

# 2021 AUG 31 AM 9: NOTICE OF PUBLIC HEARING BY THE ZONING BOARD OF APPEALS

## ON APPLICATION FOR ONE SPECIAL PERMIT

Notice is hereby given that the Belmont Zoning Board of Appeals will hold a public hearing on Monday, September 13, 2021 at 7:00 PM by remote access through the Zoom app. to consider the application of Cedric and Gwen Dubois for One Special Permit under §1.5 of the Zoning By-Law to construct an addition at 23 Richmond Road located in Single Residence B (SRB) Zoning district. §4.2 of the Zoning By-Law Dimensional Regulations allow two and a half (2-1/2) story structures. The existing structure is three and a half (3-1/2) stories. The lowest level of the dwelling is a basement (48.94% of the foundation walls are exposed) and is considered a story. The proposed addition is a three and a half (3-1/2) story addition.

ZONING BOARD OF APPEALS





# Town of Belmont Zoning Board of Appeals

2021 AUG 31 AM 9: 41

## **APPLICATION FOR A SPECIAL PERMIT**

	Date:	07	128	202	
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Zoning Board of Appeals 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-Laws	of the Town of Belmont, I/we the
undersigned, being the owner(s) of a certain par-	cel of land (with the buildings thereon)
situated on 23 RICHMOND ROAD S	treet/Road, hereby apply to your Board
for a SPECIAL PERMIT for the erection or altera	tion on said premises or the use
thereof under the applicable Section of the Zonin	g By-Law of said Town for
construction of a home addition.	
on the ground that the same will be in harmony	with the general purpose and intent of
said Zoning By-Law	
Signature of Petitioner	
Print Name	Gwen and Cedric DUBOIS
Address	23 Richmond Rd Belmont, MA 02478
Daytime Telephone Number	781 296 9022



## 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

July 14, 2021

Cedric and Gwen Dubois 23 Richmond Road Belmont, MA 02478

RE:

Denial to Construct an Addition.

Dear Mr. and Mrs. Dubois,

The Office of Community Development is in receipt of your building permit application for your proposal to construct an addition at 23 Richmond Road located in a Single Residence B Zoning District.

Your application has been denied because it does not comply with the current Town of Belmont Zoning By-Law. More specifically, Section 4.2.2 of the Zoning By-Law Dimensional Regulations allows a maximum of 2-1/2 stories.

1. The existing structure is three and a half (3-1/2) stories. The lowest level of your dwelling is a <u>basement</u> (48.94% of the foundation walls are exposed) and is considered a story. The proposed addition is a three and a half (3-1/2) story addition.

You may alter your plans to conform to the current Town of Belmont Zoning By-Law and resubmit a building permit application, or you may request one (1) Special Permit from the Zoning Board of Appeals. If you choose this option, please contact the Office of Community Development to schedule an appointment with Ara Yogurtian, Assistant Director, at (617) 993-2650 in order to begin the process.

Sincerely,

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

Cedric and Gwen DUBOIS 23 Richmond Road Belmont, MA 02478

## Reference: Special Permit application for 3-1/2 story house extension

Dear Board Members,

We purchased our property a little more than a year ago, having decided to settle in Belmont after a period of renting here. We enjoy the town and community of Belmont so much that we decided to make it the long-term home for our family.

We fell in love with our house immediately, which, with some careful updating and modifications, could become the perfect place in which to raise our three children (aged 8, 10 and 13) and remain our family home for many years to come.

The design of our proposed extension is primarily driven by our need for an additional bedroom (we currently have three), which would enable each of our soon-to-be teenage children to have their own bedroom. We have included a mudroom and a laundry room for practical reasons, as the house as it is has neither and the laundry is currently located in a closet in the kitchen.

We therefore propose a design that includes the following, for a total livable surface increase is slightly below 700 square foot.

## Floor 1:

- a dedicated laundry room,
- a mudroom with side entrance
- enlargement of the existing dining room

## Floor 2:

- an additional bedroom with en-suite bathroom
- some reconfiguration of existing space

This special permit application is driven by the fact that our basement, like most of the basements in our neighborhood counts as a full story. To the best of our knowledge, in the past, this has led several of our neighbors to also apply for special permits in order to be able to proceed with their house extensions.

We have developed a design that we believe will maintain harmony with the neighborhood by the nature of the selected construction materials (white cedar shingles for the exterior finish along with high end Marvin windows matching the original window grid style) and with a limited size, consistent with other extension projects that can be seen in our neighborhood.

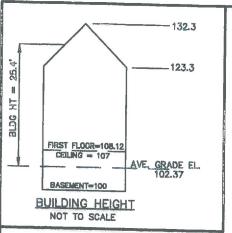
Upon completion, our addition will not generate additional traffic, parking, noise or density impact to the abutters (we will remain a single family of five), nor cause any other detrimental effects. In addition, the existing lot coverage is conforming and will remain in compliance with the by-law.

We would like to also underline that we have discussed with our property abutters and other neighbors, and that none of them has shared with us any concerns with our project.

We hope all the documents provided with this application will allow you to respond in a favorable manner to our request so we can move forward with this project, allowing us to build our family home, while continuing to improve the quality and value of properties in our neighborhood.

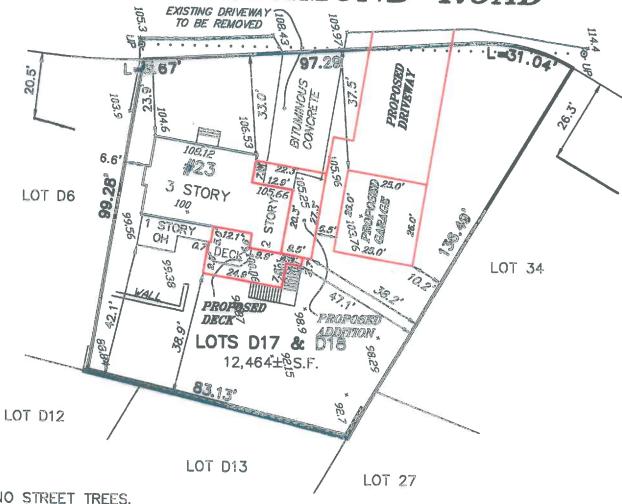
Sincerely,

Gwen and Cedric Dubois



48.94% OF BASEMENT UNDERGROUND THEREFOR BASEMENT IS A STORY

## RICHMOND ROAD



THERE ARE NO STREET TREES.

THE PROPERTY IS NOT LOCATED WITHIN WETLANDS AS SHOWN ON THE TOWN OF BELMONT WETLANDS ATLAS.

ZONING DISTRICT: SB (SINGLE RESIDENCE B)

REQ. PROP. **EXISTING** FRONT SETBACK: 23.4 23.9 33.0'

6.6 10.2 SIDE SETBACK: 10° (GARAGE) OWNER: CEDRIC & GWEN DUBOIS **REAR SETBACK:** 42.1' 30' 38.9' **CERT. 273643** 

MAXIMUM LOT COVERAGE: 25% 10.8% 20.3% MINIMUM OPEN SPACE: 50% 83.2%

71.2% LOT FRONTAGE: 135.00

TOTAL LOT AREA: 12,464± S.F.



CLIFPORD E. ROBER, PLS

3/2/2

PROPOSED PLOT PLAN #23 RICHMOND ROAD

ASSESSORS MAP 46 - PARCEL 117/118

BELMONT, MA (MIDDLESEX COUNTY)

SCALE: 1"= 30'

DATE: 3/2/2021

90 ft

60 ROBER SURVEY

1072 MASSACHUSETTS AVENUE ARLINGTON, MA 02476 (781) 648-5533

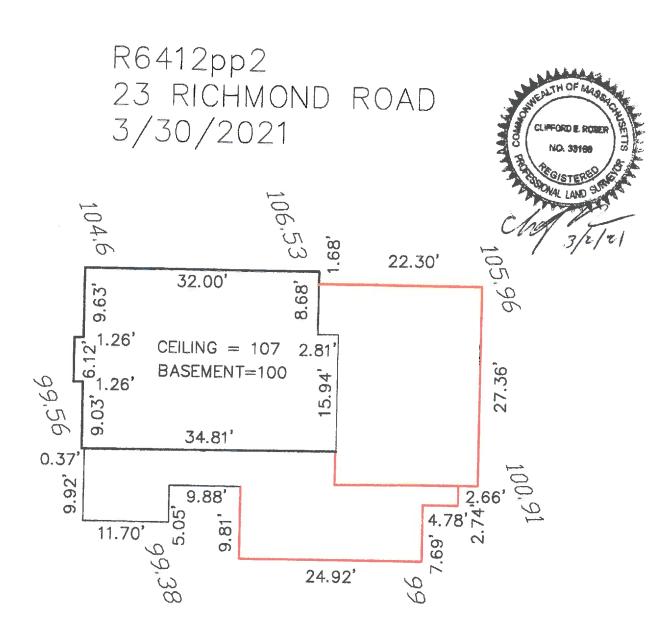
DWG. NO. 6412PP3.DWG

## **Zoning Compliance Check List**

(Registered Land Surveyor)

NO. 33189

Property Address Surveyor Signatur	Zone: <u>SE</u> Date: <u>3/2/3</u>		
	REQUIRED	EXISTING	PROPOSED
Lot Area	12,000	12,464	3.8
Lot Frontage	90'	135	
Floor Area Ratio		733	
Lot Coverage	25 %	10.00	
Open Space	50%	10.8%	20.3%
ront Setback	23.4'	83.2%	71.200
Side Setback	10'	23.9	33.
Side Setback			10.2' (garag
Rear Setback	10	6.6	e la constante de la constante
Building Height	30'	42.1'	38.9'
Stories			
Story alculation		- 0	
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Segment	Ceiling Elevation		Elevation		Ceiling		Square	Exposed Square	
A			To	Length	Height		Footage	Footage	% Covered
	107		100.06	34.81		7	243.67	250.28	0.00%
В	107	107	107	15.94		7	111.58	0.00	100.00%
C	107	106.53	106.53	2.81		7	19.67		93.29%
D	107	106.53	106.53	8.68		7	60.76		93.29%
E	107	106.53	104.6	32.00		7	224.00		79,50%
F	107	104.6	104.6	9.63		7	67.41		65.71%
G	107	104.6	104.6			7	8.82		
H	107	104.6	99.56			7	42.84		65.71%
1	107	99.56	99.56					0012407	29.71%
}	107	99,56	99.56			7	8.82	9.3744	0.00%
		99.56	33.36	9.03		7	63.21	67.1832	0
	107			121.54		7	850.78	434.41	48.94%

Ceiling Height: Basement Floor Elevation Ceiling Elevation Perimeter Total Length Total Perimeter Square Foot	7 <- enter 100 <- enter 107 121.54 850.78
Exposed Square Footage	434.41
% Covered	48.94% <- result

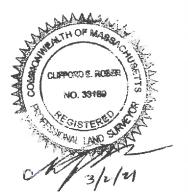
North	South	East	West
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#REF1	#REF!	#REFI	#REF1
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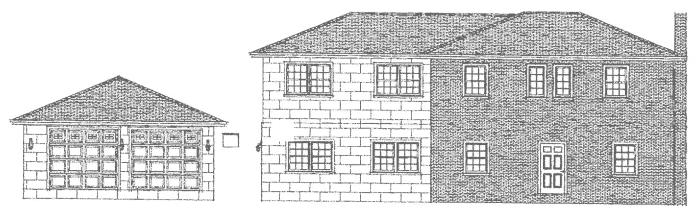


LL 100.91 100.91 100.91 100.91 2.66 268.4206 268.4206 0.00 100.91 100.91 105.96 105.96 27.36 2829.982 2829.982 0.00 MM 105.96 105.96 106.53 106.53 106.53 22.3 2369.264 2369.264 0.00 106.53 106.53 106.53 106.53 106.53 1.68 178.9704 178.9704 0.00 106.53 106.53 106.53 104.6 104.6 32 3378.08 3378.08 0 QQ 104.6 104.6 104.6 104.6 9.63 1007.298 1007.298 0 QQ 104.6	Segment AA BB CC DD EE FF GG HH II JJ KK	Segment From Existing Grade  99.56  99.56  99.38  99.38  99.38  99.38  100.91  100.91	99.56 99.56 99.56 99.38 99.38 99.38 100.91 100.91	99.56 99.56 99.38 99.38 99.38 100.91 100.91	99.56 99.56 99.38 99.38 99.38	Length  0.37  9.92  11.7  5.05  9.88  9.81  24.92  7.69  4.78	Existing 36.8372 987.6352 1164.852 501.869	987.6352 1164.852 501.869 981.8744 974.9178 2495.613 775.9979 482.3498	0.00
200.16 20491.45 20491,45 0	OO PP QQ RR SS	106.53 106.53 104.6 104.6 104.6 99.56	106.53 106.53 104.6 104.6 104.6 99.56	106.53 104.6 104.6 104.6 99.56	106.53 104.6 104.6 104.6 99.56	1.68 32 9.63 1.26 6.12 1.26 9.03	178.9704 3378.08 1007.298 131.796 624.7296 125.4456 899.0268	178.9704 3378.08 1007.298 131.796 624.7296 125.4456 899.0268	0.00 0 0 0 0 0

Ceiling Height:	7
Basement Floor Elevation	100
Cailing Elevation	107
Perimeter Total Length	200.16
Total Perimeter Square Foot	1401.12
Average Existing Grade	102.38
New Average Grade	102.38
Difference in Grade in feet	11.00
	The second second

% Covered using Avg Grade 33.93%

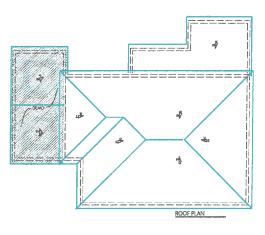


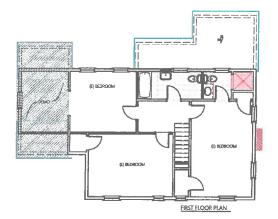


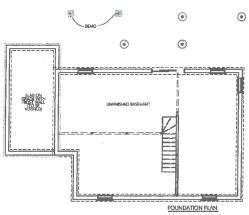
23 Richmond Rd – Proposed Project – Road view

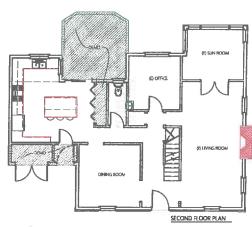


23 Richmond Rd – Proposed Project – Backyard view









DEMO PLANS

### **GENERAL NOTES**

- 1. THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, THEY DO NOT INDICATE THE MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO: BRACING, SHORING OF LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE A/E SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL DIMENSIONS WITH DRAWINGS PRIOR TO THE START OF CONSTRUCTION & RESOLVING ANY DISCREPANCIES WITH THE A/E.
- 3. ALL DIMENSIONS ARE TO THE FACE OF FRAMING MEMBERS OR FOUNDATION, UNLESS OTHERWISE

## JURISDICTIONAL CODE & DESIGN CRITERIA

2015 INTERNATIONAL RESIDENTIAL CODE (IRC)

2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

2009 INTERNATIONAL ENERGY CONSERVATION CODE WITH MASS AMENDMENTS

2015 INTERNATIONAL MECHANICAL CODE

### ASHRAE

62.1 - 2013 VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY

62.2 - 2013 VENTILATION AND ACCEPTABLE INDOOR AIR QUALITY IN LOW-RISE RESIDENTIAL BUILDINGS

90.1 - 2013 ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS

### ASTM E-1465-08

STANDARD PRACTIVE FOR RADON CONTROL OPTIONS FOR THE DESIGN AND CONSTRUCTION OF NEW LOW-

RISE RESIDENTIAL BUILDINGS.

2018 NFPA 1 & 101

2017 NATIONAL ELECTRIC CODE

2015 UNIFORM PLUMBING CODE

### 32 M.R.S.

1153-A ELECTRICAL STANDARDS

3403-B PLUMBING CODE

2353 OIL AND SOLID FUEL BURNING EQUIPMENT STANDARDS

14804 PROPANE AND NATURAL GAS EQUIPMENT STANDARDS

15104-A BOILER AND PRESSURE VESSEL STANDARDS

2452 & 2465 FIRE SAFETY CODE

## LIFE SAFTEY/EGRESS REQUIREMENTS

1. ALL DOORS, WINDOWS, STAIRS, LANDINGS, WALLS AND CEILINGS SHALL COMPLY WITH THE EGRESS REQUIREMENTS OF SECTION 311 OF THE IRC.

2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FIRE RESISTANT REQUIREMENTS OF SECTION 302 OF THE IRC. ALL EXTERIOR WALLS AND OPENINGS SHALL COMPLY WITH THE REQUIREMENTS OF TABLE 302.1 3. ALL SMOKE ALARMS, CARBON MONOXIDE DETECTORS, OR HEAT DETECTORS INDICATED ON THE DRAWINGS SHALL BE HARDWIRED TOGETHER AND TO THE EXISTING SYSTEM WITH BATTERY BACKUP SMOKE ALARMS SHALL BE PHOTOELECTRIC.

## **MISCELLANEOUS**

1. SAFETY GLAZING SHALL BE PROVIDED, WHEN REQUIRED, IN ACCORDANCE WITH SECTION 308 OF THE IRC.

2. CRAWLSPACES SHALL BE VENTILATED IN ACCORDANCE WITH SECTIONS 408.1 & 408.4 OF THE IRC.

## DOORS AND WINDOWS

1. ALL DOORS SHALL MEET MINIMUM CODE REQUIREMENTS, AND MATCH ELEVATIONS AS FAR AS PRACTICABLE.

2. ALL DOORS IN FIRE RATED CONSTRUCTION SHALL BE UL RATED AS REQUIRED.

1. APPLY ROOFING IN CONFORMANCE WITH IRC SECTION 905. BALCONIES, LANDINGS, EXTERIOR STAIRWAYS, OCCUPIED AND FLAT ROOFS, AND SIMILAR SURFACES EXPOSED TO THE WEATHER SHALL WATERPROOFED AND SLOPED A MINIMUM OF 1/4" PER FOOT (2%) FOR DRAINAGE.

2. ROOFING SHALL BE 30 YEAR CERTAINTEED ARCH. SHINGLES, OR APPROVED ALTERNATIVE.

## SIDING AND EXTERIOR FINISHES.

- 1. SIDING SHALL WHITE VINYL, WITH PRIMED WOOD TRIM MOULDING, OR COMPOSITE MOULDING.
- 2. STEPS AND DECKING SHALL BE TREX COMPOSITE DECKING.
- 3. BALUSTERS AND RAILINGS SHALL BE WOOD,
- 4. LIGHTING FIXTURES SHALL BE PER OWNER REVIEW.

HEATING SHALL BE DUCTED/FORCED AIR SUPPLIED BY GEOTHERMAL SOURCES WITH PROPANE BACKUP.

NEW PLUMBING SHALL MEET ALL APPLICABLE CODES AND STANDARDS.

COORIDINATE SEWER ELEVATIONS WITH APPROPRIATE TOWN OFFICIAL, AND INSTALL PUMP(S) WHERE NECESSARY.



WALTMAN STRUCTURAL SERVICES Office edge Is, ME 207 207 207



DUBOIS RESIDENCE
ADDITION & DETACHED GARAGE
23 RICHMOND RD.
BELMONT, MA 02478

**PLANS** & DEMO DEAMING NAME OF SET SET SET SET OF SET OF SET OF SET OF SEALS AS NOTED SCALE: AS NOTED

SHEET NO.

## FIRST FLOOR PLAN SCALE: 1/4" = 1'-0"

TOTAL NEW AREA = 349 SF

SA) SMOKE ALARM

CO CARBON MONOXIDE DETECTOR

(LD) HEAT DETECTOR





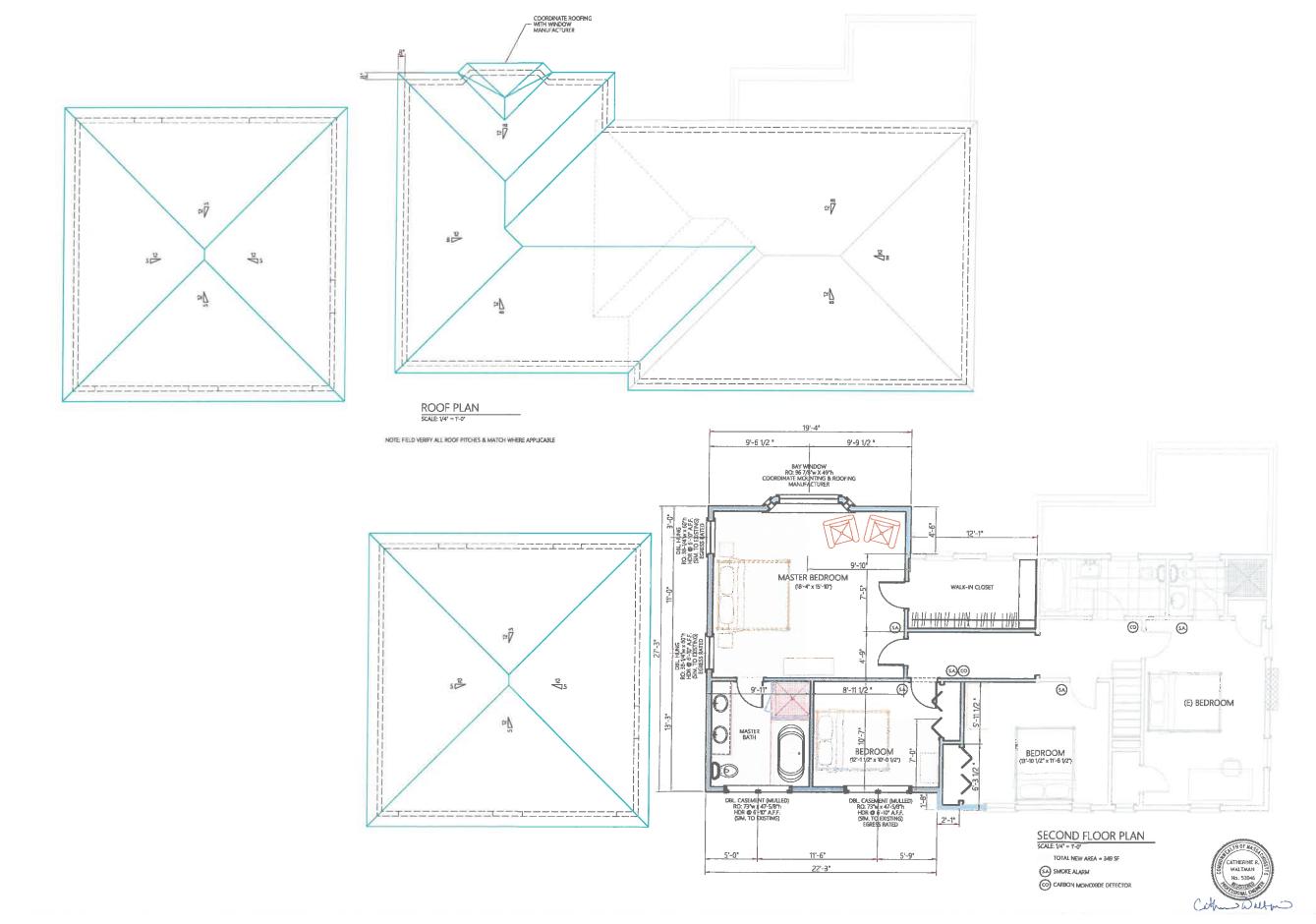
WALTMAN STRUCTURAL SURVICES

MA Office NE Office
32A Falmont Street 105 Leage Drive
Afrington, MA 02474 124 (207) 344-7124
(971) 344-7124
Waltmankfundtral com

DUBOIS RESIDENCE
ADDITION & DETACHED GARAGE
23 RICHMOND RD.
BELMONT, MA 02478

DRIVENS NAME SA 2021
PRINT DATE: Monday, Ame 28, 2021
SCALE: AS NOTED

A1



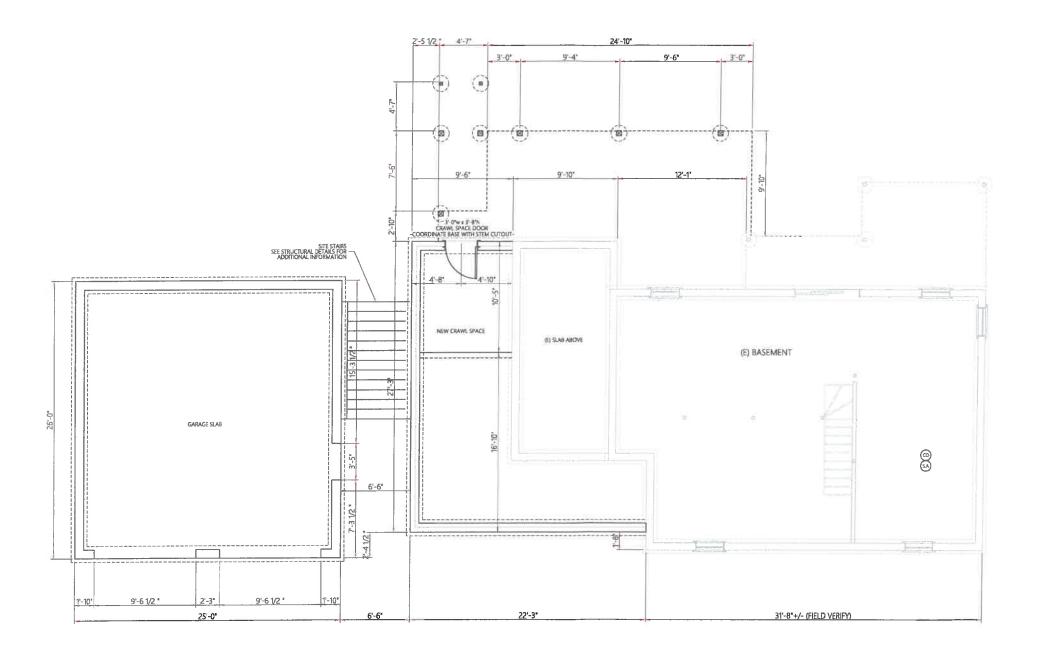
WALTMAN STRUCTURAL SERVICES

MA Office NE Office 105 Ledge Drive Arlington, MA 02474 Leeds, ME 04263 (971) 3447124 (207) 370-0801 WebstransStructural.com

DUBOIS RESIDENCE ADDITION & DETACHED GARAGE 23 RICHMOND RD. BELMONT, MA 02478

SECOND FLOOR & ROOF PLAN
PRINT DATE MONDAY, June 28, 2021
SCALE: AS NOTED

A2



FOUNDATION PLAN
SCALE: V4' = 1'-0'

NOTE: SEE STRUCTURAL DRAWINGS FOR FOUNDATION DETAILS AND FOOTING SIZES.

SMOKE ALARM

CARBON MONOXIDE DETECTOR



DUBOIS RESIDENCE ADDITION & DETACHED GARAGE 23 RICHMOND RD. BELMONT, MA 02478

WALTMAN STRUCTURAL SERVICES

MA Office
32A Fairmont Street
105 Ledge Drive
Aningson, MA 02474 Ledge Brive
Aningson, MA 02474 Ledges, ME 02483
(971) 3447124
(977) 3447124

SHEET NO.

DEAMING BUNE
FOUNDATION PLAN
PRINT DATE. MONGLY, JUNE 28, 2021
SCALE: AS NOTED







DUBOIS RESIDENCE
ADDITION & DETACHED GARAGE
23 RICHMOND RD.
BELMONT, MA 02478

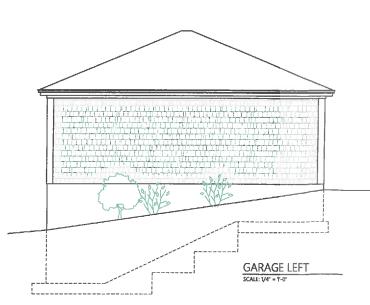
WALTMAN STRUCTURAL SERVICES

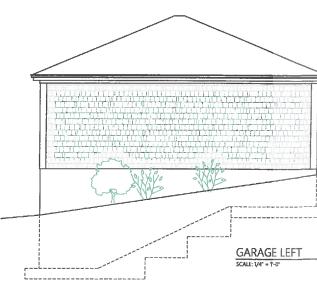
MA Office
32A Fairmont Street
Adilingrow, MA 02474
Leeds, ME 04263
(97) 344-7124
WaltmanStructural.com

DRAWING WAVE
ELEVATIONS
PRINT DATE, Monday, June 28, 2021
SCALE, AS NOTED SHEET NO. **A4** 

PROVIDE RAILINGS EA. SIDE

GARAGE RIGHT





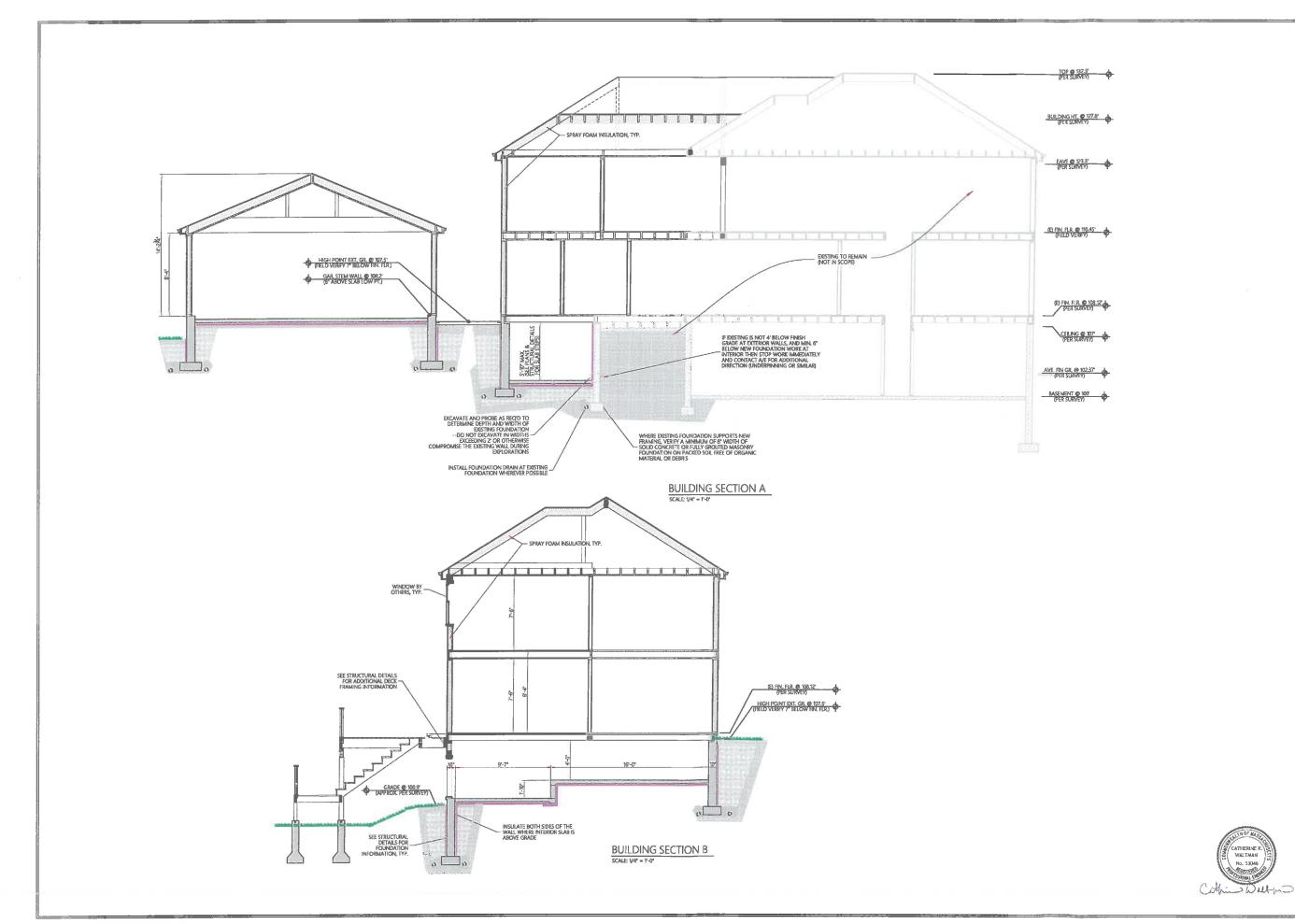


DUBOIS RESIDENCE ADDITION & DETACHED GARAGE 23 RICHMOND RD. BELMONT, MA 02478

DEAWHING NAME ELEVATIONS
PRINT DATE: Monday, June 28, 2021
SCALE: AS NOTED

SHEET NO.







SECTIONS
PRINT DATE: Monday, June 28, 2021
SCALE: AS NOTED

SHEET NO. A6

CATHERINE R. WALTMAN No. 53046

WALTMAN STRUCTURAL SERVICES
MA Office
32A Fairmont Street 105 Ledge Drive
Afrington, MA 02474 Leeds, ME 04263 (97) 344-7724 (207) 370-0801
WaltmanStructural.com







Street view – 23 Richmond Rd



Backyard view 23 Richmond Rd Walkout basement – 1 story



Walkout basement – 1 story – 17 Richmond Rd



Walkout basements – 1 story – 37 & 43 Richmond Rd



107 Rutledge Road



222 Clifton Road



115 Rutledge Road



54 Clairemont Road



71 Rutledge Road



87 Rutledge Road



88 Rutledge Road

63 Rutledge Road





88 Prospect Road

76 Lawrence Lane



21 Kenmore Road