

Historical District and Historical Commission Town of Harwich Building Department

732 Main Street, Harwich, MA 02645

Certificate of Appropriateness

Project Address: 708 Main Street

Owner: Katharina Zuellig

March 15, 2022

Content:

- 1. Certified Abutters List
- 2. Application Form
- 3. Project Description
- 4. Proposed Certified Site Plan
- 5. Drawing Set 11x17 with Existing and Proposed
- 6. Specifications
 - List of Materials
 - Window and Door cut sheets
 - Light Fixtures front and back
 - Siding, Paint and Shutters
- 7. Report on Existing Structure



March 15th, 2022

Application for Certificate of Appropriateness Town of Harwich Historic District and Historical Commission

Address: 708 Main Street

Project Description

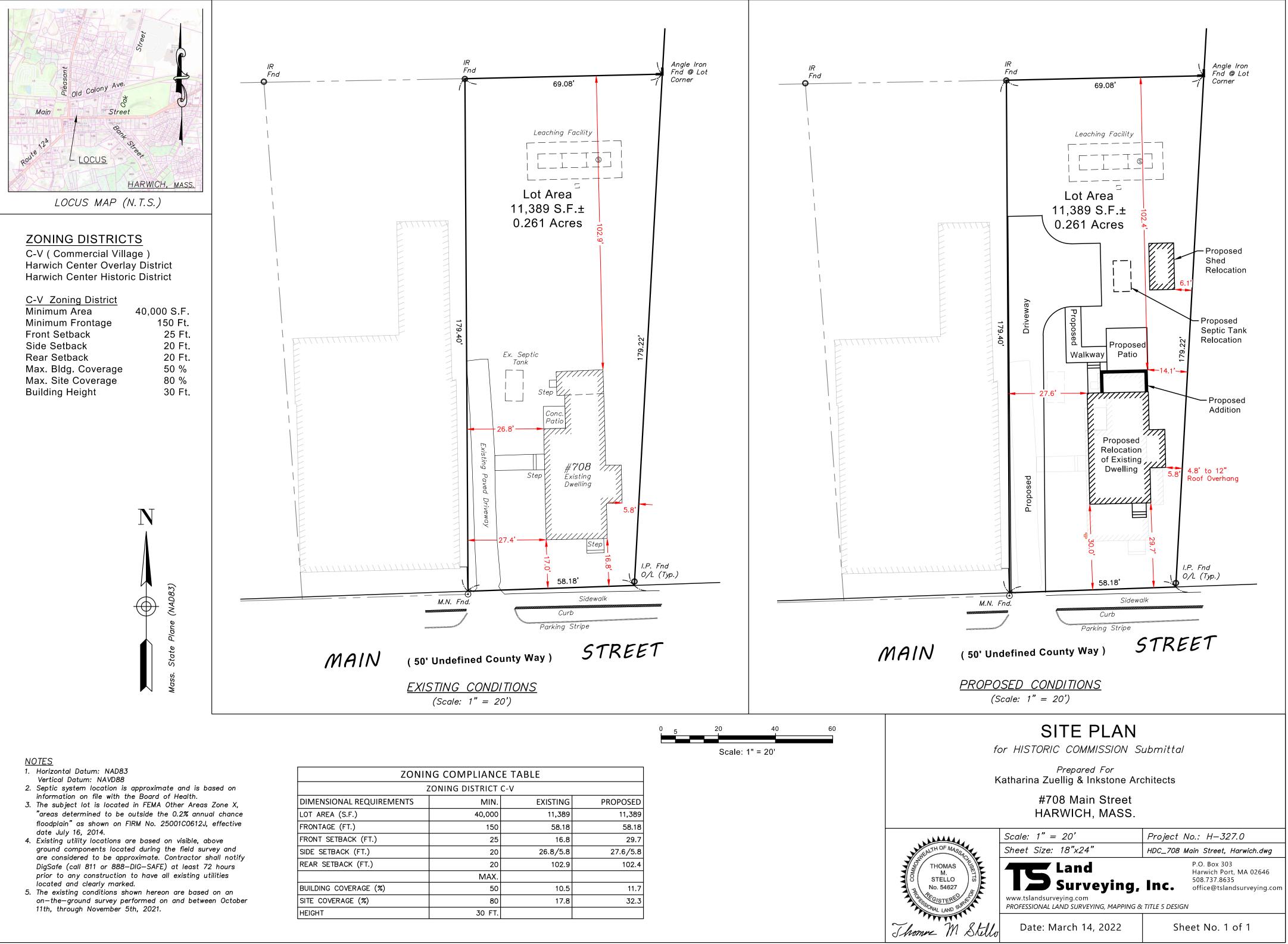
The 1,495 square foot 1 ½ story house was built 1850, surveyed 1876 and is known under the name "Kelley House" on the Town's Historic Property Inventory List. The house is built in the traditional "Farmhouse" style. The single-family residence has no basement, and sits on a deteriorating brick foundation. There is a typical brick, round, water cistern with access from the kitchen under the first floor. (See attached report.)

The house was probably unoccupied for some time when Katharina Zuellig, the current owner, bought it in May 2021 and decided to bring the house back to its original beauty. Existing windows are PVC replacements likely from the early 2000s.

The project scope includes:

- Moving the building back to the 25 feet front yard setback line to create a new front yard along the busy street.
- Constructing a new poured concrete foundation with a concrete slab and basement area, replacing the unstable brick foundation.
- Removing the unsalvageable connector structure in the back.
- Restoring the shed at the back of the property.
- Replacing all the windows, while maintaining the existing siding.
- Adding a front portico with new steps and railing.
- Adding a back addition for mudroom and stairs to the basement.
- Removing both brick chimneys.
- Adding back shutters and removing the flower box brackets at the front façade.
- Adding one skylight.
- Improving the site with a paved driveway, two parking spaces and a patio.
- Relocating the septic tank.

Brigitte Steines InkStone Architects



ZONING COMPLIANCE TABLE					
ZONING DISTRICT C-V					
DIMENSIONAL REQUIREMENTS	MIN.	EXISTING	PROPOSED		
LOT AREA (S.F.)	40,000	11,389	11,389		
FRONTAGE (FT.)	150	58.18	58.18		
FRONT SETBACK (FT.)	25	16.8	29.7		
SIDE SETBACK (FT.)	20	26.8/5.8	27.6/5.8		
REAR SETBACK (FT.)	20	102.9	102.4		
MAX.					
BUILDING COVERAGE (%)	50	10.5	11.7		
SITE COVERAGE (%)	80	17.8	32.3		
HEIGHT	30 FT.				



Project Address 708 Main Street, Harwich, MA 02645

OWNER:

Katharina Zuellig

36 High Street Concord, MA 01742

ARCHITECT:

InkStone Architects, LLC 18 Main Street, 3b Concord, MA 01742 Brigitte Steines 650.814.8542 brigitte@inkstonearchitects.com

SCHEMATIC DESIGN

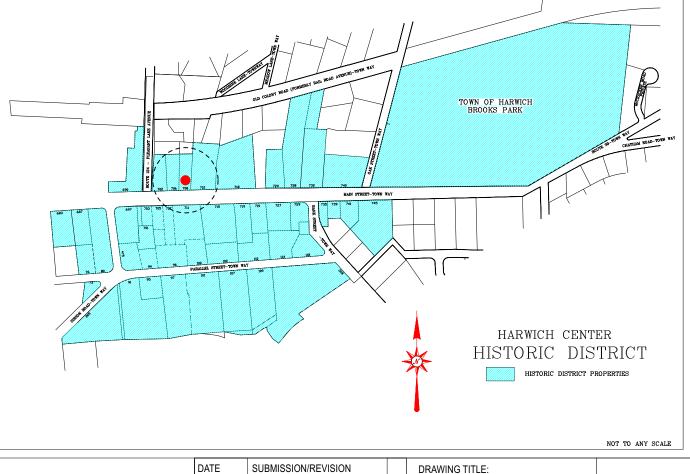
Updated: March 11, 2022

SHEET INDEX

T1 Title Sheet

EX0 Exterior Images of Existing House EX1 Existing First Floor Plan 1/4"=1'-0" EX2 Existing Second Floor Plan 1/4"=1'-0" EX3 Existing South-East Elevation 1/4"=1'-0" EX4 Existing North-West Elevation 1/4"=1'-0" EX5 Existing North-East Elevation 1/4"=1'-0" EX6 Existing South-West Elevation 1/4"=1'-0" S Site Plan 1/16"=1'-0" A0 Proposed Basement Floor Plan 1/4"=1'-0"

A1 Proposed First Floor Plan 1/4"=1'-0" A2 Proposed Second Floor Plan 1/4"=1'-0" A3 Proposed South Elevation 1/4"=1'-0" A4 Proposed West Elevation 1/4"=1'-0" A5 Proposed North Elevation 1/4"=1'-0" A6 Proposed East Elevation 1/4"=1'-0" A7 Proposed Building Section 1/4"=1'-0"





18 Main Street #3B, Concord, MA 650-814-8542 brigitte@inkstonearchitects.com

PROJECT ADDRESS

708 Main Street Harwich, MA 02645 Historical Residential Renovation Schematic Design

DATE SUBMISSION/REVISION 03/11/22 Historic Commission Submittal



SCALE : not to scale



South - West View of the House



North - West View of the House

West View of the House



North - East View of the House



North View of the House





18 Main Street #3B, Concord, MA 650-814-8542 brigitte@inkstonearchitects.com

708 Main Street Harwich, MA 02645

PROJECT ADDRESS

Historical **Residential Renovation Schematic Design**

SUBMISSION/REVISION DATE 03/11/22 Historic Commission Submittal

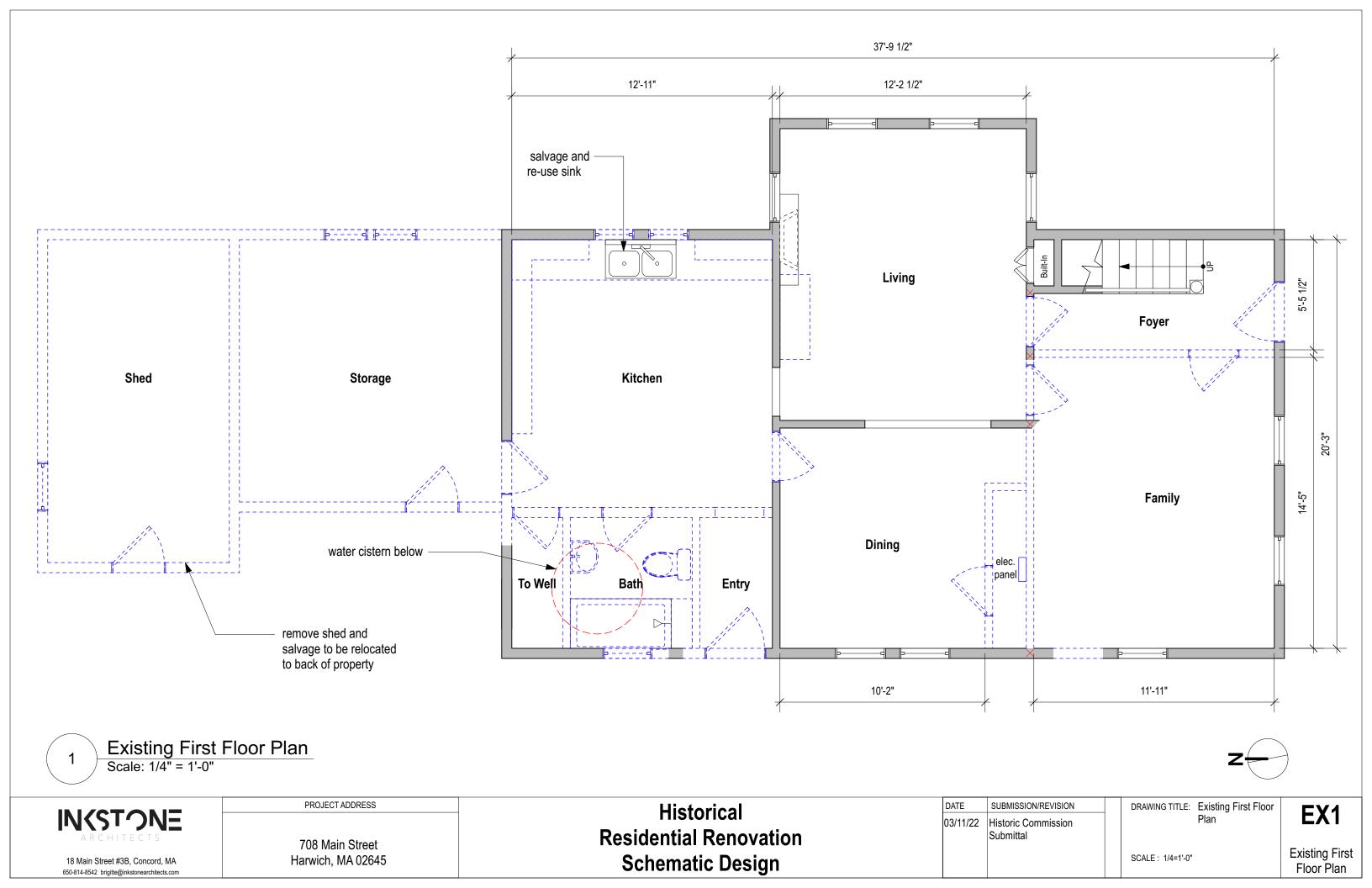


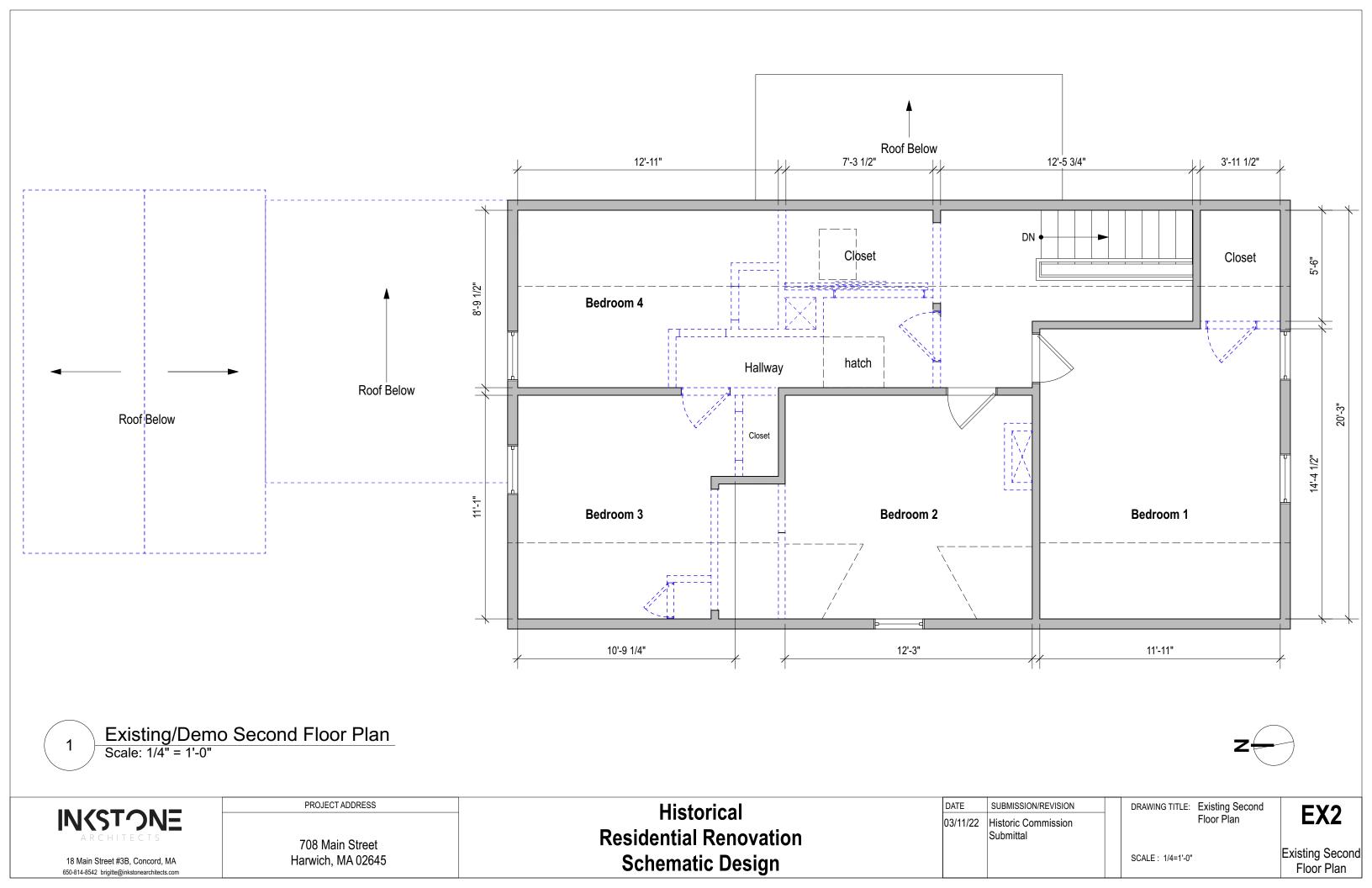
South - East View of the House

DRAWING TITLE: Existing Images

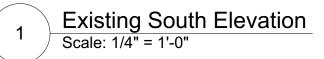
SCALE : not to scale













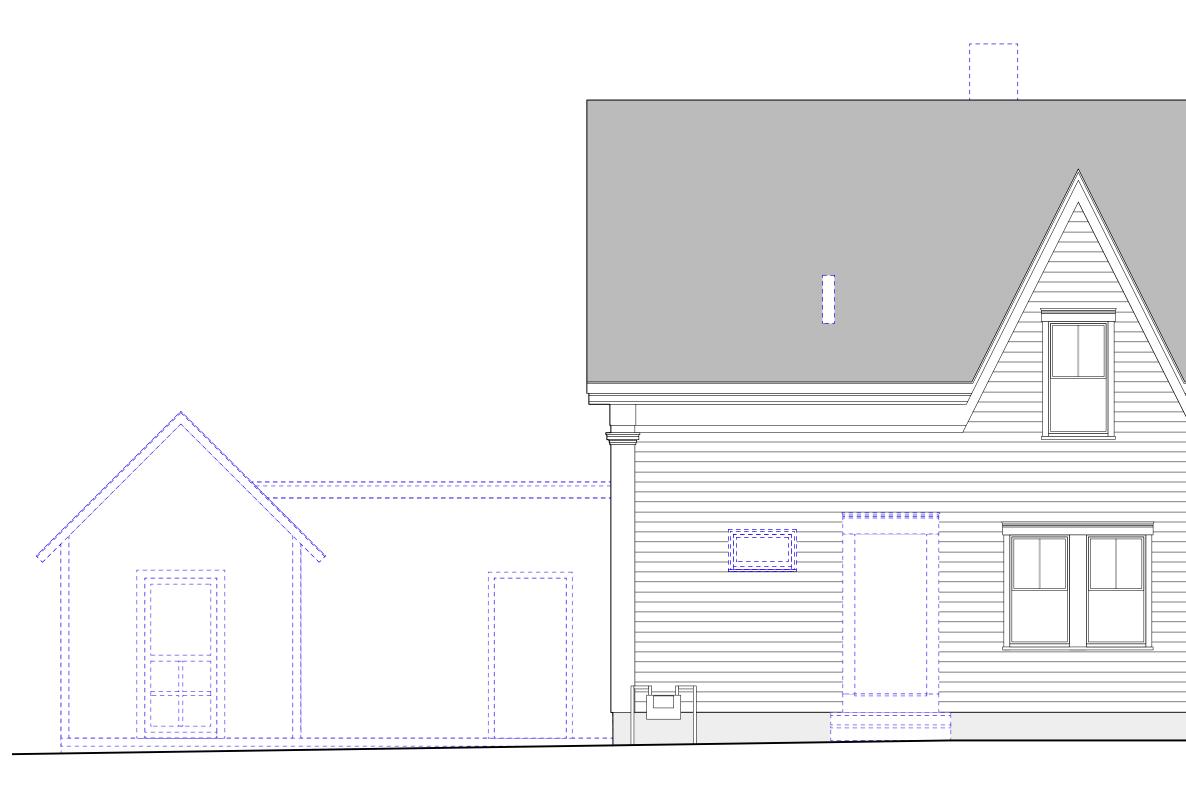
18 Main Street #3B, Concord, MA 650-814-8542 brigitte@inkstonearchitects.com 708 Main Street Harwich, MA 02645

PROJECT ADDRESS

Historical Residential Renovation Schematic Design DATE SUBM 03/11/22 Histo Subm

Note: 1. Remove flower box holders

BMISSION/REVISION	DRAWING TITLE:	Existing South	EV2	
toric Commission	Elevation		EX3	
	SCALE : 1/4=1'-0"		Existing South Elevation	



Existing West Elevation Scale: 1/4" = 1'-0"

1



MISSION/REVISION pric Commission mittal	DRAWING TITLE: Existing West Elevation SCALE : 1/4=1'-0"	EX4 Existing West Elevation



 Existing North Elevation

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



18 Main Street #3B, Concord, MA 650-814-8542 brigitte@inkstonearchitects.com 708 Main Street Harwich, MA 02645

PROJECT ADDRESS

Historical Residential Renovation Schematic Design DATE SUBM 03/11/22 Histor Subm

MISSION/REVISION	DRAW
pric Commission nittal	

DRAWING TITLE: Existing North Elevation



Existing North Elevation

SCALE : 1/4=1'-0"



Existing East Elevation Scale: 1/4" = 1'-0"



18 Main Street #3B, Concord, MA 650-814-8542 brigitte@inkstonearchitects.com

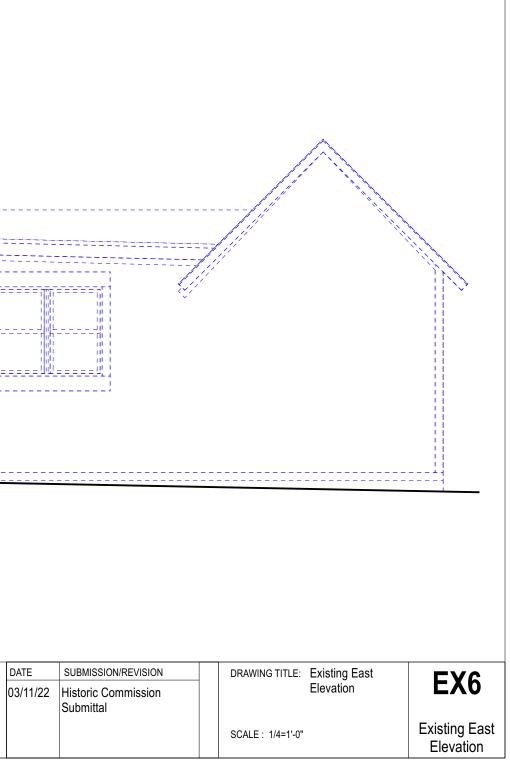
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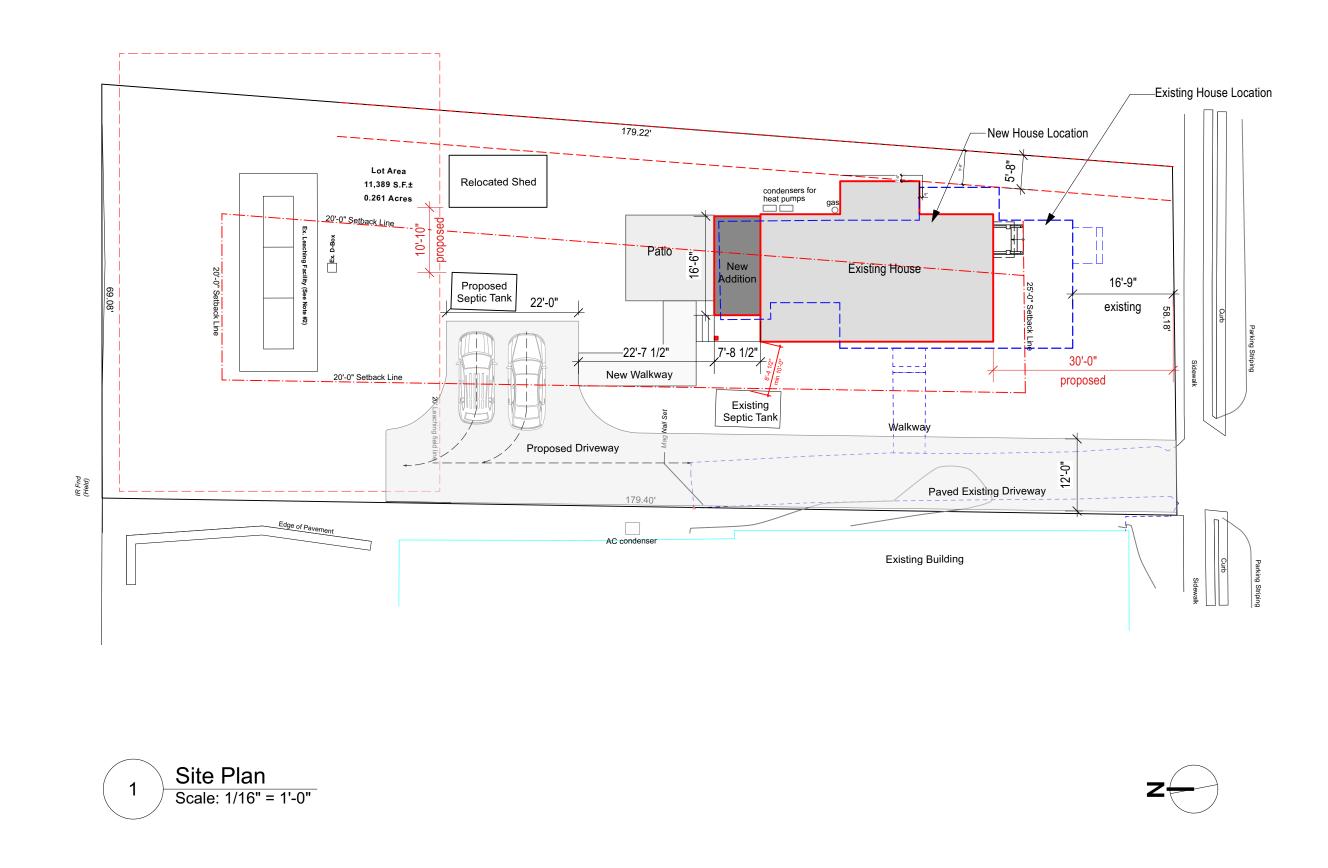
708 Main Street Harwich, MA 02645

PROJECT ADDRESS

Historical **Residential Renovation** Schematic Design

DATE





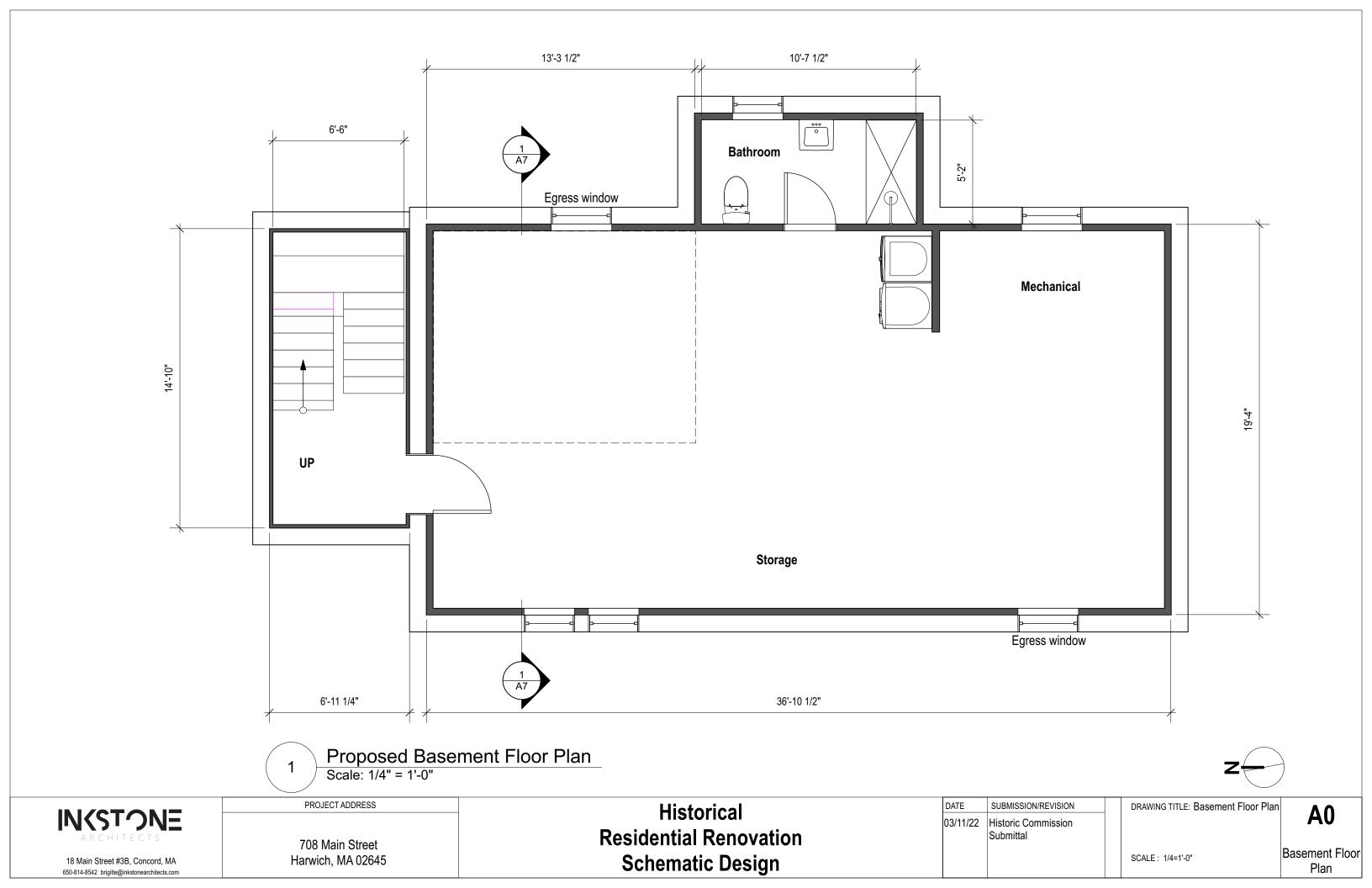


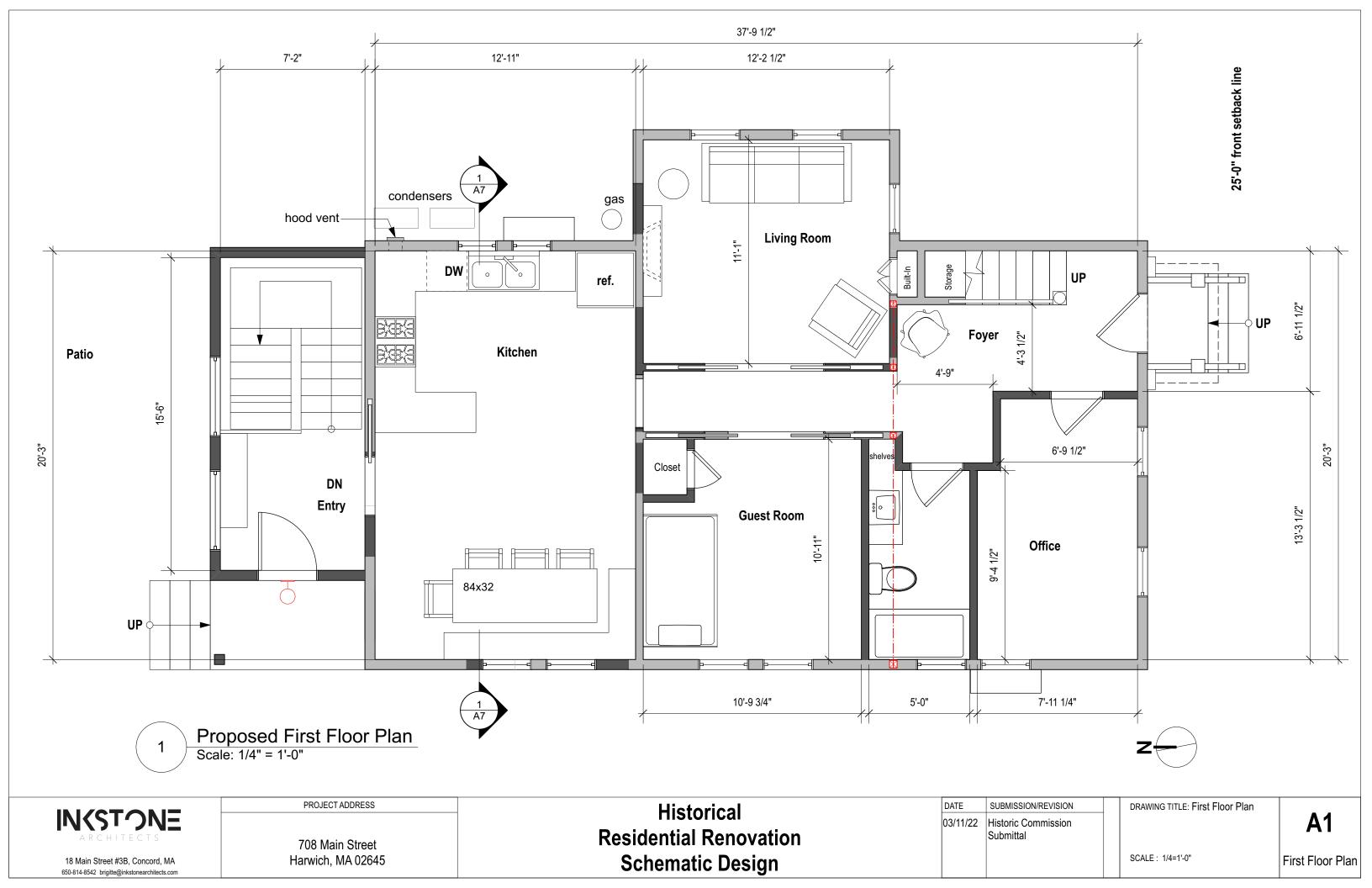
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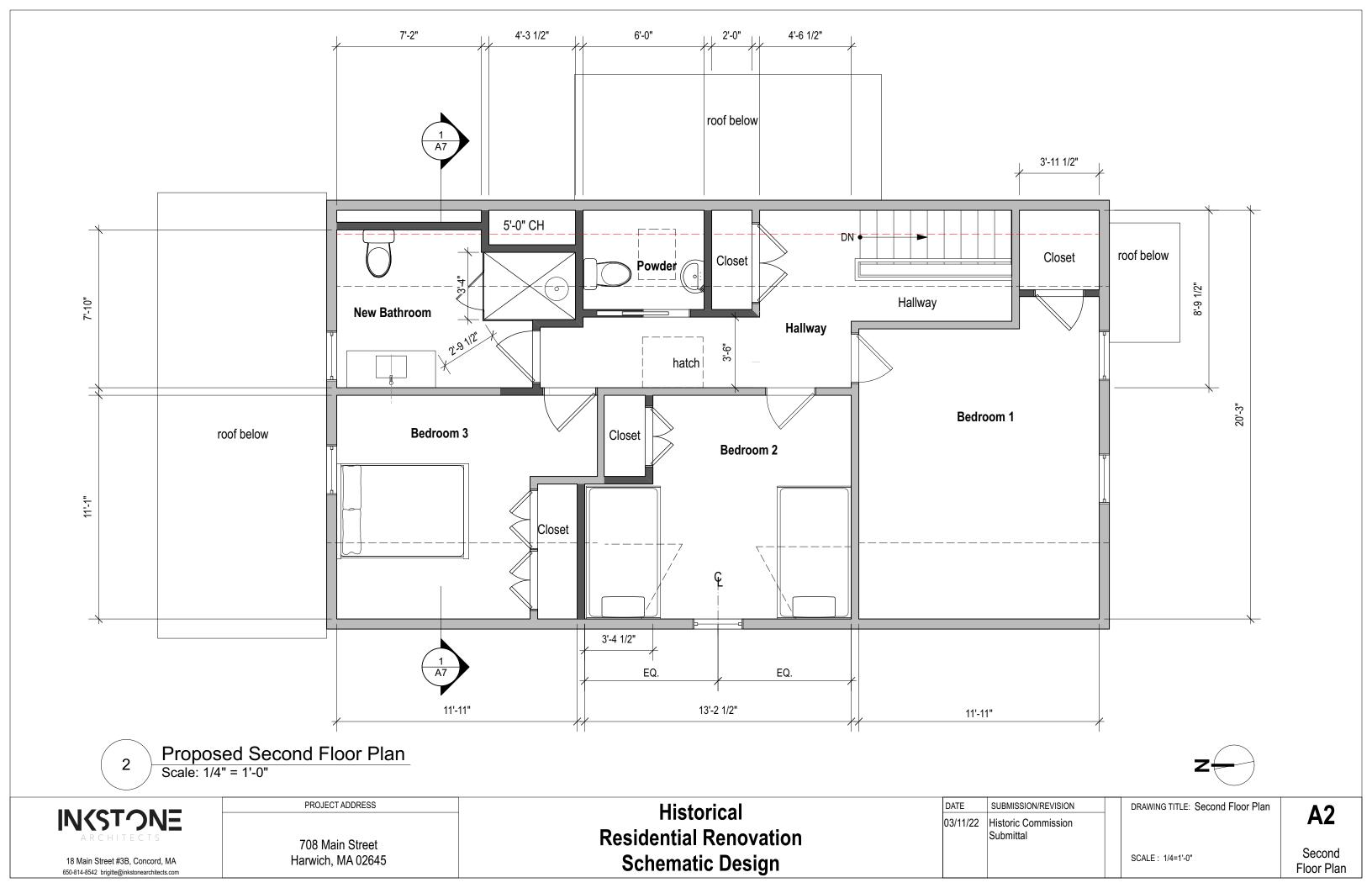
DRAWING TITLE: Site Plan

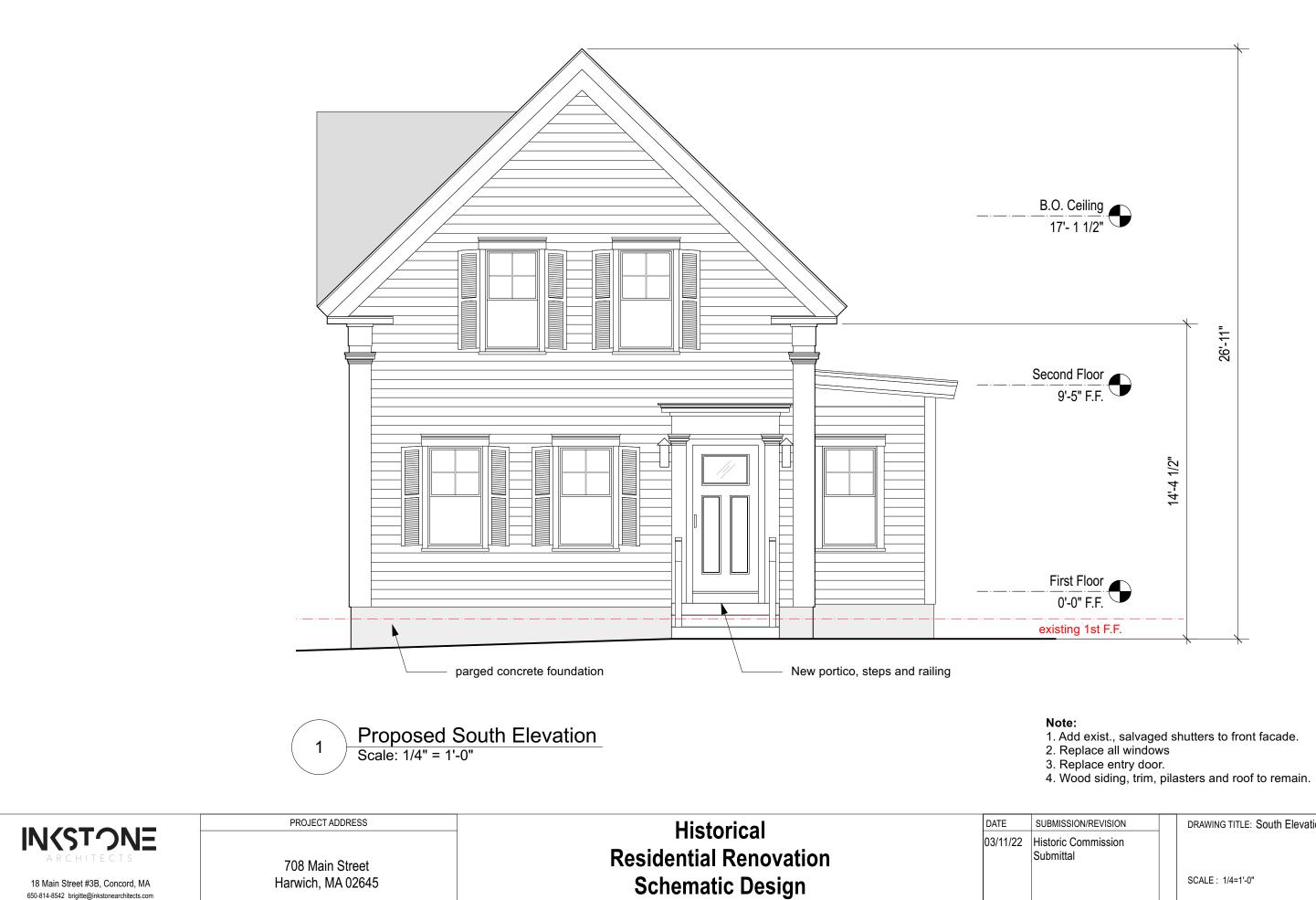


SCALE : 1/16=1'-0"







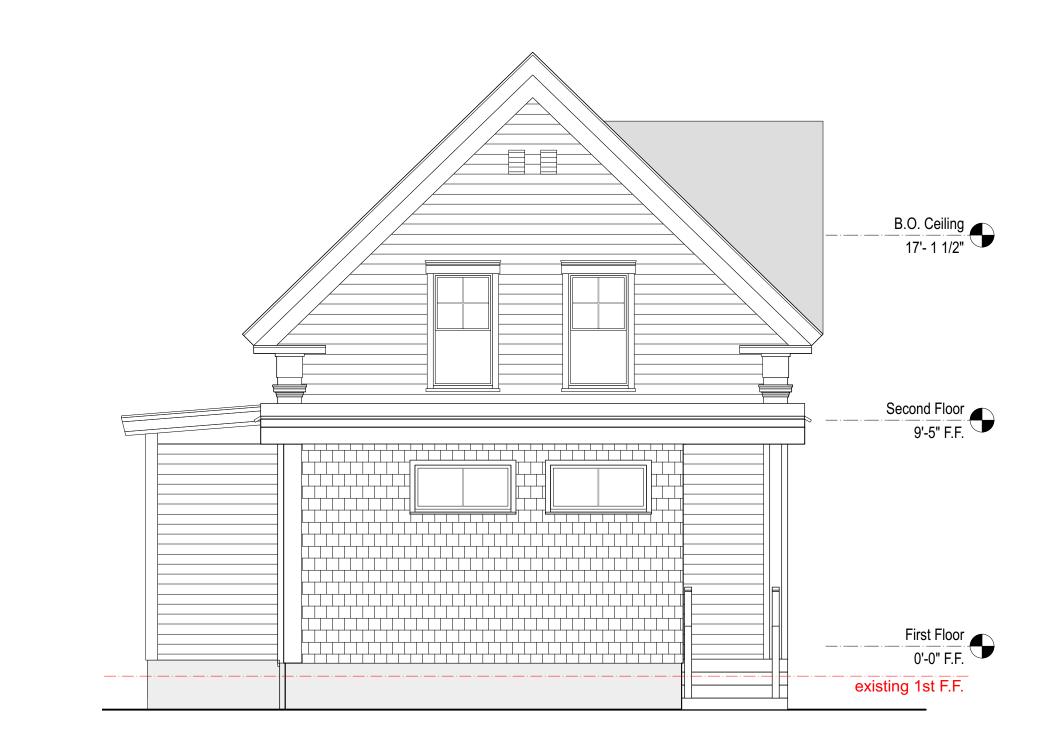


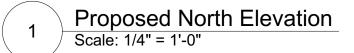
650-814-8542 brigitte@inkstonearchitects.com

MISSION/REVISION	DRAWING TITLE: South Elevation	۸ 2
oric Commission mittal		A3
	SCALE : 1/4=1'-0"	Proposed South Elevation











18 Main Street #3B, Concord, MA 650-814-8542 brigitte@inkstonearchitects.com 708 Main Street Harwich, MA 02645

PROJECT ADDRESS

Historical Residential Renovation Schematic Design DATE SUBMISSION/REVISION
03/11/22 Historic Commission
Submittal

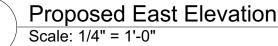
DRAWING TITLE: North Elevation



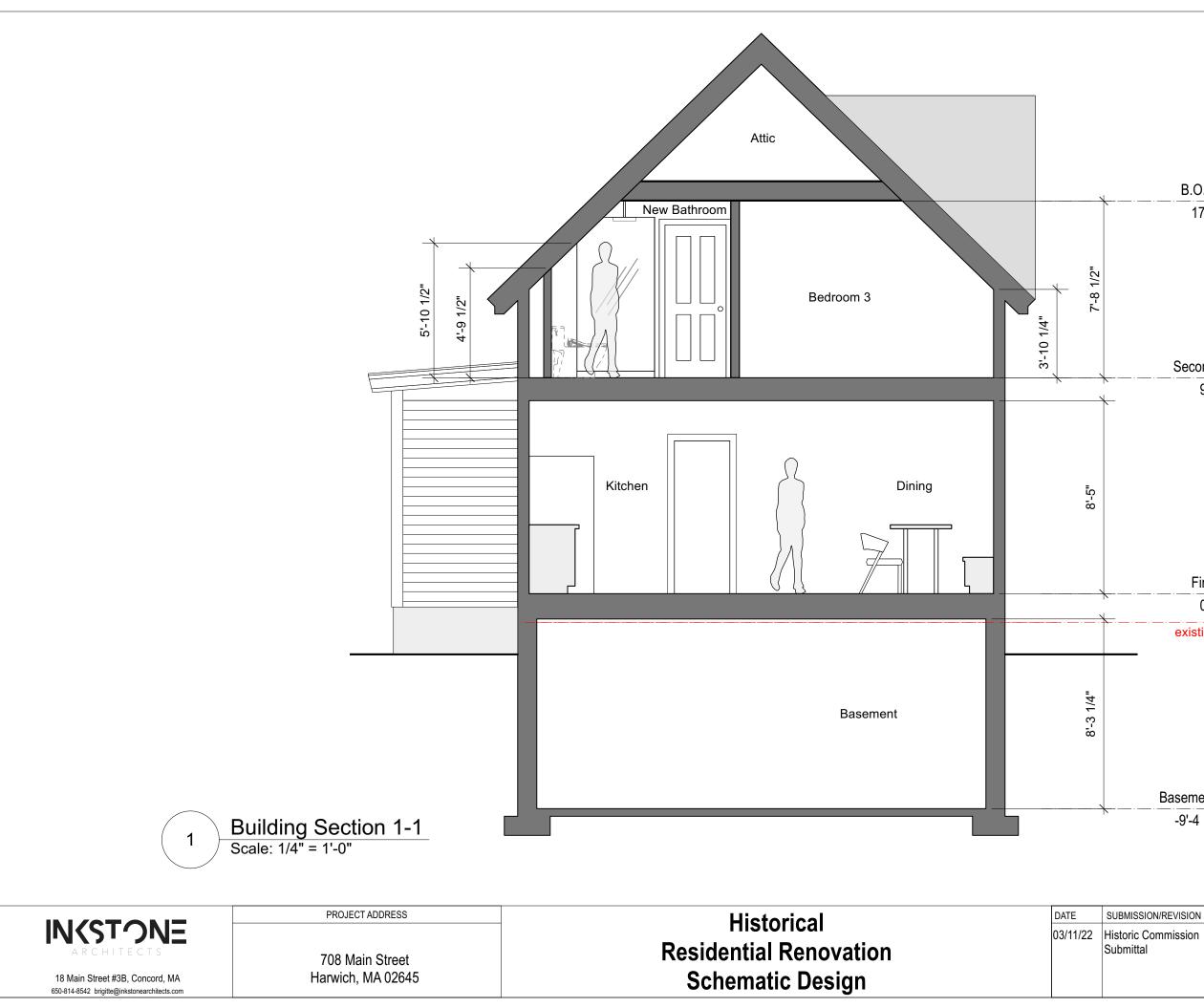
Proposed North Elevation

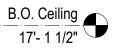
SCALE : 1/4=1'-0"

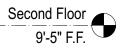




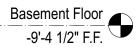












SUBMISSION/REVISION

DRAWING TITLE:



SCALE : 1/4=1'-0"

Building Section



Historical District and Historical Commission Town of Harwich Building Department 732 Main Street, Harwich MA 02645

Project Address: 708 Main Street

List of Materials

Foundation: New concrete foundation cast in place with finished cement parging.

Siding: Existing clapboard siding, painted white.

Back Addition: Prefinished white shake and shingle fiber cement board. (James Hardie).



Alternative:

Prefinished white vertical siding, board and batten as shown in picture below.





Trim Material at Mudroom addition: 1x6 hardie trim boards (prefinished) or Boral TruExterior trim (painted)

Trim Material at Existing house: Replacement corner boards, gable rake boards, eave boards Boral TruExterior trim, painted. (if replacements due to unforeseen decay or damage is needed).

Windows: Andersen 200 series or similar.

Window Casings: New window casings at existing house to match existing wood casings as detailed on HDC submittal drawings.

New window casings at new back addition flat stock 1x3 Boral TrueExterior painted.

Shutters: Re-using existing shutters, PVC, painted Brewster gray HC-162-BM paint

Doors: Front entry door Smooth Pro fiberglass. Top view craftsman with one top light (frosted glass), and two lower panels. (Jeldwen), color anchor gray 2126-3

Back door Smooth Pro fiberglass. (Jeldwen), color anchor gray 2126-3

Hardware: Black door hardware for front and back entry. Tbd.

Railing: Wood railing, painted white.

Front and Back Porch: Composite decking (trex deck of similar), wood detailing to match existing as shown in submittal drawings, EPDM rubber roof with metal drip edge.

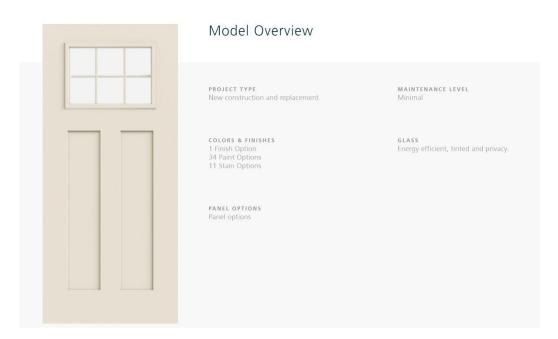
Roofing: Architectural grade shingles to match existing.

Lighting: security lighting in the back and on the side only, facing downward, white finish. Front and back lighting see speck sheets.

Paint samples can be sent in before the hearing.

Brigitte Steines

Smooth-Pro™ Fiberglass Exterior Door: Top View Craftsman 6-Light 2-Panel



708 Main Street

Front Entry door to be painted color anchor gray 2126-3 or similar.

Capanna™ 10" 1 Light Wall Light Textured Black

SPECIFICATIONS

С

Certifications/Qualifications	
	www.kichler.com/warranty
Dimensions	
Base Backplate Extension Weight Height from center of Wall opening (Spec Sheet) Height	4.50 X 6.75 7.75" 2.80 LBS 2.00" 10.25"
Width	6.50"
Light Source	
Lamp Included Lamp Type Light Source Max or Nominal Watt # of Bulbs/LED Modules Socket Type Socket Wire	Not Included A19 Incandescent 60W 1 Medium 150"
Mounting/Installation	

Interior/Exterior

Location Rating Mounting Weight

FIXTURE ATTRIBUTES

Housing

Diffuser Description Primary Material

Clear Water ALUMINUM

Exterior

1.70 LBS

Wet

Product/Ordering Information SKU

Finish Style UPC

Finish Options

Textured Black

49924BKT **Textured Black** Transitional 783927540414



49927OZ











49925BKT

49926BKT

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49924BKT



ALSO IN THIS FAMILY





Northland[™] 12" 1 Light Wall Light Black

SPECIFICATIONS

Certifications/Qualifications Dark Sky Compliant

Dimensions

Base Backplate Extension Weight Height from center of Wall opening (Spec Sheet) Height Width

Light Source

Lamp Included Lamp Type Light Source Max or Nominal Watt # of Bulbs/LED Modules Socket Type Socket Wire

3.00" 12.00" 10.00" Not Included

www.kichler.com/warranty

A19 Incandescent 100W 1 Medium 150"

Mounting/Installation

Interior/Exterior Location Rating Mounting Style Mounting Weight

Exterior Wet Wall Mount 2.20 LBS

FIXTURE ATTRIBUTES

Housing ALUMINUM Primary Material **Product/Ordering Information** SKU 49775BK Finish Black Style Coastal 783927530774

Finish Options



17.25" 2.20 LBS

Yes

6.00 DIA

ALSO IN THIS FAMILY





UPC



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49775BK



708 Main Street

Shutters as they existed before removed in early 2000s.

Katharina Zuellig 36 High St Concord, MA <u>*kathazu@yahoo.com</u>

.617-669-2898

Greetings,

The following are the observations and estimates that you requested for work on the home located at 708 Main St., Harwich, MA. The home was reportedly built around 1850. The main house measures approximately 40° x 20°. Most of it is over a crawlspace about 1 foot high. All of the joists are longer than desired for their span. The house was built using rough cut 2x's. As is common with homes this age, they have more knots and crossgrain that one would like. Several of the joist show signs of mold. A mold remediation company should be consulted if the joists are to remain. Some of the beams are rotted along with the sills. In the cistern, the beam and joists are all compromised. The foundation was built using bricks. As discussed, bricks are naturally deteriorating material. There are several areas where the mortar is falling out. There is evidence of water penetrating the foundation. The water should be redirected using gutters, perimeter drain, and/or landscaping. The possibility of raising the house and excavating a full basement with a new foundation was discussed. I would suggest making a list of pros and cons for this possibility. The only con that I would see would be cost. There would be a long list of pros. This may be the best overall plan for the house.

1410y J, 2021

On the back of the house, there is ell. It appears that the middle part of the ell was built in the 1900s as a connector for a back shed. Both are in very poor condition and were built very poorly when constructed. Both consist of wood flooring and joists resting on dirt. The foundation, if any, is very minimal. On the inside, there is an abundance of mold and rot. The roof leaks. The sills are missing in many places. The entire structure is settling due to lack of support. The structure is not worth saving and demolition should be seriously considered as a possibility.

In the living space, the kitchen floor is in rough condition. It is not level. Depending on the overall plans, it should be considered to remove the flooring and replace the substructure from above. If done from underneath, a beam would be installed under the joist to shorten the span. However, jacking would be limited and things would not be level.

On the second floor, the floors are bouncy and sagging. The only way to evaluate and diagnose this would be to remove the ceilings below. The possibility of gutting the entire house was discussed. Depending on budget and final goals, this option would obviously give the best finished product.

In the attic, the rafters are rough cut two by sixes angle cut at the peak. There are three that have cracks in them. These cracks do not appear due to structural loads. They are due to imperfections in the wood.

It is recommended to start a journal documenting any sags, dips, etc. in the structure with photos and measurements. This should be updated periodically to ensure that there are no significant changes occurring.

го вох 868, Fiskdale, MA 01518 (508) 735-9900

www.cr1981.com

email - info@cr1981.com

Concord, MA 01/42

March 17, 2022

AUTHORIZATION

I, Katharina Zuellig, currently of 36 High Street, Concord, Massachusetts 01742, and owner of 708 Main Street in Harwich, MA 02645, appoint and authorize Brigitte Steines from Inkstone Architects, LLC, Concord, MA, to act on my behalf with respect to attending Town of Harwich board meetings and to filing building applications, permits, submissions, Notice of Intent, etc., and related to the renovation of said property on 708 Main Street, Harwich, MA.

This authorization shall be valid until July 1, 2023.

3/17/2022

Signature

Date

Katharina Zuellig

TOWN OF HARWICH HISTORIC DISTRICT AND HISTORICAL COMMISSION



APPLICATION AND CERTIFICATE FORM

Please submit this application to:	Town of Harwich Building Department		
	732 Main Street, Harwich, MA 02645		
	Telephone: (508) 430-7506	Fax: (508) 430-4703	

No exterior feature of a structure or building may be altered, and no structure or building may be erected in the Historic District unless the Commission shall have first issued the Certificate.

SECTION I: (Circle one)

- A. Certificate of Appropriateness: Required for additions, new construction, or alteration (such
- X as changes in design, material, color or outward appearances) of a building or structure visible from a public space; any addition to, or removal of appurtenances or features from a structure; any removal or demolition of a building or structure, or appurtenance or feature thereof.
- **B.** *Certificate of Hardship:* Applicable in those instances where a Certificate of Appropriateness is inappropriate and such denial will involve substantial hardship to the Applicant. A Certificate of Hardship will not be granted where an approval constitutes a detriment to the public welfare, or derogates from the intent and purpose of the Historic District Act. The Commission cannot grant a Certificate of Hardship for a self-imposed hardship (e.g., owner-incurred costs to correct inappropriate or un-permitted alterations.)
- **C.** *Certificate of Non-Applicability:* A way to acknowledge that a Certificate of Appropriateness is not required. This Certificate, along with photographs submitted as directed in Section IV, protects the Applicant against Commission enforcement actions for unauthorized work performed when undertaken as follows:
 - a. Additions, alterations or new construction not visible from a public space.
 - **b.** Ordinary maintenance, repairs or replacement of architectural features that are damaged or worn; provided the work does not involve a change in design, color or outward appearances.

SECTION II: Applicant Information (Note: A non-owner may only apply in the event that the owner attaches a written waiver authorizing this Application)

Address of Proposed Work_92: 'O ckp"Utggv.'J cty kej .'O C'24867			
Map41 ParcelD7/2'''''Zone(s)C-W			
Applicant_Katharina Zuellig Telephone617.669 2898			

Mailing Address__36 High Street, Concord, MA 01742_____

SECTION III: (*Please specify all structures or features that will be affected*)

 Architectural Trim or Siding	 Lights	 Satellite Dish
 Barrier Free Access	 Masonry	 Signs
 Door(s), Doorway	 Paint Color	 Skylight
 Fence, Gate	 Parking	 Utilities
 Gutters, Downspouts	 Porch, Deck	 Window(s)
 House Numbering	 Roof	 Other*

**Please specify structures/feature not listed i.e. dormers, foundations, shed, wall, etc.*

SECTION IV: REQUIRED ATTACHMENTS TO BE INCLUDED HEREWITH

A. One Certified Abutter List – available from the assessor's office

B. 13 Copies Required for all projects, as noted:

- 1. Photographs of sufficient number and quality to adequately document existing conditions.
- 2. A separate list of affected features (See Section III), specifying materials, colors, dimensions for each principal feature that will be affected.
- 3. Paint samples, as applicable.

C. Additional requirements* for building construction, additions or alterations excluding all roof resurfacing or siding projects.

- 4. Stamped Architectural elevation plans for building construction projects.
- 5. Stamped Site/plot plan specifying structure *in situ*, specifying all set-back.

(EXCEPT that scaled drawings may be submitted for fences, garden sheds and signs)

*NOTE: Certificates of Non-Applicability have only to submit Section IV.B attachments.

By signing this Application the Applicant acknowledges that the Commission may deem "incomplete" an Application that fails to provide specified Attachments, or deem "incomplete" an Application where one or more specified Attachments, as submitted, does not provide sufficient information, and upon which the Commission may, in its discretion, rely to make an informed determination.

Signed			Date
Date(s) of Heari	ng or Determination:		
Approved	Denied	Continued	Withdrawn without Prejudice
Comments/Conc	litions:		

Board Chair



Please submit this application to:	Town of Harwich Building	Department
	732 Main Street, Harwich, MA 02645	
	Telephone: (508) 430-7506	Fax: (508) 430-4703
		1

Application fee: \$55

Harwich General By-Laws, Chapter 131, Article II, §131-8.A, Notice of Intent to Demolish. Before any building constructed prior to one hundred years before the present calendar year is demolished in whole or in part, a Notice of Intent to do so will be filed with the Commission.

Application for Notice of Intent

I, <u>Kathaning Zwelli</u> , intend to demolish i (Print Owner/Applicant's Name)	in whole or in part the structure located at
	, <u>Y1</u> / <u>35</u> -o <u>C-w</u> (Assessor's Map) (Parcel #) (Zoning District(s)
Section 1 - Owner/Applicant Information (Note: A non-own owner is required	ner may apply, however written authorization of the d at the time of submittal of this Application)
Owner Kathaning Zullig	Telephone 617.669 2893
Mailing Address 36 High Shoet	Email Address maria 02143 Dyahon
Legal Owner's Authorization	
Applicant (if different) 3n's itte Stoines	Telephone 650. BIY B542
Mailing Address (if different) 18 Main Start	Email Address brigitle D 142 inhatoncarchilects.com
Section 2 - Determination of Historical Significance	
Section 2 - Determination of Historical Significance Description of Structure to be demolished <i>(in whole or in part)</i>	
	Brich foundation
Description of Structure to be demolished (in whole or in part)	Brich foundation + connector structure
Description of Structure to be demolished (in whole or in part)	Brich foundation + connector structure
Description of Structure to be demolished (in whole or in part) + brize water Cister toot in the book; shear with be - Date Building was Constructed <u>1850/1876</u>	Brick foundation + connector structure salveged + recorrected on game property
Description of Structure to be demolished (in whole or in part) + bride water Cister toot in the book; shear will be	Brick foundation + connector structure salveged + recorrected on game property
Description of Structure to be demolished (in whole or in part) + bridge water cister toot in the book; shear with too Date Building was Constructed 1850/1876 Which records were used to establish this date? Tous	Brick foundation = * connector structure salve ged + recorrected on game property 's thistoric Property

Page 1 of 3 October 2018

Section 2 - Determination of Historical Significance – Con t

Has the property been associated with any noteworthy events or with the political, cultural, economic,	, or
social history of the Town or Region? Please list:	
Type of Architectural Style: vernector New England, formhow	32
Method of Construction: boich foundation, wood construction	
Type of Materials Used:	
Name(s) of Architect, Designer or Builder if known:	
Section 3 - Project Plan and Condition of Existing Structures	
Full Demolition 🔲 or Partial Demolition 🇹	
For Partial Demolition, describe portion(s) to be demolished	
only brick foundation + below grade brick cister	2
connector structure + deal (shed will be salue;	
see also report. For	
Age(s) of portion(s) to be demolished foundation ~170 yrs; connector	- ~
Describe how the remaining structure will be treated and renovated	
see historial application; building will be more	set
List reports detailing condition of structure and results of inspections conducted by certified engineer	or
other design professional <u>Report by Colonial Rostonations</u> , L	LC
Fishdale, MA 508. 735 - 9900 www. cr 1981.com	
10 5 5 2-21	
TEOM IDAS COL	
from May 5, 2021	
Is there room on the site to relocate the structure or integrate it with the new project? Yes Vo	

Page 2 of 3 October 2018

Section 4 – Fining Requirements

One Certified Abutter List – available from the Assessor's Office for a fee.

One (1) original and twelve (12) copies of each of the following shall be submitted:

- 1. Completed Application Form & Owner authorization if required
- 2. Certified Site Plan and Locus Map
- 3. Registered Professional(s) Stamped Reports of Inspection

4. Complete set of Photographs (of sufficient quality and number) showing **all:** exterior elevations, significant architectural details, and /or detailing existing conditions supporting claim of conditions

5. List and copies of appropriate references and documents consulted to determine age and historical significance of structure.

6. For Partial Demolitions: Plans and Drawings of existing areas to be demolished and final elevations of completed project.

The application shall not be considered complete until the all the above requirements and information are provided and submitted with this application.

3/16/22 (Date) ture of Applicant/Representative)

		For Committee and	<u>Staff Only</u>				
Date(s) of Heari	ng or Determinatio	n:					
Approved	Denied	Continued	Withdrawn without Prejudice				
Comments/Conditions:							
Board Chair Sig	nature		Date				

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