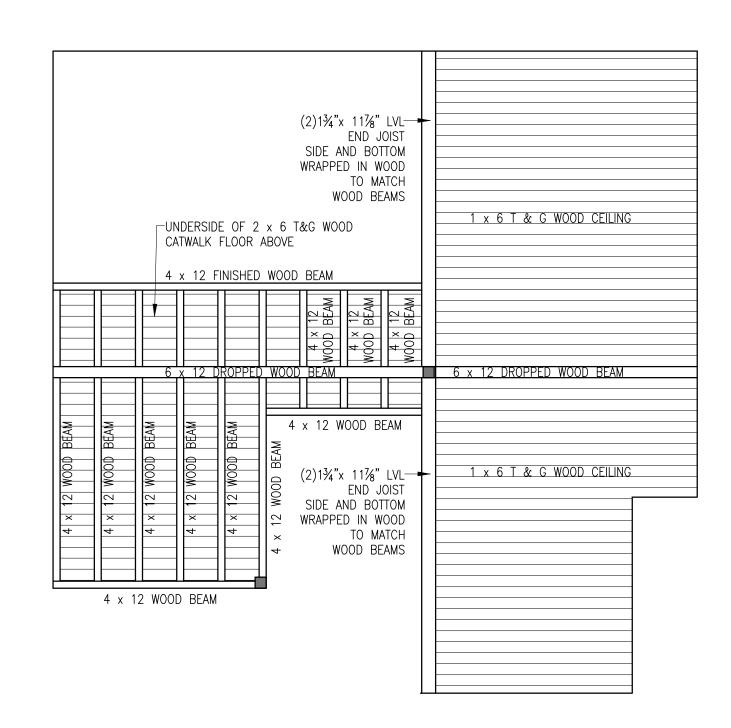
07-15-2021 MB

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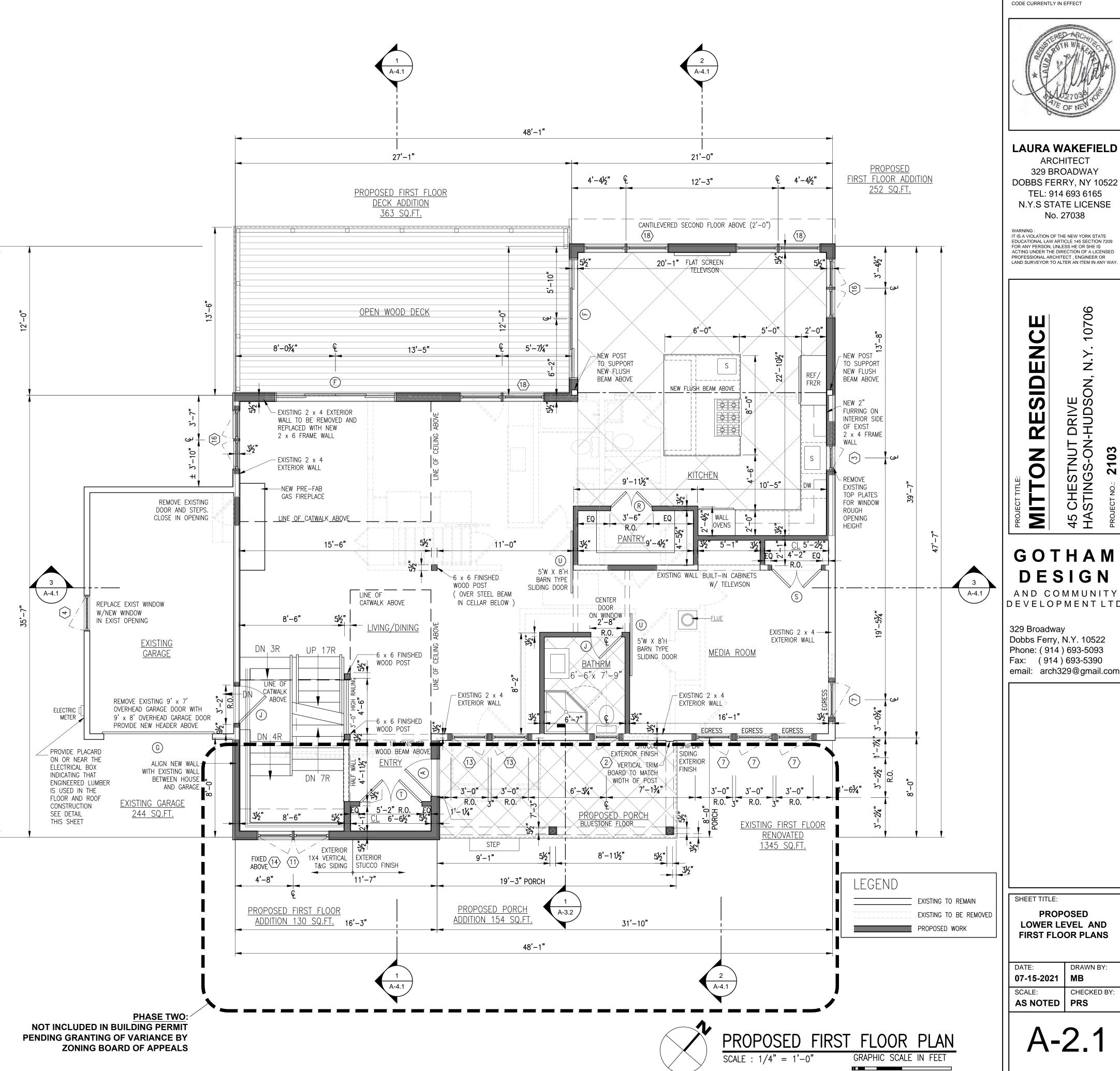
AS NOTED PRS

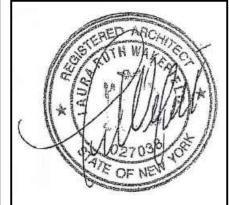
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LAURA WAKEFIELD ARCHITECT 329 BROADWAY DOBBS FERRY, NY 10522 TEL: 914 693 6165

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> > Z ON, CHESTNUT DRIVE STINGS-ON-HUDS

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**PROPOSED LOWER LEVEL AND** 

> DRAWN BY: MB CHECKED BY:

SYM	MANUF	TYPE	NUMBER	ROUGH OPENING	QUANTITY	GLAZING	U-FACTOR	SHGC	GRILLES	NOTES
1	PELLA	CLAD AWNING	CAW 3525	2'-11 3/4"x 2'-1 3/4"	1	INSULATED	0.29	0.27	NONE	
2	PELLA	CLAD CASEMENT	CC 2935	2'-5 3/4" x 2'-11 3/4"	3 (1L, 2 R)	INSULATED	0.29	0.27	NONE	
3	PELLA	CLAD CASEMENT	CC 2947	2'- 5 3/4" x 3'-11 3/4"	4 (3L, 1R)	INSULATED	0.29	0.27	NONE	
4	PELLA	CLAD CASEMENT	CC 3535	2'-11 3/4" x 2'-11 3/4"	1 L	INSULATED	0.28	0.27	NONE	
5	PELLA	CLAD CASEMENT	CC 3547	2'-11 3/4" x 3'-11 3/4"	4 (2L,2R)	INSULATED	0.29	0.27	NONE	EGRESS
6	PELLA	CLAD CASEMENT	CC 3547	2'-11 3/4" x 3'-11 3/4"	2 FIXED	INSULATED	0.29	0.31	NONE	
7	PELLA	CLAD CASEMENT	CC 3559	2'-11 3/4" x 4'-11 3/4"	4 (2L,2R)	INSULATED	0.28	0.27	NONE	EGRESS
8	PELLA	CLAD CASEMENT	CC 2959 2W	4'-10 3/4" x 4'-11 3/4"	4 ( L,R)	INSULATED	0.29	0.27	NONE	EGRESS
9	PELLA	CLAD CASEMENT	CC 2959 2W	4'-10 3/4" x 4'-11 3/4"	1 FIXED	INSULATED	0.29	0.31	NONE	
10	PELLA	CLAD CASEMENT	CC 2971 2W	4'-10 3/4" x 5'-11 3/4"	2 ( L,R)	INSULATED	0.28	0.27	NONE	EGRESS
11	PELLA	CLAD CASEMENT	CC 3547 2 W	5'-10 3/4" x 3'-11 3/4"	2 (L,R)	INSULATED	0.29	0.27	NONE	
12	PELLA	CLAD CASEMENT	CC 3559 2 W	5'-10 3/4" x 4'-11 3/4"	1 (L,R)	INSULATED	0.28	0.27	NONE	EGRESS
13	PELLA	CLAD CASEMENT MULLED	CC 3559 MULLED	5'-10 3/4" x 7'-0 3/4"	2 ( 1L,1R)	INSULATED	0.28	0.27	NONE	
ı	FELLA	CLAD AWNING	CAW 3525	5-10 5/4 X 7-0 5/4	2 ( 1L, 1K)	INSULATED	0.29	0.27	NONE	
14	PELLA	CLAD CASEMENT	CC 3547 2W FIXED	5'-10 3/4" x 3'-11 3/4"	2 FIXED	INSULATED	0.28	0.27	NONE	
15	PELLA	CLAD CASMENT	CC 2959 4W FIXED	9'-8 3/4" x 4'-11 3/4"	1 FIXED	INSULATED	0.28	0.27	NONE	
16	PELLA	CLAD CASEMENT MULLED	CC 2959 2W L ,R MULLED	4'-10 3/4" x 7'- 0 3/4"	2	INSULATED	0.29	0.27	NONE	
10	I LLLA	CLAD AWNING	CAW 2925 2W	4-10 5/4 X 7-0 5/4	2	INSOLATED	0.29	0.27	NONE	
17	PELLA	CLAD CASEMENT MULLED	CC 4147 2W FIXED MULLED	6'-10 3/4" x 6'- 0 3/4"	2	INSULATED	0.28	0.31	NONE	
17	LLLA	CLAD AWNING	CAW 4125 2W	3-10 0/4 X 0-0 0/4		INOULATED	0.29	0.27	NONE	
18	PELLA	CLAD CASEMENT MULLED	CC 4159 2W FIXED MULLED	6'-10 3/4" x 7'- 0 3/4"	3	INSULATED	0.28	0.31	NONE	
10	FLLLM	CLAD AWNING	CAW 4125 2W	U-10 J/4 X 1 - 0 J/4	5	INSULATED	0.29	0.27	NONE	

EGRESS WINDOW:

INTERIOR DOOR HARDWARE

PRIVACY SET - BATHROOMS AND BEDROOMS

PASSAGE SET - SINGLE DOOR CLOSETS
DUMMY PAIR - DOUBLE DOOR CLOSETS

HINGES TO MATCH HARDWARE FINISH

- THESE WINDOWS MEET OR EXCEED THE REQUIREMENTS OF SECTION R310.2.1 FOR EMERGENCY ESCAPE AND RESCUE OPENINGS. EGRESS OPENINGS TO HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET.
- THE NET CLEAR HEIGHT OPENING SHALL NOT BE LESS THAN 24 INCHES.
- THE NET CLEAR WIDTH OPENING SHALL NOT BE LESS THAN 20 INCHES.
- THE SILL HEIGHT SHALL BE NOT MORE THAN 44 INCHES ABOVE THE FLOOR.

DO	OR SC	HEDULE M	IITTON 4	5 CHEST	NUT D	RIVE HA	STINGS -	ON HUE	SON, N	.Y. 10	706
EX.	TERIOR										
SYM	MANUF	TYPE	NUMBER	ROUGH OPE	NING	QUANTITY	GLAZING	U-FACTOR	SHGC	GRILLES	NOTES
A		SWINGING DOOR	3'-0" x 8'-0"	3'-2 1/2" x	8'-2 1/2"	1	INSULATED				
В		SWINGING DOOR	(2)3'-0" x 7'-0"	6'- 2 1/2" x	7'-2 1/2"	1	INSULATED				
С	PELLA LIFESTYLE	CLAD PATIO SLIDING DR	2 PANEL CPSD 7296 ( OX )	6'- 0" x	8'- 0"	1	INSULATED	0.28	0.28	NONE	
D	PELLA LIFESTYLE	CLAD PATIO SLIDING DR	4 PANEL CPSD 11782 ( OXXO))	9'- 8 7/8" x	6'- 10"	1	INSULATED	0.28	0.28	NONE	
Е	PELLA LIFESTYLE	CLAD PATIO SLIDING DR	4 PANEL CPSD 11782 ( OXXO))	9'- 8 7/8" x	6'- 10"	1	INSULATED	0.28	0.28	NONE	
F	PELLA LIFESTYLE	CLAD PATIO SLIDING DR	4 PANEL CPSD 11796 ( OXXO))	9'- 8 7/8" x	8'- 0"	2	INSULATED	0.28	0.27	NONE	
G		OVERHEAD GARAGE DR		8'-0" x	8'-0"	1	INSULATED				

NT	ERIOR						<u>,                                      </u>	
SYM	MANUF	TYPE	TYPE	SIZE	ROUGH OPE	NING	QUANTITY	NOTES
Н	TRUSTILE	SWINGING DOOR		1'-6" x 6'-8" x 1 3/8"	2'-8" x	6'- 10 1/2"	1	
J	TRUSTILE	SWINGING DOOR		2'-6" x 6'-8" x 1 3/8"	2'-8" x	6'- 10 1/2"	3	
К	TRUSTILE	POCKET DOOR		2'-6" x 6'-8" x 1 3/8"	5'-2" x	7'- 1 1/2"	2	
L	TRUSTILE	SWINGING DOOR		2'-8" x 6'-8" x 1 3/8"	2'-10" x	6'- 10 1/2"	1	
М	TRUSTILE	SWINGING DOOR		3'-0" x 6'-6" x 1 3/4"	3'-2" x	6'- 8 1/2"	2	
N	TRUSTILE	SWINGING DOOR		3'-0" x 6'-6" x 1 3/4"	3'-2" x	6'- 8 1/2"	1	3/4 HOUR FIRE RATED DOOR WITH SELF CLOSING MECHANISM
Р	TRUSTILE	SWINGING DOOR		3'-0" x 6'-8" x 1 3/4"	3'-2" x	6'- 10 1/2"	5	
Q	TRUSTILE	SWINGING DOOR		3'-0" x 6'-6" x 1 3/4"	3'-2" x	6'- 8 1/2"	1	3/4 HOUR FIRE RATED DOOR WITH SELF CLOSING MECHANISM
R	TRUSTILE	SWINGING DOOR		(2) 1'-8" x 6'-8" x 1 3/8"	3'-6" x	6'- 10 1/2"	4	
S	TRUSTILE	SWINGING DOOR		(2)2'-0" x 6'-8" x 1 3/8"	4'-2" x	6'- 10 1/2"	5	
Т	TRUSTILE	SWINGING DOOR		( 2 ) 2'-0" x 8'-0" x 1 3/8"	4'-2" x	8'- 2 1/2"	1	
U	TRUSTILE	BARN TYPE SLID DR		5'-0" x 8'-0" x 1 3/8"			2	
v		ATTIC HATCH		2'-5 1/2" x 4'-5 1/2"	2'-6 " x	4' - 6"	3	WITH FOLDING STAIRS

GLAZING NOTES:

1. PROVIDE SAFETY GLASS AND REQUIRED IDENTIFICATION LABEL ON ALL GLAZING WITHIN 18 INCHES OF ANY

FLOOR.
2. PROVIDE SAFETY GLASS AND REQUIRED IDENTIFICATION LABEL ON ALL GLAZING WITHIN 24 INCHES OF EITHER SIDE OF THE DOOR IN THE PLANE OF THE DOOR IN A CLOSED POSITION AND WHERE THE GLAZING IS ON A WALL LESS THAN 180 DEGREES FROM THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN 24 INCHES OF THE HINGE SIDE OF AN IN-SWINGING DOOR.

EXCEPTION: 1. DECORATIVE GLAZING 2. THERE IS AN INTERVENING WALL OR OTHER PERMANENT BARRIER THE DOOR AND GLAZING. 3.WHERE ACCESS THROUGH THE DOOR IS TO A CLOSET OR STORAGE AREA 3 FEET OR LEGGINARIES.

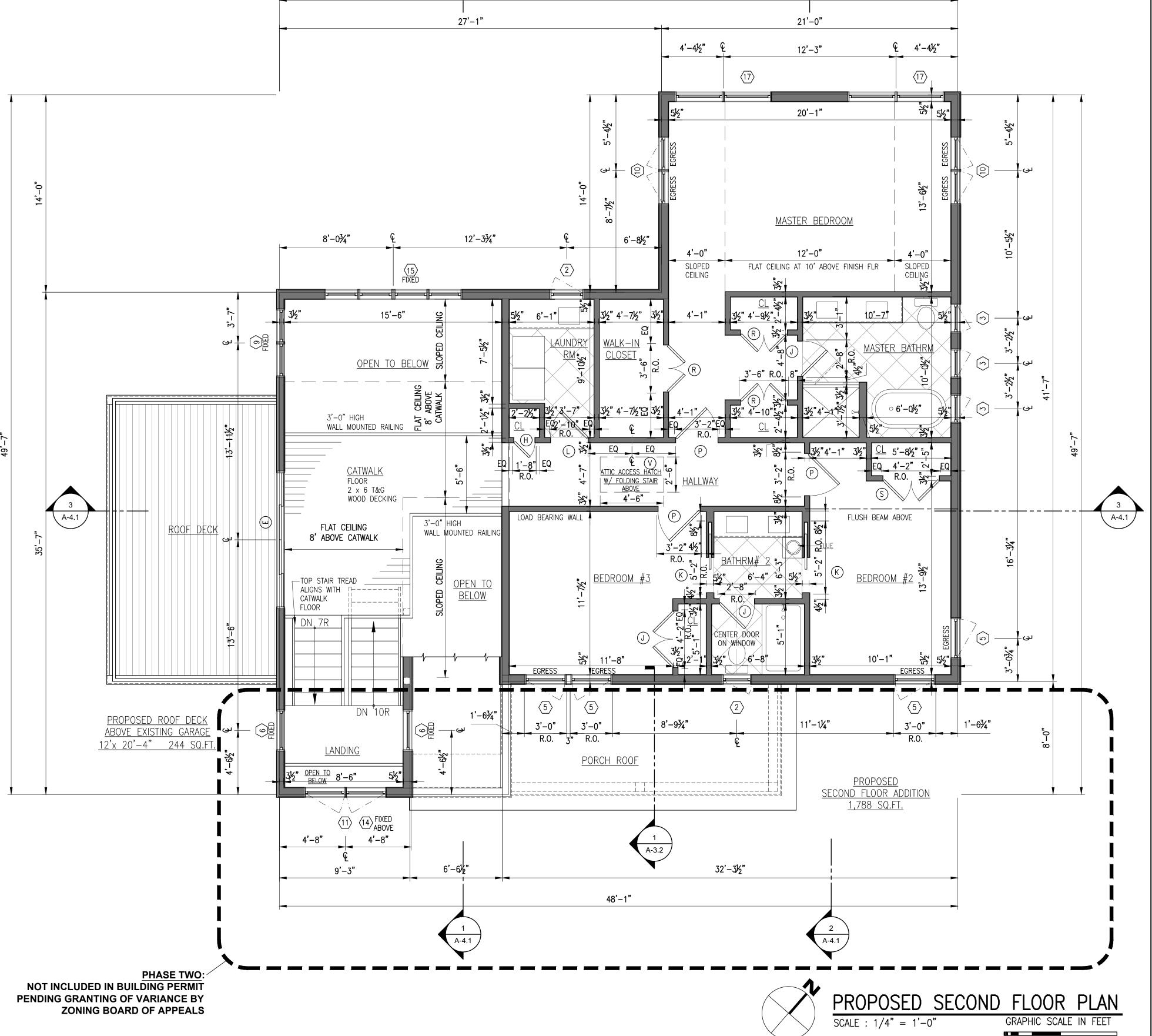
OR LESS IN DEPTH.

3. PROVIDE SAFETY GLASS AND REQUIRED IDENTIFICATION LABEL ON ALL GLAZING IN ALL HAZARDOUS LOCATIONS. GLAZING IN WALLS, ENCLOSURES OR FENCES CONTAINING OR FACING HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS, AND INDOOR OR OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE SHALL BE CONSIDERED TO BE A HAZARDOUS LOCATION. THIS

EXCEPTION: GLAZING THAT IS MORE THAN 60 INCHES MEASURED HORIZONTALLY, AND IN A STRAIGHT LINE, FROM THE WATER'S EDGE OF A BATHTUB, HOT TUB, SPA, WHIRLPOOL OR SWIMMING POOL OR FROM THE EDGE OF A SHOWER, SAUNA OR STEAM ROOM.

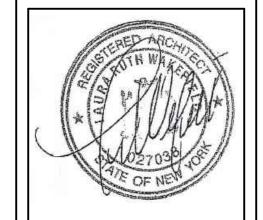
SHALL APPLY TO SINGLE GLAZING AND EACH PANE IN MULTIPLE GLAZING.

4. PROVIDE SAFETY GLASS AND REQUIRED IDENTIFICATION LABEL ON ALL GLAZING THAT IS WITHIN 60 INCHES FROM THE BOTTOM OF ANY STAIR AND LESS THAN 36 INCHES ABOVE THE FINISHED FLOOR OR LANDING. FOR MORE INFORMATION REFER TO SECTION 308 OF THE 2020 RESIDENTIAL CODE OF NEW YORK STATE (NOVEMBER 2019 EDITION).



48'-1"

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT OF THE UNDERSIGNED, THE PLANS AND SPECIFICATIONS DEPICTED ON THESE DRAWINGS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISION OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE CURRENTLY IN EFFECT



LAURA WAKEFIELD

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TTON RESIDENC CHESTNUT DRIVE STINGS-ON-HUDSON, N.Y. 10

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PROPOSED
SECOND FLOOR PLAN
DOOR AND WINDOW
SCHEDULES

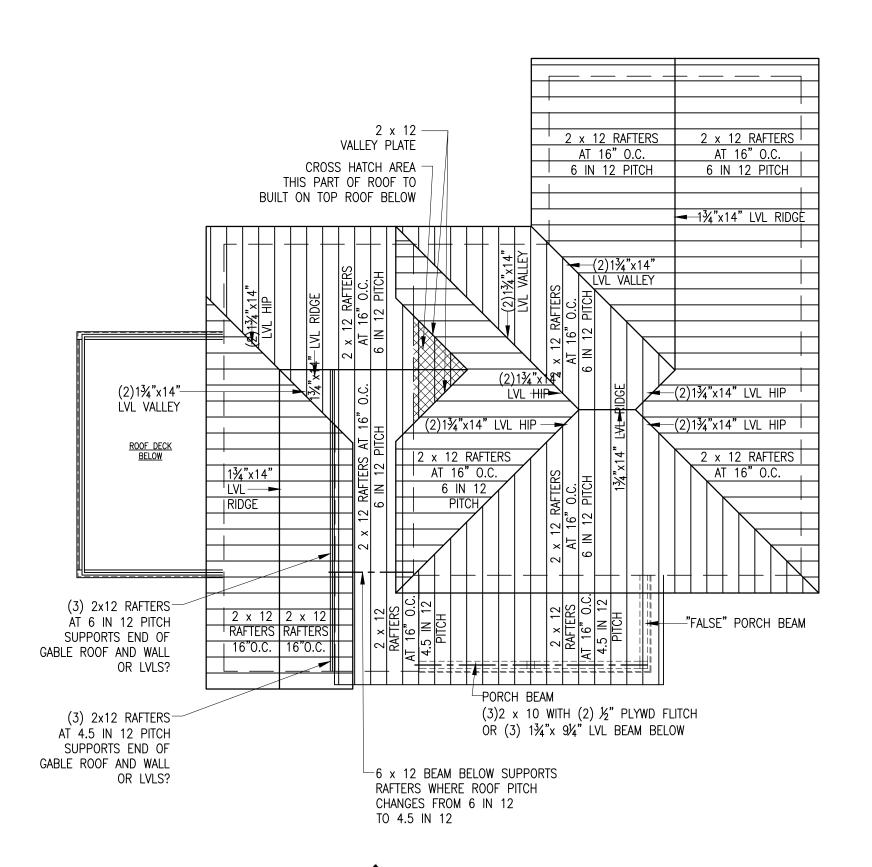
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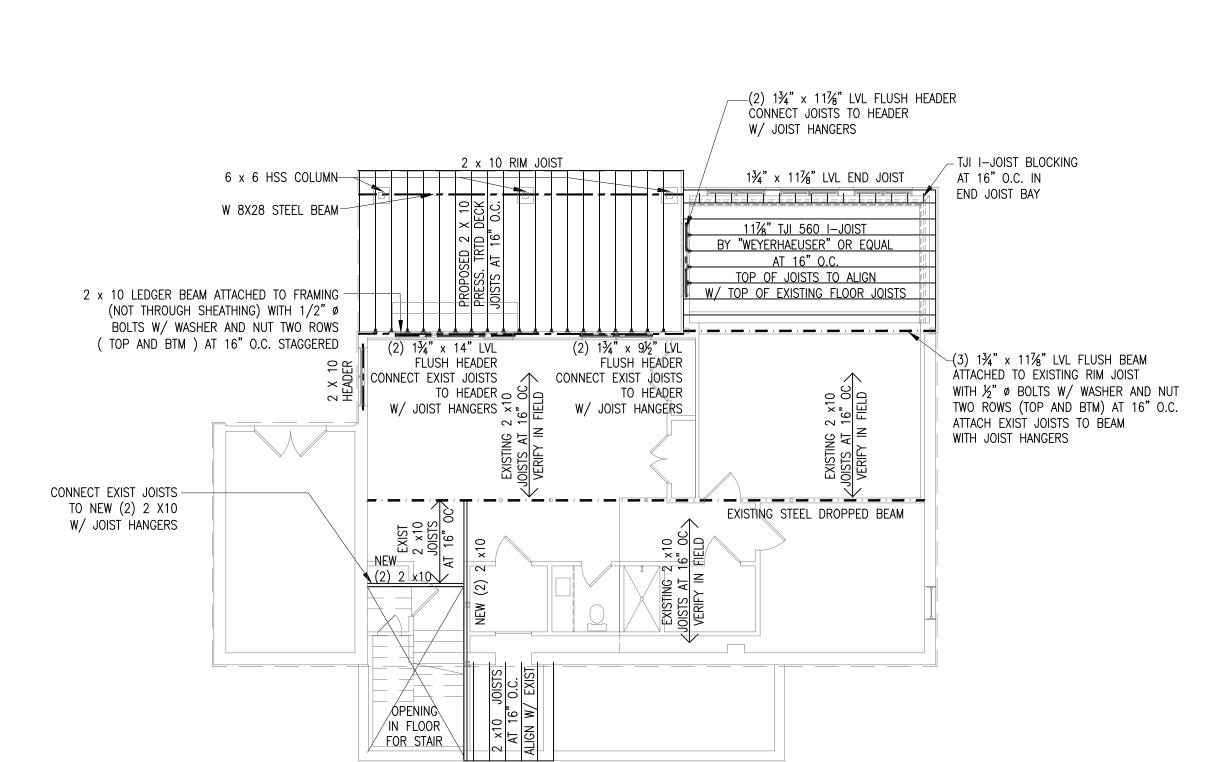
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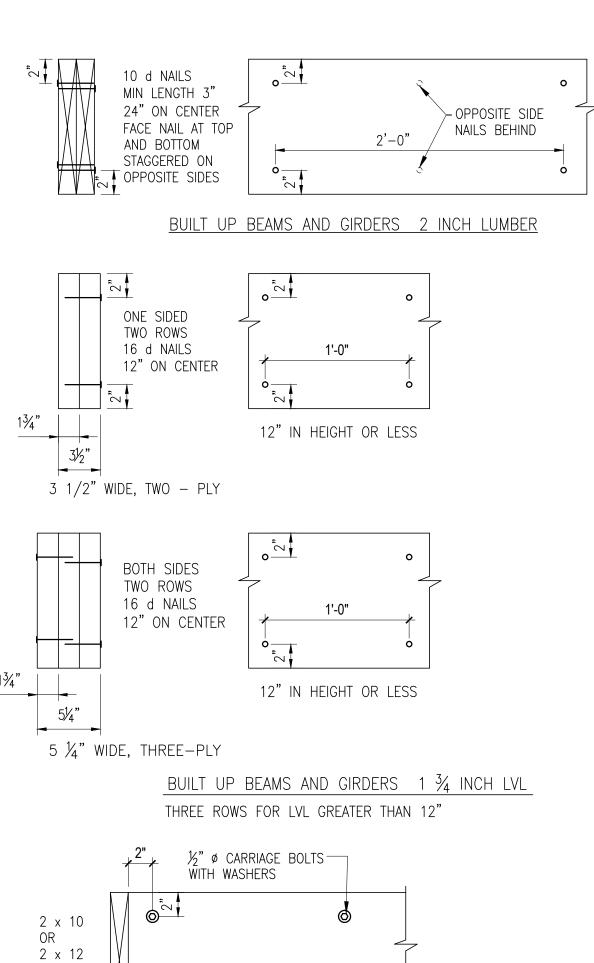


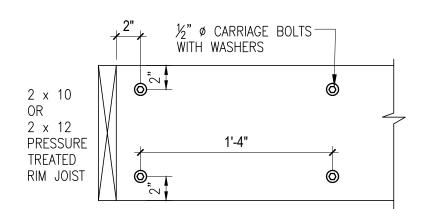


SCALE: 1/8" = 1'-0"

GRAPHIC SCALE IN FEET

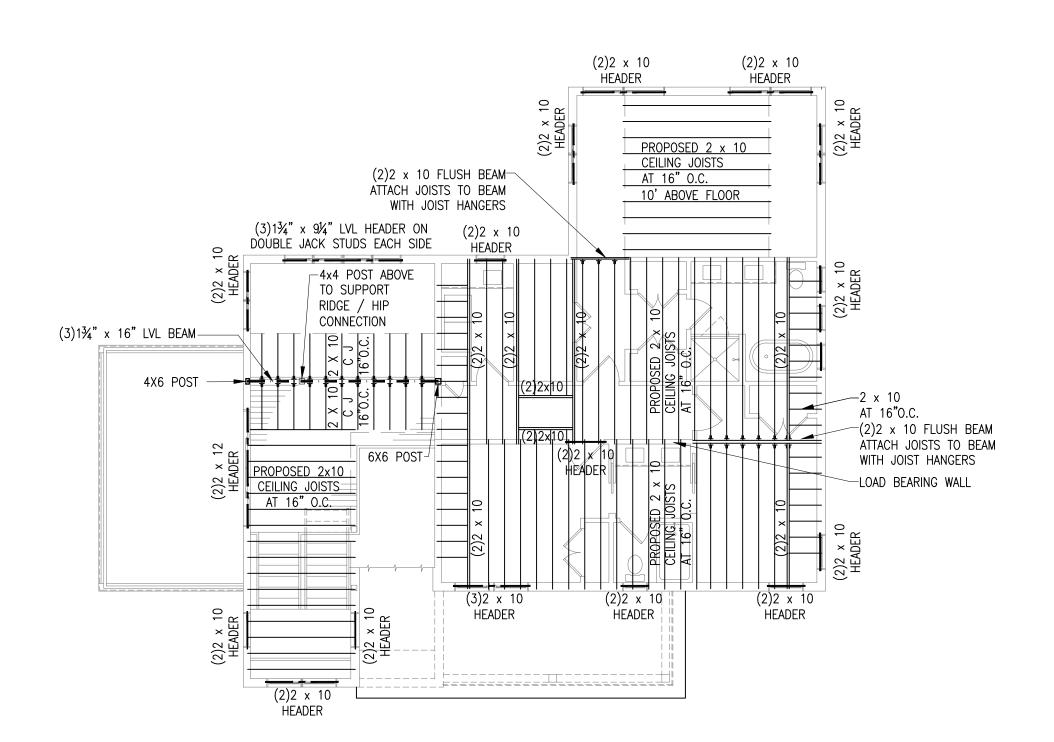
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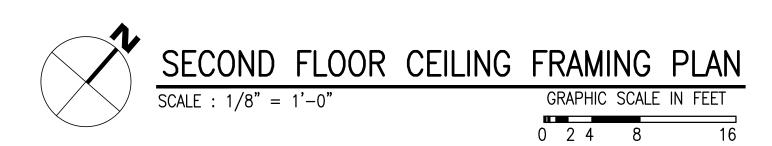


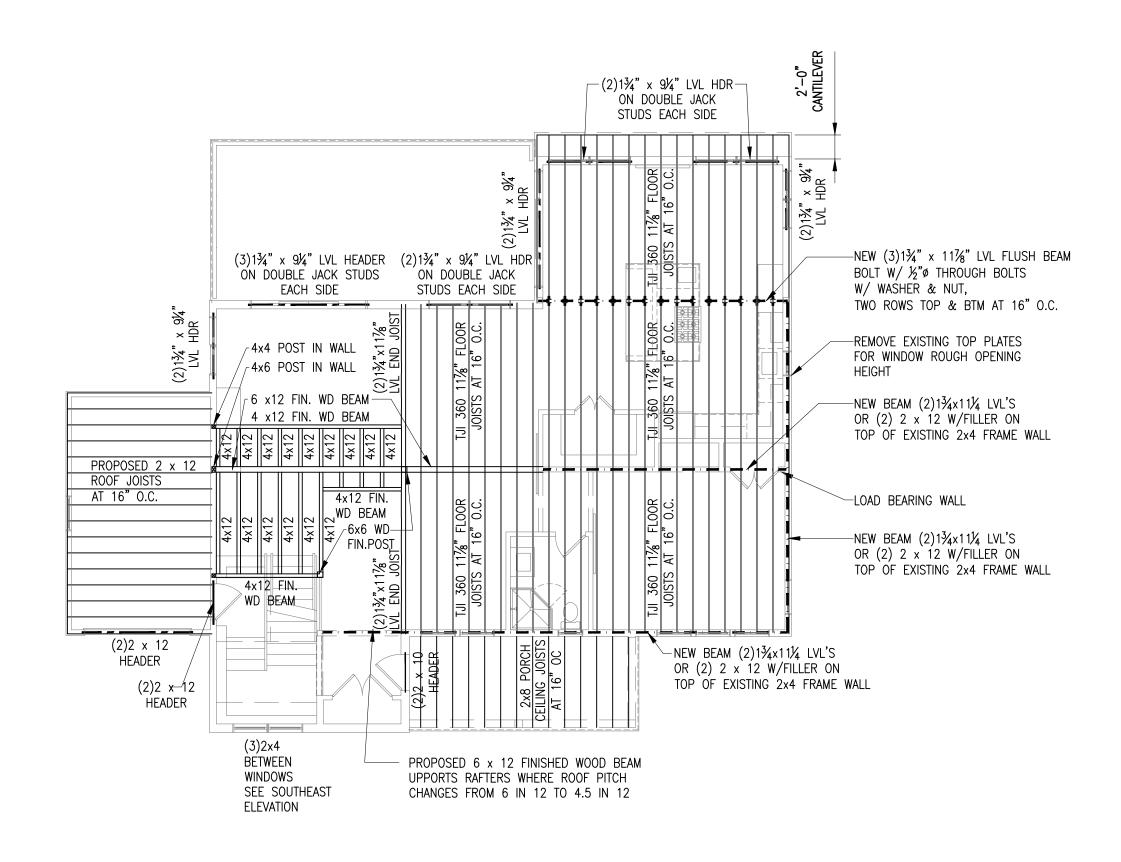


ELEVATION OF 2 x 10 or 2 x 12 LEDGER

ALL FASTENERS AND CONNECTORS SHALL BE A MATERIAL OR FINISH THAT IS PROTECTED FROM THE CORROSIVE CHARACTERISTICS OF THE PRESSURE TREATED MATERIALS USED. FOR EXAMPLE, FASTENERS IN CONTACT WITH WOOD TREATED WITH ACQ SHALL BE EITHER STAINLESS STEEL OR HOT DIPPED GALVANIZED

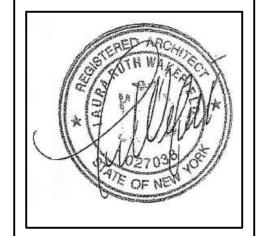








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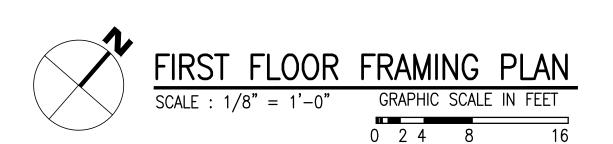
email: arch329@gmail.com

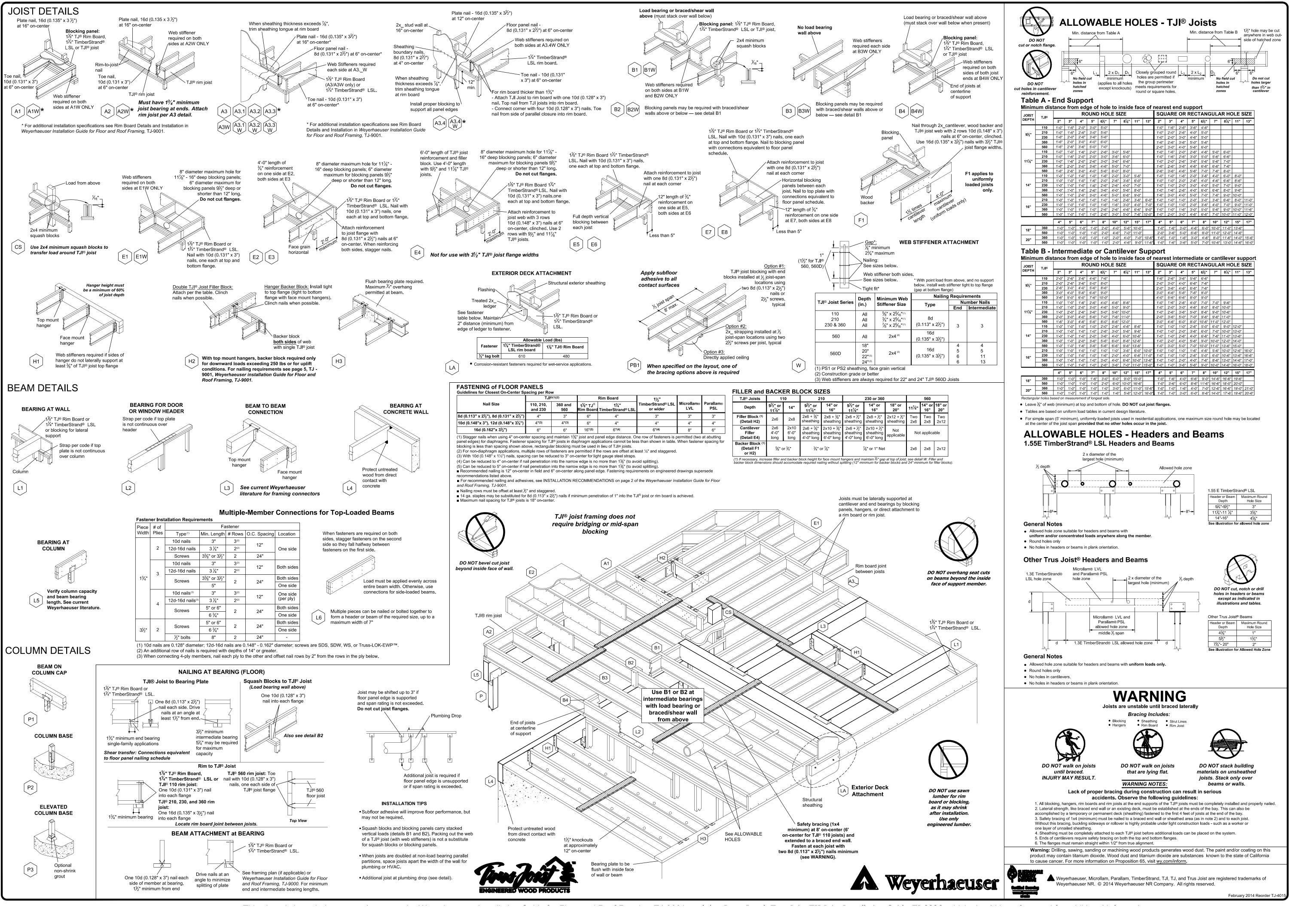
Fax: (914) 693-5390

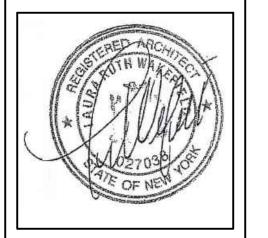
SHEET TITLE:

**PROPOSED** FRAMING PLANS

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10706 ≥ □ DR. HUI TNUT S-ON

GOTHAM

DESIGN

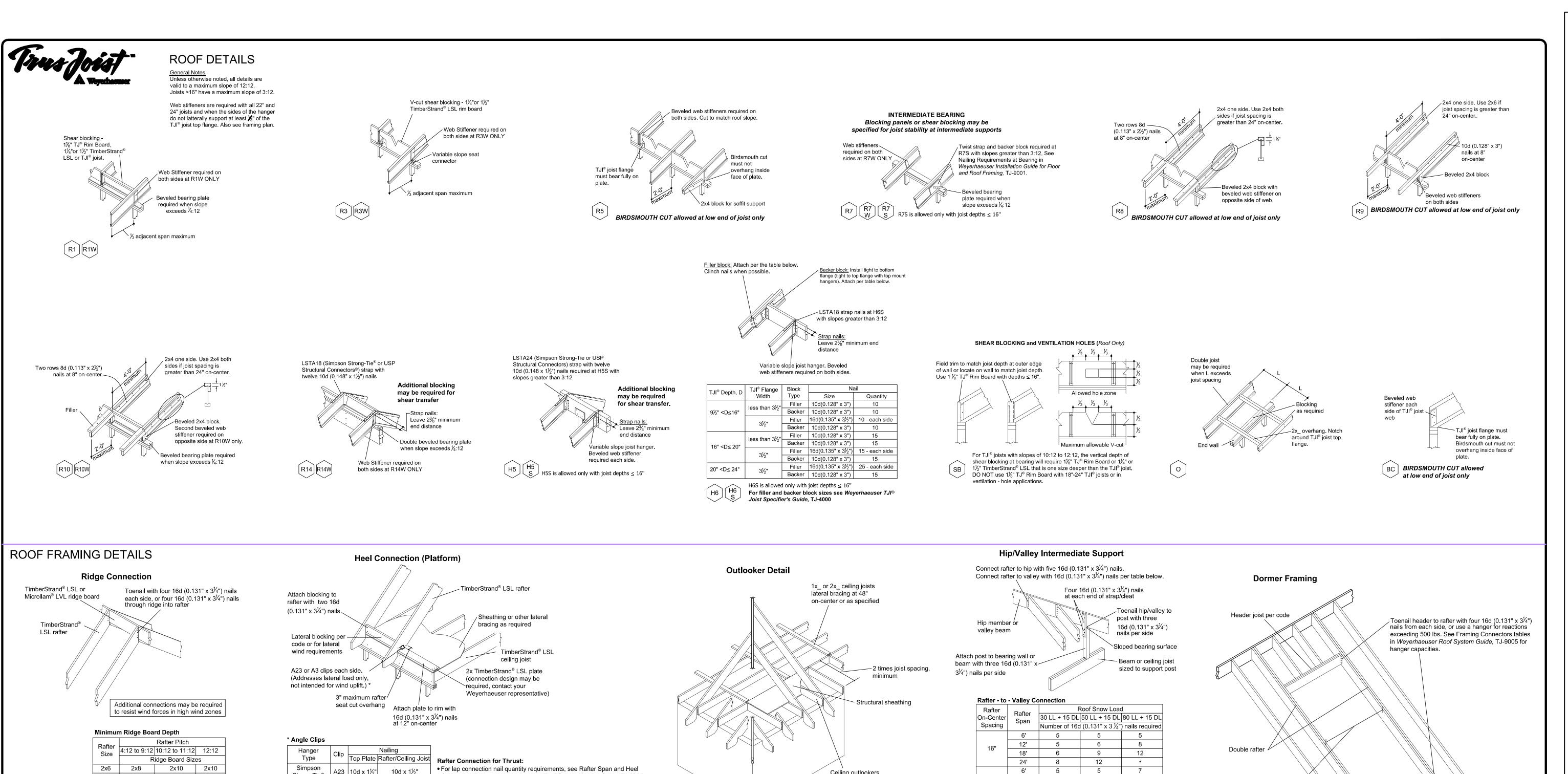
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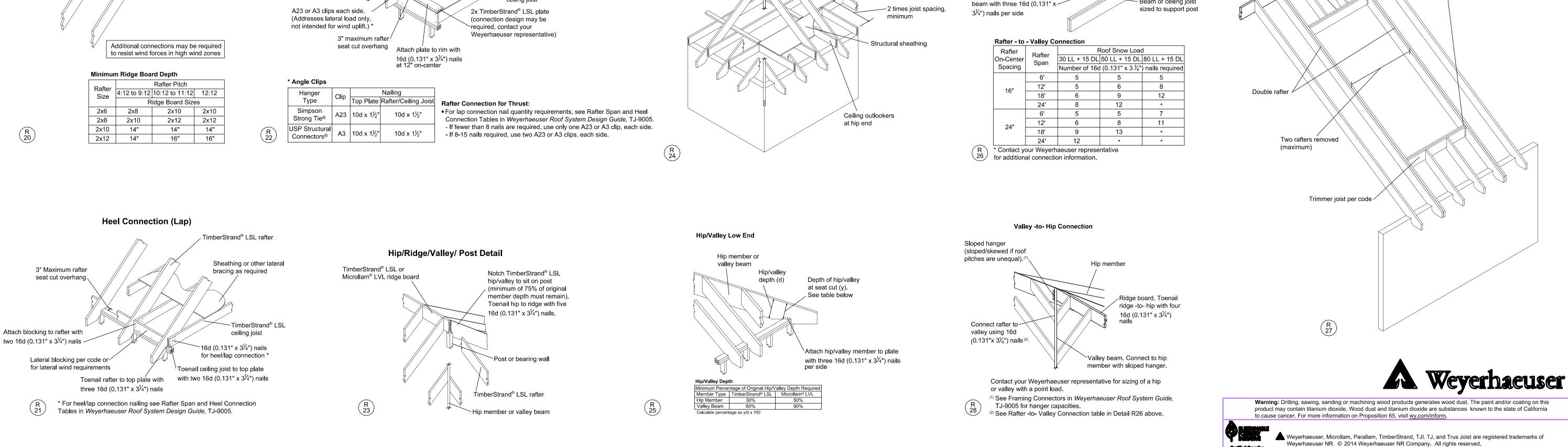
329 Broadway Dobbs Ferry, N.Y. 10522 Phone: (914) 693-5093 Fax: (914) 693-5390 email: arch329@gmail.com

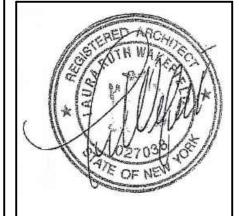
SHEET TITLE: **I-JOIST DETAILS** 

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**ENCE**N.Y. 10706

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SHEET TITLE:

I-JOIST ROOF FRAMING DETAILS

 DATE:
 DRAWN BY:

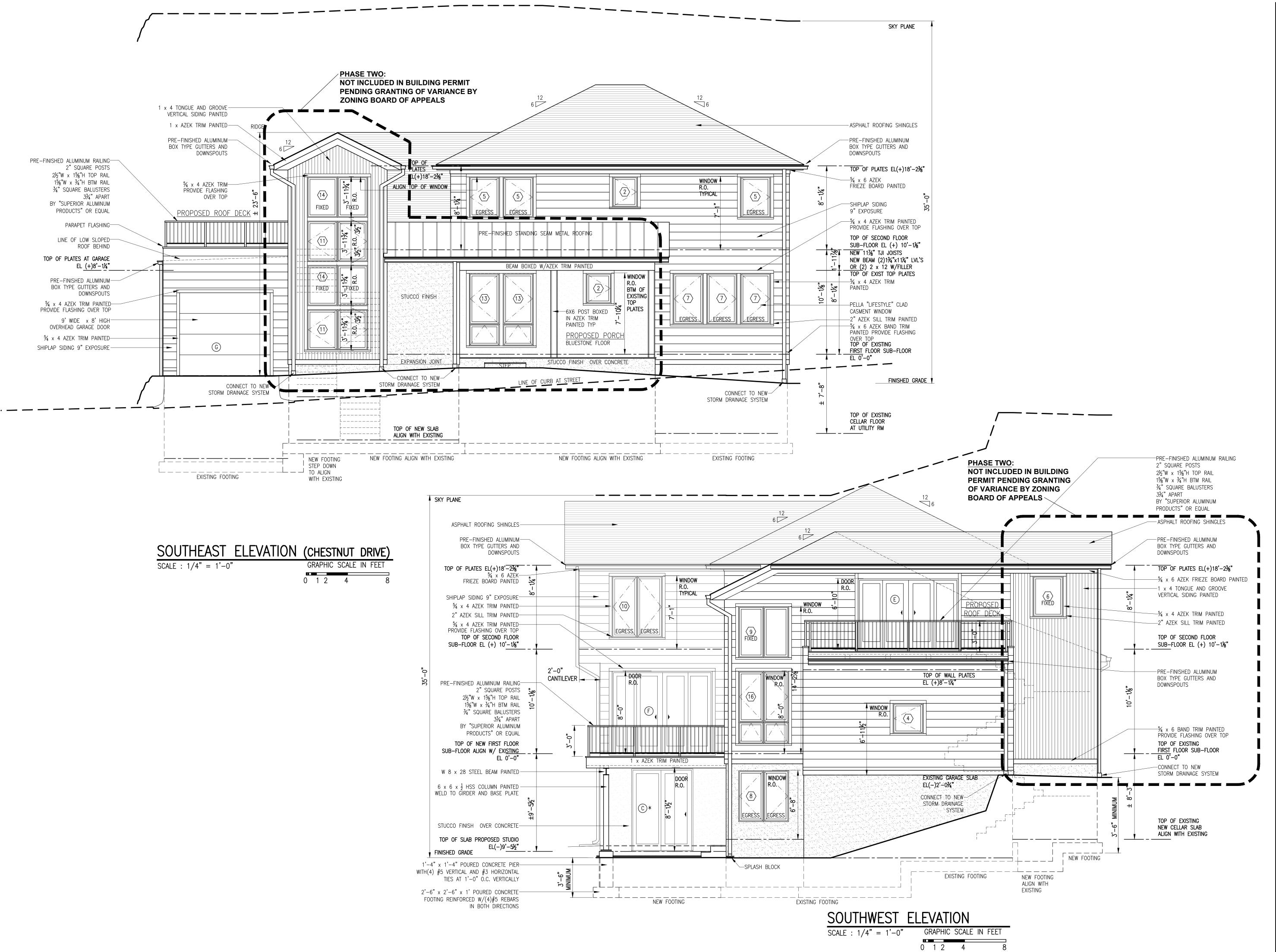
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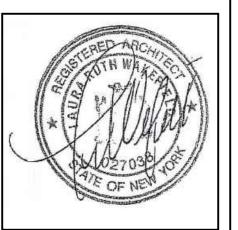
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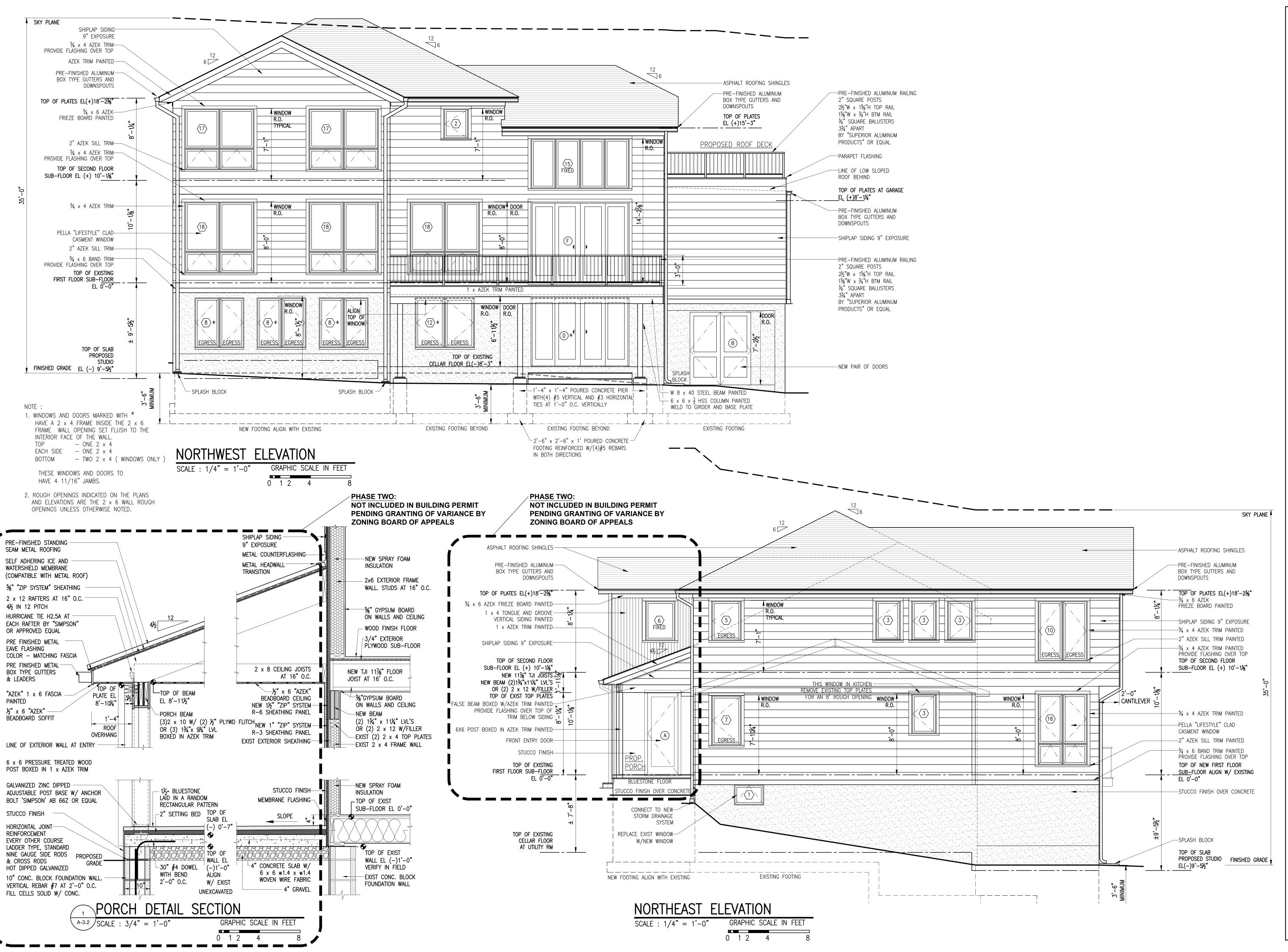
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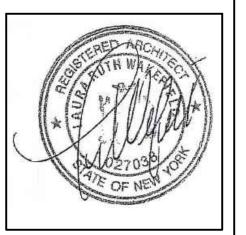
PROPOSED
SOUTHEAST AND
SOUTHWEST
ELEVATIONS

DATE: DRAWN BY:
07-15-2021 MB

SCALE: CHECKED BY:
AS NOTED PRS

A-3.1





ARCHITECT
329 BROADWAY
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HESTNUT DRIVE
TINGS-ON-HUDSON, N.Y. 1070

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PROPOSED
NORTHWEST AND
NORTHEAST
ELEVATIONS

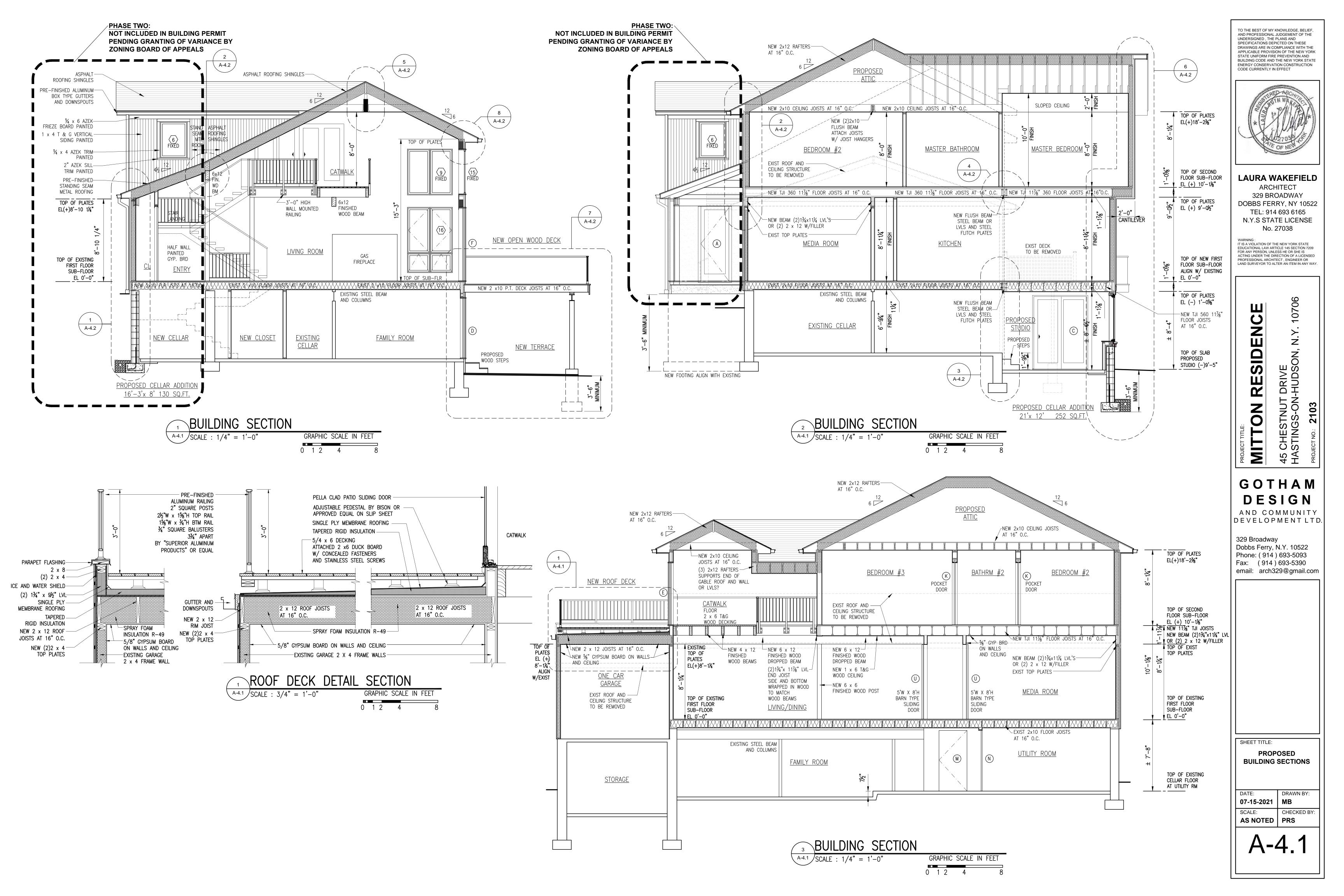
 DATE:
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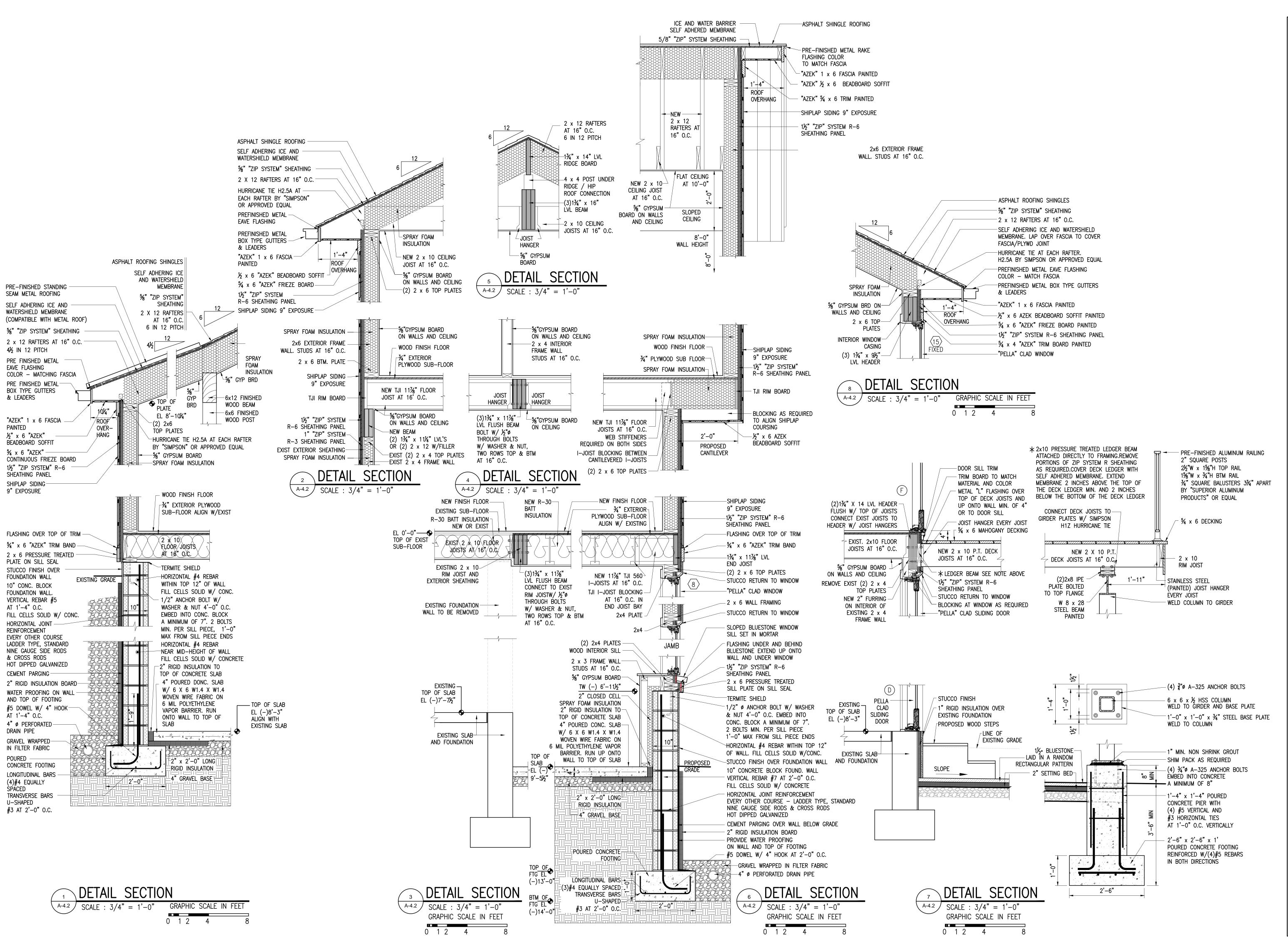
 07-15-2021
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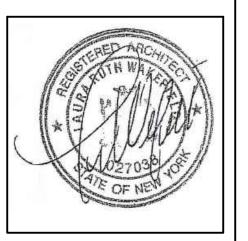
 SCALE:
 CHECKED BY:

 AS NOTED
 PRS

**A-3.2** 







# LAURA WAKEFIELD ARCHITECT 329 BROADWAY DOBBS FERRY, NY 10522 TEL: 914 693 6165

N.Y.S STATE LICENSE

No. 27038

WARNING:
IT IS A VIOLATION OF THE NEW YORK STATE
EDUCATIONAL LAW ARTICLE 145 SECTION 7209
FOR ANY PERSON, UNLESS HE OR SHE IS
ACTING UNDER THE DIRECTION OF A LICENSED

LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY

**ENCE**N.Y. 10706

TTON RESIDE
HESTNUT DRIVE
TINGS-ON-HUDSON, 1

### GOTHAM DESIGN

AND COMMUNITY DEVELOPMENT LTD.

329 Broadway
Dobbs Ferry, N.Y. 10522
Phone: (914) 693-5093
Fax: (914) 693-5390
email: arch329@gmail.com

SHEET TITLE:

PROPOSED

DETAIL SECTIONS

 DATE:
 DRAWN BY:

 07-15-2021
 SSJ

 SCALE:
 CHECKED BY:

 AS NOTED
 PRS

A-4.2

