

Town of Monterey

Zoning Board of Appeals Application

For office use only

Date application was received & filed with the Town Clerk	
Application Number	
Filing fee/expense reimbursement (check #)	
Property Address	
Dates advertised in the Berkshire Eagle	
Hearing Date	
11 copies submitted	
Be sure to supply all required information and sign the form who by-Laws of the Town of Monterey adopted by Town Meeting of necessary, refer to specific sections within. Applicant shall also be required to submit the application a subsequent submission) electronically to the Administrative	on May 5, 2012, as amended, and, when and attached documents (and any
Section A. Please check the action you are seeking (check	all that apply):
X Special Permit	
☐ Variance	
☐ Appeal (to modify a decision of a Town Board)	
Section B. Site/Property Information:	
Address of property (ex. 123 Main Rd.): 7 Buckingham La	ne
Assessor's Map #: 102 Assessor's Lot #: 53	
Zoning District(s): Lake Shore District	
Registry of Deeds Book & Page Number for Applicant's T	Γitle: Book: 02650 Pages:7-10

Section C. Property Ownership Information:

Full Name of Owner(s) (this must match the name on your deed referenced in Section B): Jessica Reif-Caplan and Benjamin Reif-Caplan

Mailing Address: 43 Kingston Road, Newton, MA 02461

Owner's email address and phone number: jessica.reif@gmail.com / 617.947.1945

Full name and mailing address of owner's agent or representative: Stephan Green and Brian Bordonaro of Clark and Green Architects 113 Bridge Street Great Barrington, MA

Agent or representative's email address and phone number: sgreen@clarkandgreen.com bbordonaro@clarkandgreen.com 413.528.5180

Section D. Project Description (attach additional sheets if necessary):

Please provide a brief description of the Relief Sought and/or Proposed Project:

Asking for relief to remove and reconstruct a non-conforming single-family dwelling on a non-conforming parcel. The new dwelling will conform to the dimensional requirements as listed in Section 4.2 of the zoning bylaws. Relief will be sought for the height of the new structure, which will be increased over the height of the existing structure but still remain below the maximum allowable height of 35 feet. Please see attached narrative for more detailed information.

Section E. Variances, if applicable (attach additional sheets if necessary):

From which section of the zoning bylaws are you requesting a variance? N/A

What will the requested variance enable you to do? N/A

If the variance is not granted, what hardship will you endure? N/A

What special circumstances relating to soil condition, shape or topography of the land is prompting your request for a variance? N/A

Explain why your special circumstances are not a result of your own actions? N/A

Section F. Appeals (attach additional sheets as necessary and a copy of any written determination/action)

What action of which Town board is being appealed? N/A

Date of the action: N/A

Describe the remedy you seek: N/A

Section G. Special Permits, if applicable (attach additional sheets if necessary):

Describe the need for a Special Permit: The existing single-family dwelling is a non-conforming structure because it is located less than 40 feet from the mean high water line of Lake Garfield. The new single-family dwelling will conform to Section 4.2 Dimensional Requirements but will increase in height. Per Section 5.1.6 "Nonconforming Single and Two Family Residential Structures" any change in height over the existing structure requires a Special Permit. The existing structure is located below the flood plain as set forth by FEMA, the new structure will be raised above the flood plain and meet state of Massachusetts guidelines for flood resistant construction.

List all the nonconforming aspects of the property: The new single-family dwelling will conform to all aspects of Section 4.2 Dimensional Requirements of the zoning bylaws.

Has a special permit or variance been previously granted to this property which is/are currently active? If yes, please describe and/or attach copies of prior decisions: No

Each party signing this Application certifies that the information contained herein is true, accurate, complete and that no material fact or statement has been omitted from this Application which would be relevant to the relief requested hereunder. Signing and submitting this Application constitutes permission for the Board and/or its designees to access and walk the exterior portions of the property for the purpose of site visits in connection with the Application.

Applicant or Representative's Signature:

Owner's Signature: Bery P. Cyl

Date: 02.01.22

P(413)528-5180 F(413)528-6420

7 Buckingham Lane Special Permit Narrative

The property is located in the Lake Shore District. The Lake Shore District consists of all land located within 260 feet of the mean high water level line of Lake Buel or Lake Garfield. It was originally established in 1961 and as stated in Section 4.2.1 of the zoning bylaws it predates May 3, 1986 which allows all yard setback requirements to be 15 feet. As stated in Section 4.2.2. "no structure except fences, steps and docks may be erected in the Lake Shore District less than forty (40) feet from the mean high water line." These notes along with the "Table of Dimension Requirements" in Section 4.2.1 yields the following table of dimensional requirements for this property.

TABLE OF DIMENSIONAL REQUIREMENTS				
Category	Requirement	Existing	Proposed	Conformance
Property Area	2 Acres Minimum	0.23 Acres	0.23 Acres	No
Frontage	200 Feet Minimum	90.00 Feet	90.00 Feet	No
Front Setback	15 Feet Minimum	20'-2"	15'-1"	Yes
Left Side Setback	15 Feet Minimum	16′-2″	15′-6″	Yes
Right Side Setback	15 Feet Minimum	31′-7″	27′-3″	Yes
Rear (Lake) Setback	40 Feet Minimum	31′-6″	40′-3″	Yes
Building Height	35 Feet Maximum	14′-3″	31′-6″	Yes
Land Coverage	20% Maximum	14.5%	18.3%	Yes
Habitable Area	NA	1,256 sq. ft.	2,840 sq. ft.	NA
Total Area	NA	2,262 sq. ft.	2,999 sq. ft.	NA

The property is in non-conformance in two ways, it does not meet the requirements for property area or frontage, but is grandfathered in because it was in existence prior to the zoning bylaws. The existing structure is also in non-conformance as it does not meet the rear (lake) setback. The non-conformance makes Section 5.1.6 "Noncorforming Single and Two Family Residential Structures" take precedent. Section 5.1.6.b. reads: "

By Special Permit - Single and Two Family Structures. In cases where a building permit is not authorized as a matter of right, above, the Zoning Board of Appeals may authorize by special permit any extension, alteration, or reconstruction of an existing nonconforming single or two family dwelling provided the Zoning Board of Appeals finds that such change would not increase the nonconforming nature of the structure, lot, and/or use."

The property is partially located in a flood plain zone off Lake Garfield. The existing house is constructed below the FEMA base flood elevation and the new structure will be built to meet Massachusetts code for flood resistant construction. We are proposing to demolish the existing house and reconstruct a new single-family dwelling by special permit as stated in Section 5.1.6.

The new single-family dwelling will conform to Section 4.2 Dimensional Requirements but will increase in height. Per Section 5.1.6 "Nonconforming Single and Two Family Residential Structures" any change in height over the existing structure requires a Special Permit. The new structure will remain below the maximum 35 foot height requirement.

In accordance to Section 9.4.2 to obtain a special permit it must be shown the adverse effects of the new structure will not outweigh its beneficial impacts to the town or the neighborhood. The following section addresses the listed criteria:

- Social, economic, or community needs which are served by the proposal the existing
 property is used as a single-family structure and will be continued to used in the same
 manner.
- 2. <u>Traffic flow and safety, including parking and loading</u> The minimum amount of off-street parking for a single-family dwelling is 2 spots. The proposed plan for the property will provide 2 parking spaces which meets requirements.
- 3. <u>Adequacy of utilities and other public services</u> The property has private water and sewer and will have no adverse effect on public services.
- 4. <u>Neighborhood character and social structures</u> The new structure will have several improvements over the existing structure:
 - a. Adding a friendly and inviting entrance to the street side of the building, the existing structure has no entrance on the street side of the building. This should improve interaction with the neighborhood.
 - b. LoE366 glazing will be used to help reduce visible light transmission off the new glazing. LoE366 glazing will represent a 4% reflectance improvement over the existing clear glass on the structure which should help reduce glare.
 - c. All new exterior light fixtures will be Dark Sky Compliant to reduce light pollution. The design of the building has minimal openings facing adjacent neighbors that could allow interior light to reach other structures. When possible lights on the interior will be positioned away from the lake view. Interior shades will also be used to reduce light transmission during night hours.
 - d. The position of the new structure is further from the lake than adjacent neighbors, improving the zoning requirements of the neighborhood.
 - e. The view corridors of existing neighbors have been taken into account in the design of the new structure. The portion of the of the structure to be increased in height has been moved towards the north and west side of the property which moves it further from neighbor's view corridors. The single story covered porch and open deck are on the south side of the house to keep the structure lower adjacent to the view corridors. See sheet L1.0 View Diagram.

The structure will have traditional gable roofs in keeping with the surrounding neighbors.

- 5. <u>Impacts on natural environment</u> The new house will be raised above the flood plain which will reduce the amount of strain on the surrounding neighborhood (and neighboring structures) in flood conditions.
- 6. <u>Potential fiscal impact, including impact on town services, tax base, and employment</u> The use of the property will remain a single-family house and will have no adverse impact on town services or employment. The improved structure raised above the flood plain should increase the value of the property and thus increase the tax base.

3/16/22, 9:23 AM Residential Permit



The Commonwealth of Massachusetts State Board of Building Regulations and Standards Massachusetts State Building Code 780 CMR



Town of Monterey Monterey Town Hall 435 Main Rd P.O. Box 308, Monterey, MA 01245 Phone: 413-528-1443 Fax: 413-528-9452 www.montereyma.gov

APPLICATION TO CONSTRUCT, REPAIR, RENOVATE OR DEMOLISH A ONE OR TWO FAMILY DWELLING

THIS SECTION FOR OFFICIAL USE ONLY												
Application #:	Date Issue	ed:	Permit #:	Fee	e Paya	ble: (\$)	Fe	e Paid: (\$)	Receipt #:		Da	nte Paid :
R-21-3079												
SECTION 1 - SITE	INFORMAT	ION					<u>'</u>					
						1.2 Ass	essors	Map & Parcel	Number:			
1.1 Property Address: 7 BUCKINGHAM LN			Map Nu	mber	102	102 Pare		per	102 053 000			
					Current Use		R-3	Construction Type		1	V-B	
Zoning District						Lake Si	nore					
1.3 Building or Str	ucture Setb	acks (fl	<u>t)</u> Not Applica	able	j	<u>Dimensi</u>	onal Re	equirements				
		Front (ft)			Side (ft)		Rear	(ft)	Minimu frontag	—	Minimum Lot width (ft)	
Required					₋eft Side: Right Side	: :						
Provided		15.1			Left Side: 15.5 Right Side: 26.3		40.2	40.25)	90	
Square feet of area	a of work	3075	☐ Not Applicable	В	Building	ng or structure size Length: 44 Width: 2		h: 26.5	26.5 Height: 31.5			
1.4 Water Supply (M.G.L.c.40 Public : Priva Not Applicable	ate: 💽	Zone: A Elevation: Munic		1.6 Sewage Disposal System : Municipal : On site disposal system : Not Applicable O								
1.7 Description of F	Proposed W	ork/										
✓ New Construction	n	□ Exi	isting Building	Ī	Rep	air(s)		☐ Alteration(s)			Addition	
☐ Accessory Bldg		□De	molition	[Sola	ar Panels		☐ Weatherization			☐ Shed/Barn	
☐ Pool AG		□Po	ol IG	1	☐ Dec	k		☐ Foundation Only			☐ Tent	
Windows		Roof		Sidi	Siding Other Specify:							
Brief Description of	f Proposed	Work:										
Applying for a build bylaws. An existing new structure will of Zoning Board of Ap	non-conforconforconforconform to the	rming s	ingle family dwelling	g will i	be den	nolished a	and a ne	ew single fami	ly dwellin	ng will be	constr	ucted. The
SECTION 2 - PRO	PERTY OW	/NERS	HIP/AUTHORIZED	AGE	NT							
2.1 Owner of Reco	ord:											
Name JESSICA F	REIF CAPLA	AN					Addres	ss 127 DEDI	HAM ST			

Telephone			City /	NEWTON	I	
State MA			Zip 0	2461-213	35	
2.2 Tenant Name (if other than the owner	er):					
Dumping Site Location (where any r (780 CMR 111.5))	resulting debris will be dispo	osed of	Valley	Rolloff D	umpster	□ Not Applicable
2.3 Authorized Agent/Owner:						
Name Stephan Green Address 113 Bridge Street		Telepho	one <i>4</i> 1	13 - 528 -	- 5180	
SECTION 3 - CONSTRUCTION SERVICE	ES					
3.1 Licensed Construction Supervisor:						
☑ I am the 81-R/ Architect/ Engineer.						
81-R/ Architect/ Engineer	Stephan Green	Address	3		113 Bridge Str	reet
License Number		Expirati	on Date		8/31/2022	
Telephone	413 - 528 - 5180	City			Great Barringto	on
State	MA	Zip			01230	
Email	sgreen@clarkandgreen.c	com			,	
✓ I do hereby certify under the pains	& penalties of perjury that t	the inform	nation prov	vided abo	ove is true and co	orrect.
License Type						
U or 00 – Unrestricted	☐ 1G - 1 & 2 Family Dwelling	□ M – N	Masonry C	Only	RC – Reside	ntial Roofing Covering
☐ WS – Residential Window & Siding	SF – Residential Solid Fuel Burning Appliance Installation	□ D – F	Residentia	l Demolit	ion	
3.2 Home Improvement Contractor:						
☐ I am the Contractor.						
Name						Address
Registration Number						Expiration Date
Telephone						City
State						Zip
Email						,
☐ I do hereby certify under the pains	& penalties of perjury that	the inform	nation prov	vided abo	ove is true and co	orrect.
Is the Licensed Construction Supervisor Not Applicable	different from the applicant	or the Ho	me Impro	vement (Contractor ? C	Yes ⓒ No □
3.3 Homeowners Permit:						
SECTION 4- WORKER'S COMPENSAT	ION INSURANCE(M.G.L.c.	.152* 25C	(6))			
Workers Compensation Insurance affidate result in the denial of the issuance of the		submitted	with this a	applicatio	on. Failure to prov	vide this affidavit will
Signed Affidavit Attached You	es 🗹 No 🗌 N/A [
SECTION 5 REGISTERED 81-R/ ARCI	HITECT/ ENGINEER:		Applicat	ole 🔽	Not Applicable	e \square

☐ Not Applicable

- 11
ers
are true



TOWN OF MONTEREY

Building Department
435 Main Rd. P.O. Box 308
Monterey, MA 01245
Phone: 413.528.1443 x118 Fax: 413.528.6335
montereybuildinginspector@verizon.net
www.monterey-ma.org

January 13, 2022

Caplan Stephan Green, Agent

RE: 7 Buckingham Lane Building Permit Rejection

Dear Stephen:

The building permit application submitted to demolish and reconstruct a Single-Family Dwelling at 7 Buckingham Lane has been determined not to be a matter of right. The parcel is identified on the Town of Monterey Assessor's Maps as Map 102, Lot 053. The parcel is located in the Lake Shore Zoning District.

The existing Single-Family Dwelling is classified in Section 5.1.6 as a Nonconforming Single-Family Residential Structure as it is located within the required 40'setback of the mean high water line of Lake Garfield. You also propose to raise the height of the reconstructed structure higher than the structure's existing highest point which also requires zoning relief.

To seek relief for your proposal you may apply for a Special Permit before the Zoning Board of Appeals. Please refer to Zoning By-Laws of The Town of Monterey, Section 5.1.6.2. "By Special Permit-Single and Two-Family Structures". "In cases where a building permit is not authorized as a matter of right, the Zoning Board of Appeals may authorize by special permit any extension, alteration or reconstruction of an existing nonconforming single or two-family dwelling provided the Zoning Board of Appeals finds that such change would not increase the nonconforming nature of the structure, lot, and/or use".

Please refer to Section 9.2 which pertains to the powers and duties of the Zoning Board of Appeals and specifically, Section 9.2.2.2 Special Permits, for your filing.

If you are aggrieved by the building permit rejection, you may appeal this determination to the Zoning Board pursuant to Section 9.2.2.1. Appeals.

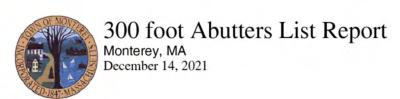
Please contact our office should you require additional information or clarification.

Sincerely, D.R. Tourio

Donald R. Torrico, C.B.O. Building Commissioner

Cc: Zoning Board of Appeals

Revised: 1/13/2022



Subject Property:

Abutters:

Parcel Number: 102-053-000

CAMA Number: 102-053-000-000-0000

Property Address: 7 BUCKINGHAM LN

Mailing Address: REIF-CAPLAN JESSICA REIF-CAPLAN

BENJAMIN

Contact Assessor's Office for Address

Parcel Number: CAMA Number: Property Address:	102-009-000 102-009-000-000-0000 6 BEARTOWN MT RD	Mailing Address:	MICKLEWRIGHT DAVID Contact Assessor's Office for Address
Parcel Number:	102-047-000	Mailing Address:	FRIEDMAN MEREDITH SUCCESSOF

SUCCESSOR CAMA Number: 102-047-000-000-0000 TRUSTEE

Property Address: 68 TYRINGHAM RD Contact Assessor's Office for Address

Parcel Number: 102-048-000 Mailing Address: FRIEDMAN MEREDITH SUCCESSOR

CAMA Number: 102-048-000-000-0000 TRUSTEE

Property Address: TYRINGHAM RD Contact Assessor's Office for Address

Parcel Number: Mailing Address: 102-049-000 GERMAIN JEAN TRUSTEE JEAN

CAMA Number: 102-049-000-000-0000 GERMAIN NT

Property Address: 3 BUCKINGHAM LN Contact Assessor's Office for Address

Parcel Number: GERMAIN MICHAEL JACK 102-050-000 Mailing Address:

102-050-000-000-0000 CAMA Number: Contact Assessor's Office for Address

Property Address: TYRINGHAM RD

Parcel Number: REGAN MAUREEN THE REGAN FAMILY 102-051-000 Mailing Address:

CAMA Number: 102-051-000-000-0000 NOMINEE TRUST

Property Address: 5 BUCKINGHAM LN Contact Assessor's Office for Address

Parcel Number: 102-052-000 Mailing Address: CHAIT PETER TRUSTEE KAHANER

CAMA Number: 102-052-000-000-0000 DONALD B

Property Address: BUCKINGHAM LN Contact Assessor's Office for Address

Parcel Number: 102-054-000 Mailing Address: FLICKER ALLEN FLICKER RONNIE F

CAMA Number: 102-054-000-000-0000 Contact Assessor's Office for Address

Property Address: 9 BUCKINGHAM LN

Parcel Number: 102-055-000 TREADO ROBERT F TREADO LUANNE L Mailing Address:

CAMA Number: 102-055-000-000-0000 Contact Assessor's Office for Address Property Address: 11 BUCKINGHAM LN

Parcel Number: 102-056-000 Mailing Address: CASH PHYLLIS TRUSTEE PHYLLIS

CAMA Number: 102-056-000-000-0000 CASH LIVING TRUST

Property Address: 13 BUCKINGHAM LN Contact Assessor's Office for Address





300 foot Abutters List Report

Monterey, MA December 14, 2021

Parcel	Number:
CAMA	Number:

102-057-000

102-057-000-000-0000

Mailing Address: WALL GLENN A WALL CHRISTIE J

Contact Assessor's Office for Address

Property Address: 15 BUCKINGHAM LN

Mailing Address:

COONEY JESSIE M COONEY JOSEPH O

Contact Assessor's Office for Address

Parcel Number: CAMA Number: 102-058-000

102-058-000-000-0000 Property Address: 19 BUCKINGHAM LN

Mailing Address: KAHANER VICKI

Contact Assessor's Office for Address

Parcel Number: **CAMA Number:** 102-059-000

102-059-000-000-0000 Property Address: 14 BUCKINGHAM LN

102-060-000-000-0000

102-061-000-000-0000

Parcel Number: CAMA Number: 102-060-000

Mailing Address:

CHAIT PETER TRUSTEE PETER CHAIT

REALTY TRUST

Contact Assessor's Office for Address

Parcel Number:

102-061-000

Property Address: 12 BUCKINGHAM LN

Mailing Address:

GARBER JOHN KIRKPATRICK GARBER

CONSTANCE ANN

Contact Assessor's Office for Address

CAMA Number: Property Address: 10 BUCKINGHAM LN

Mailing Address:

SOLOMON IRA MICHAEL

Contact Assessor's Office for Address

Parcel Number: **CAMA Number:** Property Address: 3 STRATFORD LN

102-062-000

102-062-000-000-0000

Parcel Number: CAMA Number: 102-064-000 102-064-000-000-0000

Property Address: 4 STRATFORD LN

Mailing Address:

STRATFORD HOLDING GROUP LLC

Contact Assessor's Office for Address

Parcel Number: CAMA Number:

102-065-000

102-065-000-000-0000

Property Address: TYRINGHAM RD

Property Address: 48 TYRINGHAM RD

Mailing Address:

CONFORTI DONNA RISSMAN PAUL

Contact Assessor's Office for Address

Parcel Number: CAMA Number:

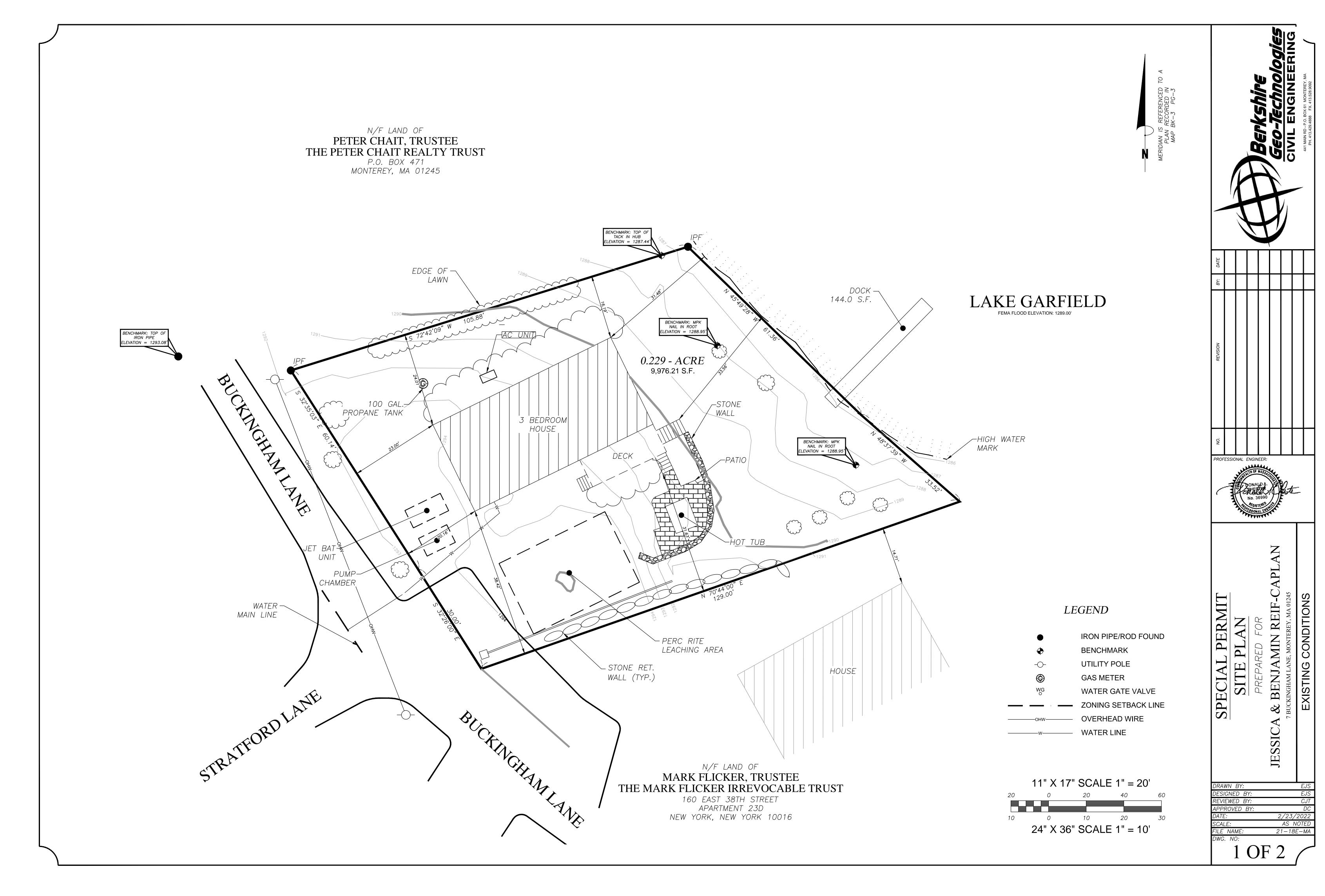
12/14/2021

102-066-000

102-066-000-000-0000

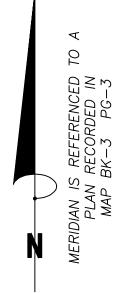
Mailing Address:

CONFORTI DONNA RISSMAN PAUL Contact Assessor's Office for Address



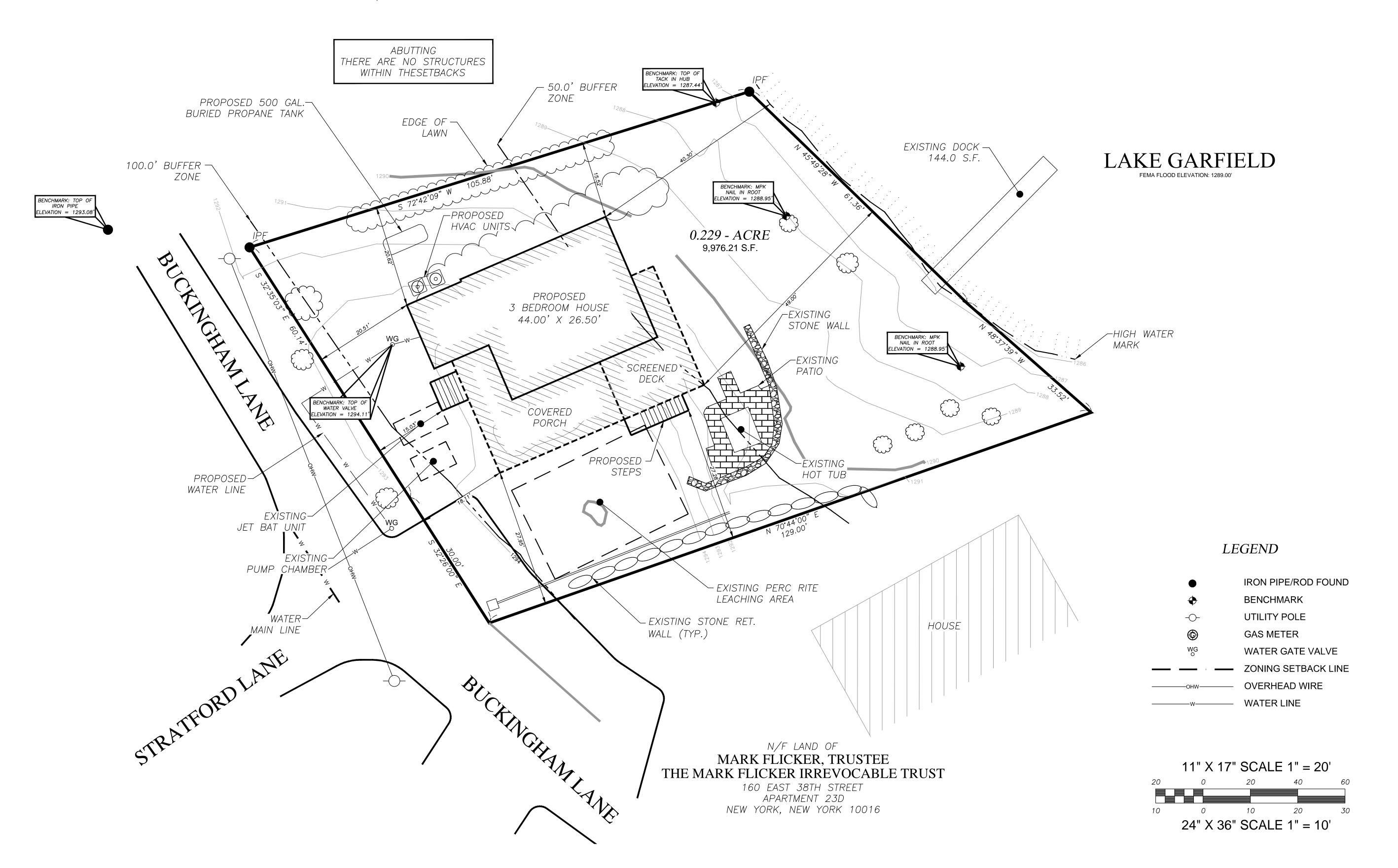
ZONING SETBACK REQUIREMENTS

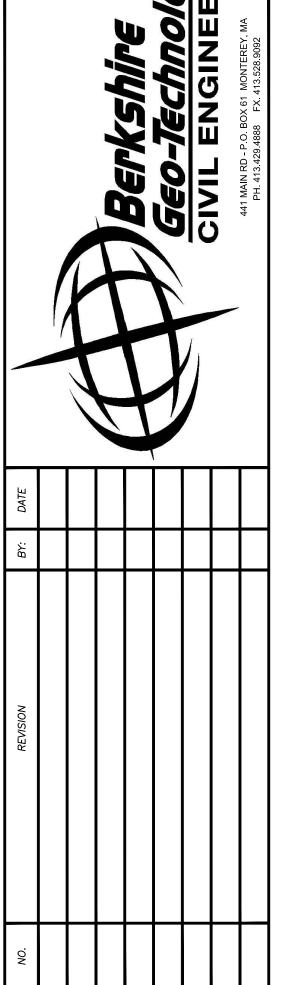
<u>DISTRICT</u>	<u>FRONT</u>	<u>SIDE</u>	<u>REAR</u>
LAKE SHORE	15'	15'	40'

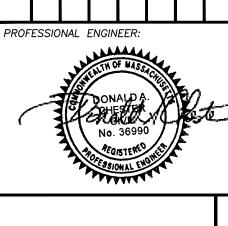


N/F LAND OF PETER CHAIT, TRUSTEE THE PETER CHAIT REALTY TRUST

P.O. BOX 471 MONTEREY, MA 01245

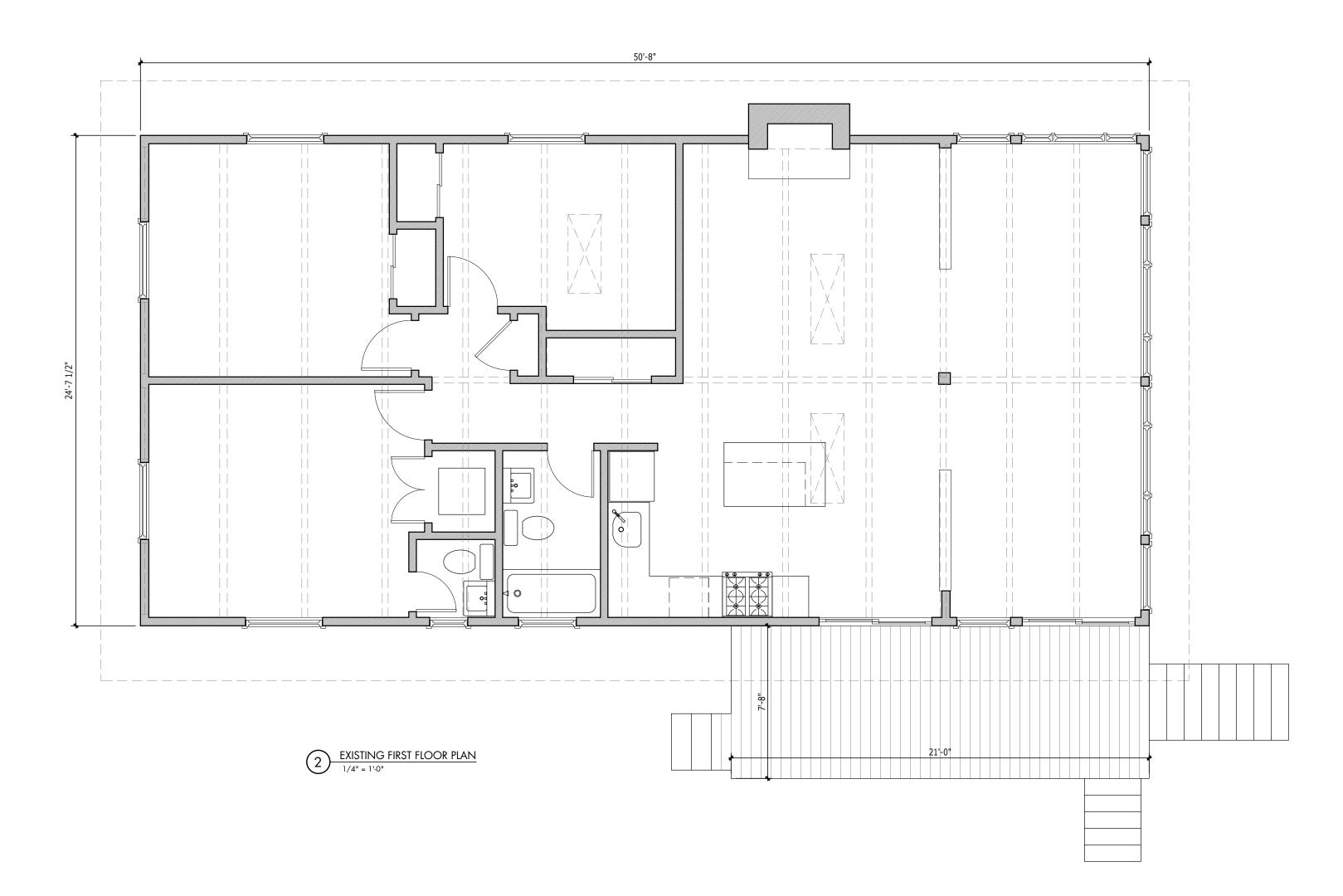


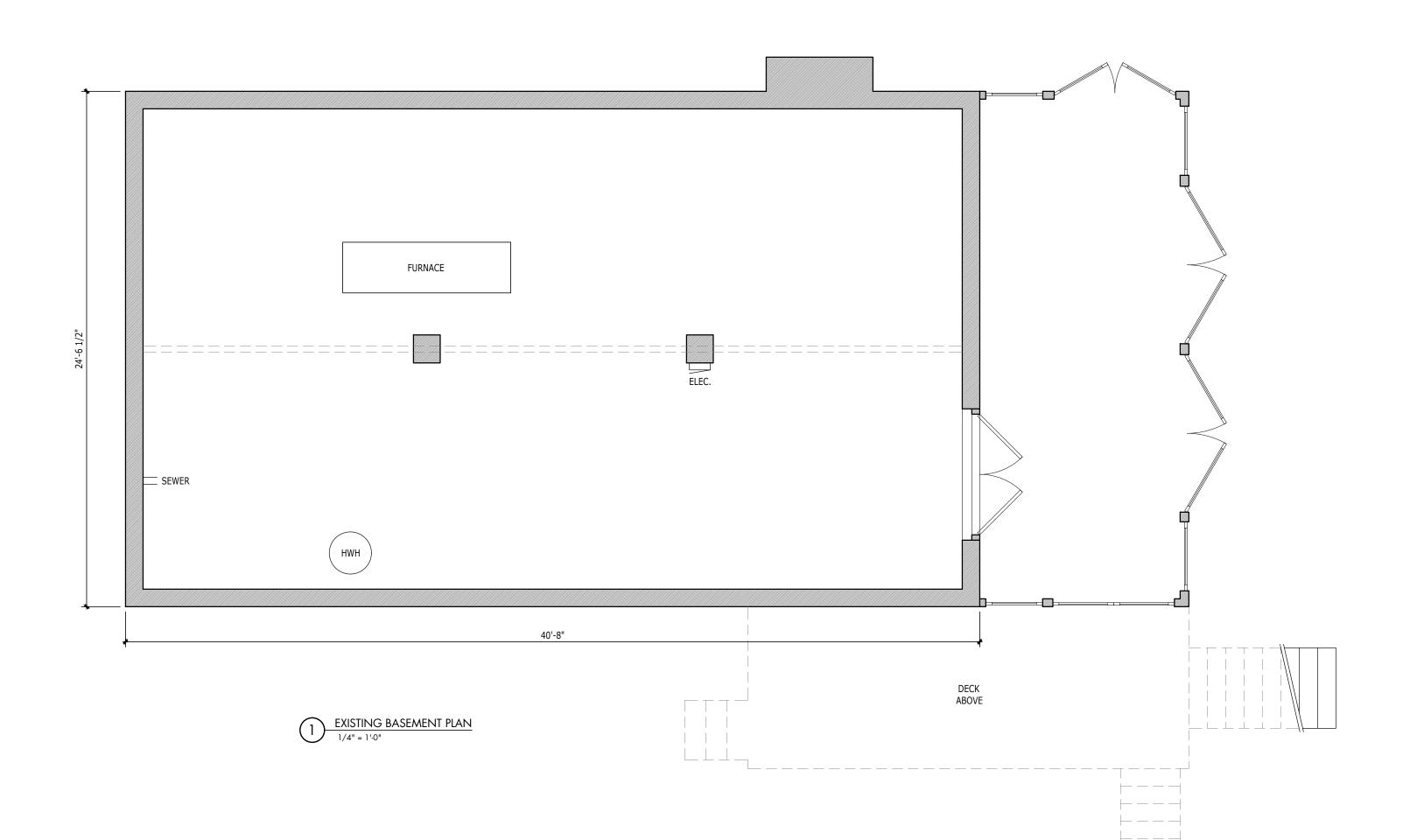


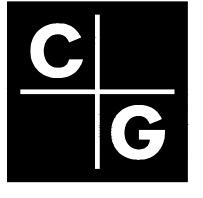


DRAWN BY: DESIGNED BY REVIEWED BY: APPROVED BY: 2/23/2022 SCALE: FILE NAME: AS NOTEL 21-18E-MA

2 OF 2



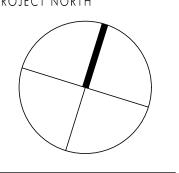




CLARK & GREEN, INC. ARCHITECTURE DESIGN

113 BRIDGE STREET GREAT BARRINGTON MASSACHUSETTS 01230 PHONE **413-528-5180**

PROJECT NORTH



PROFESSIONAL SEAL

03.16.22	ZBA SUBMISSION
DATE	REMARKS

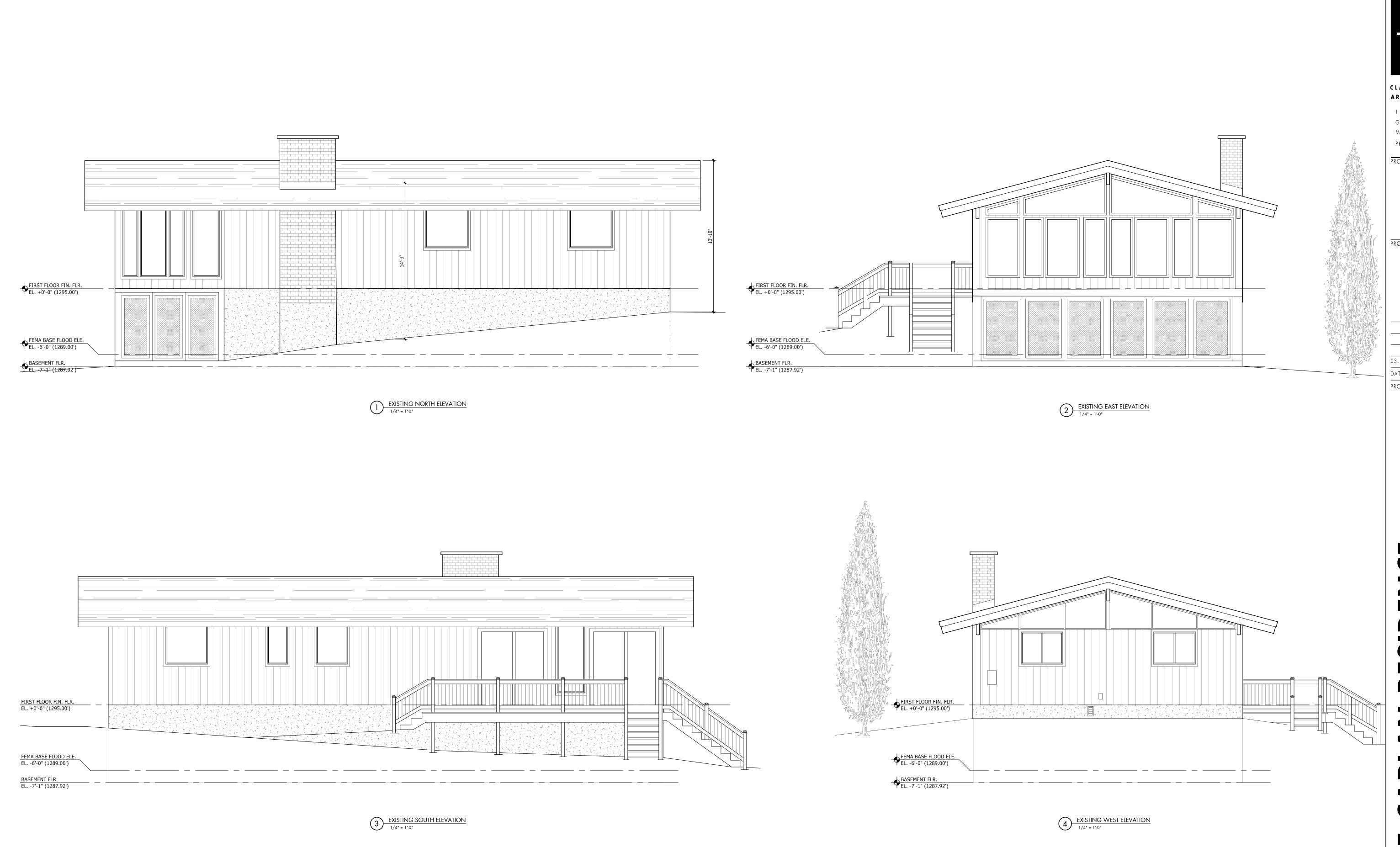
PROJECT TITLE

RESIDENCE

EXISTING FLOOR PLANS

SHEET NUMBER

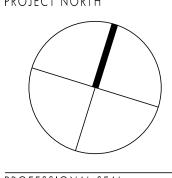
X2.0





CLARK & GREEN, INC. ARCHITECTURE DESIGN

113 BRIDGE STREET GREAT BARRINGTON MASSACHUSETTS 01230 PHONE **413-528-5180**



PROFESSIONAL SEAL

03.16.22	ZBA SUBMISSION
DATE	REMARKS
PROJECT 1	

RESIDENCE

EXISTING ELEVATIONS

Sheet number

PLAN LEGEN	ND:
	NEW WALLS
	EXISTING WALLS TO REMAIN
5	NEW CONCRETE FOUNDATION WALL

CONSTRUCTION NOTES ----

1. PLAN DIMENSIONS GIVEN ARE TO FACE OF STUD, UNLESS OTHERWISE NOTED.

GENERAL INSULATION NOTE ----

INSULATION SHALL MEET 2015 IECC CODE REQUIREMENT MINIMUMS AS FOLLOWS:

- ROOF: 49 R-VALUE - WOOD FRAMED WALL: 20 R-VALUE - FLOOR: 38 R-VALUE - BASEMENT AND CRAWL SPACE WALL: 15 R-VALUE FOR CONTINUOUS INSULATION - SUB-SLAB: 10 R-VALUE

2. INSULATION STRATEGY:

- ROOF: CLOSED CELL SPRAY FOAM AGAINST UNDERSIDE OF ROOF SHEATHING W/ RAFTER SPACING 16" O.C.. APPLY $\pm 7\frac{1}{2}$ " DEPTH FOR R-52 VALUE. - WOOD FRAMED WALLS: ROCKWOOL COMFORTBATT INSULATION WITH R-21 VALUE

- BASEMENT AND CRAWL SPACE WALL: CLOSED CELL SPRAY FOAM INSULATION IN BETWEEN 2x4 STUD WALL AT 16", HOLD STUDS 1" OFF CONCRETE FOUNDATION FOR THERMAL BREAK. APPLY TO 3" DEPTH FOR R-21.

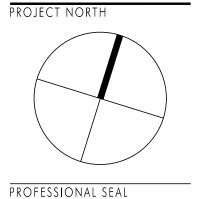
- SUB-SLAB: XPS RIGID INSULATION AT 3" DEPTH FOR R-15 VALUE - RIM JOIST: CLOSED CELL SPRAY FOAM INSULATION, APPLY TO $5\frac{1}{2}$ " DEPTH FOR R-38 VALUE.



CLARK & GREEN, INC. ARCHITECTURE DESIGN

113 BRIDGE STREET GREAT BARRINGTON MASSACHUSETTS 01230 PHONE **413-528-5180**

PROJECT NORTH



03.16.22	ZBA SUBMISSION
01.31.22	PRELIM. PRICING
12.24.21	PERMIT REJECTION
DATE	REMARKS

PROJECT TITLE

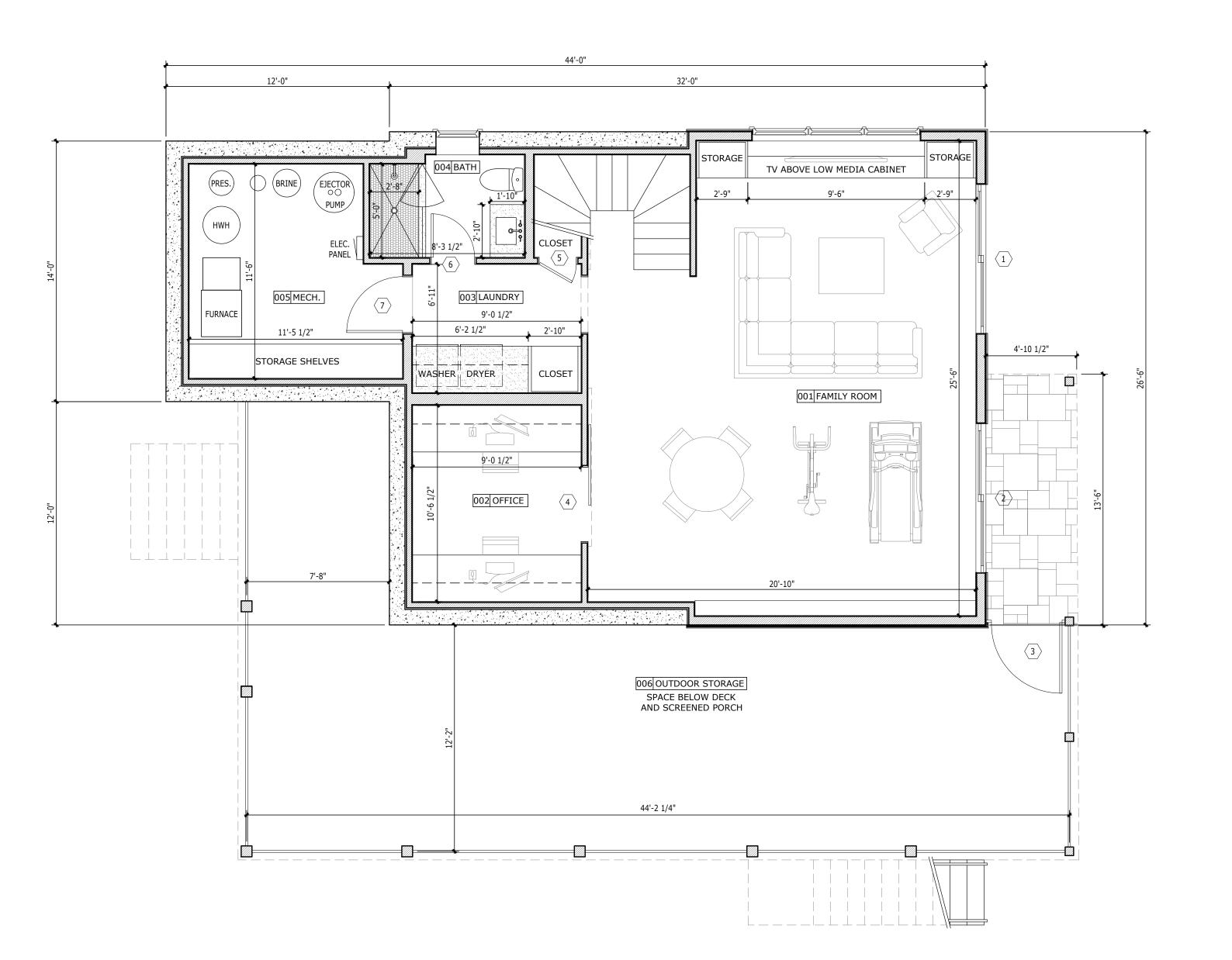
RESIDENCE

SHEET TITLE

PROPOSED BASEMENT PLAN

SHEET NUMBER







PLAN LEGEND: EXISTING WALLS TO REMAIN NEW CONCRETE FOUNDATION WALL

CONSTRUCTION NOTES ----

1. PLAN DIMENSIONS GIVEN ARE TO FACE OF STUD, UNLESS OTHERWISE NOTED.

GENERAL INSULATION NOTE ----

 INSULATION SHALL MEET 2015 IECC CODE REQUIREMENT MINIMUMS AS FOLLOWS: - ROOF: 49 R-VALUE

- WOOD FRAMED WALL: 20 R-VALUE - FLOOR: 38 R-VALUE - BASEMENT AND CRAWL SPACE WALL: 15 R-VALUE FOR CONTINUOUS INSULATION - SUB-SLAB: 10 R-VALUE

2. INSULATION STRATEGY:

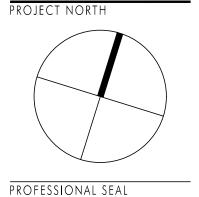
- ROOF: CLOSED CELL SPRAY FOAM AGAINST UNDERSIDE OF ROOF SHEATHING W/ RAFTER SPACING 16" O.C.. APPLY $\pm 7\frac{1}{2}$ " DEPTH FOR R-52 VALUE.
- WOOD FRAMED WALLS: ROCKWOOL COMFORTBATT INSULATION

WITH R-21 VALUE - BASEMENT AND CRAWL SPACE WALL: CLOSED CELL SPRAY FOAM INSULATION IN BETWEEN 2x4 STUD WALL AT 16", HOLD STUDS 1" OFF CONCRETE FOUNDATION FOR THERMAL BREAK. APPLY TO 3" DEPTH FOR R-21.

- SUB-SLAB: XPS RIGID INSULATION AT 3" DEPTH FOR R-15 VALUE - RIM JOIST: CLOSED CELL SPRAY FOAM INSULATION, APPLY TO $5\frac{1}{2}$ " DEPTH FOR R-38 VALUE.

CLARK & GREEN, INC. ARCHITECTURE DESIGN

> 113 BRIDGE STREET GREAT BARRINGTON MASSACHUSETTS 01230 PHONE **413-528-5180**



01.31.22 PRELIM. PRICING 12.24.21 PERMIT REJECTION DATE REMARKS

03.16.22 ZBA SUBMISSION

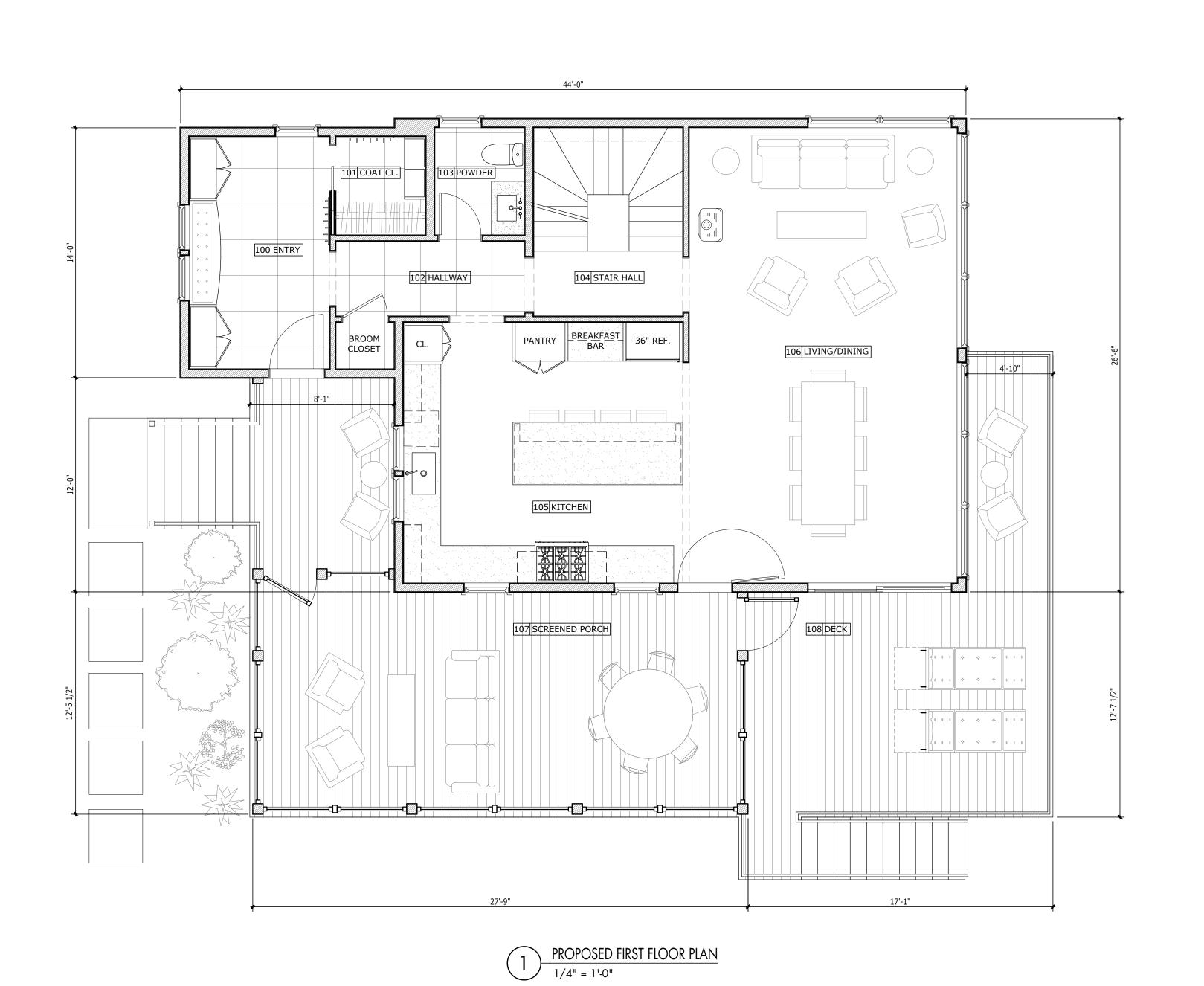
PROJECT TITLE

RESIDENCE

PROPOSED FIRST FLOOR PLAN

Sheet number

A2.1



PLAN LEGEND: EXISTING WALLS TO REMAIN

NEW CONCRETE FOUNDATION WALL

CONSTRUCTION NOTES ----

1. PLAN DIMENSIONS GIVEN ARE TO FACE OF STUD, UNLESS OTHERWISE NOTED.

GENERAL INSULATION NOTE ----

INSULATION SHALL MEET 2015 IECC CODE REQUIREMENT MINIMUMS AS FOLLOWS:

- ROOF: 49 R-VALUE - WOOD FRAMED WALL: 20 R-VALUE - FLOOR: 38 R-VALUE - BASEMENT AND CRAWL SPACE WALL: 15 R-VALUE FOR CONTINUOUS INSULATION - SUB-SLAB: 10 R-VALUE

2. INSULATION STRATEGY:

- ROOF: CLOSED CELL SPRAY FOAM AGAINST UNDERSIDE OF ROOF SHEATHING W/ RAFTER SPACING 16" O.C.. APPLY $\pm 7\frac{1}{2}$ " DEPTH FOR R-52 VALUE.
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- SUB-SLAB: XPS RIGID INSULATION AT 3" DEPTH FOR R-15 VALUE - RIM JOIST: CLOSED CELL SPRAY FOAM INSULATION, APPLY TO $5\frac{1}{2}$ " DEPTH FOR R-38 VALUE.

CLARK & GREEN, INC. ARCHITECTURE DESIGN

> 113 BRIDGE STREET GREAT BARRINGTON MASSACHUSETTS 01230 PHONE **413-528-5180**

PROJECT NORTH



03.16.22	ZBA SUBMISSION	
01.31.22	PRELIM. PRICING	
12.24.21	PERMIT REJECTION	
DATE	REMARKS	

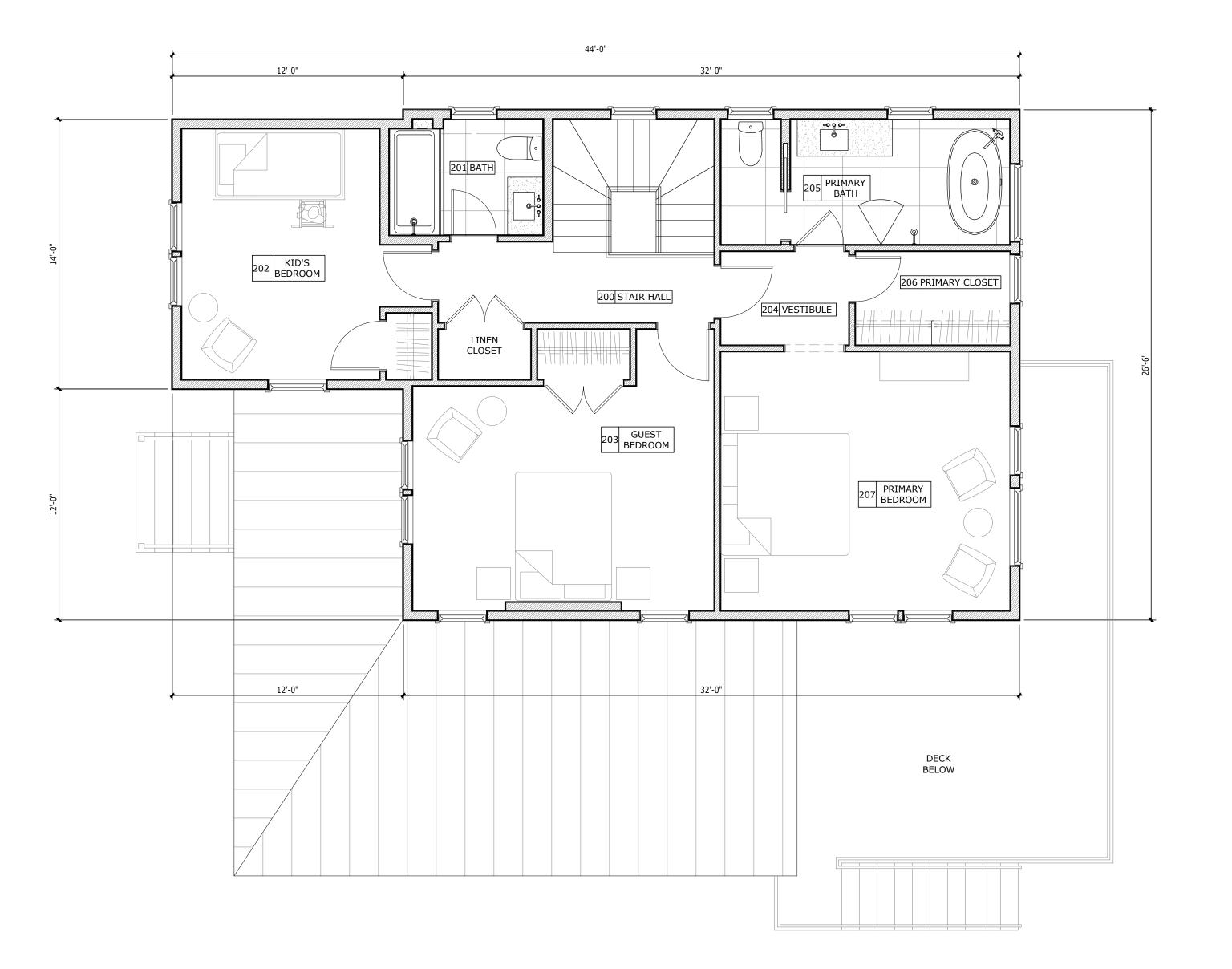
PROJECT TITLE

RESIDENCE

PROPOSED SECOND FLOOR PLAN

Sheet number

A2.2





EXCAVATION & CONCRETE NOTES

- EXCAVATE TO INORGANIC BEARING SOIL 3000 PSF ASSUMED. (FIELD FILL OVEREXCAVATION W. CONCRETE AS SPECIFIED FOR FOOTINGS.
- EXCAVATE TO PROVIDE SITE DRAINAGE AT ALL TIMES. ALL CONCRETE SHALL BE MIN. 3000 PSI @ 28 DAYS.
- CONCRETE SLABS SHALL BE MIN. 3500 PSI @ 28 DAYS
- 4° MAX. SLUMP FOOTINGS, 4" MAX. SLUMP WALLS, 4" MAX. SLUMP DO NOT PLACE CONCRETE ON FROZEN OR MUDDY MATERIAL.
- CONCRETE SHALL BE PROTECTED FROM FREEZING W/ BLANKETS & TEMP. HEAT KEPT AT 40° F FOR NO LESS THAN 7 DAYS AFTER PLACEMENT IN ACCORDANCE W/ ACT I 306.1; PROVIDE TEMP HEAT TO PREVENT ANY & ALL MOVEMENT OF CONCRETE IN WALLS & SLABS ON GRADE - PROTECT FROM FROST PENETRATION
- ALL FOUNDATIONS SHALL EXTEND A MIN. OF 48" BELOW FINISH GRADE UNLESS SPECIFICALLY APPROVED BY ARCHITECT OR BUILDING INSPECTOR.
- KEY ALL FOOTINGS UNLESS OTHERWISE NOTED. PLACE REBAR PER DRAWINGS - NO LESS THAN 2" CLEAR FROM OUTER FACE OF CONCRETE.
- ANCHOR BOLTS (SIZE AS SPECIFIED IN DRAWINGS) GALV. ASTM A307 STEEL PLACED NO LESS THAN 24" O.C. W/ NO LESS THAN 2 PER STRAIGHT RUN OF WALL.
- THOROUGHLY BRACED W/ DECKING OR W/ TEMP. INTERIOR BRACING. WATERPROOF ALL WALLS THAT ENCLOSE HABITABLE SPACE BELOW GRADE, INCLUDING TIE-ROD ENDS, SLEEVES, PENETRATIONS, ETC. DAMPPROOF ALL OTHER WALLS W/ BITUMINOUS COATING FROM THE

DO NOT BACKFILL UNTIL CONCRETE IS CURED (14 DAYS) OR

- FOOTING TO FINISH GRADE. PROVIDE CONT. 4" PERFORATED DRAINS AT FOOTING IN ¾" CRUSHED STONE, DRAINED TO DAYLIGHT.
- WRAP DRAIN STONE W/ FILTER FABRIC BEFORE BACKFILLING. BACKFILL W/ FREE-DRAINING GRANULAR INORGANIC MATERIAL & COMPACT TO 95% MAX. DRY DENSITY PER ASTM D1557. ALL NEW SLABS SHALL RECEIVE A TROWELED FINISH.

CONCRETE EXPOSED TO THE WEATHER SHALL HAVE AIR ENTRAINING

- AGENT ADDED, ADD MIXTURES SHALL CONFORM TO ASTM C260, TOTAL ENTRAPPED PLUS ENTRAINED AIR SHALL BE 4.0 TO 6.0% OF VOLUME OF CONCRETE AS DETERMINED BY ASTM C231. WATER SHALL BE POTABLE AND FREE FROM DELETERIOUS MATERIALS.
- CEMENT SHALL BE PORTLAND CEMENT CONFORMING TO ASTM C150, CONCRETE AGGREGATE SHALL CONFORM TO ASTM C33.
- ALL CAST IN PLACE CONCRETE WORK SHALL CONFORM W/ ACI 301 &
- ALL WOOD PLACED IN PERMANENT CONTACT WITH CONCRETE SHALL
- BE APPROVED TREATED WOOD.
- INFILL ALL FORM WORK TIE HOLES W/ HYDRAULIC CEMENT.

03.16.22	ZBA SUBMISSION
01.31.22	PRELIM. PRICING
01.25.22	PRELIM. REVIEW
DATE	REMARKS

CLARK & GREEN, INC.

ARCHITECTURE DESIGN

113 BRIDGE STREET

GREAT BARRINGTON

MASSACHUSETTS 01230

PHONE **413-528-5180**

PROJECT NORTH

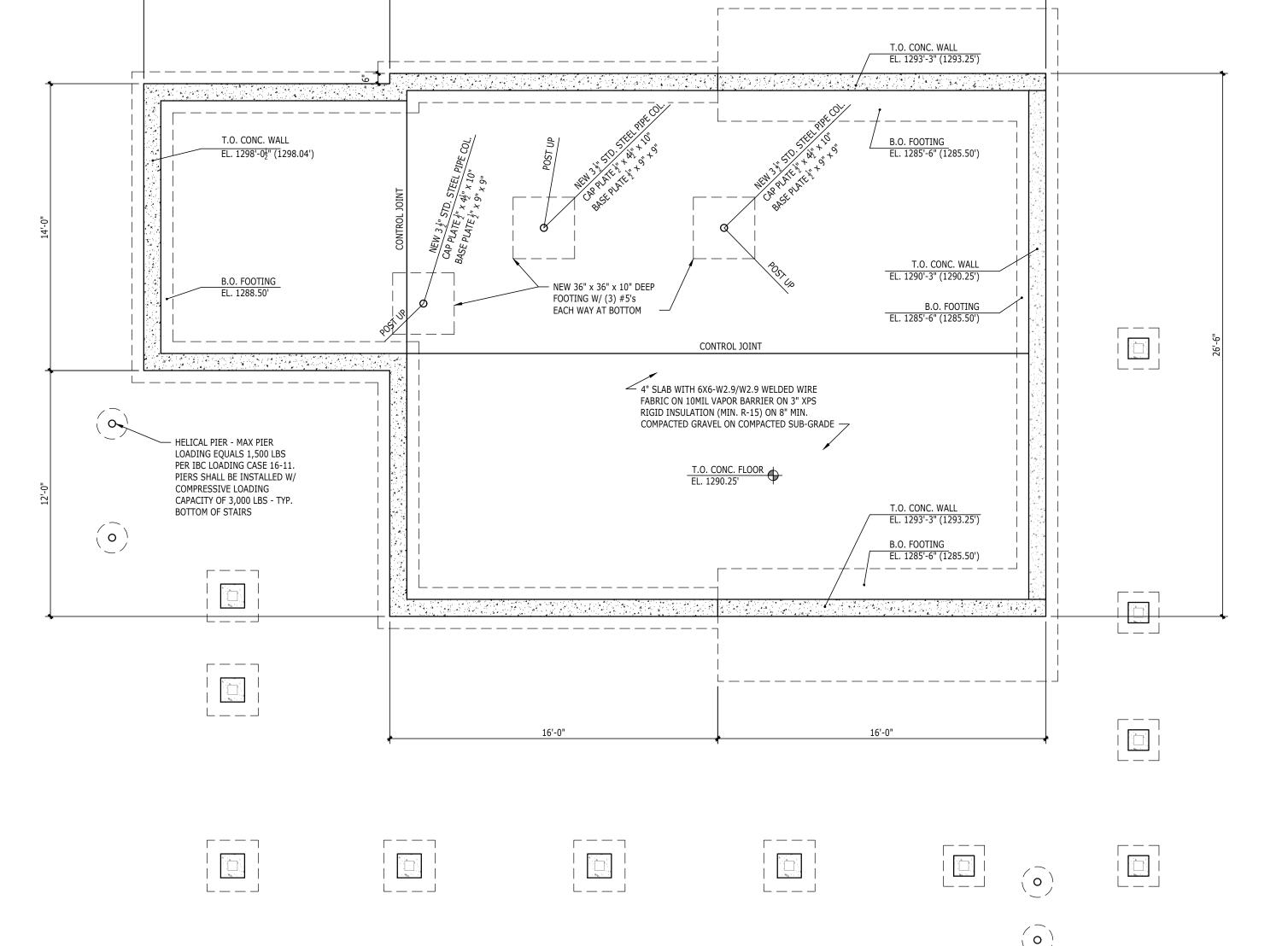
PROFESSIONAL SEAL

PROJECT TITLE

RESIDENC

SHEET TITLE

PROPOSED FOUNDATION PLAN



44'-0"





CLARK & GREEN, INC. ARCHITECTURE DESIGN

113 BRIDGE STREET GREAT BARRINGTON MASSACHUSETTS 01230 PHONE **413-528-5180**

PROJECT NORTH

PROFESSIONAL SEAL

03.16.22 ZBA SUBMISSION 01.31.22 PRELIM. PRICING 12.24.21 PERMIT REJECTION

DATE

REMARKS

PROJECT TITLE

RESIDENCE

SHEET TITLE PROPOSED EXTERIOR ELEVATIONS

SHEET NUMBER

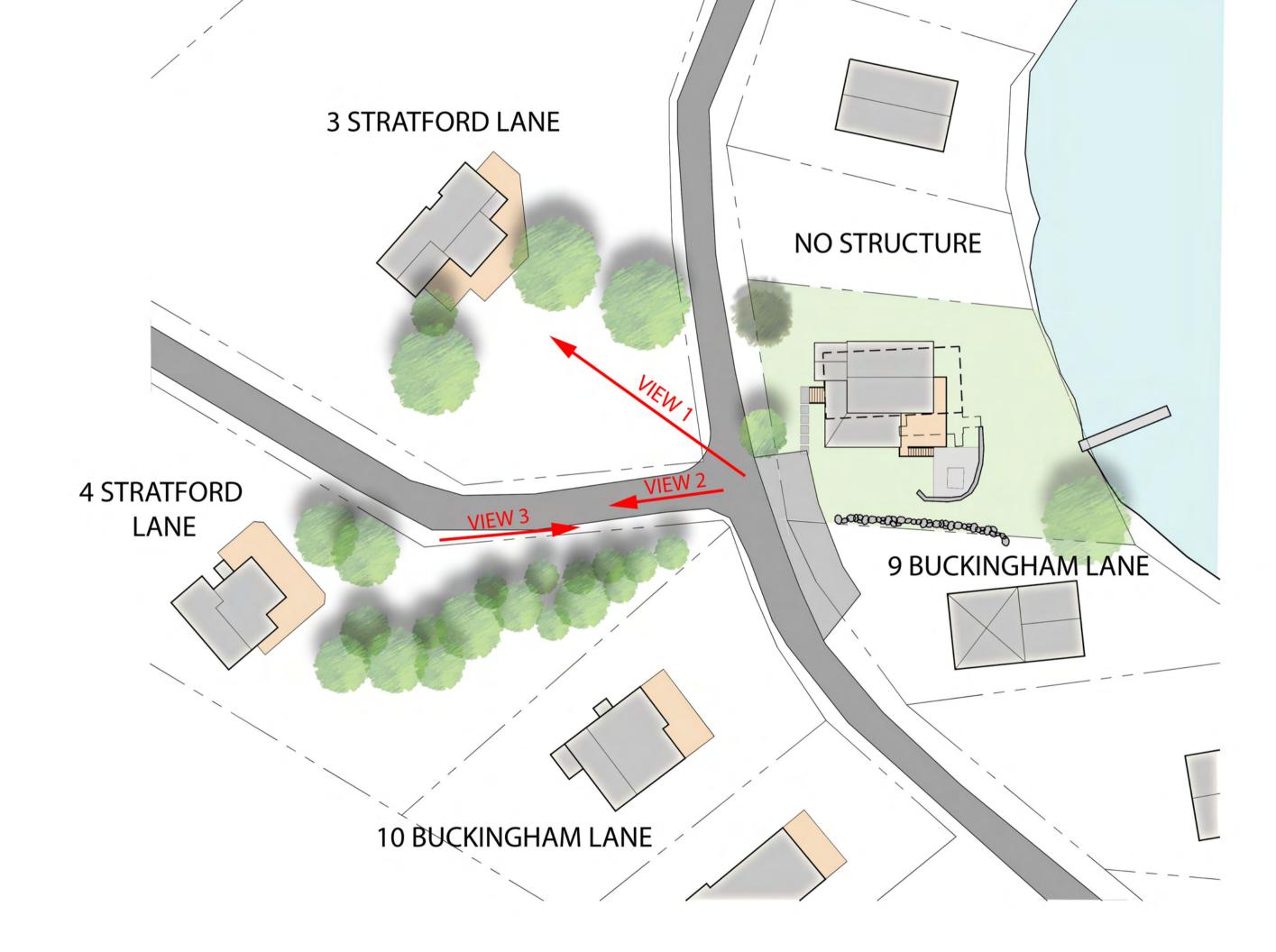


VIEW 1



VIEW 2





VIEW DIAGRAM

VIEW 3

CLARK & GREEN, INC. ARCHITECTURE DESIGN 113 BRIDGE STREET

MASSACHUSETTS 01230 PHONE 413-528-5180

GREAT BARRINGTON

PROJECT NORTH

PROFESSIONAL SEAL

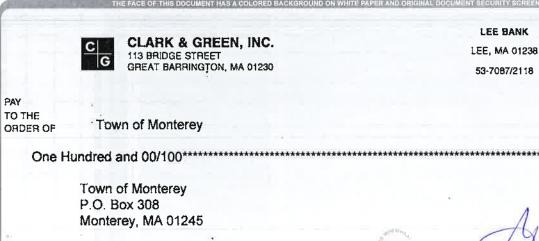
PROJECT TITLE

DENCE

7 BUCKINGHAM LANE MONTEREY, MA 01245

VIEW DIAGRAM

L1.0



CLARK & GREEN, INC.

MEMO

4013

1/28/2022

**100.00

Town of Monterey

Reif Caplan ZBA App. fee

1/28/2022

ZBA Submission Cooney Reif Caplan

100.00

4013