

2019 DEC -6 AM 10: 48

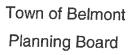
NOTICE OF PUBLIC HEARING BY THE PLANNING BOARD ON APPLICATION FOR THREE SPECIAL PERMITS

Notice is hereby given that the Belmont Planning Board will hold a public hearing on TUESDAY, DECEMBER 17, 2019, at 7:00 PM in the Select Board Meeting Room, Town Hall, 455 Concord Ave., to consider the application of Yangchun Du for three SPECIAL PERMITS under Section 1.5.4 C of the Zoning By-Laws to ALTER A NONCONFORMING STRUCTURE IN ORDER TO INCREASE THE SIZE OF THE SINGLE-FAMILY HOME BY MORE THAN 30% at 25 HURLEY STREET located in the Single Residence C Zoning District.

Planning Board

Special Permit - SRC September 7, 2016 Page 7







APPLICATION FOR A SPECIAL PERMIT

Date: Nov. 17, 2019

Planning Board Homer Municipal Building 19 Moore Street Belmont, MA 02478

To Whom It May Concern:

Pursuant to the provisions of Massachuse	etts General Laws, Chapter 40A,
Section 9, as amended, and the Zoning By-Law	
undersigned, being the owner(s) of a certain par situated on 25 Hurley Street s	cel of land (with the buildings thereon)
for a SPECIAL PERMIT for the erection or altera	tion on said premises or the use
thereof under the applicable Section of the Zonin the proposed second flo	
on the ground that the same will be in harmony said Zoning By-Law.	with the general purpose and intent of
Signature of Petitioner Print Name Address	Yangchun DU 25 Hurley Street Belmont, MA 02478
Davtime Telephone Number	6176920018



OFFICE OF COMMUNITY DEVELOPMENT TOWN OF BELMONT

19 Moore Street Homer Municipal Building Belmont, Massachusetts 02478-0900

Telephone: (617) 993-2650 Fax: (617) 993-2651

Building Division (617) 993-2664 **Engineering Division** (617) 993-2665 Planning Division (617) 993-2666

August 28, 2019

Yangchun Du and Yingmei Liu 25 Hurley Street Belmont, MA 02478

RE: Denial to Construct Second Story and Addition

Dear Yangchun Du and Yingmei Liu:

The Office of Community Development is in receipt of your building permit application for the construction of a second floor on top of your existing single story home and rear addition in a Single Residence C (SR-C) Zoning District.

Your application has been denied because it does not comply with the Zoning By-Law. More specifically, your property does not conform to the lot area and lot frontage requirements for the SR-C District (lot area: 9,000 square feet required, 7,005 square feet existing and proposed; lot frontage: 75' required, 71.5' existing and proposed). Additionally, Section 4.2.2 of the Zoning By-Law allows a minimum of 10' side setbacks; your existing and proposed side setbacks are 9.5' and 9.7', respectively. Therefore your home is considered nonconforming.

You may alter your plans to conform to the Zoning By-Law and resubmit for a building permit or you may request three (3) Special Permits from the Planning Board: (1) to increases the size of your home by more than 30% of the gross floor area (261% increase proposed) and (2) maintaining the side setbacks. If you choose to pursue the Special Permits, please call the Office of Community Development at (617)-993-2666 to schedule an appointment with the Planning Staff to begin the Special Permit process.

Sincerely,

Glenn R. Clancy, P.E. Inspector of Buildings

Belmont Planning Board Special Permit Narrative Statement Property: 25 Hurley Street, Belmont, MA 02478 Owners and Submitted by Yangchun Du and Yingmei Liu

Dear Members of Belmont Planning Board,

Nov. 18, 2019

We purchased this single-story ranch style house in May 2018, four months before our daughter Emily started her kindergarten year in Winn Brook elementary school. Our family, especially Emily, really loves the Winn Brook elementary school and the town of Belmont. So we plan to live in Belmont until Emily graduates from the Belmont high school in 11 years. This house was built in 1953, and there have not been discernable renovations/upgrades made since then. As our family gets bigger this year, the existing small living area (1425 square feet) does not provide enough space and privacy for our family of five people and frequent houseguests. We have been diligently and carefully working with a local and well experienced architect, Norman Kherlop of Nordesign and Build LLC, to explore all options. And fortunately, we have come up with a balanced design that satisfies our needs and also fits within the neighborhood.

We had a very helpful design review meeting with Mr. Spencer Gober of the Planning Board, and have incorporated Mr. Gober's suggestions to arrive at the current design. Specifically, both the total livable area and the building height have been largely reduced in the current design, comparing to our first design submitted in August 2019. We have also shared the plans and received enthusiastic support from our neighbors.

The proposed design adds approximately 1100 square feet of living space on top of the existing single-story ranch, leading to a modest ~2600 square feet house that will compliment nicely to the Hurley Street volume. The style of the existing house would be changed from ranch to colonial, which would blend in well with the colonial style homes scattered throughout the neighborhood.

The proposed design is in harmony and consistent with the architecture and scale of the neighborhood. The proposed design is also in keeping with the intent of Town Meeting and the Planning Board Special permit criteria (Section 1.5.4.B), and is not substantially detrimental to the neighborhood. In fact, we believe that the proposed addition represents a significant improvement to our house and therefore the neighborhood as a whole.

We look forward to creating a house and home that is an asset to the Town and that complements the neighborhood. Your time and serious considerations will be greatly appreciated!

Sincerely yours,

Yangchun Du and Yingmei Liu

25 Hurley Street, Belmont, MA 02478

The following table lists typical two-story colonial houses, which were built/remodeled or have secured special permits after 2012 within our neighborhood.

Address	Lot Size (sf)	TLA (sf)		
232 Brighton St	7000	2416		
70 Middlecot St	7000	3137		
280 Brighton St	8044	3022		
12 Hurley St	9673	3668		
45 Middlecot St	10208	3912		
		-		
25 Hurley St (our house)	8880	Approximately 2600		

Source: Belmont Assessing Database FY2019 and office of community development

Zoning Compliance Check List

Properties Located within the SR-C Districts (To be Completed by a Registered Land Surveyor)

Property Address: 25 HURLEY ST. BELMONT

Surveyor Signature and Stamp

Date: 11/7/19

Per §4.2 of the Zoning By-Law						
		REQUIRED		EXISTING	PROPOSED	
Lot Area (sq. ft.)		9,000		8,880	8,880	
Lot Frontage (feet)		75		74	74	
Lot Coverage (% of lot)		25		19	20	
Open Space (% of lot)		50		75	74	
Setbacks: (feet)	➤ Front ^(a)	25		25.2	21.8	
	> Side/Side	10	10	9.8 9.5	9.8 10.5	
	> Rear	25		58.1	55.6	
Building Height:	Midpoint (feet)	30		15	25	
	> Ridge (feet)	34		19	30	
	> Stories	2-1/2		11/2	2 1/2	
1/2 Story (feet) (Per §1.4)	> Perimeter (50%)			N/A	18.1%	
	> Area (60%)			N/A	18.5%	
	> Length (75%)			N/A	40.4%	
HVAC (b)	Prohibited in Front Yard and Side and Rear Setbacks and shall be screened					

⁽a) Front setback is equal to the average front setbacks of the abutting properties on either side.

SUBMIT CALCULATIONS for all of the requirements listed above on a separate piece of paper(s) to verify how they were calculated.

⁽b) Includes all outdoor mechanical equipment and fuel storage systems.

John A Hammer, III Professional Land Surveyor 39 George Brown Street Billerica, MA 01821 (978) 663-3700

#25 Hurley Street Zoning Compliance Check List Calculations

November 7, 2019

. "

Cellar calculation (see plot plan):

Cellar height

= 6.8

Average grade

= 26.2

Cellar floor grade

=21.43

Difference

4.77

4.77'/6.8' = 70% below grade cellar

Lot coverage calculations (see plot plan):

(Area of covered buildings + Area of Driveway) / Area of lot

(1677 sf + 509 sf) / 8880 sf = 24.6% Existing lot coverage

New roofed str's = 20.4 sf fr. entr. + 19.5 sf rear entr. + 33.2 sf new dining rm = 73.1 sf (1677 sf + 509 sf + 73.1 sf) / 8880 sf = 25.4% Proposed lot coverage

Open space calculations (see plot plan):

Open Space = Lot area - (roofed str's area + driveway area + deck) / lot area

[8880 sf - (1677 sf + 509 sf + 180 sf)] / 8880 sf = 73.3% existing open space [8880 sf - (1750 sf + 509 sf + 166 sf)] / 8880 sf = 72.6% proposed open space

½ Story calculations (see building section A-11):

Perimeter = $(40.5 \times 2) + (26.5 \times 2) + 2.58 + 6.42 = 81 + 53 + 9 = 143 LF$

3 Ft Clear & Gable End (12.16 + 12.16 + 1.5) / 143 = 25.82 / 143 = 18.05%

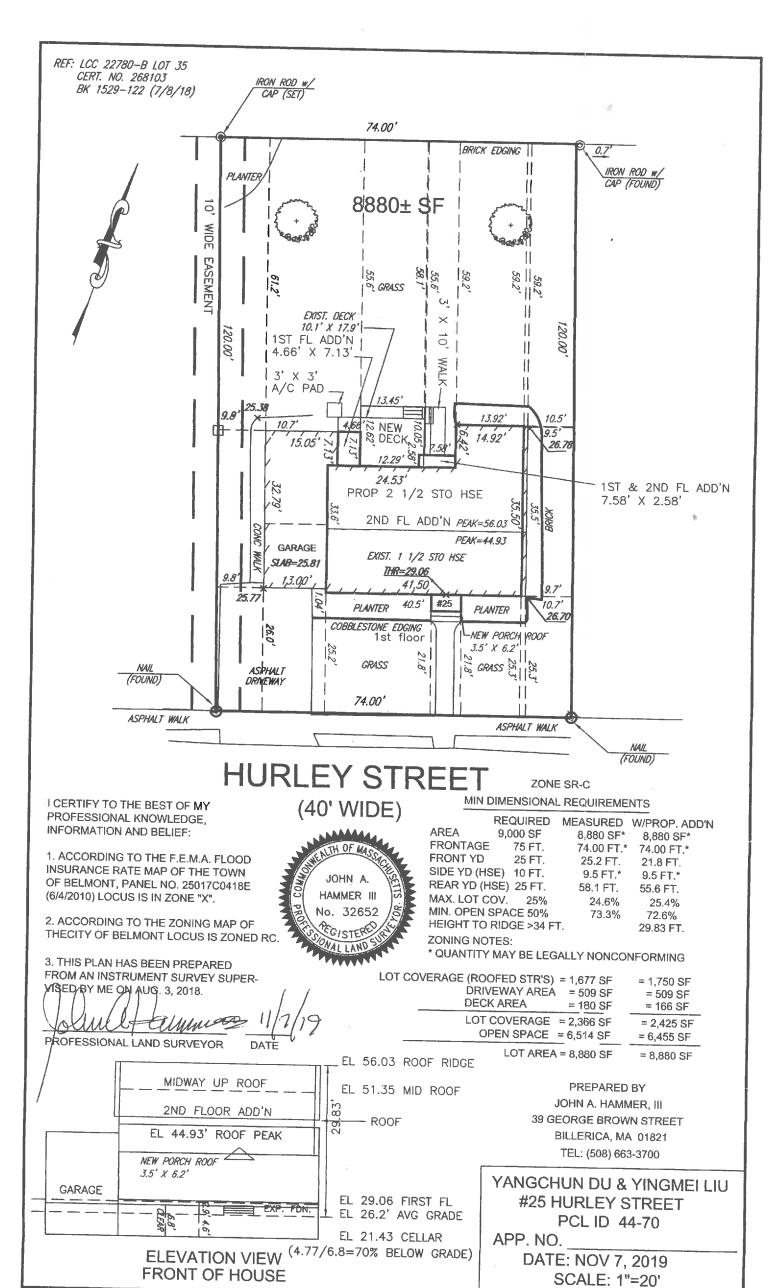
Dormer roof: 17.17' long, new roof = 42.5' long 17.17 / 42.5 = 40.4%

 $(5.34 \times 40.5) / [(40.5 \times 26.5) + (2.58 \times 7.58) + (6.42 \times 13.92)]$

= 216.27 / [1073.25 + 19.55 + 89.37]

= 216.27 / 1182.17 = **18.3%**

Dull Jammes



11/7/19

NORDESIGN & BUILD LLC ARCHITECTS
21 HOUGH ROAD BELMONT MA 02478, 617-283-5299



LIST OF DRAWINGS

- L-01 LANDSCAPING PLAN
- A-1 EXISTING BASEMENT PLAN
- A-2 EXISTING FIRST FLOOR PLAN
- A-2.1 EXISTING FRONT ELEVATION
- A-2.2 EXISTING EAST ELEVATION
- A-2.3 EXISTING REAR ELEVATION
- A-2.4 EXISTING WEST ELEVATION
- A-3 PROPOSED BASEMENT PLAN
- A-4 PROPOSED FIRST FLOOR PLAN
- A-5 PROPOSED SECOND FLOOR PLAN
- A-6 PROPOSED ATTIC FLOOR PLAN
- A-7 PROPOSED FRONT ELEVATION
- A-8 PROPOSED EAST ELEVATION
- A-9 PROPOSED REAR ELEVATION
- A-10 PROPOSED WEST ELEVATION
- A-11 PROPOSED BUILDING SECTION

COMPLIANCE REQUIREMENTS:

INTERNATIONAL RESIDENTIAL CODE IRC 2015
WITH MASSACHUSETTS AMEMDEMTS
STRETCH CODE-780CMR 9TH EDITION APPENDIX

A-A WITH AMENDMENTS

STATE ENERGY CODE 2015 IECC WITH AMENDMENTS

ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE

DEFORMED BARS SHALL BE PROVIDED PER ASTM A615 GRADE 60

ACI 315 MANUAL OF STANDARD PRACTICE FOR

DTAILING STRUCTURAL CONCRETE

ACI 318-14 BUILDING CODE REQUIREMENTS

FOR STRUCTURAL CONCRETE

ALL CONCRETE SHALL DEVELOP A COMPRESSIVE STRENGTH OF 4000PSI IN 28 DAYS, 4" +/- 1" SLUMP REFER TO ACI TABLE 305, AIR ENTRAINMENT PER ASTM C231. ALL CONCRETE SHALL BE READY MIXED & DELIVERY TICKETS WITH SPECIFICATIONS SHALL BE PROVIDED FOR VERIFICATION & APPROVALS...

AISC 360-16 FOR STRUCTURAL STEEL

NDS 2018 FOR WOOD FRAMING

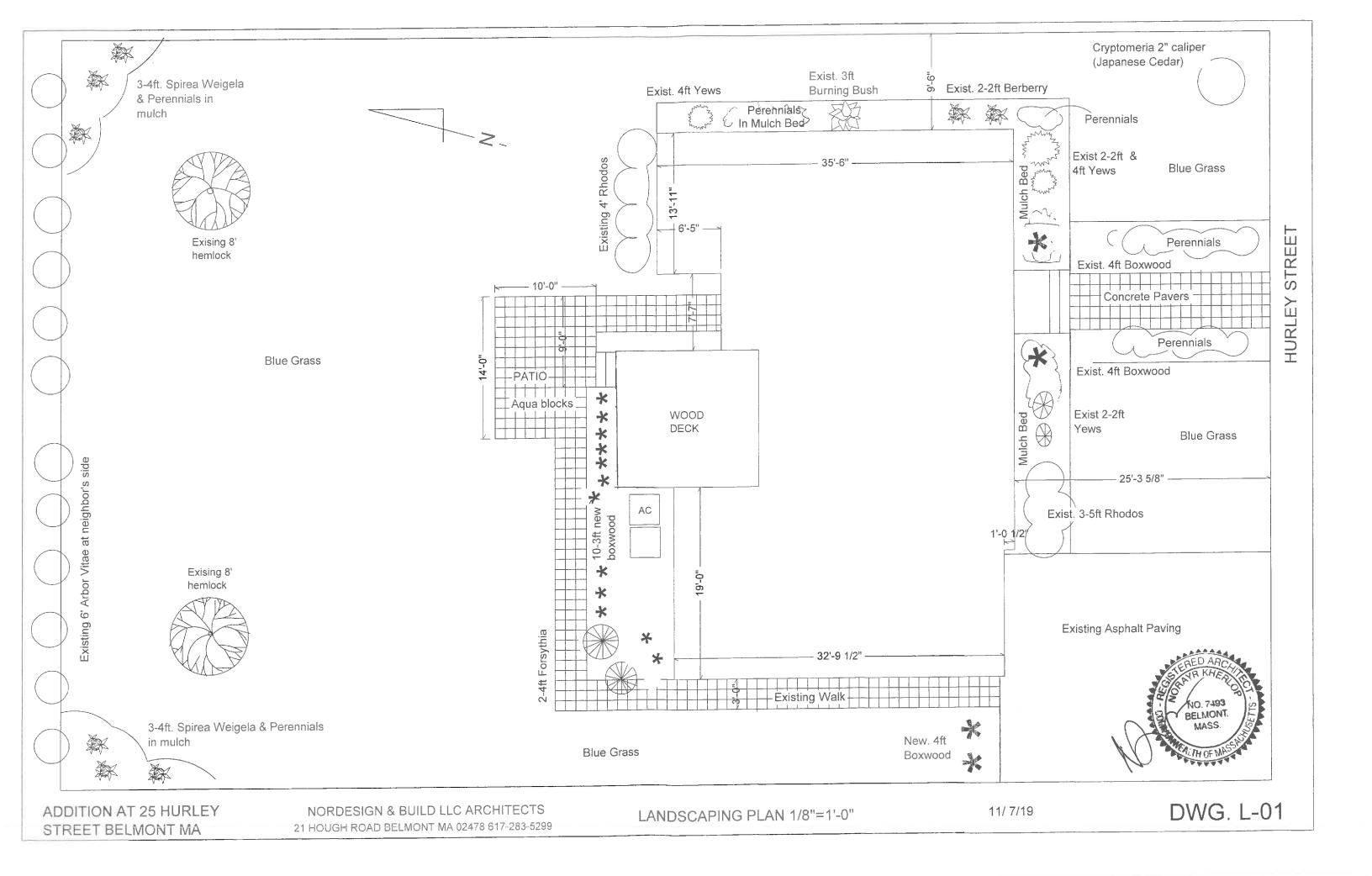
ADDITION AT 25 HURLEY STREET BELMONT MA NORDESIGN & BUILD LLC ARCHITECTS
21 HOUGH ROAD BELMONT MA
02478 617-283-5299

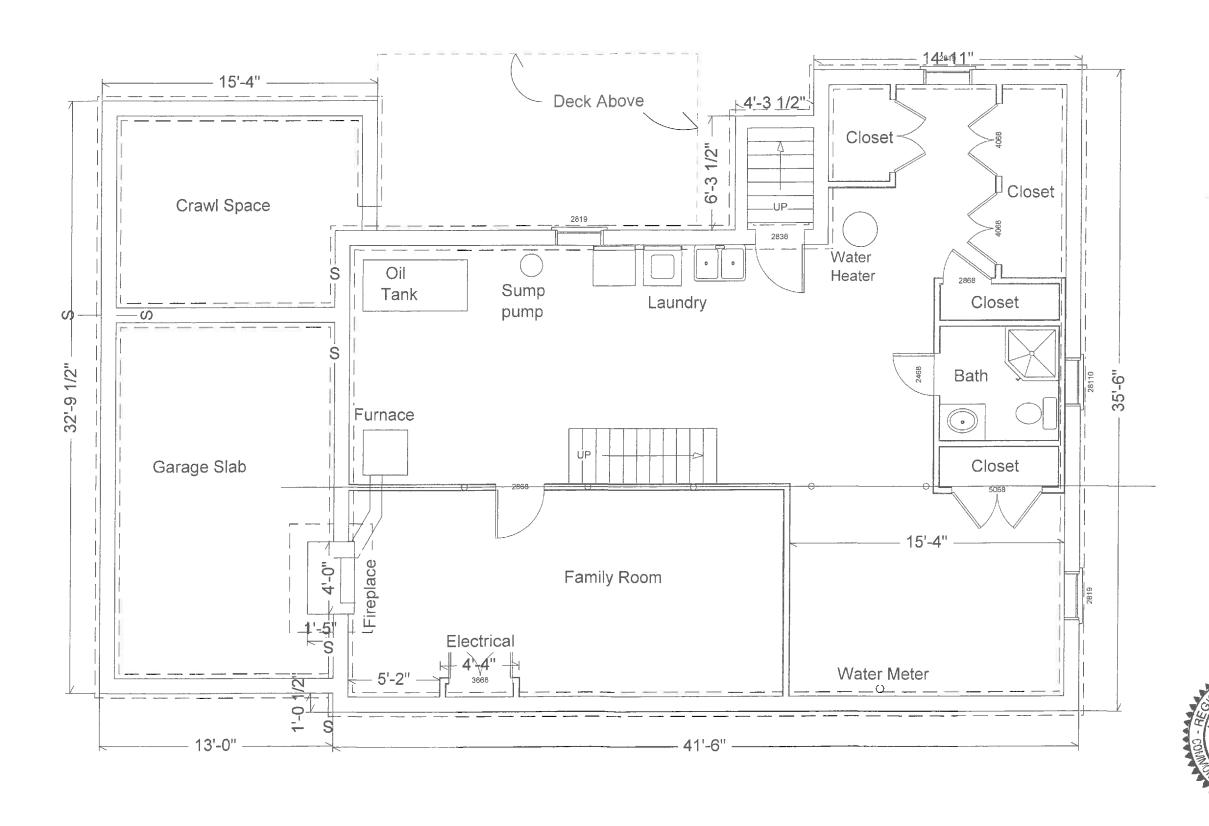
BELMONT.

LIST OF DRAINGS & COMPLIANCE NOTES

11/7/19

T-01





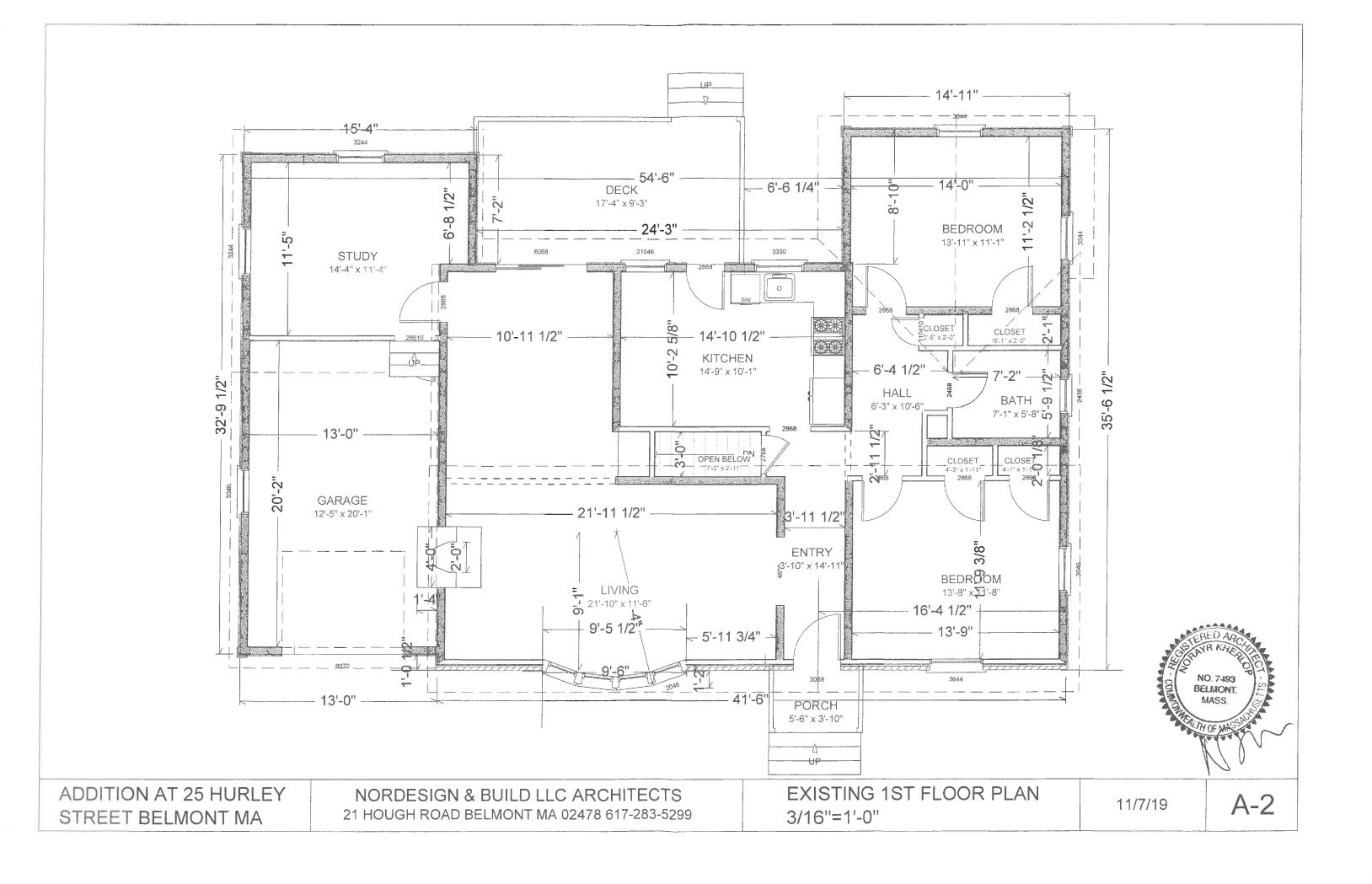
NORDESIGN & BUILD LLC ARCHITECTS
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EXISTING BASEMENT PLAN 3/16"=1'-0"

11/7/19

A-1

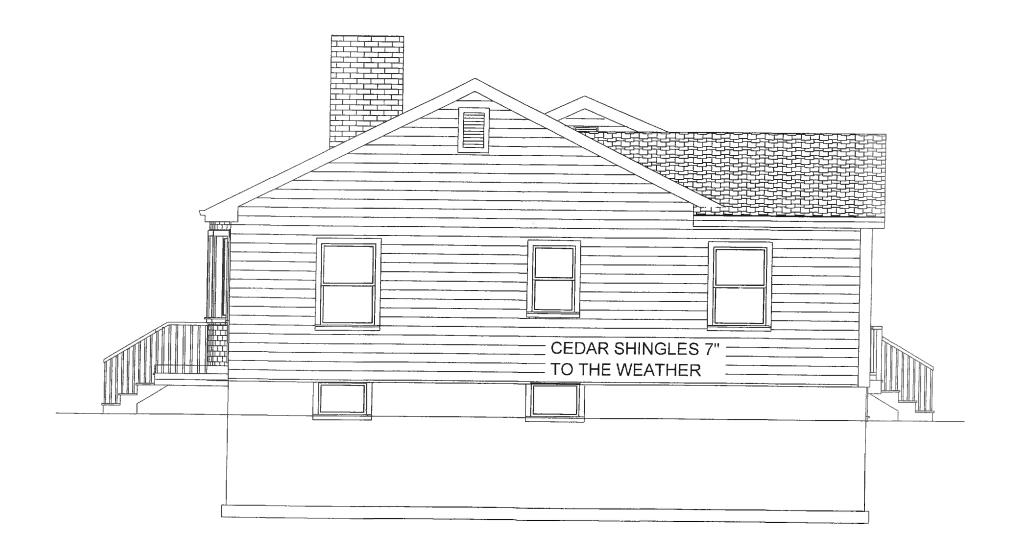
NO. 7493 BELMONT.

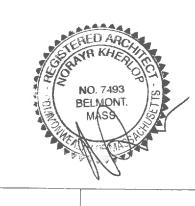


ASPHALT ROOF SHINGLES









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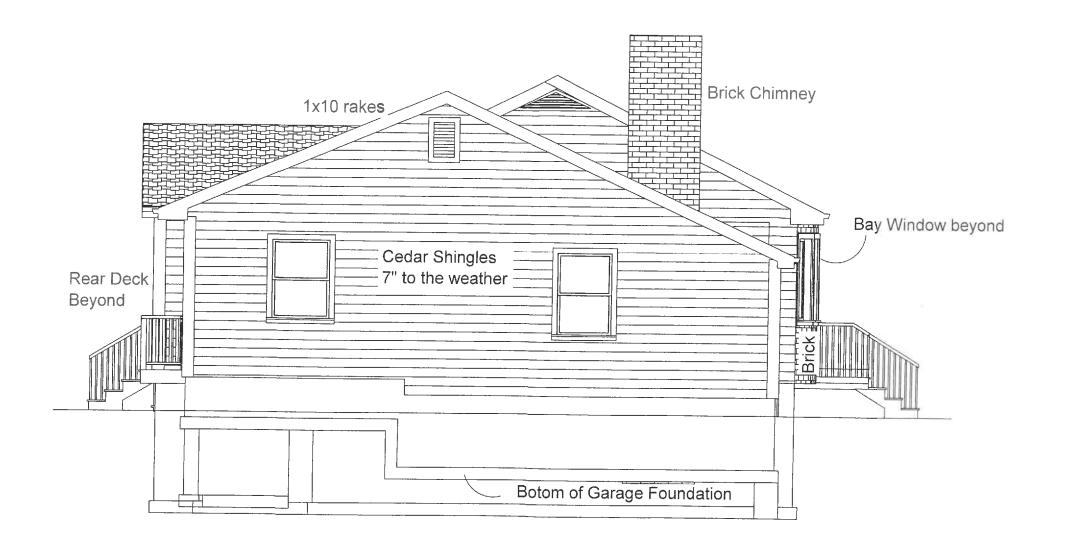
EXISTING EAST ELEVATION 3/16" =1'-0"

11/7/19

A-2.2







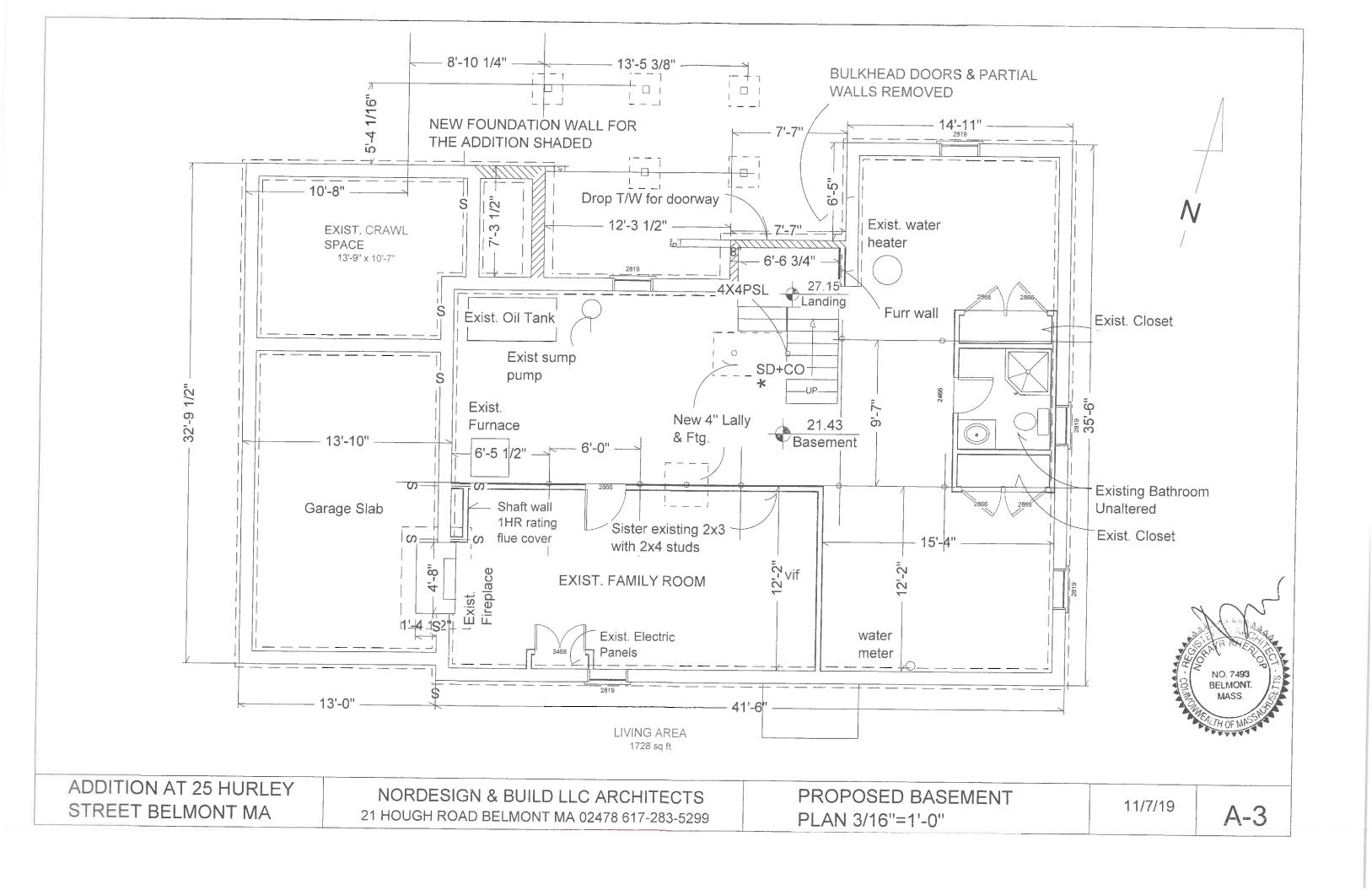


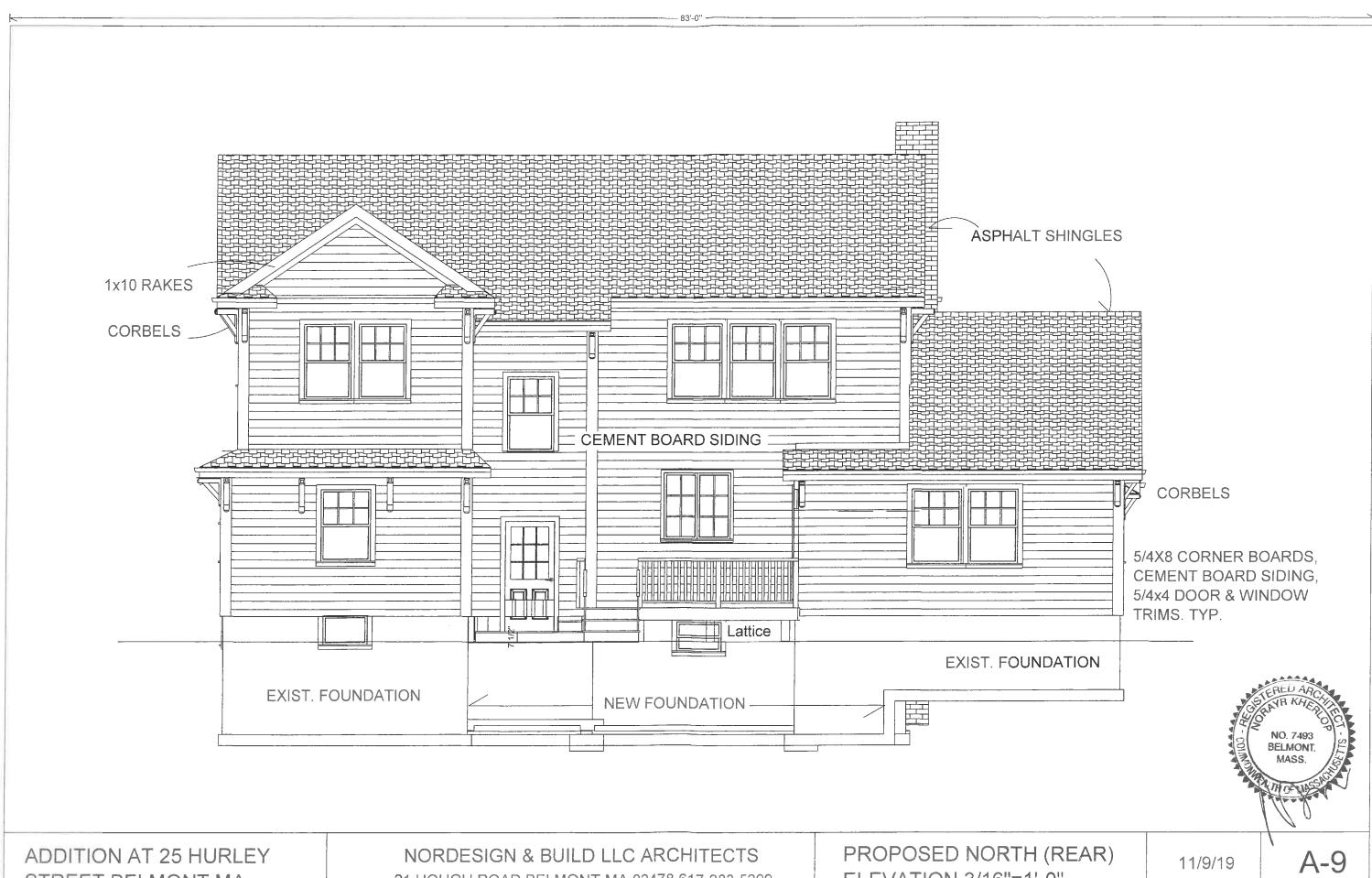
NORDESIGN & BUILD LLC ARCHITECTS
21 HOUGH ROAD BELMONT MA 02478 617-283-5299

EXISTING WEST ELEVATION 3/16" = 1'-0"

11/7/19

A-2.4





STREET BELMONT MA

21 HOUGH ROAD BELMONT MA 02478 617-283-5299

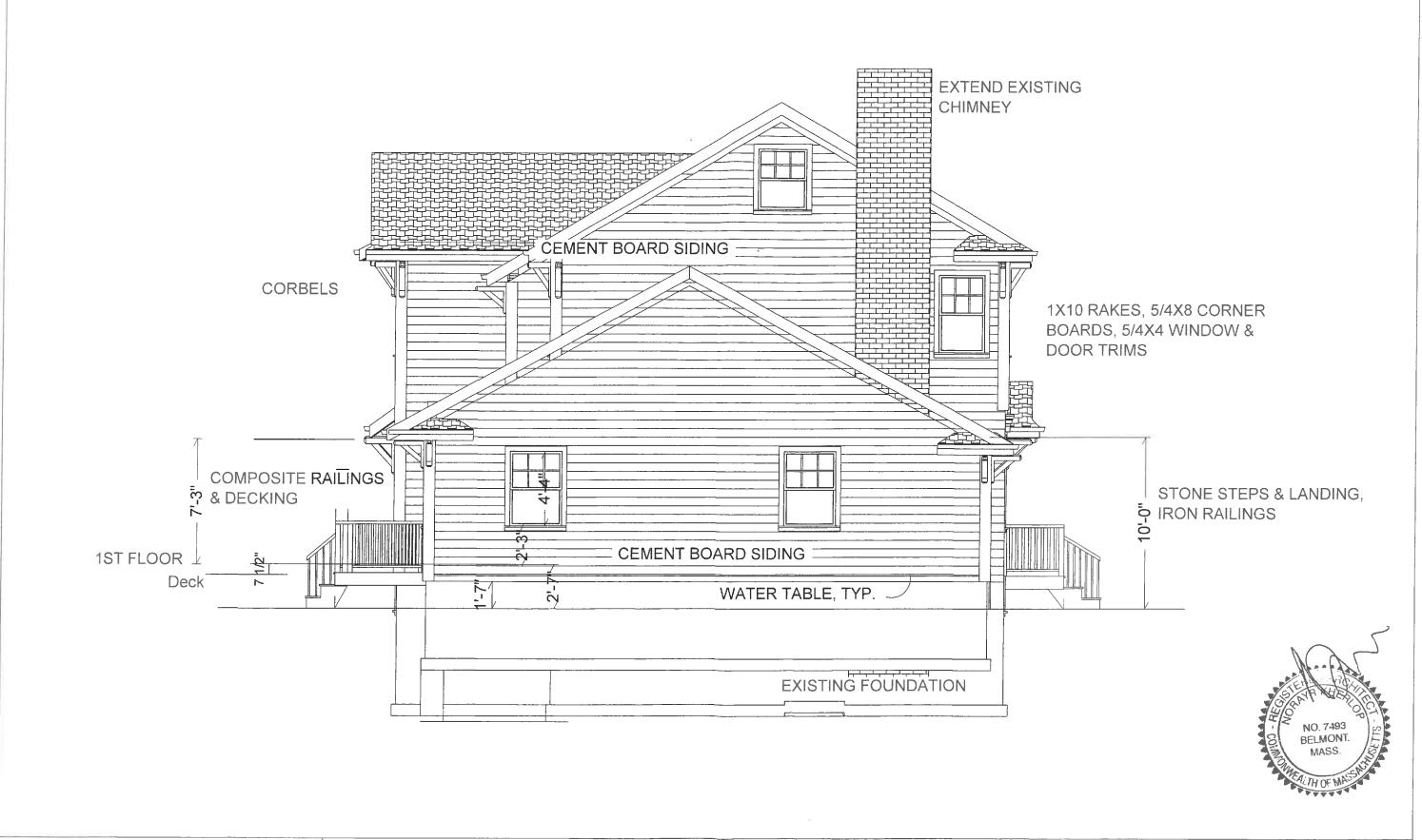
ELEVATION 3/16"=1'-0"



STREET BELMONT MA

21 HOUGH ROAD BELMONT MA 02478 617-283-5299

ELEVATION 3/16"=1'-0"



NORDESIGN & BUILD LLC, ARCHITECTS 21 HOUGH ROAD BELMONT MA 02478 617-283-5299 PROPOSED WEST ELEVATION 3/16"=1'-0"

11/7/19

A-10

