

2023 AMS 29 AM 9: 44

NOTICE OF PUBLIC HEARING BY THE ZONING BOARD OF APPEALS

ON APPLICATION FOR TWO SPECIAL PERMITS

Notice is hereby given that the Belmont Zoning Board of Appeals will hold a public hearing on Monday, October 2nd, 2023 at 7:00 PM by a hybrid public hearing at the Art Gallery on the third floor of the Homer Building, 19 Moore Street, and by remote access through the Zoom app. to consider the application of Austin and Monica Kim, for TWO Special Permits under section 1.5 of the By-Law to construct dormers located at 200 Beech Street located in General Residence (GR) Zoning District. Special Permits: (1) §4.2.2 of the By-Law allows for a maximum building height of two and a half (2-1/2) stories. The existing structure is three and a half (3-1/2) stories since the lowest level of the dwelling is a basement (47.15% of the foundation walls are below grade) and is considered a story. The proposed dormers are located at the three and a half (3-1/2) story level. (2) requires a minimum side setback of 10.0°, the existing side setback is 1.6° and the proposed side setback is 2.0°.

ZONING BOARD OF APPEALS



Town of Belmont Zoning Board of Appeals

APPLICATION FOR A SPECIAL PERMIT

	Date: Jug 3, 2023
Zoning Board of Appeals Homer Municipal Building 19 Moore Street Belmont, MA 02478	
To Whom It May Concern:	
Pursuant to the provisions of Massachuset Section 9, as amended, and the Zoning By-Laws undersigned, being the owner(s) of a certain parcisituated on Strategy Strate	of the Town of Belmont, I/we the el of land (with the buildings thereon) reet/Road, hereby apply to your Board ion on said premises or the use By-Law of said Town for
on the ground that the same will be in harmony visaid Zoning By-Law.	with the general purpose and intent of
Print Name Address	Austin Kim 200 Beech St Belmont and 02478
Daytime Telephone Number	



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 2, 2023

Austin Kim and Monica Kim, 200 Beech Street Belmont, MA 02478

RE: Denial to construct dormers

Dear Mr. and Mrs. Kim,

The Office of Community Development is in receipt of your building permit application to construct dormers at 200 Beech Street located in a General Residence (GR) 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 building height of two and a half (2-1/2) stories and requires a minimum side setback of 10.0".

- 1. The existing structure is three and a half (3-1/2) stories. The lowest level of the dwelling is a basement (47.15% of the foundation walls are below grade) and is considered a story. The proposed dormers are located at a three and a half (3-1/2) story level.
- 2. The existing right side setback is 1.6' and the proposed right side setback is 2.0'.

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 Two (2) 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 **Gabriel S. Distler**, Staff Planner, at (617) 993-2666 or gdistler@belmont-ma.gov in order to begin the process.

Sincerely,

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

Request for Special Permit Re: 3 1/2 Story Structure

Submitted by
Austin Kim
Owners of
200 Beech Street, Belmont MA 02478

We propose to add dormer expansions to our home at 200 Goden Street in Belmont. The new space will include, three bedrooms, two bathrooms, eave closets and mechanical space. We would like to note that we have spoken with and acquired signatures of support from our neighbors and have endeavored to create a design which is harmonious with the existing house, neighborhood and adjacent houses.

We have lived in our two family 3-bedroom home for over three years with our growing family. We had a fire which destroyed the third floor with water damage to the floors below. Initially we wanted to repair things as soon as possible but with the advent of covid, a growing family and ongoing work changes we found that we need more space in the house. We felt that dormering our home would allow us the space needed. In addition, our home was built in 1906 when closets were built very small and bathroom space was limited. Our hope is to make our home comfortable for modern "work from home" living.

We have worked with Keith Miller of Miller Design, a local Belmont architect to review options for creating the space we needed. We explored other schemes but felt that the addition of side facing dormers was the best way to retain the look and massing of the homes on Beech Street. We would also like to note that we included images of other similar structures with added top story or side facing dormers in our neighborhood.

The original building permit application was declined because our basement in the GR zoning district is 47.15% exposed and thus considered a story (though from the Beech Street elevation our home appears to be only two and a half stories). This makes the existing house a non-conforming 3 ½ story structure exceeding the 2 ½ story limit set forth in the Belmont Zoning By-lay section 4.2.2. for any expansion of the top story. In addition, there is an easement on the driveway side of the property which places the house 1.6' from the property line and the new dormer 2' from the property line. Our understanding is that this easement is for the Wellington culvert which runs underground. In reality, the house sits 27.8' from the neighbors (A distance which easily complies with (2) 10' setbacks as otherwise required by zoning.) Our proposed addition does not raise the ridge above its existing height above grade of 34.1' feet, which conforms with zoning height requirements. The design of the level is in full compliance with the guidelines set forth for half stories/dormers in Belmont. We are asking the Zoning Board of Appeals to grant us a special permit allowing us to build this dormer addition to the top floor of our home. It is our belief that the proposed addition is in keeping with the character of the neighborhood and not detrimental to the community.

200 and 202 Beech



DISTANCE BETWEEN HOUSES 27.8'



NEIGHBORHOOD HOUSE - DORMER

237 Beech



NEIGHBORHOOD HOUSE - 3 STORY



182 Beech



NEIGHBORHOOD HOUSE - DORMER



NEIGHBORHOOD HOUSE - 3 1/2 STORY

161 Beech



NEIGHBORHOOD HOUSE - DORMER



Zoning Compliance Check List

Properties Located within the GR Zoning Districts
(To be Completed by a Registered Land Surveyor)

Property Address:	Beech STreet		
Surveyor Signature and Stam	¥ "	p	5/21/223
	and .	h	7 17 04 2 3

			A Vis	LIGIO.
	Per §	4.2 of the Zoni	ng By-Laws	
		REQUIRED	EXISTING	PROPOSED
Lot Area	(sq. ft.)	7.000	3435	FROFUSED
Lot Frontage (feet)		70		+
Lot Area/	Jnit (sq. ft./d.u.)	1	38.59	1001
Lot Cover	age (% of lot)	30%	7000	
	ce (% of lot)	40%	38.9%	
	➢ Front	9.25	43.67.	
Setbacks: (feet)	➤ Side/Side	10 10		2/.7
	> Rear	16.36	1.6 3.6	2.0 13.7
Building	> Feet	33	23.4	37.5
Height:	> Stories	الدون	28.4	- "
1/2 Story	> Perimeter		<i>*</i>	
(feet)	> Area			
(Per §1.4)	> Length			-
	Per §6	D of the Zoning	Bv-Laws	
		REQUIRED	EXISTING	PROPOSED
Front	> Face Street			PROPOSED
Doors:	> Setback			
Curb Cut				
	> Front Yard			
IVAC;	➤ Side/Rear Setbacks			

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

			Segment To							
4	Segment From Existing	Segment From Now	Existing	Segment To	Segment	Avg				
Segment	Grade	Grade	Grade	Now Grade	Length	Existing	Ave New	Difference	Colling Height:	
AA	99.15	99.15	99.15	99.15	9,68	959.772	-	7.7	Basement Floor Elevation	6.9
Bis	99.19	99.15	99.15	99.15						95,4
CC	99.15	99.15							Celling Elevation	102.3
DO	98.66			98,73	6.8	40			Perimeter Total Langth	167.21
EE	98.73			98.09					Total Perimeter Square Foot	1153.75
FF	98.09				35.39	3482.73	- 1 - m w	0.00	Average Existing Grade	98.67
GG		30.02		98.09	0.23			0.00	New Average Grade	98.67
HH	98.09	56305		98.09	6.8	667.012	667.012	0.00	Ofference in Grade in feet	0,00
	98.09		98.44	98.44	24.57	2414.371	2414.371	0.00		
68	98.44	98.44	98.93	98.93	26.11	2576.665	2576.665	0.00		
)1	98.93	98,93	98.93	98.93	10.04	993.2572	993.2572			
	98.93	28.93	99.15	29.15	16.09	1593.554		0	% Covered using Ava Grade	47.36%
					267.71	16498.33	15498 22	ń	to macons rete mistered based was support	44.00.0

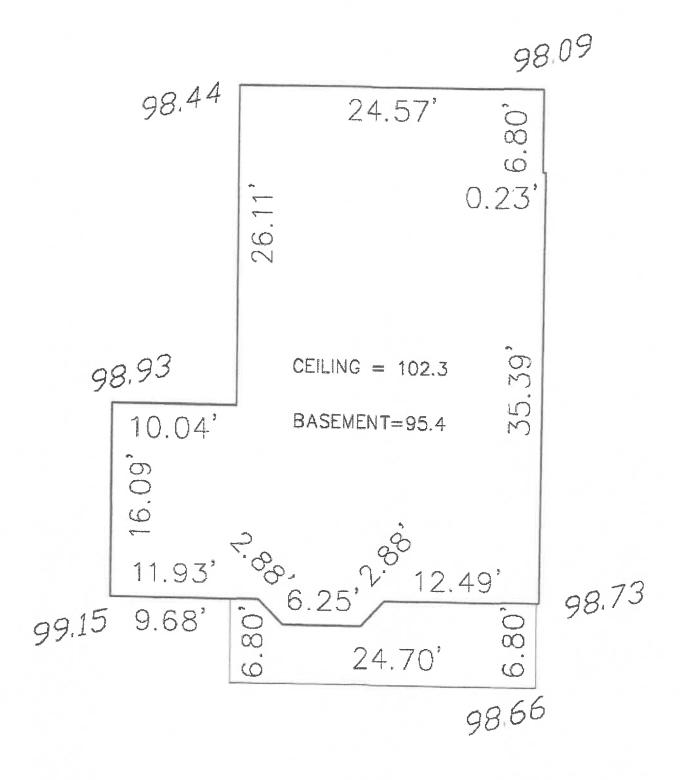
Set 1/25/2023

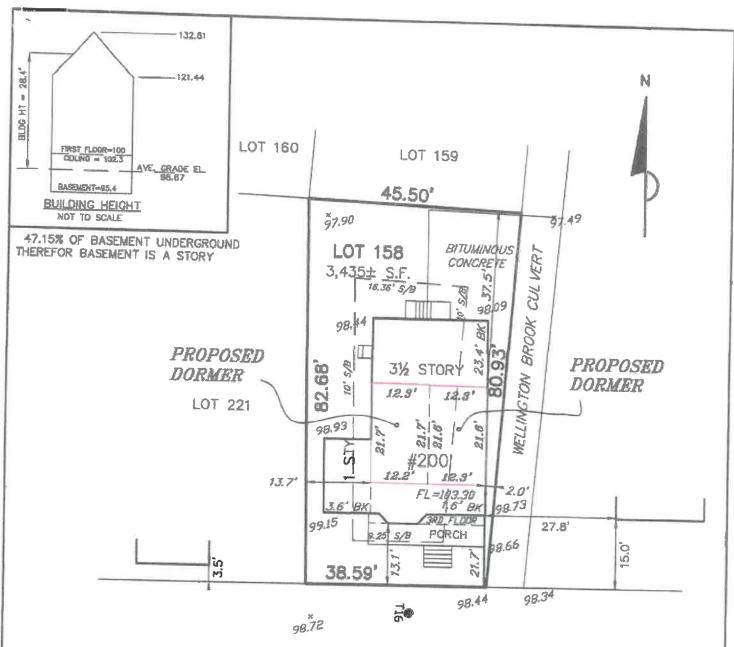
Segment	Ceiling Elevation	Elevation From	Elevation To	Length	Celling Height	Square Footage	Exposed Square Footage	% Covered
A	107.3	99.15	99.15	11.93	6.9	82,32	37,58	54.35%
6	102.3	99.15	99,15	2.88	6.9	19.87	9.07	54.35N
C	102.3	99.15	99.15	6,25	6.9	43.13	19.69	54.35%
D	102.3	99,15	98.73	2.88	6.9		9.68	51,30%
E	102.3	98.73	98.73	12.49	6.9	86,18	44.59	48,26%
F	1023	98.73	98,09	35,39	6.9	244.191	137.6671	43.62%
G	102.3	98.09	98.09	0.23	6.9	1,59	0.97	38.99%
H	102,3	98.09	98.09	6.8	6.9	46.92	28.528	38.99%
H	E.50f	98.09	98,44	74,57	5.9	169.53	99.14	41.52%
H	102,3	98.44	98.93	25.11	6.9	100.159	94.38765	47.63%
H	102.3	98.93	98,93	10.04	6.9	69.276	33.8348	51.16%
rł .	102.3	98.93	99.15	16.09	6.9	111.021	52,4534	52.75%
	102.3			155.66	6.9	1074.05	567.68	47.15%

Celling Height:	6.9	<- enter	North	South	East	West
Camement Floor Elevation	7.29	<- enter	anef i	WHEFI	HREF	MREF
Celling Stayation	102.3		MAEFS	RREFI	MREFI	WREF1
Perimeter Total Length	155.66		0.00	0.00	0.00	0.00
Total Perimeter Square Foot	1074.05		0.00	0.00	0.00	0.00
Exposed Square Footage	567.68		0.00	0.00	0.00	0.00
% Covered	47.15%	<- result	MREFF	TREFT	MREFI	#REF
			AREFI	#REF!	HREFI	#REF!
			WREFT	HREF	MREF	MREFI
			URFFI	AREFI	ARLEFT	MEFT
			meter	MAEFI	MREF	HHEFI
			BREF	MREFT	HREFI	MARCH

5/25/2023

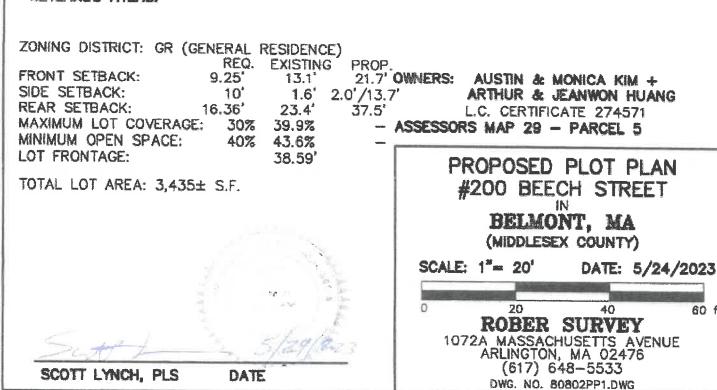
R80802PP2 05/25/2023 #200 BEECH STREET





BEECHSTREET

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



60 ft







GROSS AREA CALCUATIONS		
BASEMENT FLOOR AREA	1324 SQFT	
FIRST FLOOR AREA	1185 SQFT	
SECOND FLOOR AREA	1093 SQFT	
THIRD FLOOR AREA (ABOVE 6'-0")	290 SQFT	
ADDITIONAL GROSS AREA () =	285 SQFT	
EXISTING GROSS AREA (MEASU	RED) 3,892 SQFT	
285 SQFT / 3,892 SQFT = 7% INCF	REASE (COMPLIES)	
SPECIAL PERMIT REQUIRED UNDER 300SQFT	= ZONING BOARD APPROVAL	
HALF STORY/DORMER CALCULA	TION	
SECOND FLOOR	1093 SQFT	
EXISTING HALF STORY OVER 5'-0"	358SQFT	
NEW HALF STORY OVER 5'-0"	581 SQFT	
1093 SQFT X 60% = 772SQFT ALLOWED THEREFOR COMPI		
PERIMETER DORMER CALCULAT	ION	
SECOND FLOOR	138'-7"	
DISTANCE WITH RAFTERS AT 3' OF GREATER	59'-9 3/4" SQFT	
ALLOWABLE LENGTH OF WALLS WITH RAI GREATER = 138'-7" X 50% = 69'-4" ALLOW		
DORMER LENGTH CALCULATION		
EXISTING ROOF LINE	33'-0"	
WEST DORMER	21'-9 1/2"	
EAST DORMER 21'-6"		

ALLOWABLE LENGTH OF DORMER = 33'-0" X 75% = 24'-8" MAXIMUM

ZONING REVIEW AUGUST 11, 2023

REPAIR FIRE DAMAED PROPOERTY WITH MINOR ADJUSTMENTS AND NEW 1/2 STORY DORMER ADDITION

DRAWING LIST

- A1 COVER SHEET
- A2 EXISTING BASEMENT / FIRST FLOOR PLANS
- A3 BASEMENT AND PROPOSED FIRST FLOOR
- A4 EXISTING SECOND FLOOR & ATTIC PLANS
- A5 PROPOSED SECOND FLOOR & ATTIC PLANS A6 EXISTING ROOF PLANS AND ZONING
- A7 PROPOSED ROOF PLAN & WALL DETAIL
- A8 EXISTING ELEVATIONS
- A9 PROPOSED ELEVATIONS
- A10 EXISTING ELEVATIONS
- A11 PROPOSED ELEVATIONS

SYMBOL LEGEND WALL TO BE DEMOLISHED EXISTING WALL TO REMAIN NEW WALL A12 A12 A12 DOOR TAG WINDOW TAG

RECESSED CAN LIGHT AS SELECTED

WALL MOUNTED SCONCES AS SELECTED BY OWNER

PROJECT INFORMATION: PER ZONING AMENDMENTS DATED 01/07/2021 BELMONT ZONING DISTRICT GR:

FRONT YARD SETBACK: 9.25' (BEECH UNCHANGED) - 13.1' CONFORMING REAR YARD SETBACK: 16.36' (UNCHANGED) - 23.4' CONFORMING SIDE YARD SETBACK: 10' (UNCHANGED) - 1.6' NON-CONFORMING' FRONTAGE: 50'-0" (EXISTING 38.5' NON-CONFORMING)
LOT AREA: 50'00SQFT (UNCHANGED) 343SSQFT EXISTING NON CONFORMING MAX HEIGHT: 33'/2.5 STORIES (28.4'/3.5STORIES CHANGED NONCONFORMING) NEW GROSS AREA ON ONCONFORMING PROPERTY <300SQFT

SEE A4 FOR GROSS AREA CALCS SEE A8 FOR DORMER CALCS

ENERGY AUDIT:

COMPLIANCE DETERMINED BY MASSACHUSETTS STRETCH ENERGY CODE (IRC 2021 W/ MASSACHUSETTS AMENDMENTS SECTION N1101). PROPERTY FALLS UNDER CLIMATE ZONE 5A.

PRESCRIPTIVE OPTION FOR RESIDENTIAL ADDITION (401.3):

- 1. RENOVATION TO COMPLY WITH ENERGY STAR QUALIFIÉD HOMES THERMAL BYPASS INSPECTION CHECKLIST. INSULATION VALUES AS FOLLOWS: R60 ROOF R-VALUE, R20+5 WALL R-VALUE, R30 FLOOR R-VALUE, R10 CRAWL SPACE WALL R-VALUE.
- 2. RENOVATION TO COMPLY WITH ENERGY STAR PROGRAM REQUIREMENTS FOR RESIDENTIAL WINDOWS, DOORS, AND SKYLIGHTS VERSION 5.0. ALL NEW WINDOW GLAZING W/ .30 U FACTOR. SKYLINGTS .55
- 3. HEATING / COOLING DUCTS TO BE SEALED AND TESTED TO MEET REQUIREMENTS OF 401.3.



Architect: Miller Design LLC 80 Clark Street Belmont MA 02478 617-993-3157

 Date:
 Issued for:

 07/06/23
 SCHEMATIC DESIGN

 07/20/23
 DESIGN DEVELOPMENT

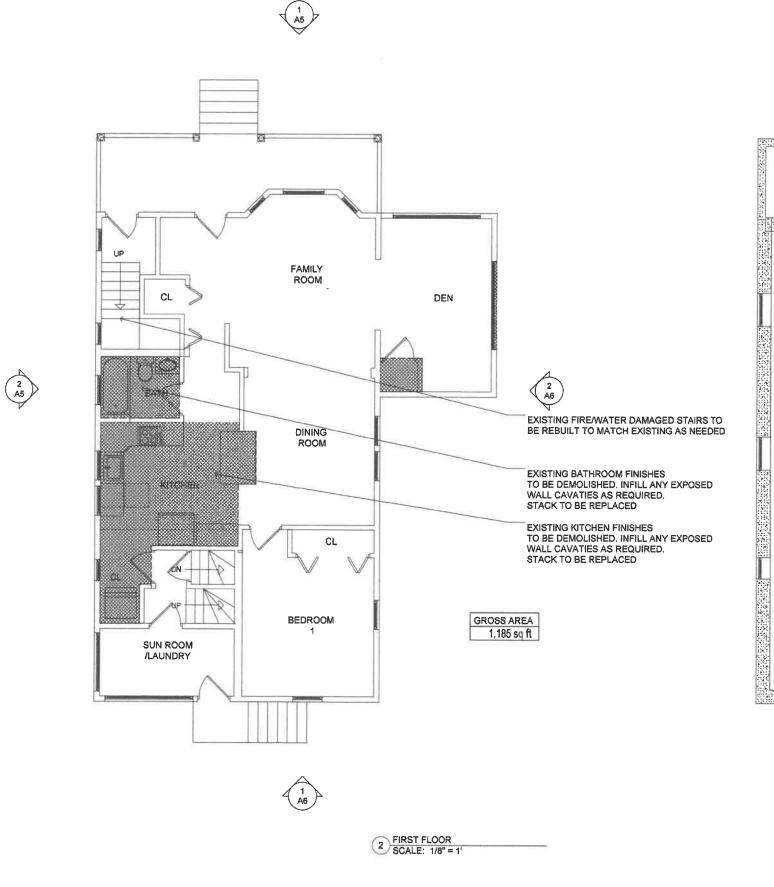
 08/11/23
 ZONING REVIEW

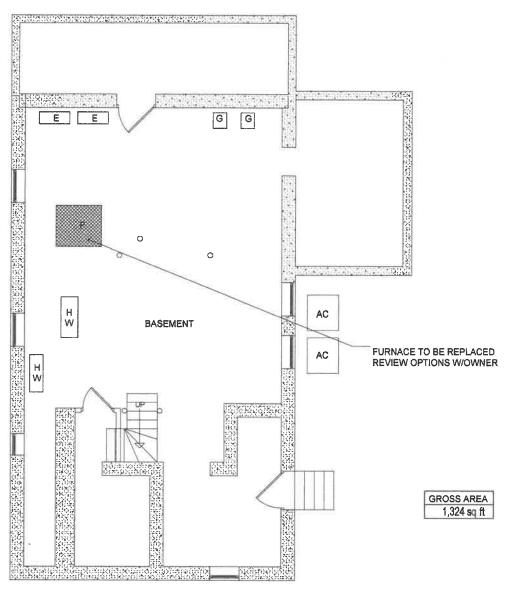


KIM RESIDENCE 200 BEECH STREET BELMONT, MA

COVER SHEET

Sheet





MILLER DESIGN LLC



80 CLARK STREET BELMONT, MA 02478 TEL:817.993.3157

Architect: Miller Design LLC 80 Clark Street Belmont MA 02478 617-993-3157

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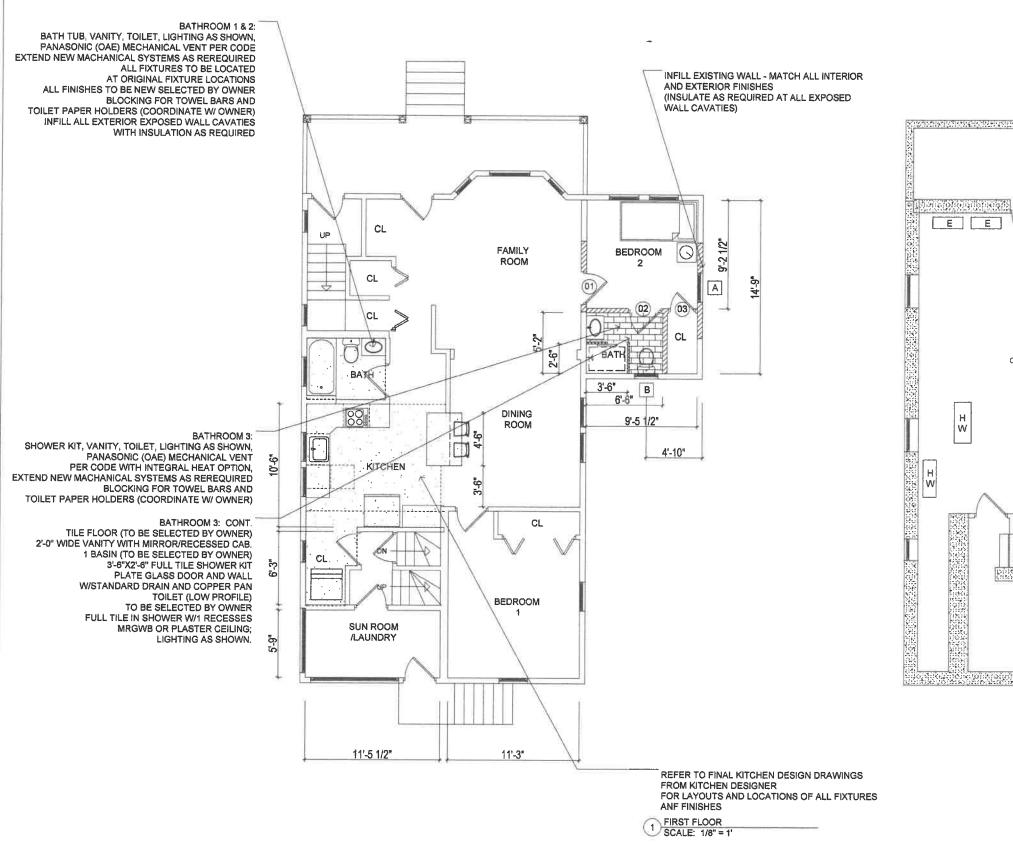
EXISTING PLANS

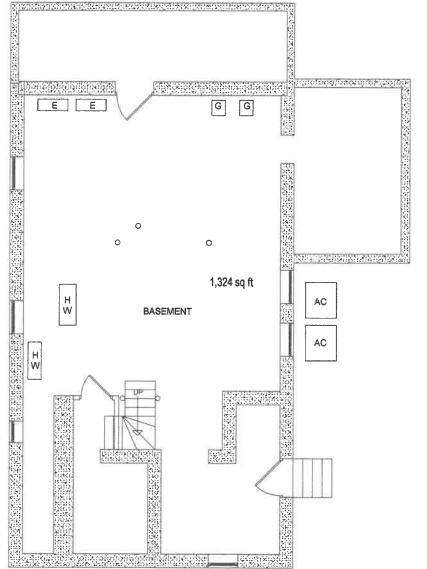
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A2

BASEMENT FLOOR SCALE: 1/8" = 1'

0





1 BASEMENT FLOOR SCALE: 1/8" = 1'



TEL:617.993.3157

Architect: Miller Design LLC 80 Clark Street Belmont MA 02478 617-993-3157

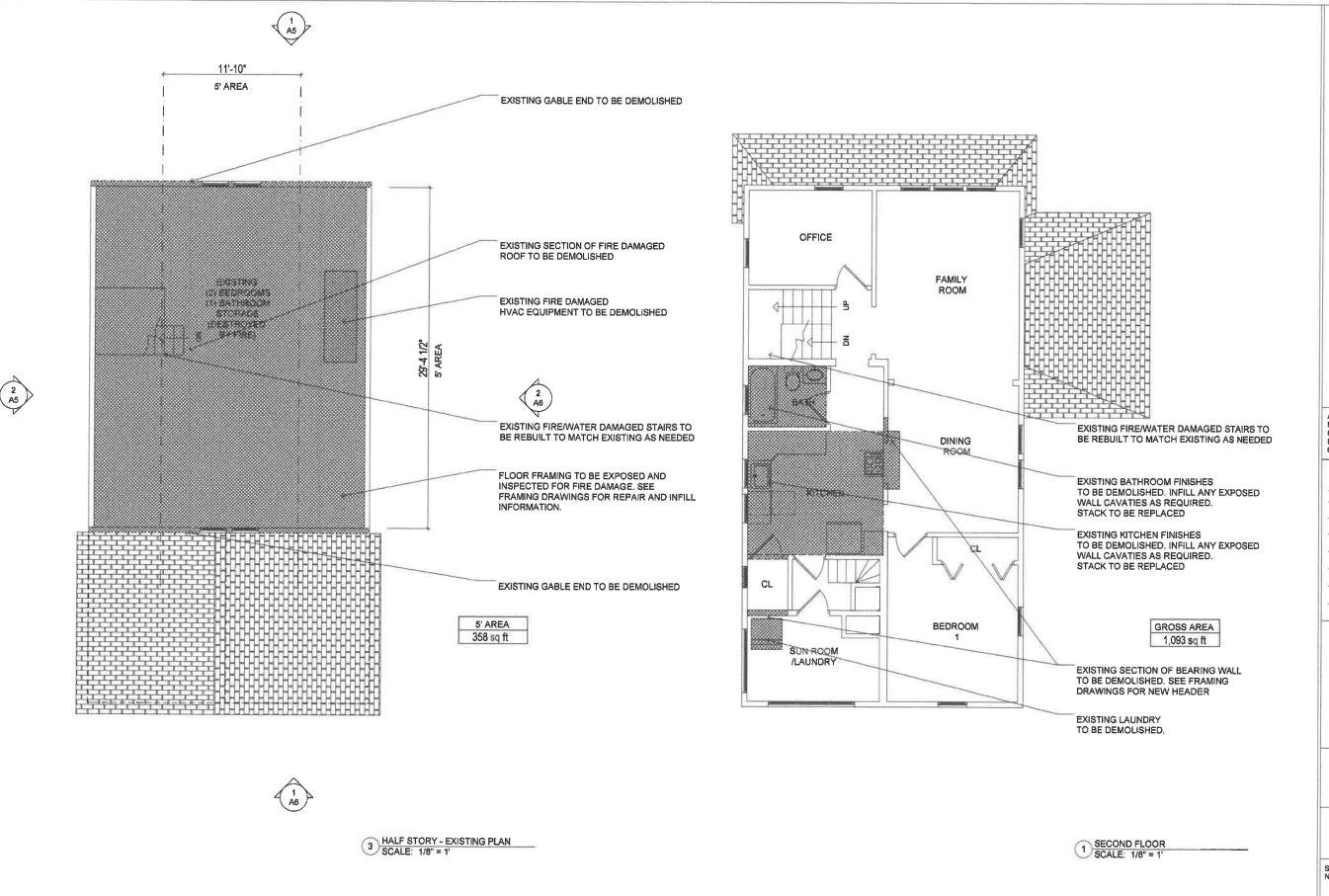
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	07/08/23	REVISION 1
	07/20/23	DESIGN DEVELOPMEN
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KIM RESIDENCE 200 BEECH STREET BELMONT, MA

PROPOSED PLANS

Sheet Number:





Architect: Miller Design LLC 80 Clark Street Beimont MA 02478 617-993-3157

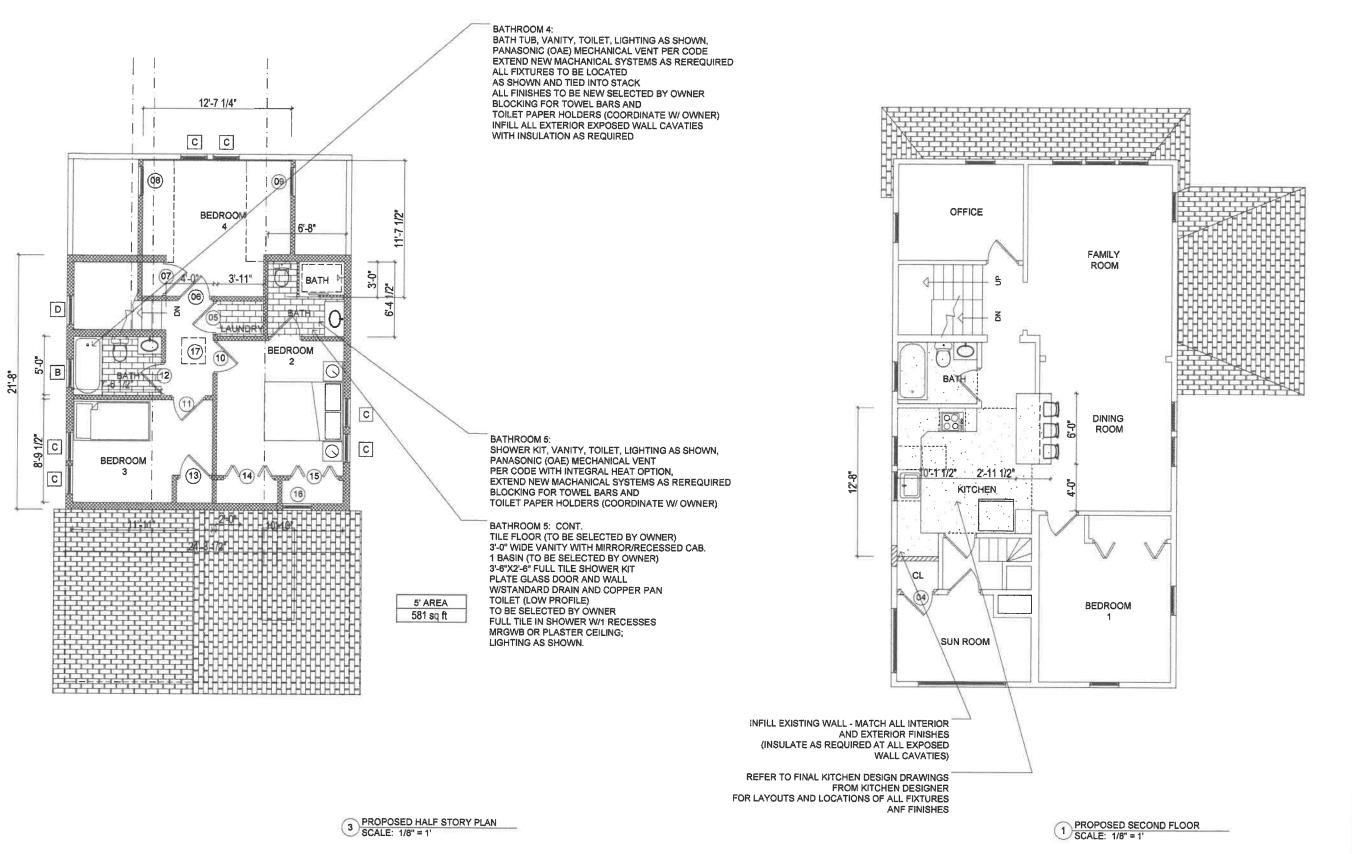
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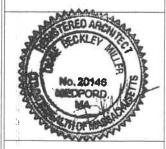
MOLLER
DESIGN LLC

80 CLARK STREET
BELMONT, MA 02478

TEL:617.993,3157

Architect: Miller Design LLC 80 Clark Street Belmont MA 02478 617-993-3157

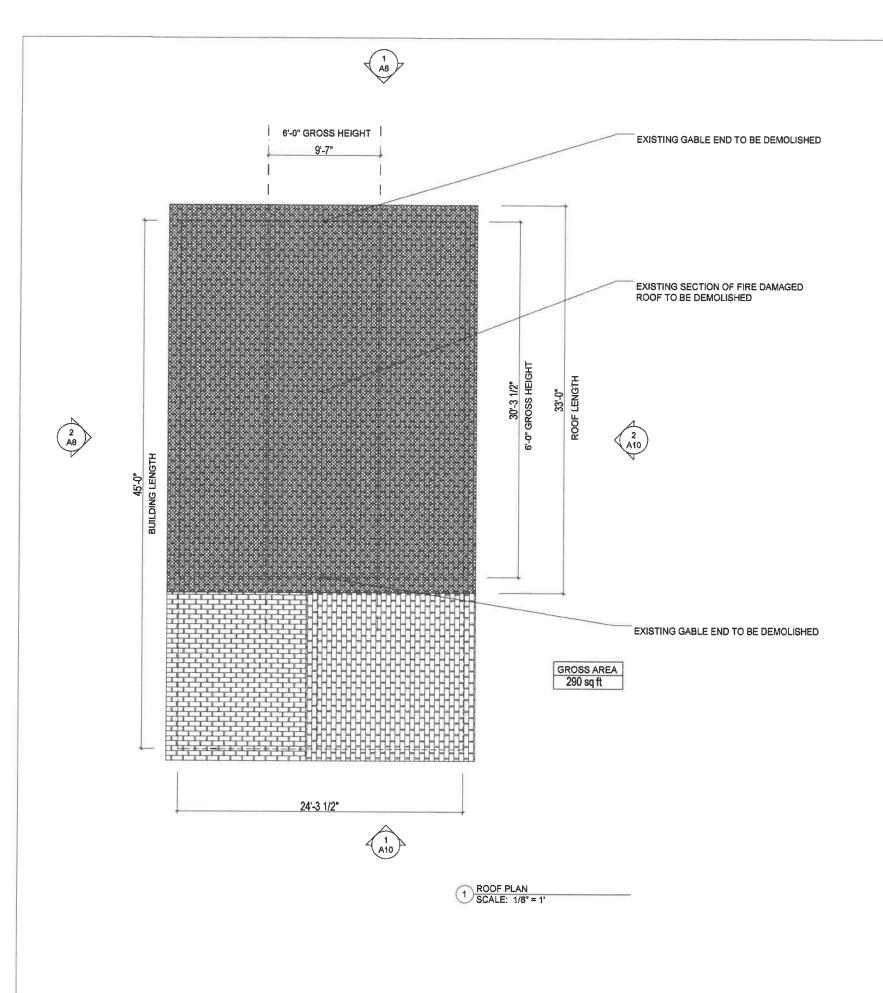
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80 CLARK STREET BELMONT, MA 02478 TEL:617.893.3157

Architect: Miller Design LLC 80 Clark Street Belmont MA 02478 617-993-3157

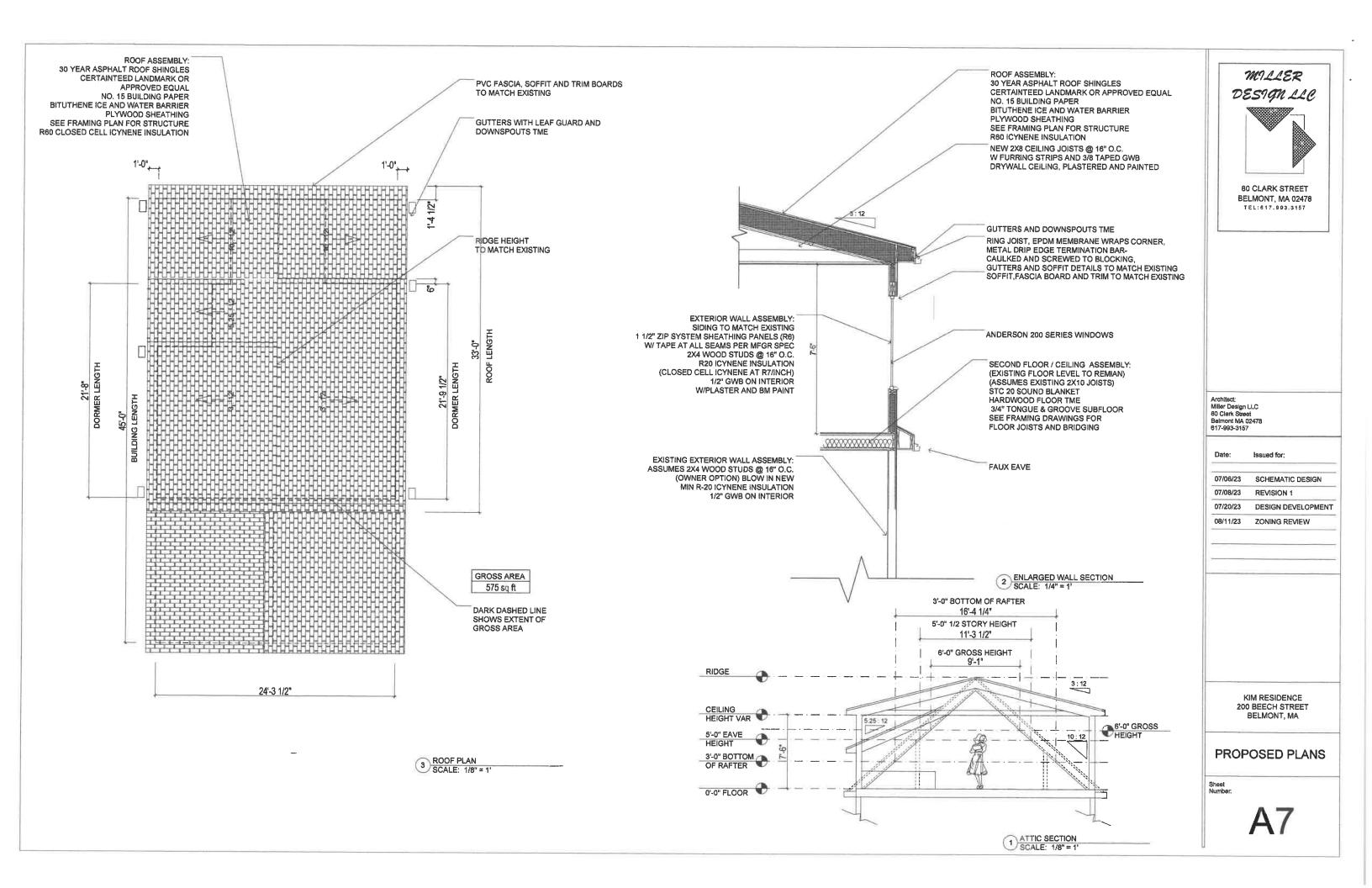
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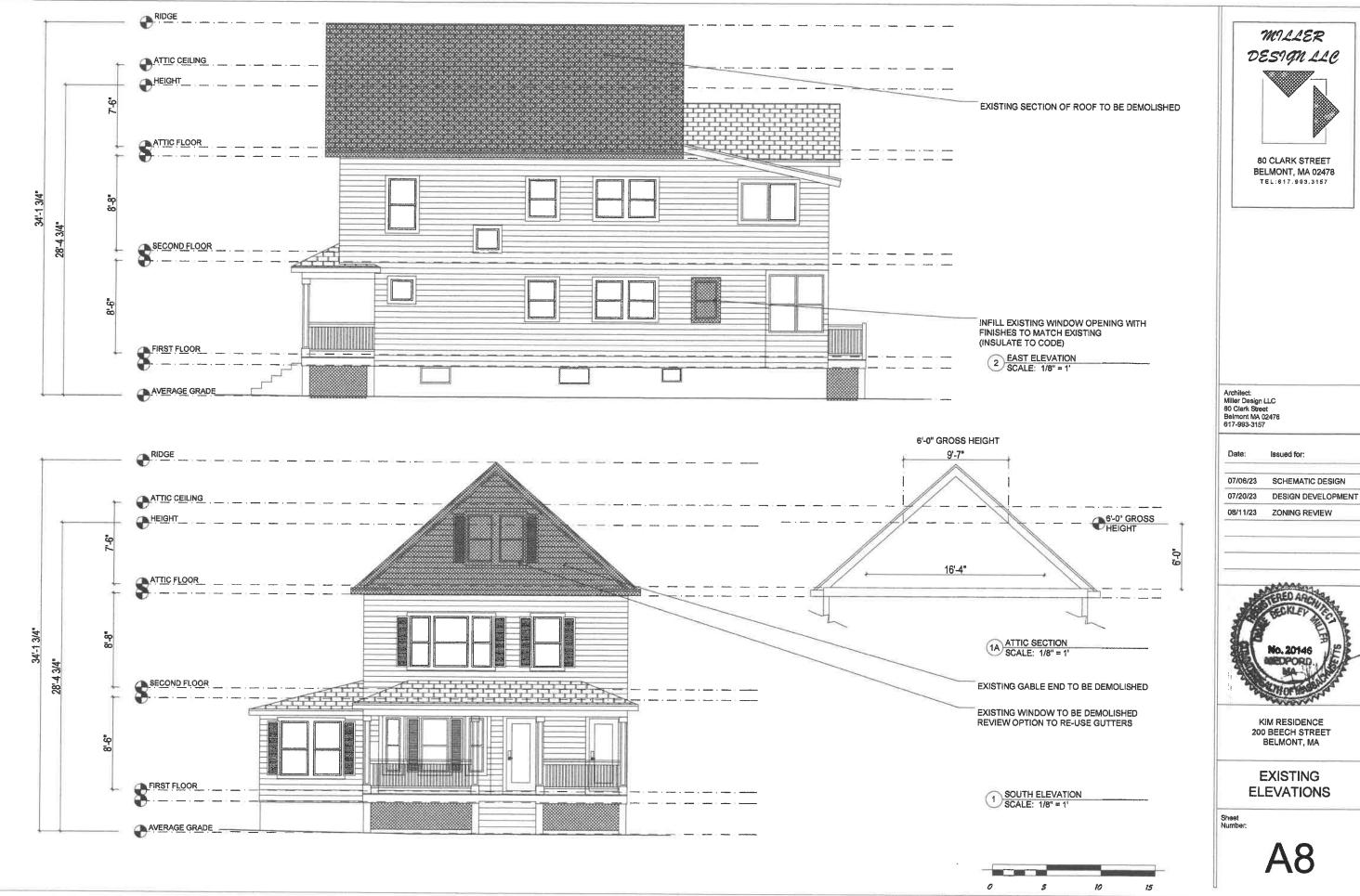


KIM RESIDENCE 200 BEECH STREET BELMONT, MA

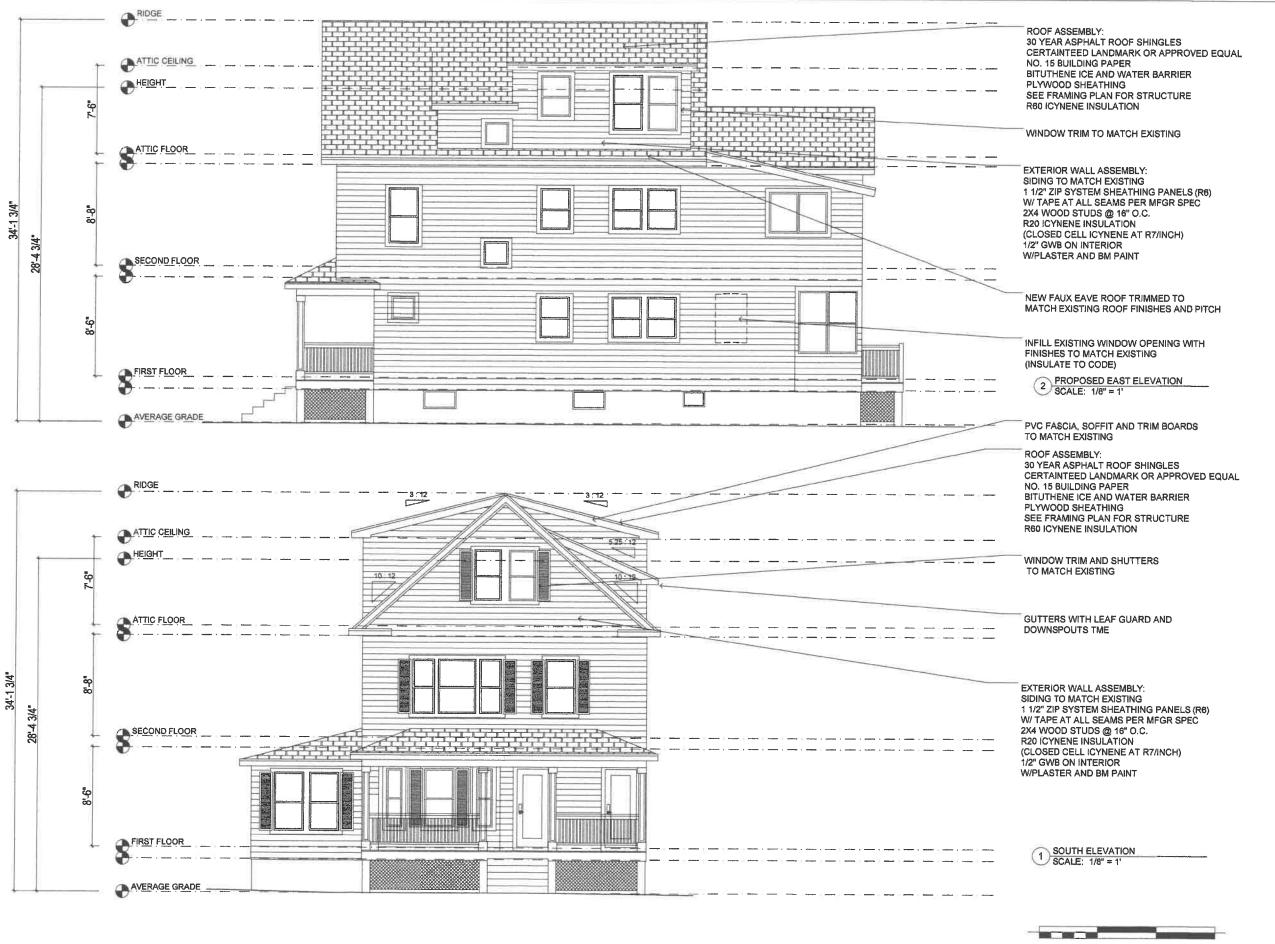
EXISTING PLANS

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80 CLARK STREET BELMONT, MA 02478 TEL: 617.993.3157

Architect: Miller Design LLC 80 Clark Street Belmont MA 02478 617-993-3157

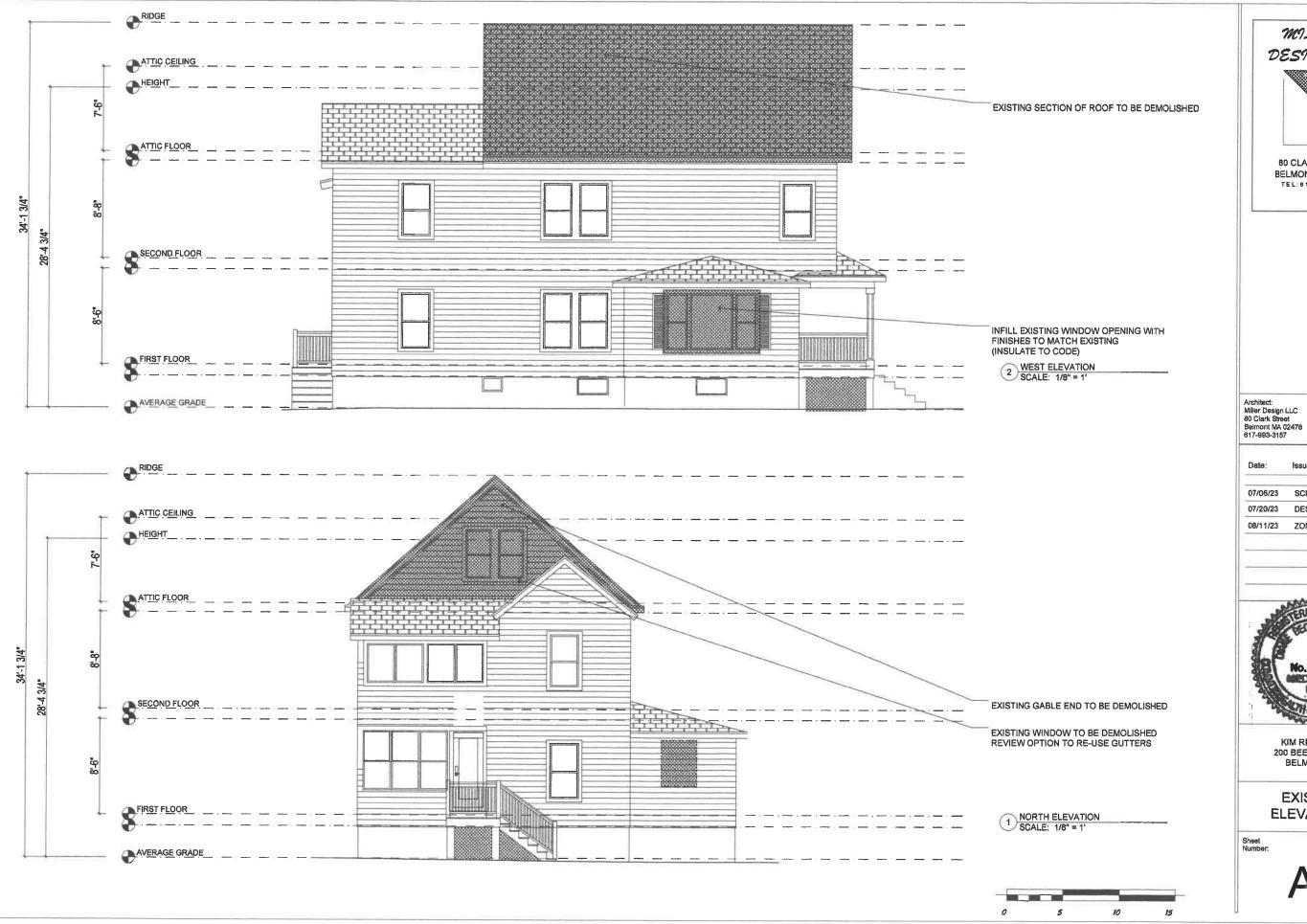
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KIM RESIDENCE 200 BEECH STREET BELMONT, MA

PROPOSED ELEVATIONS

Sheet Number:



MILLER DESIGN LLC

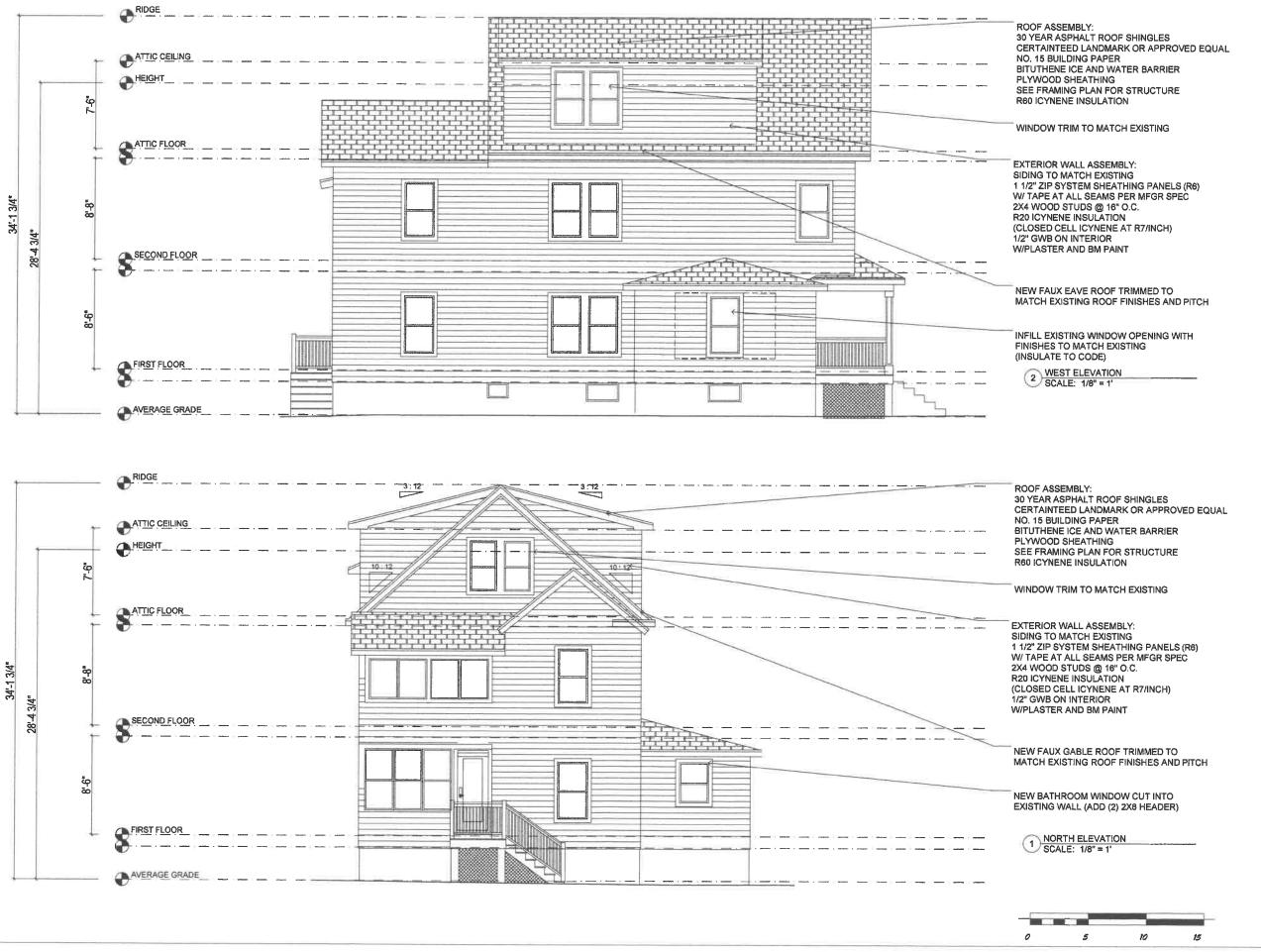


80 CLARK STREET BELMONT, MA 02478 TEL: 817.993.3157



KIM RESIDENCE 200 BEECH STREET BELMONT, MA

EXISTING ELEVATIONS



MILLER DESIGN LLC



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PROPOSED ELEVATIONS

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