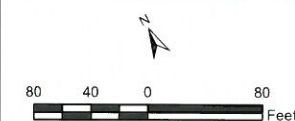


City of  
**Somerville**  
Massachusetts



## Assessors Map

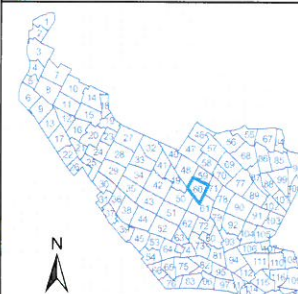
- Parcel Boundary
  - Block/ROW Boundary
  - Other ROW Boundary
  - Assessor Map Boundary
  - Water Body
  - Building
  - Railroad ROW
- Lot Dimension  
Lot Number  
Square Footage  
Frontage Dimension  
Street Address



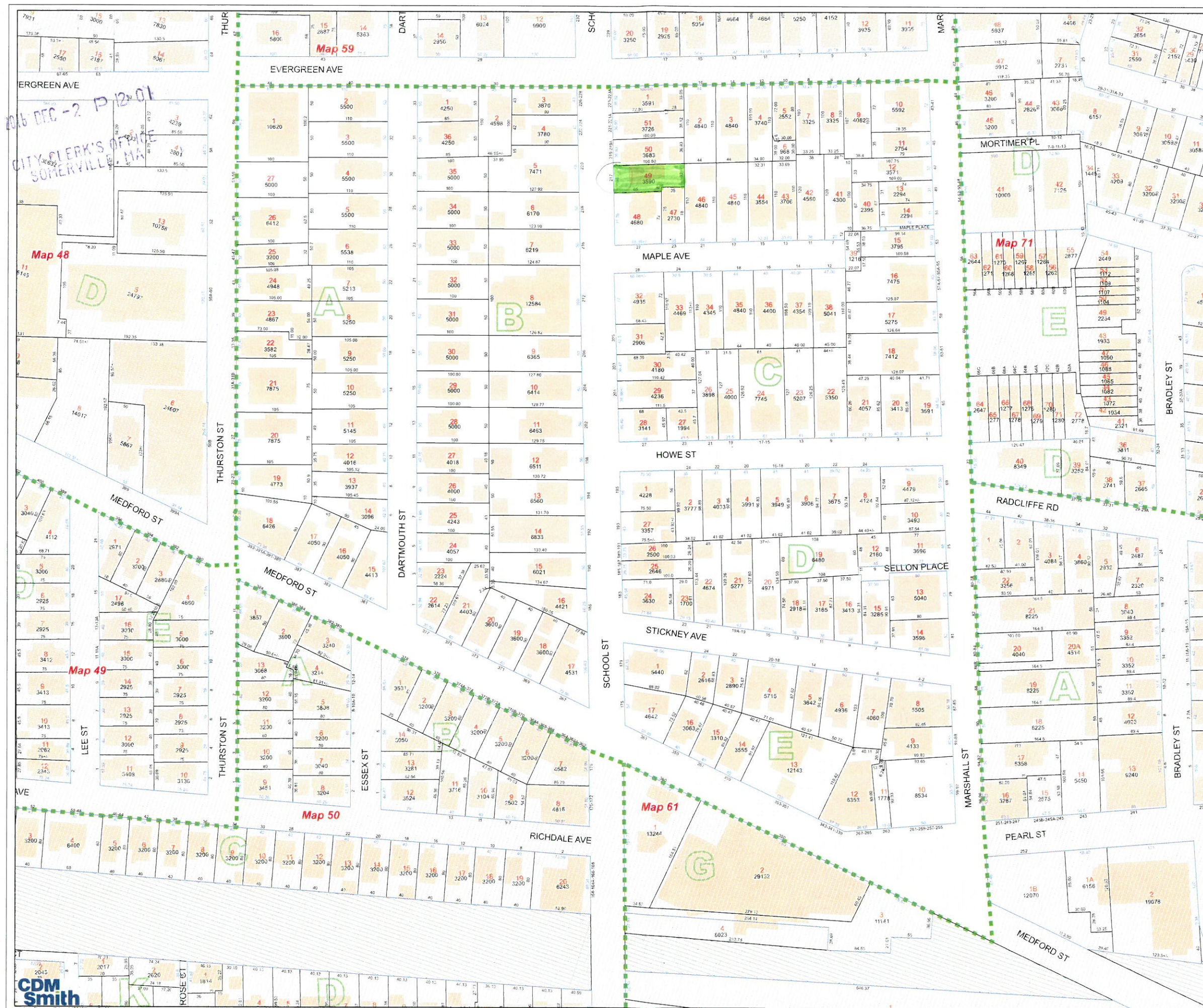
1" = 80'  
July 1, 2012

Sources: Rights-of-way and building footprints were originally developed from Boston Edison Company data, 1995 and have been updated by City of Somerville. Parcel data were originally developed from assessor maps by CDM Smith, 1999 and have been updated by CDM Smith based on City of Somerville records.

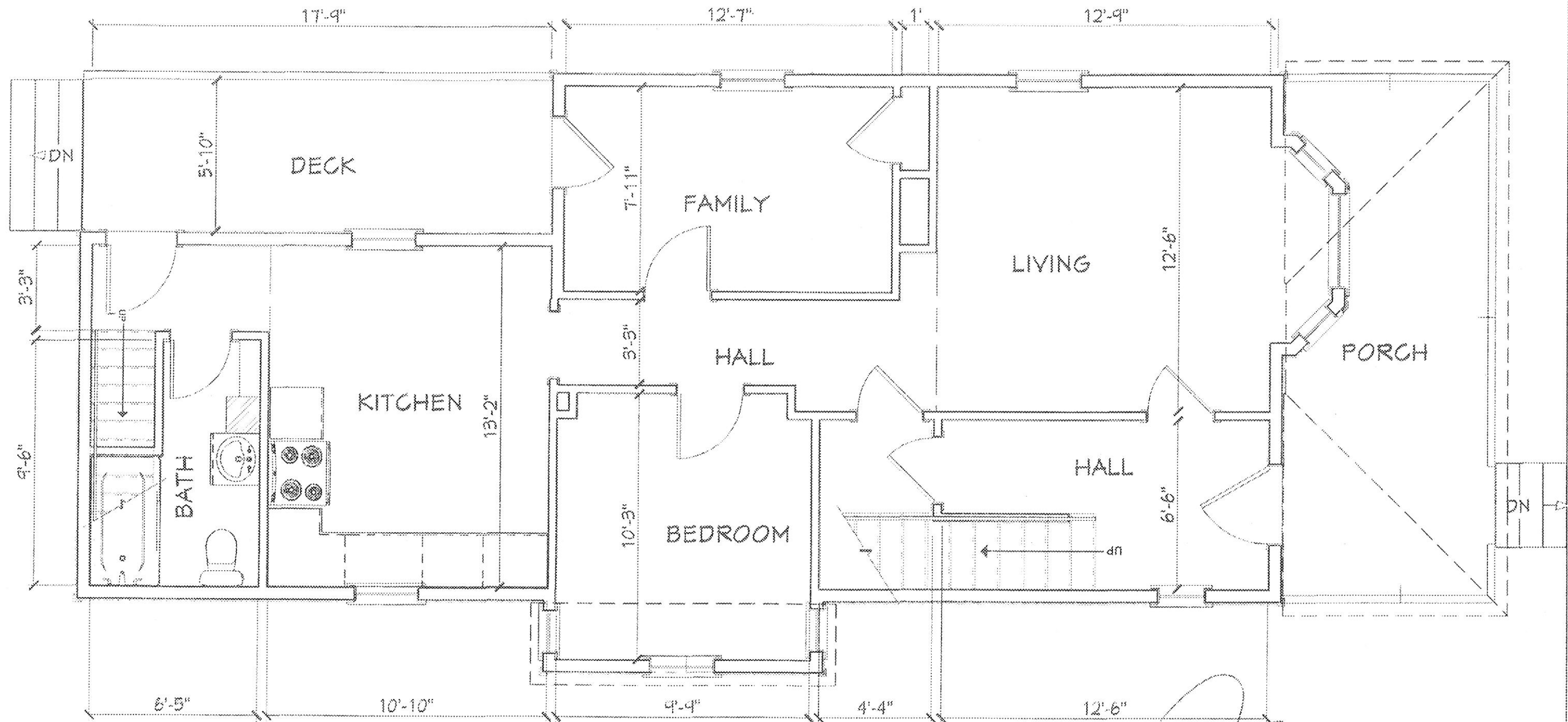
NOTE: The data represented on these maps indicate distances and deeded locations of cadastral boundaries in the City of Somerville. They are NOT survey data and should not be treated as such.



**60**



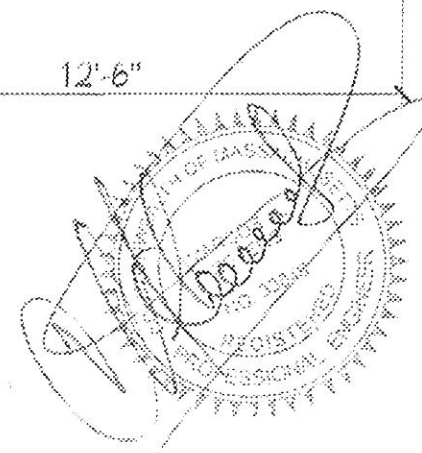




AREAS  
EXISTING PROPOSED

|       |            |            |
|-------|------------|------------|
| 1ST   | 887 SQ.FT. | 887 SQ.FT. |
| 2ND   | 841 SQ.FT. | 841 SQ.FT. |
| ATTIC | 568 SQ.FT. | 574 SQ.FT. |

EXISTING FIRST FLOOR PLAN



**M.D.J.**

INCORPORATED

MARCOS A. DEVERS J., P.E.  
Professional Engineer

16 Woodland Street  
Lawrence, MA. 01841

978-804-7588

STAMP

PROJECT DESCRIPTION:

PROPOSED ALTERATION  
(FIRST-SECOND & ATTIC FLOOR)  
BASEMENT NEW REINFORCEMENT

DATE:

12/25/2015

SCALE:

1/4"=1'-0"

SHEET:

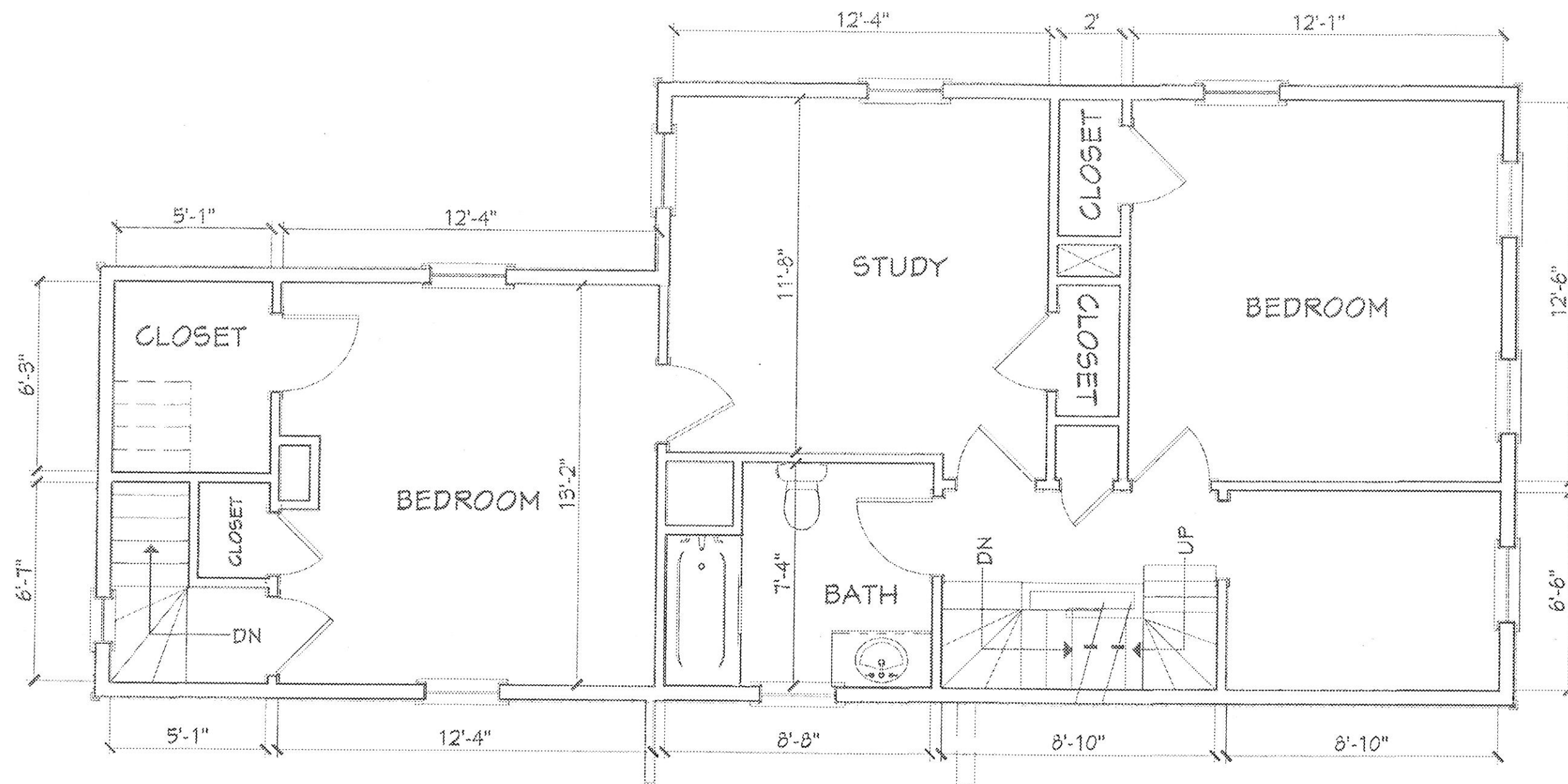
A-1

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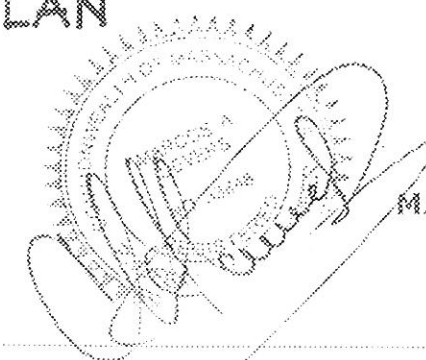
EXISTING  
FIRST FLOOR PLAN

OWNER & ADDRESS:

RENE MIZRAHI  
217 SCHOOL STREET  
SOMERVILLE, MA.



EXISTING SECOND FLOOR PLAN



**M.D.J.**

INCORPORATED

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978-804-7588

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BASEMENT NEW REINFORCEMENT

DATE:

12/25/2015

SCALE:

1/4"=1'-0"

SHEET:

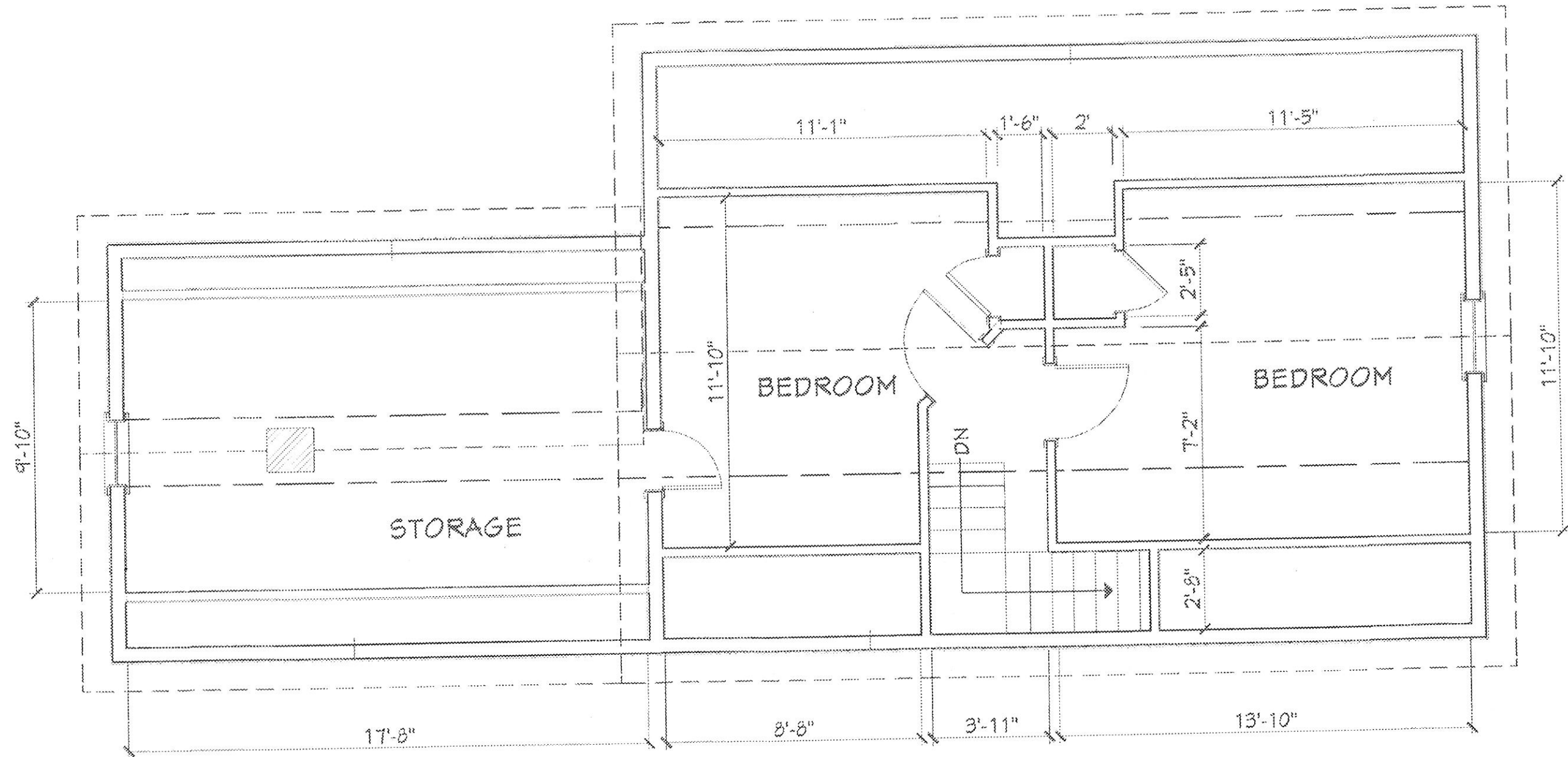
A-2

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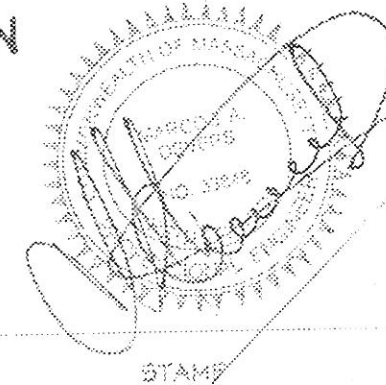
EXISTING  
SECOND FLOOR PLAN

OWNER & ADDRESS:

IRENE MIZRAHI  
217 SCHOOL STREET  
SOMERVILLE, MA.



## EXISTING ATTIC FLOOR PLAN



STAMP

**M.D.J.**

INCORPORATED

MARCOS A. DEVERS J., P.E.

Professional Engineer

16 Woodland Street  
Lawrence, MA. 01841

978-804-7588

PROJECT DESCRIPTION:

PROPOSED ALTERATION  
(FIRST-SECOND & ATTIC FLOOR)  
BASEMENT NEW REINFORCEMENT

DATE:

12/25/2015

SCALE:

1/4"=1'-0"

SHEET:

A-3

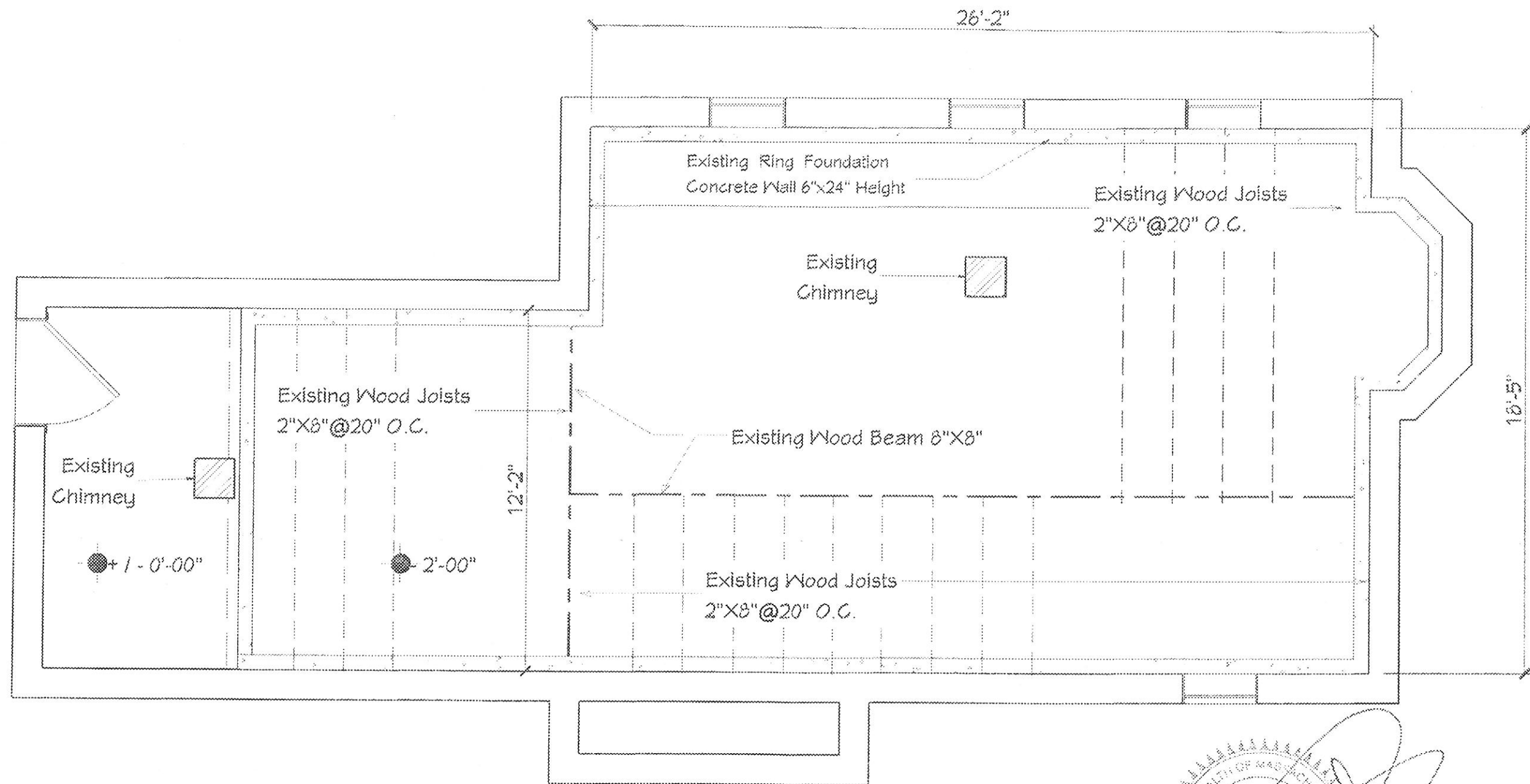
SHEET TITLE:

EXISTING  
ATTIC FLOOR PLAN

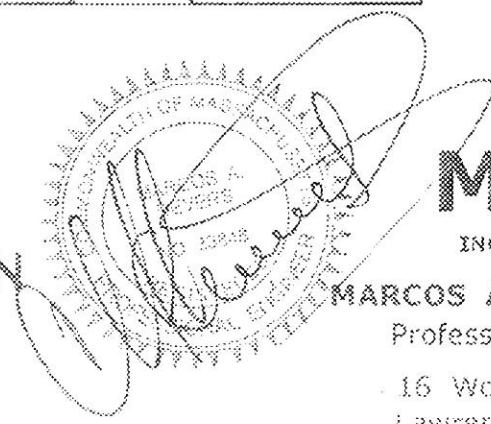
OWNER & ADDRESS:

IRENE MIZRAHI  
217 SCHOOL STREET  
SOMERVILLE, MA.





# EXISTING BASEMENT FLOOR PLAN



**M.D.J.**

INCORPORATED

MARCOS A. DEVERS J., P.E.

Professional Engineer

16 Woodland Street

Lawrence, MA. 01841

978-804-7588

STAMP

SHEET TITLE:  
EXISTING  
BASEMENT (FOUNDATION)

OWNER & ADDRESS: IRENE MIZRAHI  
217 SCHOOL STREET  
SOMERVILLE, MA.

PROJECT DESCRIPTION:  
PROPOSED ALTERATION  
(FIRST-SECOND & ATTIC FLOOR)  
BASEMENT NEW REINFORCEMENT

DATE:

12/25/2015

SCALE:

1/4"=1'-0"

SHEET:

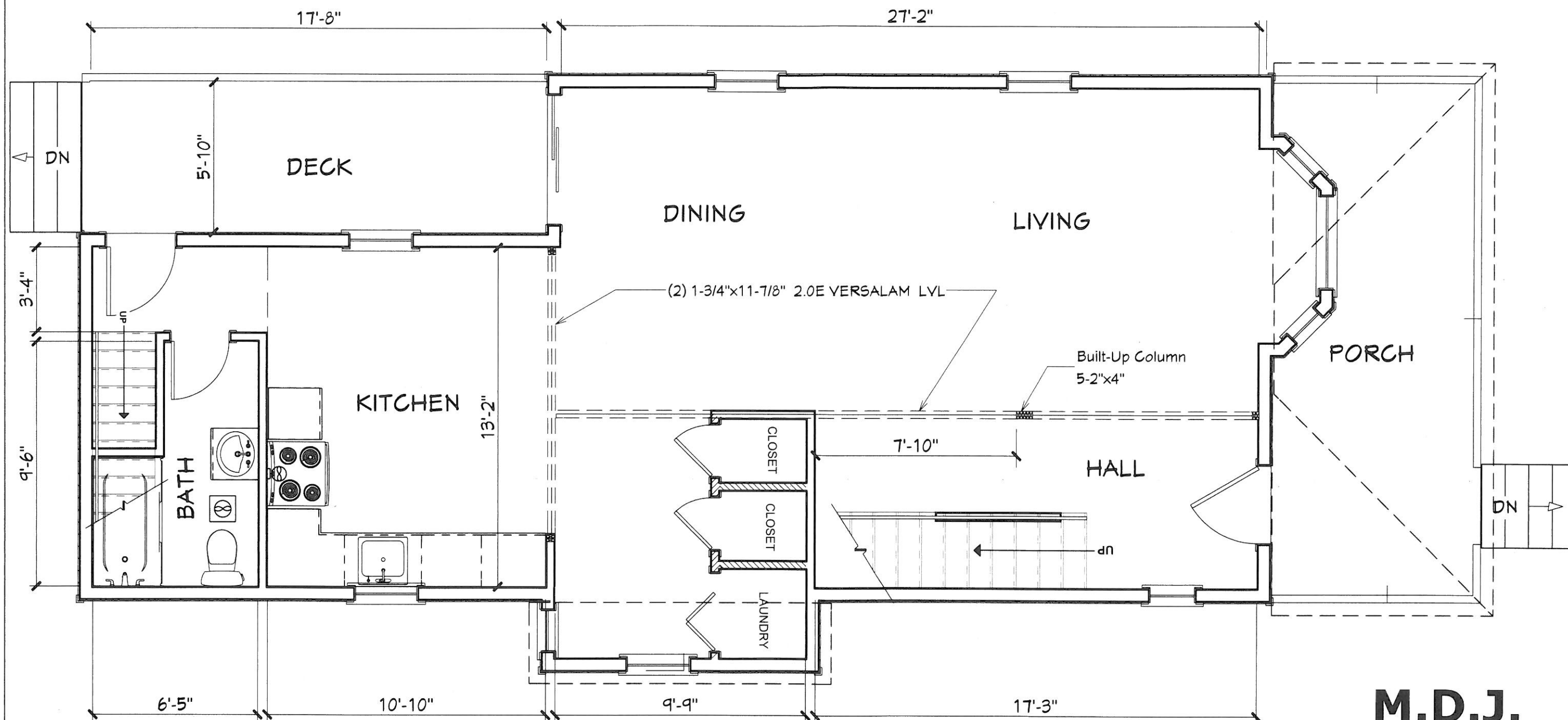
A-4





## KITCHEN EXHAUST REQUIREMENTS

PROVIDE AN EXHAUST RATE OF AT LEAST 100 CUBIC FEET PER MINUTE FOR INTERMITTENTLY OPERATED EXHAUST HOOD OR AT LEAST 20 CUBIC FEET PER MINUTE FOR CONTINUOUSLY OPERATING EXHAUST HOOD.  
USE SMOOTH, SINGLE-WALL GALVANIZED STEEL OR STAINLESS STEEL, OR COPPER TO CONSTRUCT THE KITCHEN EXHAUST DUCTS.  
SEAL THE EXHAUST DUCT AIR TIGHT TO AVOID LEAKING FLAMMABLE GREASE INTO WALL OR BETWEEN THE KITCHEN EXHAUST HOOD AND THE KITCHEN CABINET.



**M.D.J.**

INCORPORATED

**MARCOS A. DEVERS J., P.E.**

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16 Woodland Street  
Lawrence, MA. 01841

978-804-7588

STAMP

SHEET TITLE:  
PROPOSED ALTERATION  
FIRST FLOOR PLAN

OWNER & ADDRESS:  
IRENE MIZRAHI  
217 SCHOOL STREET  
SOMERVILLE, MA.

PROJECT DESCRIPTION:  
PROPOSED ALTERATION  
(FIRST-SECOND & ATTIC FLOOR)  
BASEMENT NEW REINFORCEMENT

DATE:

7/17/2016

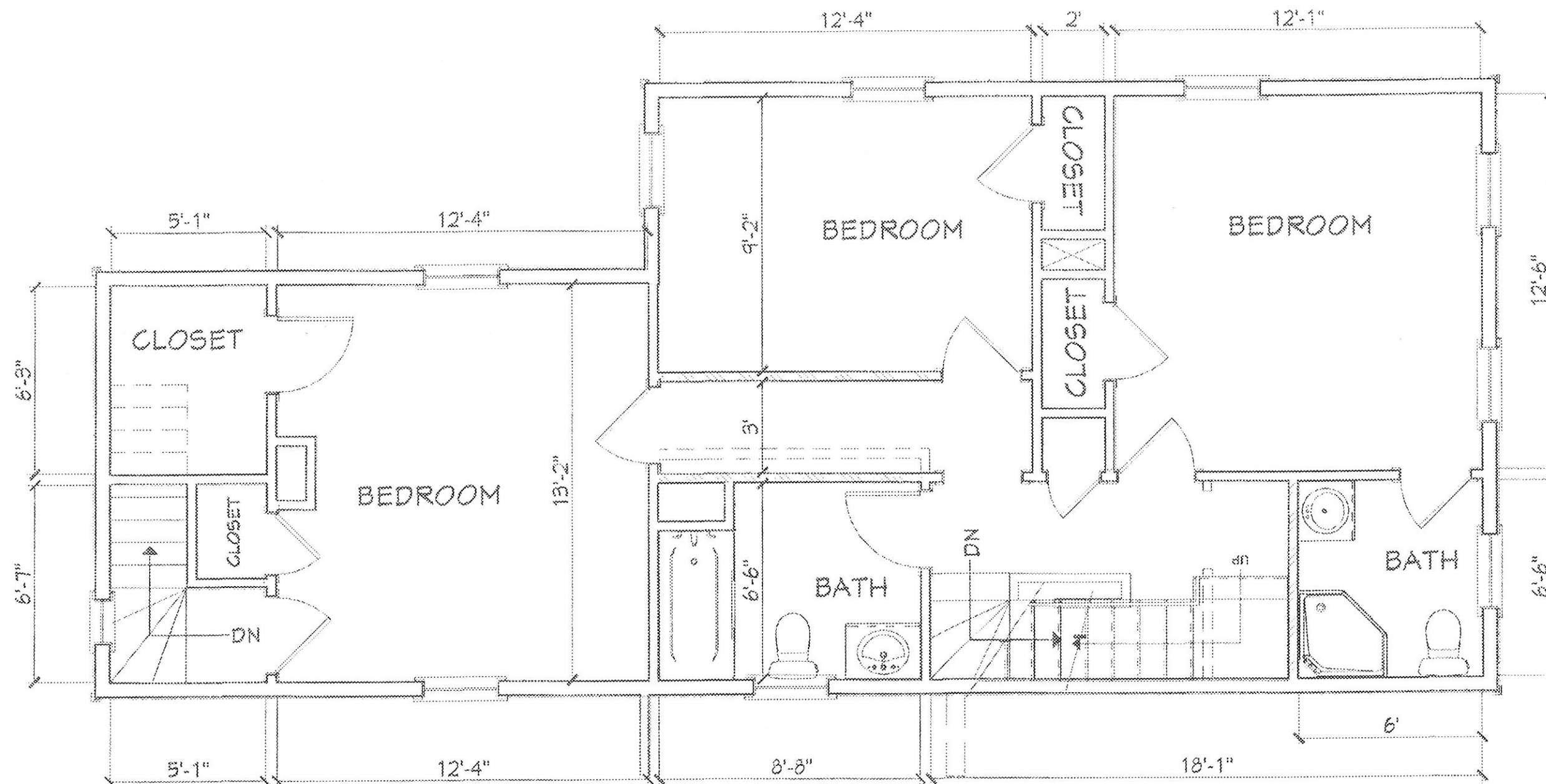
SCALE:

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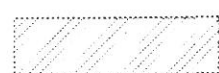
SHEET:

**A-5**





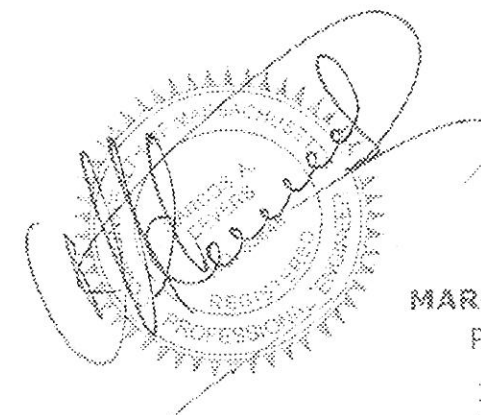
## PROPOSED ALTERATION SECOND FLOOR PLAN



NEW WOOD WALL 2"x4" STUDS  
@ 16" O.C. W/ SHEETROCK 1/2" BOTH SIDE.



EXISTING PARTITION WALL TO DEMOLISH



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Lawrence, MA 01841

978-804-7588

STAMP

SHEET TITLE:  
PROPOSED ALTERATION  
SECOND FLOOR PLAN

OWNER & ADDRESS:  
IRENE MIZRAHI  
217 SCHOOL STREET  
SOMERVILLE, MA.

PROJECT DESCRIPTION:  
PROPOSED ALTERATION  
(FIRST-SECOND & ATTIC FLOOR)  
BASEMENT NEW REINFORCEMENT

DATE:

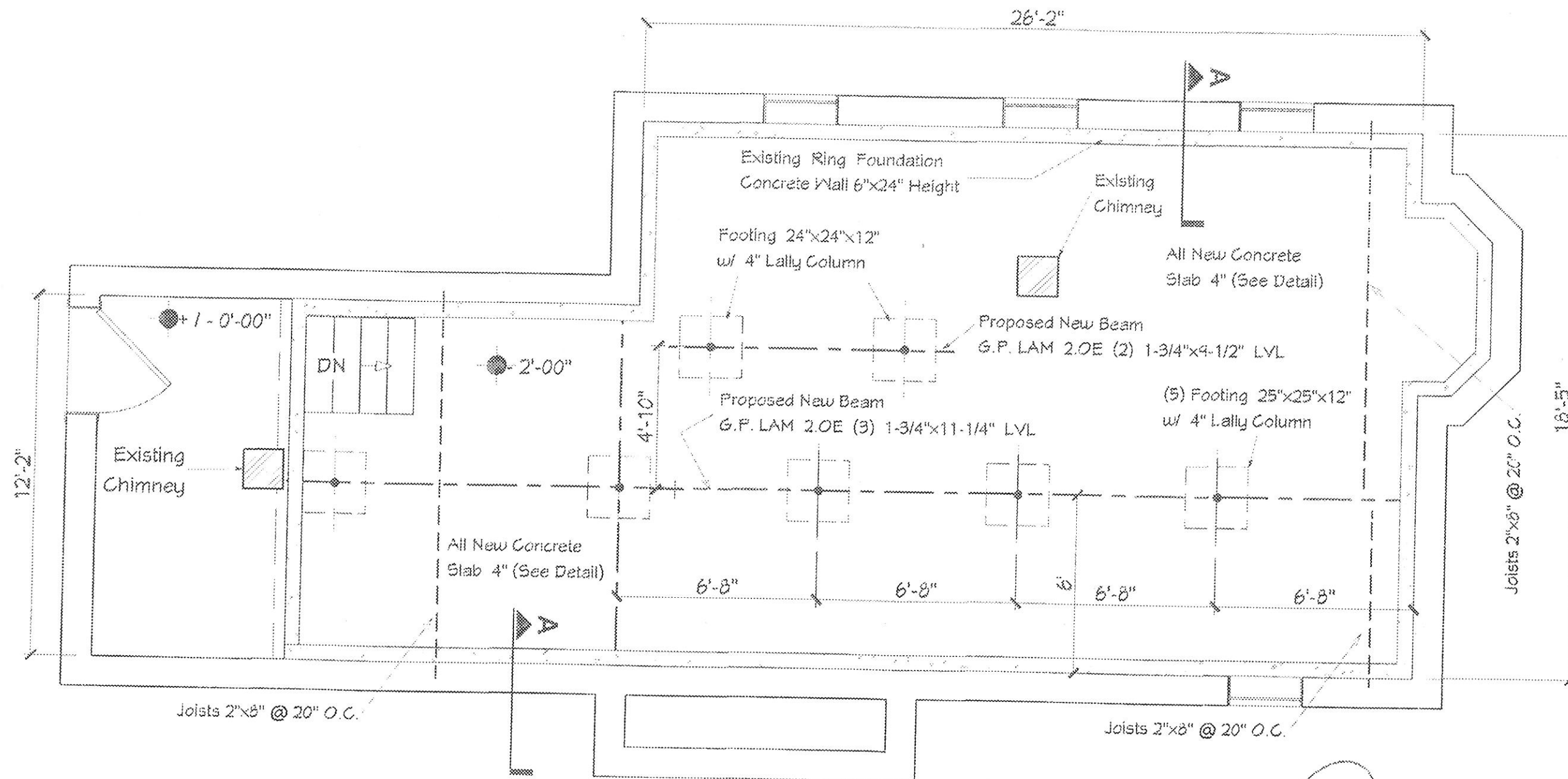
12/23/2015

SCALE:

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SHEET:

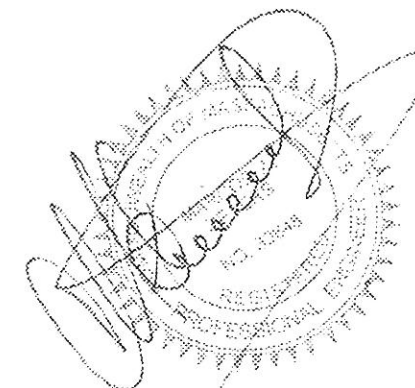
A-6



## PROPOSED BASEMENT FLOOR PLAN

### NOTE:

EXISTING FIRST FLOOR JOISTS 2"x8" @ 20" O.C.  
ATTACHED NEW 2"x10" TO THE EXISTING. (SEE DETAIL 2)



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16 Woodland Street  
Lawrence, MA. 01841

978-804-7588

STAMP

PROJECT DESCRIPTION:

PROPOSED ALTERATION  
(FIRST-SECOND & ATTIC FLOOR)  
BASEMENT NEW REINFORCEMENT

DATE:

12/25/2015

SCALE:

1/4"=1'-0"

SHEET:

A-8

SHEET TITLE:

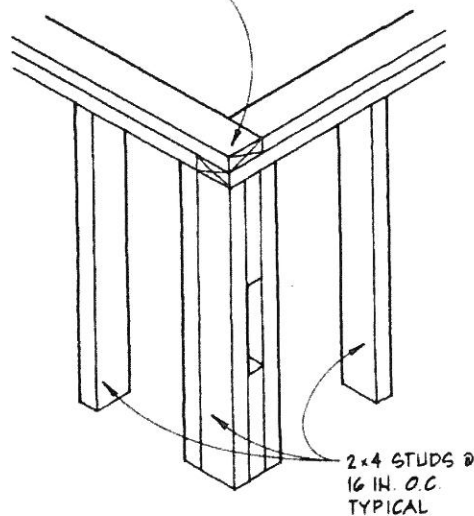
PROPOSED ALTERATION  
BASEMENT (FOUNDATION)

OWNER & ADDRESS:

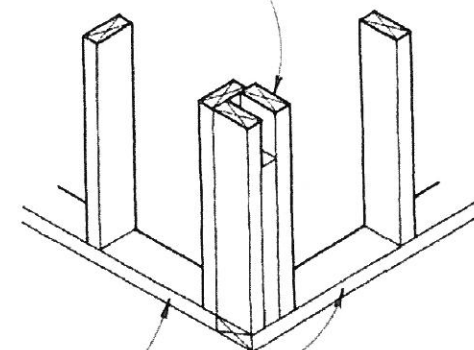
IRENE MIZRAHI  
217 SCHOOL STREET  
SOMERVILLE, MA.



DOUBLE TOP PLATE OVERLAPS  
@ CORNERS TO LOCK TWO  
WALLS TOGETHER



CORNER STUDS BUILT UP W/  
2x4 BLOCKING BETWEEN  
PROVIDES NAILING @  
INSIDE CORNER.



SOLE  
PLATE

NOTE:  
THIS DETAIL WORKS  
FOR BOTH INSIDE &  
OUTSIDE CORNERS.

EXTRA STUDS FOR  
CORNER NAILING

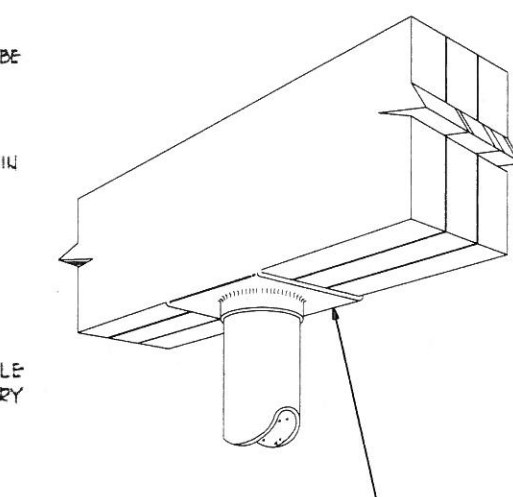
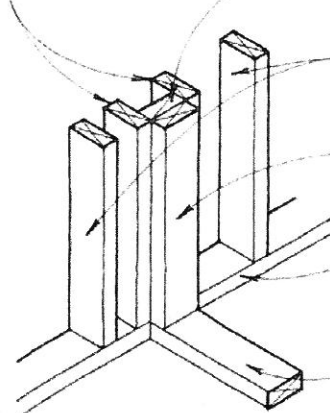
BLOCKING MAY BE  
INTERMITTENT.

COMMON STUDS IN  
PRIMARY WALL

END STUD OF  
INTERSECTING  
WALL

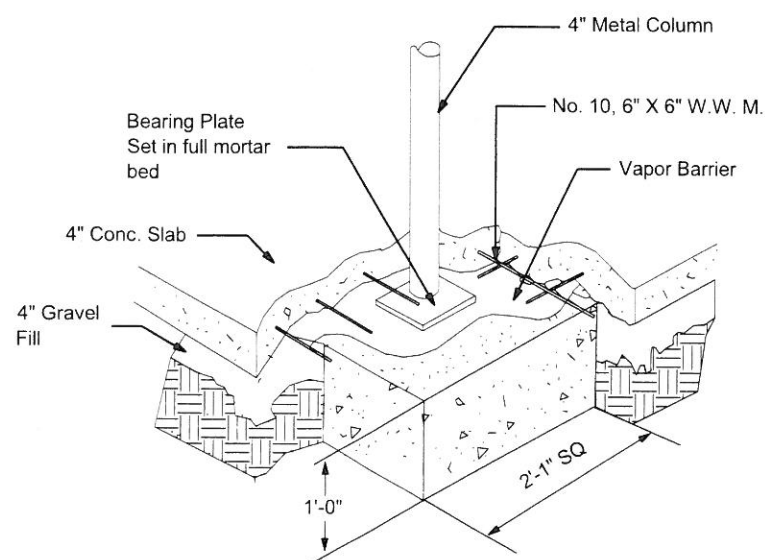
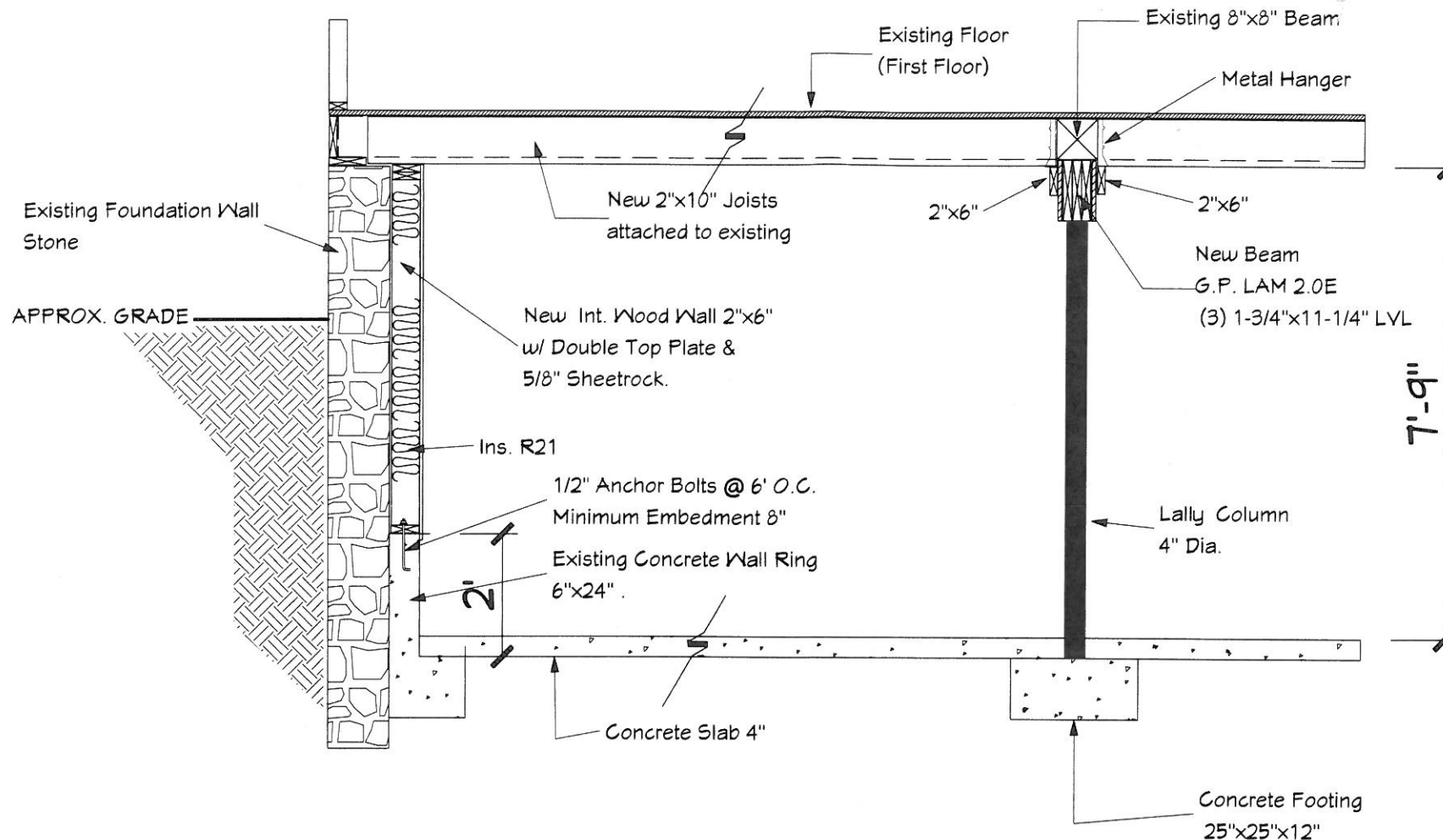
CONTINUOUS SOLE  
PLATE OF PRIMARY  
WALL

SOLE PLATE OF  
INTERSECTING  
WALL



SCREW TO BEAM  
THE CAP COLUMN

## SECTION A (FOUNDATION WALL)



FOOTING FOR METAL COLUMN

To the best of my knowledge these plans are drawn to comply with owner's and/ or builder's specifications and any changes made on them after prints are made will be done at the owner's and / or builder's expense and responsibility. The contractor shall verify all dimensions and enclosed drawing. M.D.J. INC. is not liable for errors once construction has begun. While every effort has been made in the preparation of this plan to avoid mistakes, the maker can not guarantee against human error. The contractor of the job must check all dimensions and other details prior to construction and be solely responsible thereafter. Any Change necessary shall be inform to M.D.J. Inc. before .

HOMEOWNER WILL TAKE NECESSARY PRECAUTIONS TO REMOVE OR RELOCATE ITEMS OF VALUE TO BE REUSED AND/ OR SAVED, OR IN ANY DANGER OF BEING DAMAGED DUE TO CONSTRUCTION PROCESS.

BUILDING CONTRACTOR/HOME OWNER TO REVIEW AND VERIFY ALL DIMENSIONS, SPECS, AND CONNECTIONS BEFORE CONSTRUCTION BEGINS.

**M.D.J.**  
INCORPORATED

**MARCOS A. DEVERS J., P.E.**  
Professional Engineer

16 Woodland Street  
Lawrence, MA. 01841

978-804-7588

STAMP

PROJECT DESCRIPTION:  
PROPOSED ALTERATION  
(FIRST-SECOND & ATTIC FLOOR)  
BASEMENT NEW REINFORCEMENT

OWNER & ADDRESS:

IRENE MIZRAHI  
217 SCHOOL STREET  
SOMERVILLE, MA.

SHEET TITLE:

CONSTRUCTION DETAILS

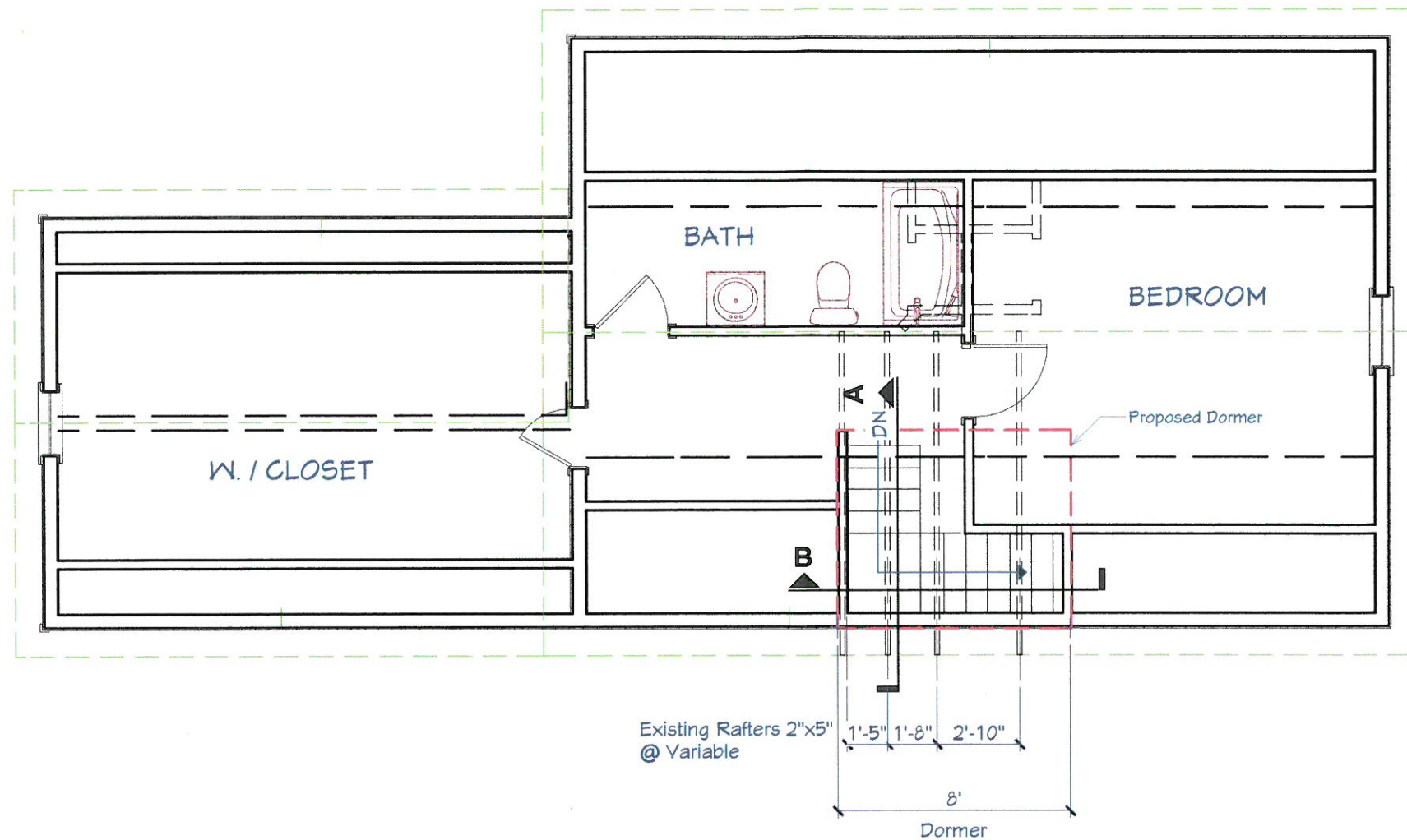
DATE:

7/17/2016

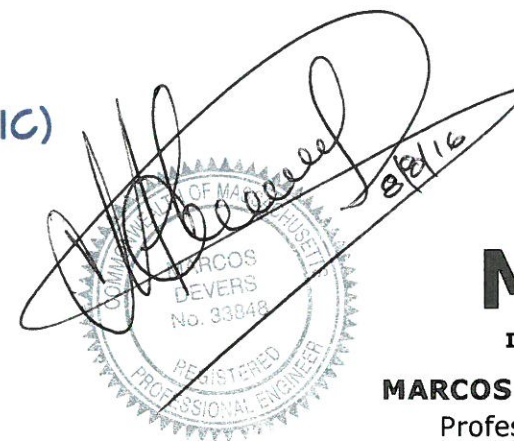
SCALE:

SHEET:

A-9



**PROPOSED DORMER**  
(FOR STAIRS FROM SECOND FLOOR TO ATTIC)



**M.D.J.**

INCORPORATED

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Professional Engineer

16 Woodland Street  
Lawrence, MA. 01841

978-804-7588

STAMP

SHEET TITLE:

**DORMER DETAILS**

OWNER & ADDRESS: **IRENE MIZRAHI**  
**217 SCHOOL STREET**  
**SOMERVILLE, MA.**

PROJECT DESCRIPTION:  
**PROPOSED ALTERATION**  
**(FIRST-SECOND & ATTIC FLOOR)**  
**BASEMENT NEW REINFORCEMENT**

DATE:

7/31/2016

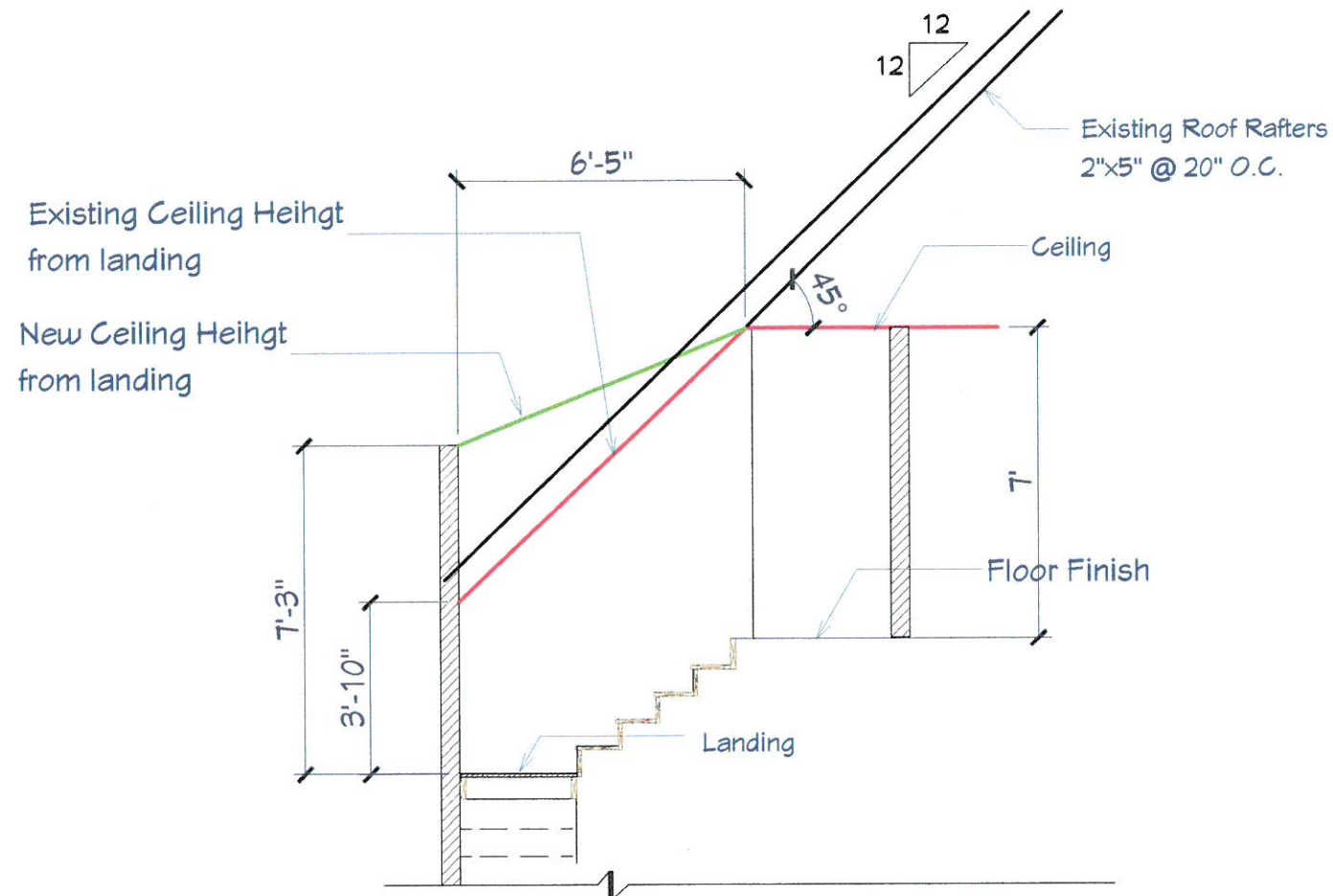
SCALE:

3/16"=1'-0"

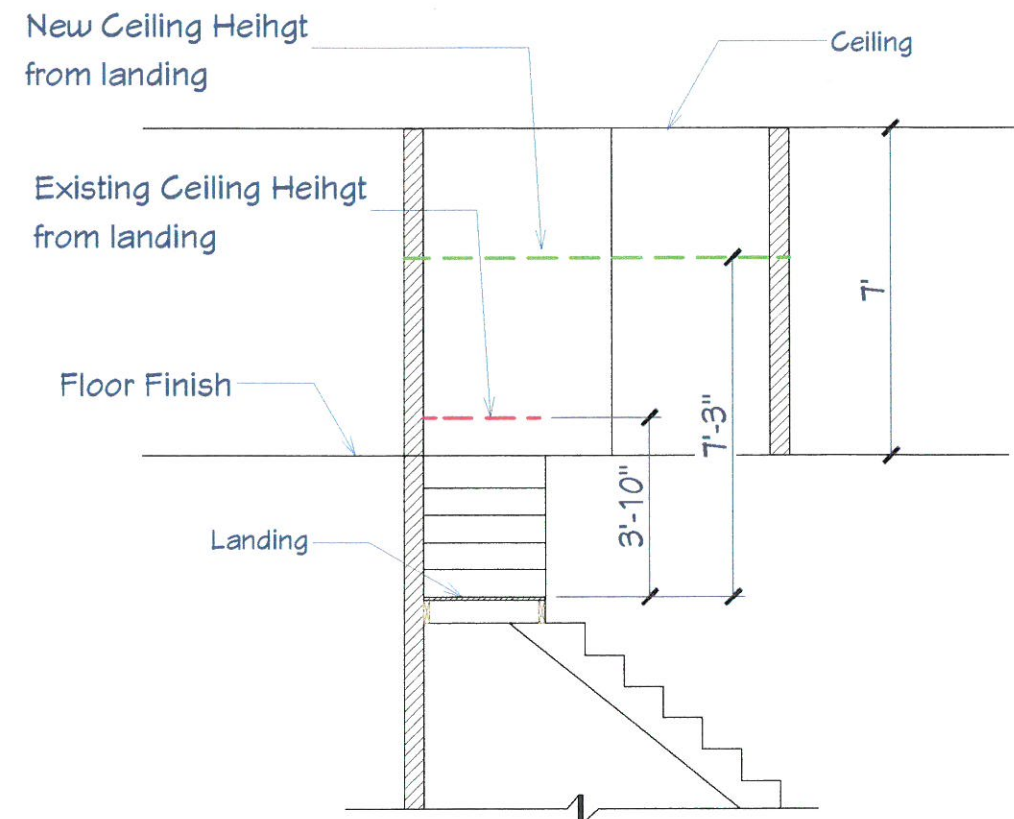
SHEET:

**A-11**

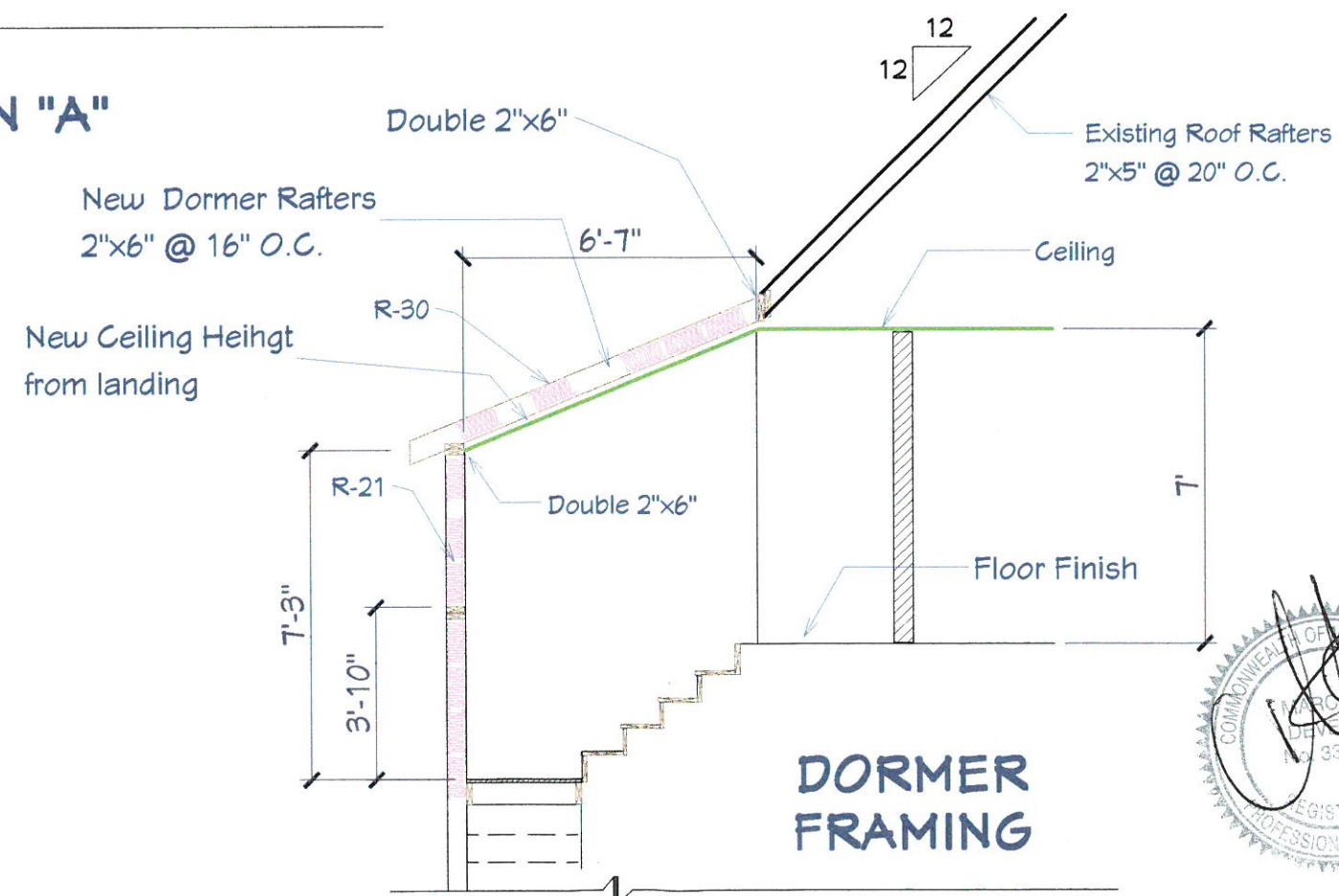
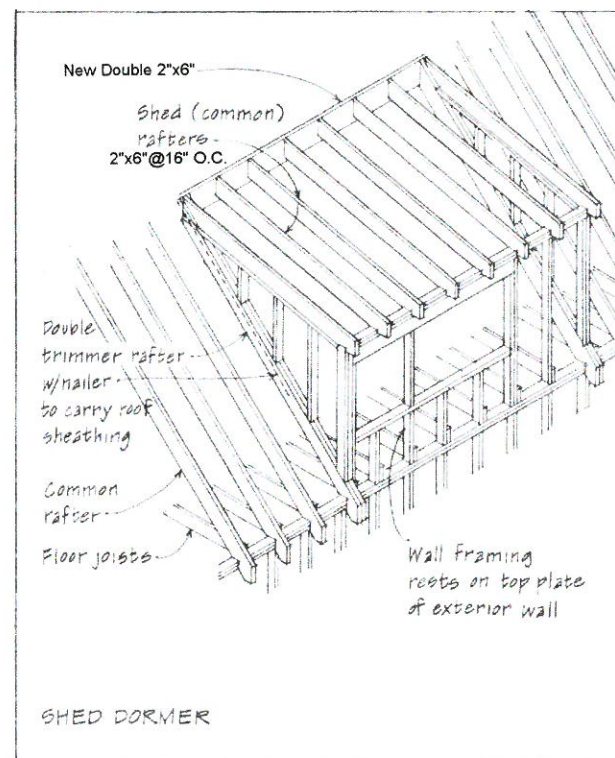




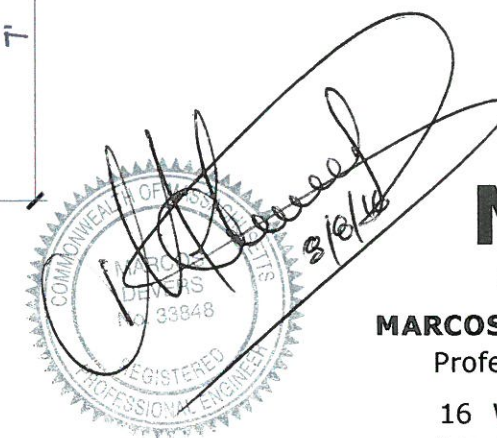
**SECTION "A"**



**SECTION "B"**



**DORMER FRAMING**



STAMP

**M.D.J.**  
INCORPORATED

**MARCOS A. DEVERS J., P.E.**  
Professional Engineer

16 Woodland Street  
Lawrence, MA. 01841  
978-804-7588

SHEET TITLE:

**DORMER DETAILS**

OWNER & ADDRESS: **IRENE MIZRAHI**

**217 SCHOOL STREET  
SOMERVILLE, MA.**

PROJECT DESCRIPTION:  
**PROPOSED ALTERATION  
(FIRST-SECOND & ATTIC FLOOR)  
BASEMENT NEW REINFORCEMENT**

DATE:

7/31/2016

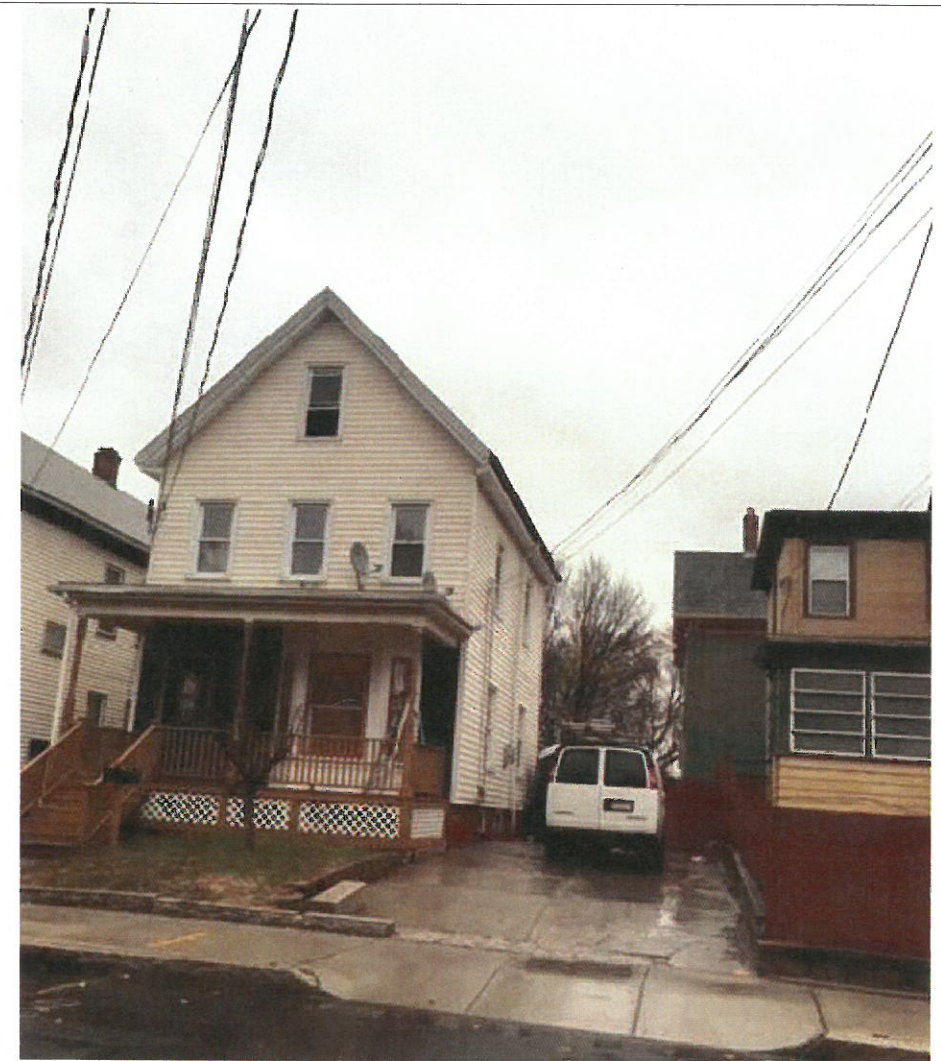
SCALE:

1/4"=1'-0"

SHEET:

**A-12**





TOP  
DRAWINGS

217 SHOOL ST  
SOMERVILLE-MA

ADAILTON  
PROPOSED WORK  
GABLE DORMER

GILMAR COSTA  
housetech@gmail.com  
774-300-1928

DATE:

11/30/16

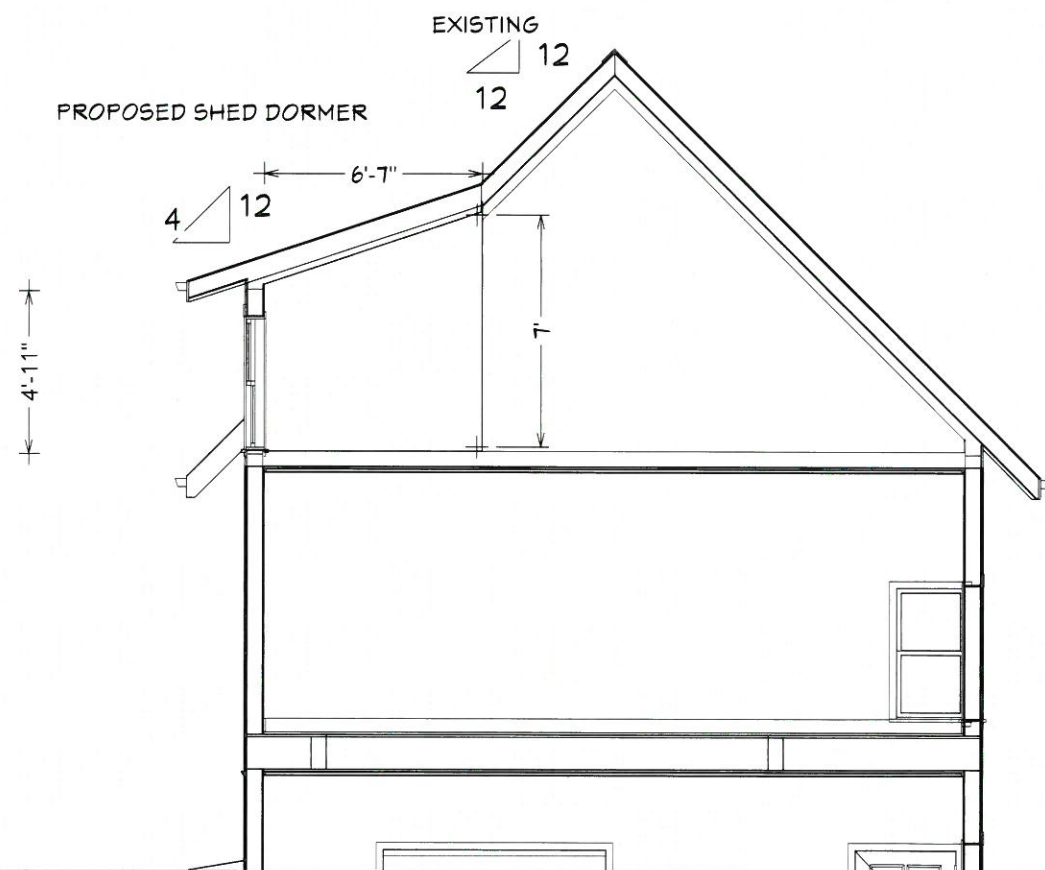
SCALE:

NO SCALE

SHEET:

P-2





CROSS SECTION FRONT TO BACK



CROSS SECTION LEFT TO RIGHT

TOP  
DRAWINGS

217 SHOOL ST  
SOMERVILLE-MA

ADAILTON  
PROPOSED WORK  
GABLE DORMER

GILMAR COSTA  
housetech@gmail.com  
774-300-1928

DATE:

11/30/16

SCALE:

3/8"=1'

SHEET:

P-03





217 SHOOL ST  
SOMERVILLE-MA

ADAILTON  
PROPOSED WORK  
GABLE DORMER

GILMAR COSTA  
housetech@gmail.com  
774-300-1928

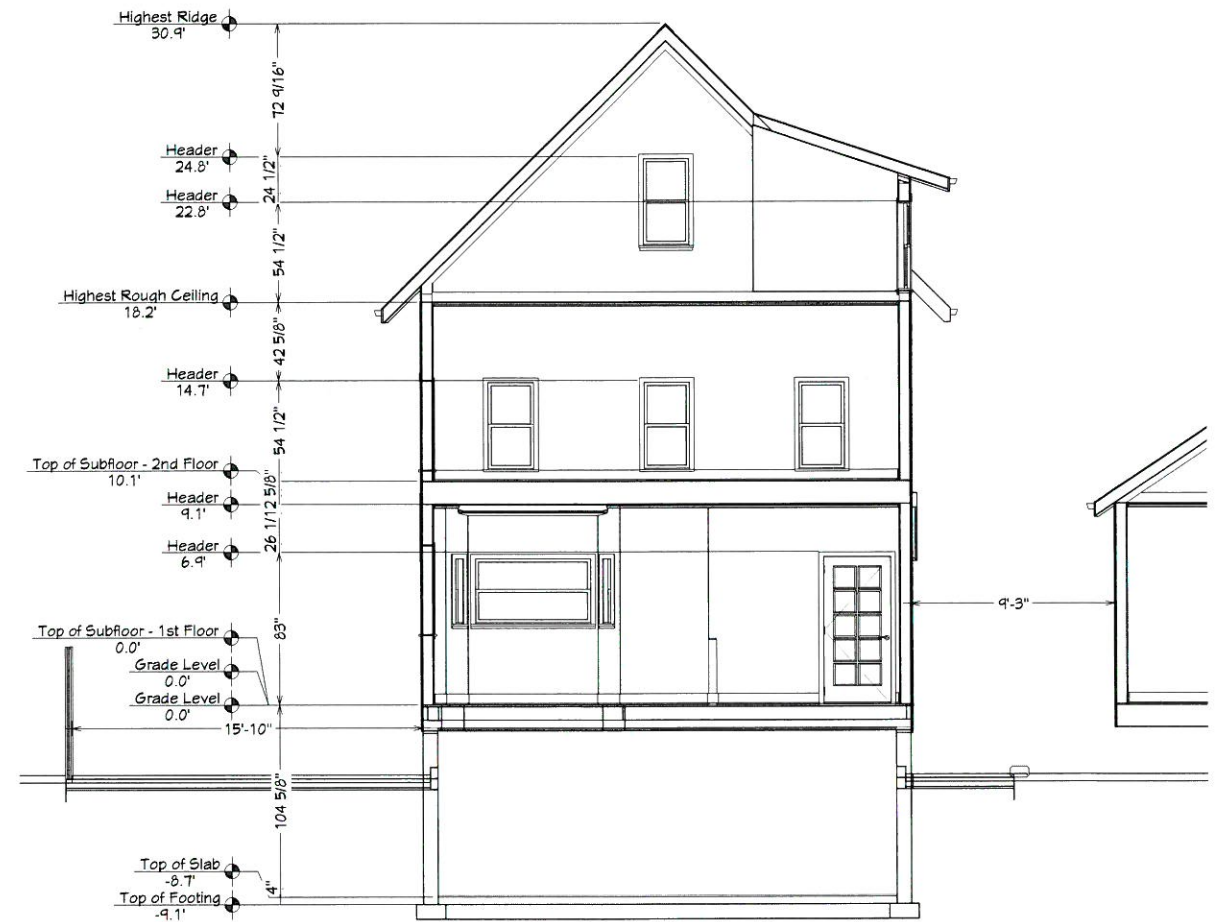
DATE:

12/2/16

SCALE:

1/4"=1'

SHEET:



CROSS SECTION FRONT TO BACK



CROSS SECTION LEFT TO RIGHT



SCHOOL ST

SIDEWALK

FRONT 38'

PORCH

NEXT HOUSE

LIVING AREA  
1172 SQ FT

1st Floor

GILMAR COSTA  
housestech@gmail.com  
774-300-1928

ADAILTON  
PROPOSED WORK  
GABLE DORMER

217 SHOOL ST  
SOMERVILLE-MA

TOP  
DRAWINGS



DATE:

12/2/16

SCALE:

SHEET: