

Floor Area Ratio Calculation

Zone District — SR1

Allowable FAR = 0.27Allowable GFA = 6,333 s.f.

Existing House

Basement Floor Area = 1,626 s.f. First Floor Area = 3,272 s.f. Second Floor Area = 2,828 s.f. Attic Floor Area = 825 s.f.

Total Gross Floor Area = 8,551 s.f.

8,551 S.F./23,455 S.F. = 0.3645

Existing F.A.R. = 0.3645

Existing Coverages:

Structure = 14.26%

Open Space = 71.43%

Note:

Floor Area Ratio Calculation Prior to October 15, 2011
Allowable F.A.R. = 0.25
F.A.R. Per Building Permit = 0.2483

Existing Plot Plan

37 Baldpate Hill Road Newton, Massachusetts

Scale: 1"=20' January 15, 2013
VERNE T. PORTER Jr., PLS

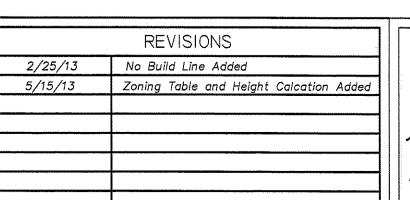
Land Surveyors — Civil Engineers 354 Elliot Street Newton, MA 02464

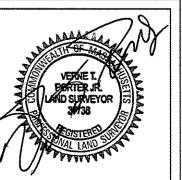
Drawing # 02061econ2

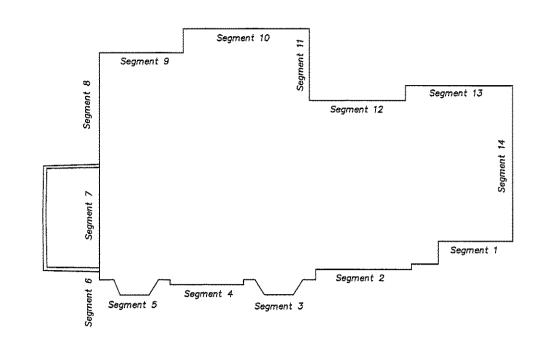
Drawn By: R. Arpino

Checked By: V. Porter Jr.

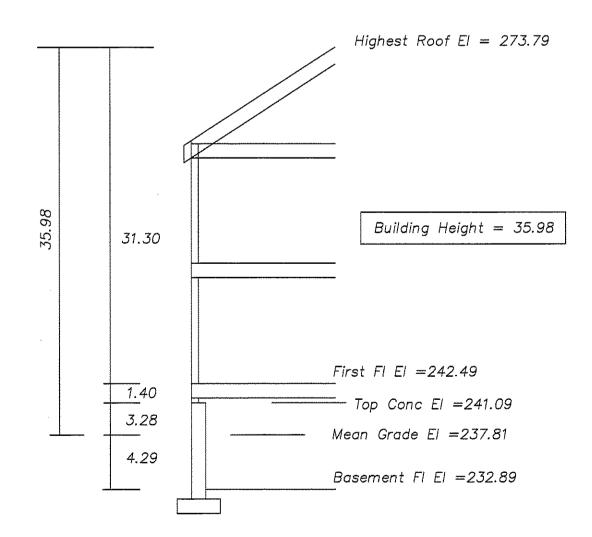
20 40 60 80 Sheet 2 of 4





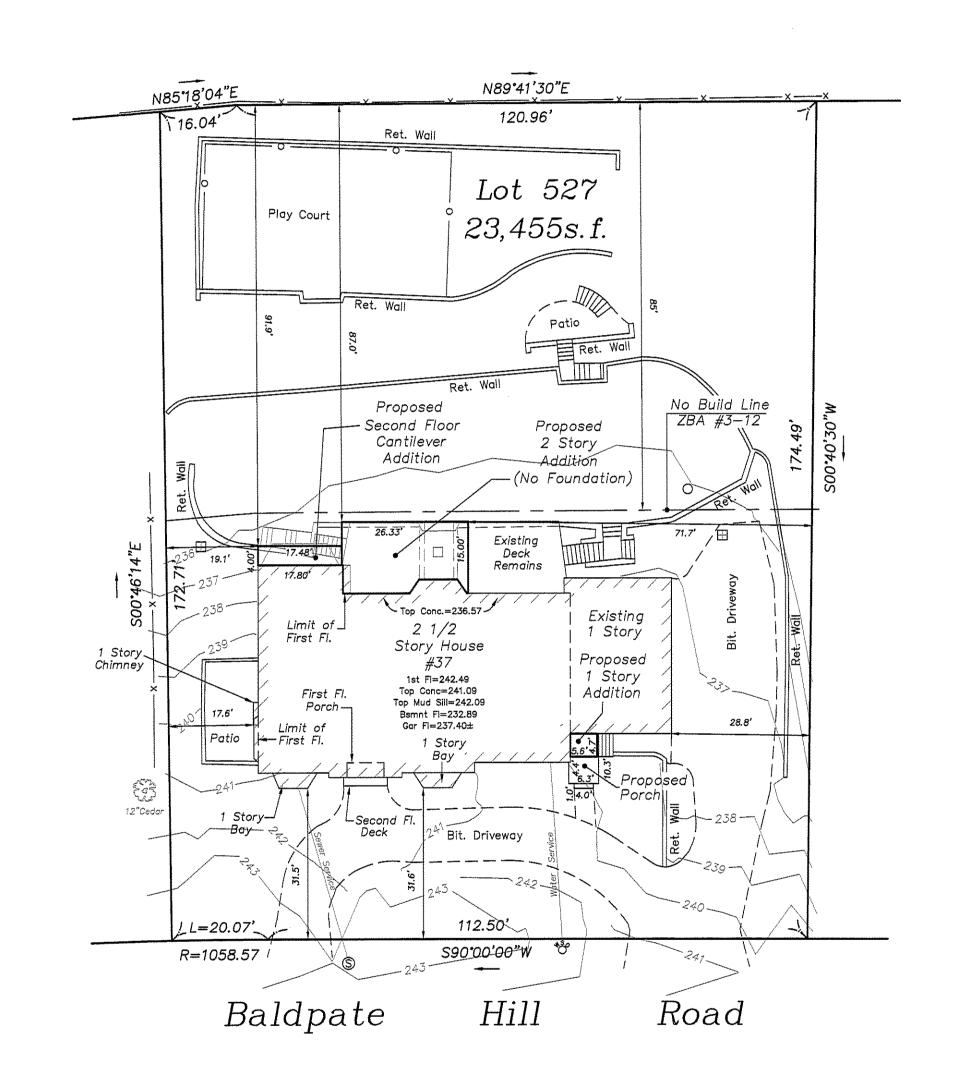


SEGMENT	L	E1	E2	E1+E2/2	хL
1	15.50*	237.10	237.10	237.10	3675.05
2	19.96'	241.10	242.30	241.70	4824.33
3	6.00'	242.30	241.50	241.90	1451.40
4	15.30'	241.50	241.60	241.05	3688.06
5	6.00'	241.60	241.00	241.30	1447.80
6	1.65'	241.00	241.00	241.00	397.65
7	22.29'	242.10	242.10	242.10	5396.40
8	23.24'	239.80	236.40	238.10	5533.44
9	17.48'	236.30	236.30	236.30	4130.52
10	<i>26.3</i> 3'	233.10	233.10	233.10	6137.52
11	15.00*	233.10	236.70	234.90	3523.50
12	20.30'	236.70	236.70	236.70	4805.01
13	22.35	236.70	236.80	236.75	5291.36
14	32.40*	236.80	237.10	236.95	7677.18
Total	243.80				57,979.22

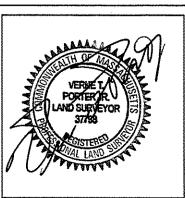


Minimum Average Required Below Grade =4.10 Basement Floor to Average Mean Grade =4.92 $\frac{8.20}{2}$ = 4.10

Basement Does Not Count as a Story



REVISIONS 2/25/13 No Build Line Added Zoning Table and Height Calcation Added



Floor Area Ratio Calculation Zone District - SR1 (Old)

Allowable F.A.R. = 0.27Allowable G.F.A. = 6,333 s.f. Old Lot Status Bonus = 0.02 (469 S.F.)

Allowable F.A.R. Including Bonus = 0.29Allowable G.F.A. Including Bonus = 6,680 s.f.

Existing House

Basement Floor Area = 1,626 s.f. First Floor Area = 3,272 s.f. Second Floor Area = 2,828 s.f.

Attic Floor Area = 825 s.f.

Proposed House

Basement Floor Area = 1,820 s.f. First Floor Area = 3,639 s.f. Second Floor Area = 3,279 s.f. Attic Floor Area = 825 s.f.

Total Gross Floor Area = 8,551 s.f.

Total Gross Floor Area = 9,563 s.f.

8,551 S.F./23,455 S.F. = 0.3645

9,563 S.F. /23,455 S.F. = 0.4077

Existing F.A.R. = 0.3645

Proposed F.A.R. = 0.4077

Existing Coverages: Structure = 14.14%Open Space = 71.64% Proposed Coverages: Structure = 16.09%

Open Space = 71.43%

Note:

Floor Area Ratio Calculation Prior to October 15, 2011 Allowable F.A.R. = 0.25F.A.R. Per Building Permit = 0.2483

Zoning	Required	Existing	Proposed	
SR-1 (Old)				
Min. Lot Area	15,000	23,455		
Setbacks				
Front (Avg)	25'	31.5'	31.5'	
Side	12.5'	17.6'	17.6'	
Rear	25'	91.4'	87.0'	
Lot Coverage	%	%	%	
Structure	20%	14.14%	16.09%	
Open Space 65%		71.64%	71.43%	
FAR 0.29(6680sf)		0.36(8551sf)	0.40(9563sf)	

Proposed Addition Plot Plan

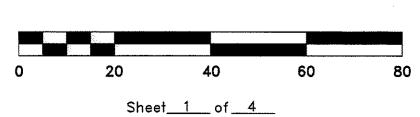
37 Baldpate Hill Road Newton, Massachusetts

Scale: 1"=20'

January 15, 2013

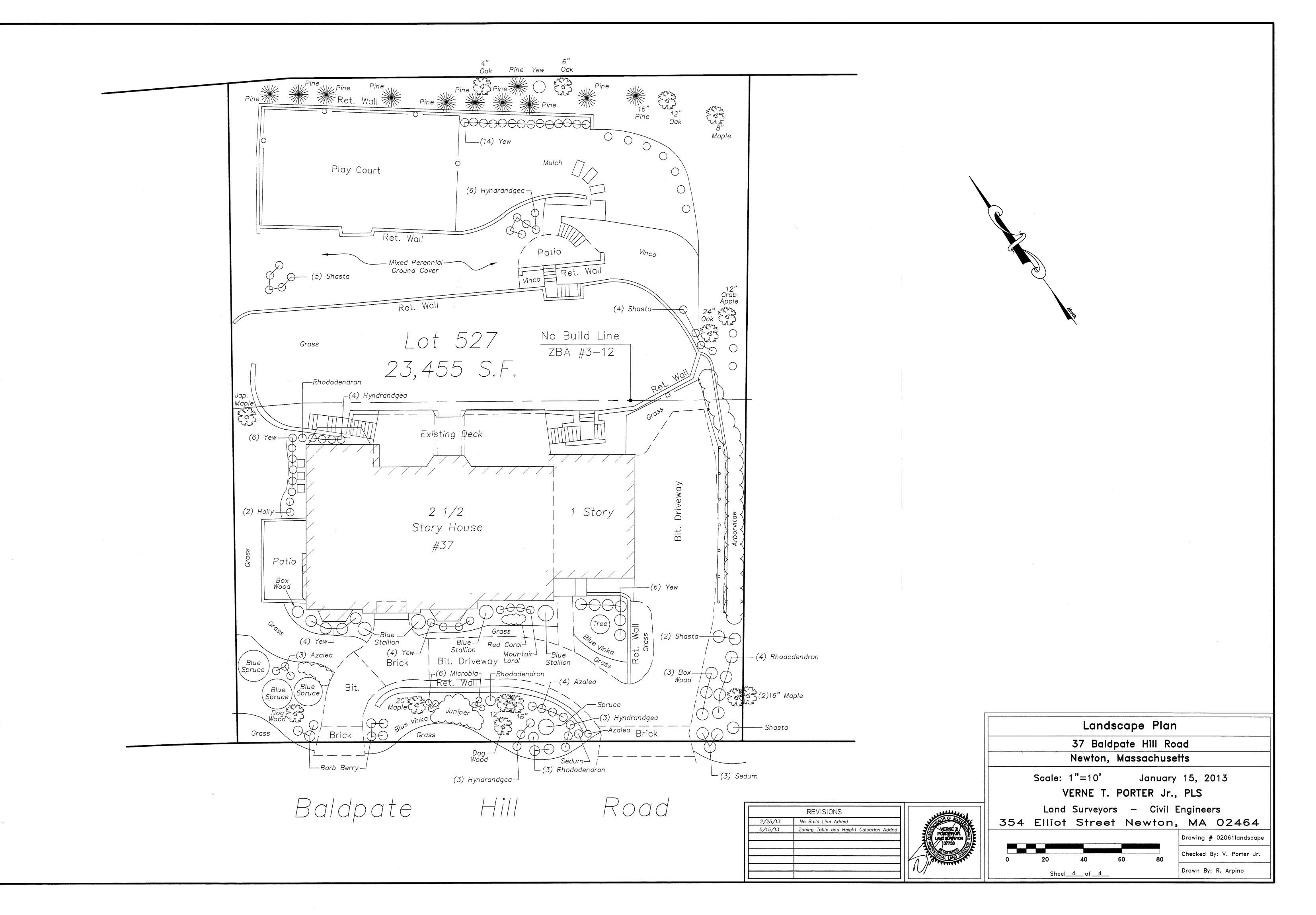
VERNE T. PORTER Jr., PLS Land Surveyors — Civil Engineers

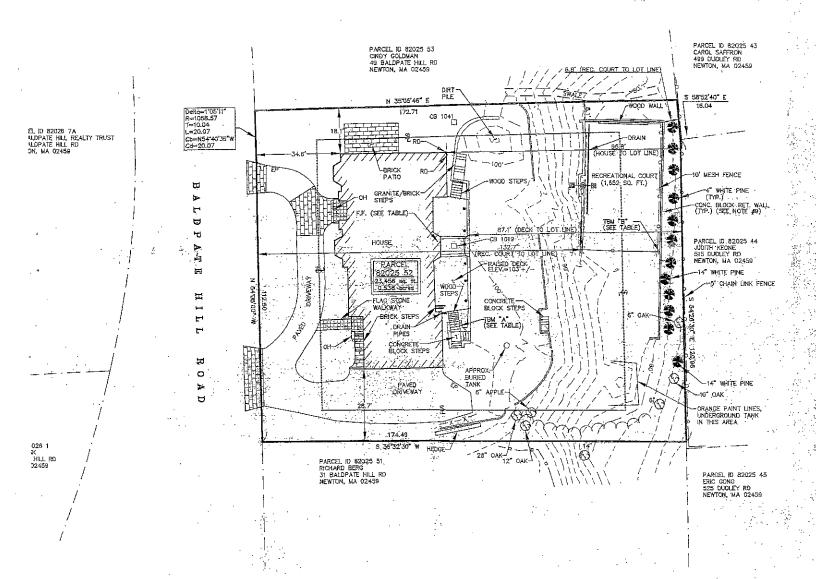
354 Elliot Street Newton, MA 02464

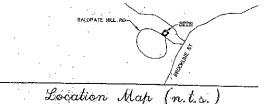


Drawing # 02061pcon3 Checked By: V. Porter Jr.

Drawn By: R. Arpino







NOTE

- E REFERENCE: CITY OF NEWTON, MA. PARCEL ID 82025 52
- 2 TOTAL PARCEL AREA 23 456 SQ FT OR 0.536 AC.
- 3: OWNER OF REGORD: 37 BALDRATE HILL ROAD NOMINEE, TRUST
 RATELERS WIGHT HUSTEE
 37 FANDRATE HILL ROAD
 REWROWS MA 102459
 GER HICAR NO. 30229379
- A ZONE: SAI (LOT CREATED BEFORE 112/07/53)
 ONENSIONAL REQUIREMENTS (PER CITY WEBSITE):

MIN LOT AREA	REQUIRED	EXISTING	
MIN, FRONT SETEACK	100 ∖rü 25 ft	132,57 ft. 34.6 ft. (HOUSE)	132,7 ft. (REC. COURT
MINASIDE SETBACK	12.5 44	18.1. ft. (HOUSE)	8:1 ft. (REC. COURT)
MAXIMBUILDING THEIGHT	30 ft.	28 ft	6.8 ft. (REC. COUNT)
MAX BUILDING COVERA MIN, OPEN SPACE	65%	15% 73%	

- .5. FIELD SURVEY PERFORMED BY PUSS & L.P.S. ON 3/09 USING A GEODIMETER
 600 PRO TOTAL STATION WITH A RANGER TOS DATA COLLECTOR AND A SOCKIA B20
 AUTO LEVEL TRAYERSE ADJUSTMENT BASED ON LEAST SQUARE ANALYSIS.
- 6. FLOOD HAZARO ZONE C. PER COMMUNITY PANEL # 25020800040 DATED 6/04/90.
- Z HORIZONTAL BATUM BASED ON REFERENCE PLAN.
- B. VERTICAL DATUM IS BASED ON ASSUMED ELEVATION OF 100.00' ON BASEMENT TILE.
- 9. ALL RETAINING WALLS ON SITE ARE MADE OF PRE-FABRICATED CONGRETE BLOCKS.

REFERENCE PLAN

PEAN ENTITIED "SUBDIVISION PLAN OF LAND IN NEWTON" BY ROWLIND H. BARNES & CO.
CIMERONICERS NOVEMBER 6, 1954 FRED IN THE OFFICE OF THE LAND COURT IN THE
MIDDLESEX SOUTH PEGISTRY OF DEEDS AS PLAN NO. 14443-17.

TOPOGRAPHIC PLAN OF LAND OF

7 BALDPATE HILL ROAD TRUST

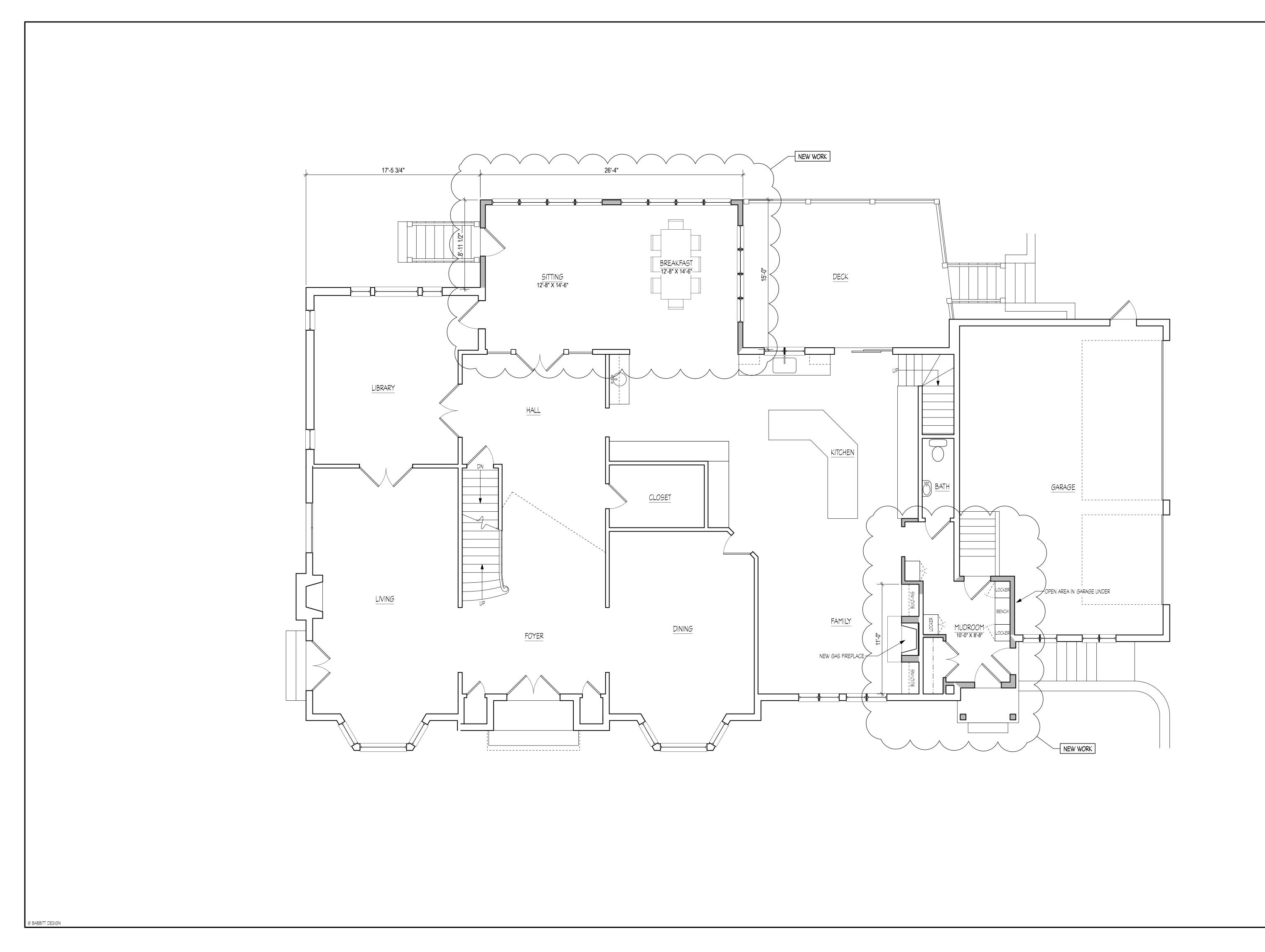
LOCATED AT

37 BALDPATE HILL ROAD NEWTON, MASSACHUSETTS

DRAWN BY:	M.W.F.		DATE: N	1ARE	H 20	200	9
CHECKED BY: '	J.F.K.	· .	DRAWNG	NO.	27	76A	
JOS NO.:	2776	-}	SHEET	1	or	1.	







CMD Design Inc.

One Hollis Street, Suite 335 Wellesley,MA 02482 phone: 781-235-7065

LEGEND

EXISTING WALL

NEW WALL

REVISIONS

NO. DATE

PROJECT:

RESIDENCE 37 BALDPATE HILL RD.

NEWTON, MA

SHEET TITLE:

PROPOSED FIRST FLOOR PLAN

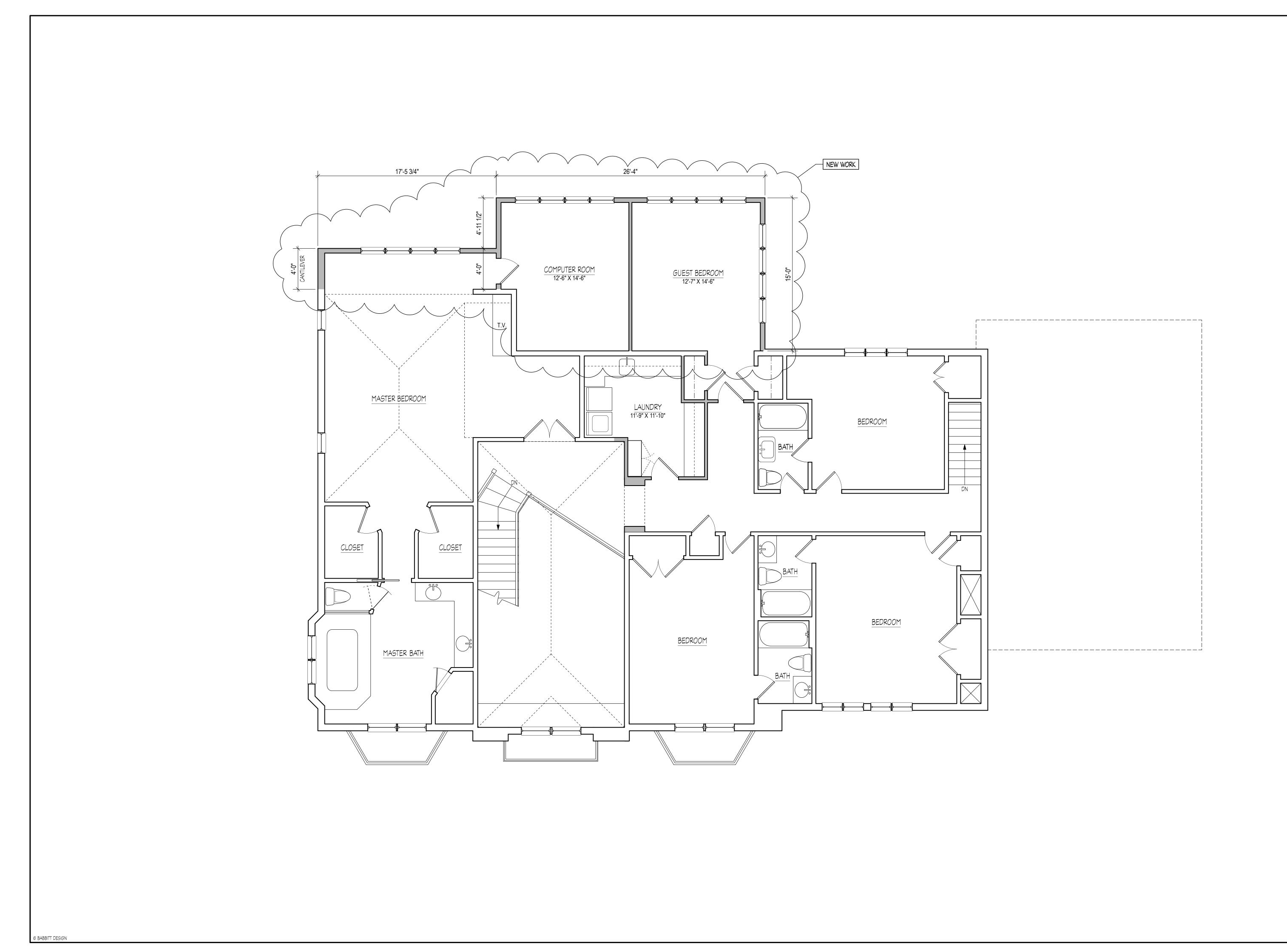
 SCALE:
 1/4" = 1'-0"

 PROJECT #:
 211276

 DATE:
 JANUARY 23, 2013

DRAWING #:

A-1



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LEGEND

EXISTING WALL

NEW WALL

REVISIONS NO. DATE

PROJECT:

RESIDENCE 37 BALDPATE HILL RD. NEWTON, MA

SHEET TITLE:

PROPOSED SECOND FLOOR PLAN

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

 PROJECT #:
 211276

 DATE:
 JANUARY 23, 2013

DRAWING #:

A - 2



FRONT ELEVATION

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REVISIONS

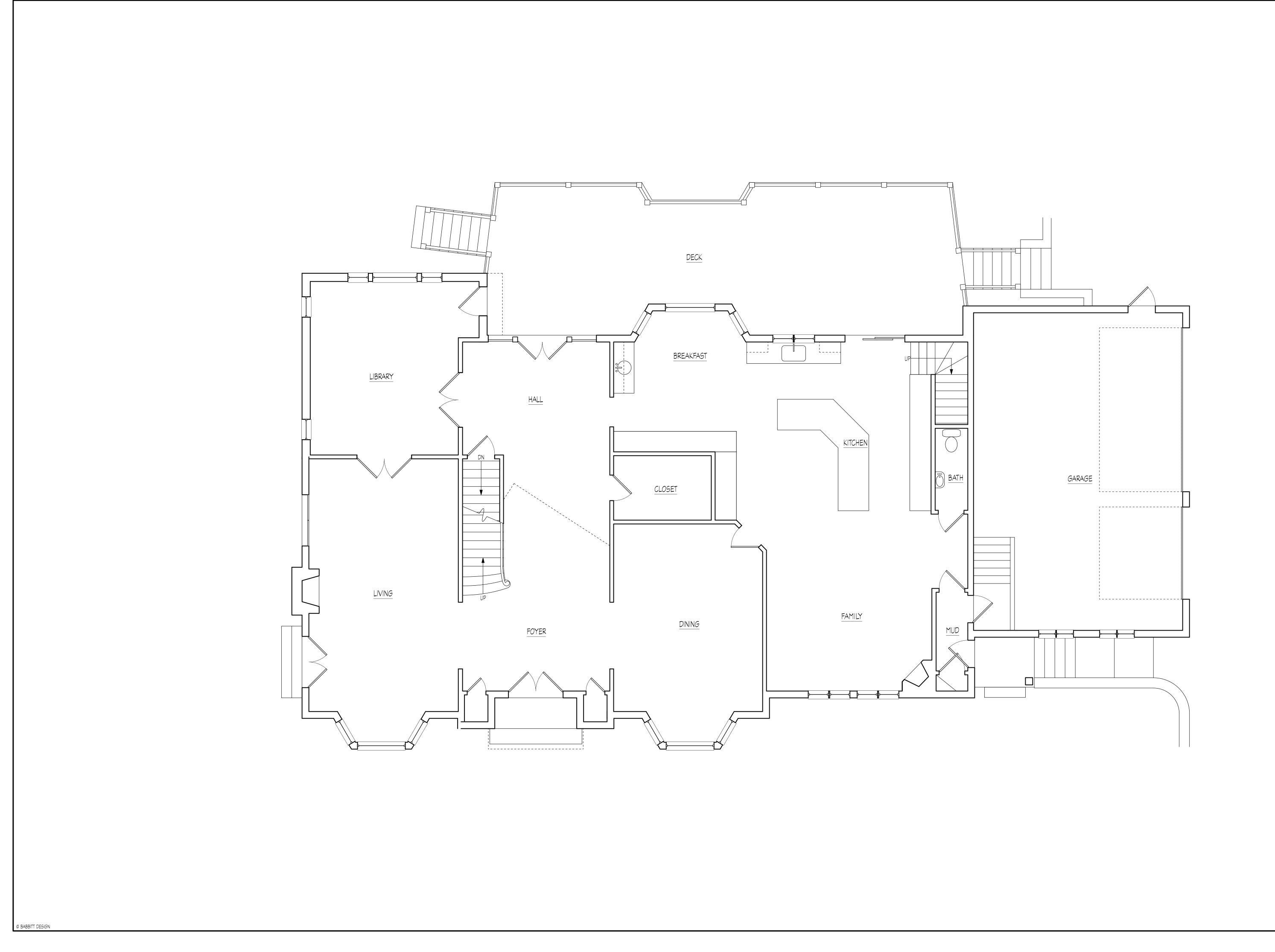
37 BALDPATE HILL RD.

PROPOSED FRONT \$ RIGHT SIDE ELEVATIONS

1/4" = 1'-0" JANUARY 23, 2013



1/4" = 1'-0"



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LEGEND

EXISTING WALL

NEW WALL

REVISIONS

NO. DATE

PROJECT:

RESIDENCE 37 BALDPATE HILL RD. NEWTON, MA

SHEET TITLE:

EXISTING FIRST FLOOR PLAN

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

 PROJECT #:
 211276

 DATE:
 JANUARY 23, 2013

DRAWING #:

A - 5

DECK _____ ______ MASTER BEDROOM LAUNDRY OFFICE BEDROOM CLOSET BEDROOM BEDROOM MASTER BATH @ BABBITT DESIGN

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LEGEND

EXISTING WALL

NEW WALL

REVISIONS

NO. DATE

PROJECT:

RESIDENCE 37 BALDPATE HILL RD. NEWTON, MA

SHEET TITLE:

EXISTING SECOND FLOOR PLAN

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

 PROJECT #:
 211276

 DATE:
 JANUARY 23, 2013

DRAWING #:

A - 6