



PAST DESIGNS  
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207 985 4326  
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Land Use Committee  
Newton Board of Aldermen  
Newton City Hall  
1000 Commonwealth Avenue  
Newton MA 02459

July 23, 2014

Members of the Land Use Committee:

I am pleased to present the proposed landscape plans for 93 Bellevue Avenue, Newton. The landscape plan has been developed with four goals in mind:

1. Respect the historic character of the property (house built 1875) and its surrounding neighborhood.
2. Be sensitive to the existing site features.
3. Meet the needs of the client and the family's use of the property.
4. Respect the safety considerations and other legal and conditional terms of the property.

The enclosed plans have been developed with respect to these conditions and in concert with the client, the architect, and the project team. For purposes of this description, project south is the street edge of the property. North is at the top of the drawings. The following paragraphs outline the ways in which the proposed landscape plans have been prepared with respect to these considerations.

#### Landscape Design

Victorian landscape designs in the greater Boston area followed the aesthetic concepts of the English landscape school, which promoted "nature enhanced" landscape designs. Boston area parks, cemeteries and rural estates developed this tradition for curvilinear (instead of straight) lines, and meandering paths and driveways that enhanced the natural and scenic views of the property. Except for the main entry turnaround, driveways were pushed to the edges of the property, meandering through a tree belt as they wound their way to service yards and fields. After 1850, expanses of open lawns, which now could be mown, provided the site and setting for the house. Specimen trees, urns and ornamental flower beds broke the greenswards in key locations to enhance views from the primary rooms of the house.

The proposed landscape plan respects these historic traditions and the existing character of the property. The sloped nature of the site demands careful consideration in planning the driveway and garden designs. The only flat lawn areas exists on the east side of the house; the rest of the site is characterized by dramatic slopes that fall away from the main house and provide beautiful views down onto the lower lawns. There is limited

space between the main house and western property line, affording room enough for a small garden area and path to access the doors on this side of the house.

### Trees and Plantings

The many large trees that dominate the site are a significant asset and were carefully considered in all aspects of the landscape design. Out of 1,338" of trees over 8" DBH, the design requires the removal of 4 trees, a total of 108" DBH (8% of the total tree inches current on the property). One of these trees, a 50" ash is in significant decline. Two hemlocks are part of the wooded over-story on the east side of the property. These trees were not specimen trees, significantly impacted by the close proximity of the plantings in this area. With the threat of woolly adelgid that plagues this species, they were considered to be of limited landscape value to the existing property features. One 30" maple that currently grows along a lower path off the northeast corner of the house is to be removed to allow for the alignment of the new garden design.

A narrow tall evergreen hedge is proposed for the western property boundary. The narrow spatial limitations and existing plantings were carefully considered in building this privacy screen. The eastern property boundary is characterized by mixed evergreen (pine, hemlock) and deciduous trees (maple, ash, ornamentals) planted as a woodland border. The proposed plan calls for adding several additional trees and understory shrubs to this mix, to provide a new generation of trees to continue the wooded feel and to add seasonal ornamental interest to the understory.

At the front of the house some existing shrubs (rhododendrons and small dogwoods) will be relocated to accommodate the new driveway turnaround. These shrubs will be relocated nearby in the existing border plantings, screening the house and the front yard from view of the street.

The lawn areas are broken with existing and new specimen trees, placed to enhance views from the primary house windows. Ornamental garden beds break the lawn at the porte cochere and in the small garden off the northeast corner of the house. North of the driveway the lawn drops dramatically down the hillside, following the existing site contours, to the rear of the property. A low hedge separates the garden from the driveway and rear parking court. Specimen shade and ornamental trees add seasonal interest and define the edges of the garden area.

### Driveway

An entry turnaround under the porte cochere provides access to the front door. The small guest parking area near the side entrance is an expansion of existing site parking in this location. The client hoped to eliminate the existing right of way exit out of the property at the front of the house, so the entry drive turns back in a long oval sweep across the front yard. Its layout mirrors other period driveway designs for Boston suburban estates of the 1870s. The driveway continues through the trees along the edge of the property eventually turning across the existing crest of the slope into the rear garage and service courtyard.

This driveway design does not interrupt the open views to the house across the east lawn, protects the specimen oak that dominates the east side of the house, and follows the smaller drop in elevation of the hillside. In its layout and landscape treatment, this driveway mirrors the traditional circulation systems of driveways and carriage paths of 1870's Victorians.

Page 3

Lighting

There are currently 6 post lights along the existing driveway and pedestrian paths. These lights are approximately 18" Colonial lantern-style luminaires set on 6' posts. We are proposing to remove these fixtures and replace them with a total of 8 new lights consisting of 7'6" black Victorian iron posts with Victorian frosted globes. The lights have been placed well within the confines of the property to not spill any light onto adjacent neighbor's properties. These lights have been selected to enhance the 1870's Victorian aesthetic and to complement the house fixtures.

I am happy to answer any questions you may have about details of the proposed landscape design. Thank you for your thoughtful considerations of these details.

Sincerely yours,



Lucinda A. Brockway  
Past Designs LLC

# Rashes Residence

## 93 Bellevue Street

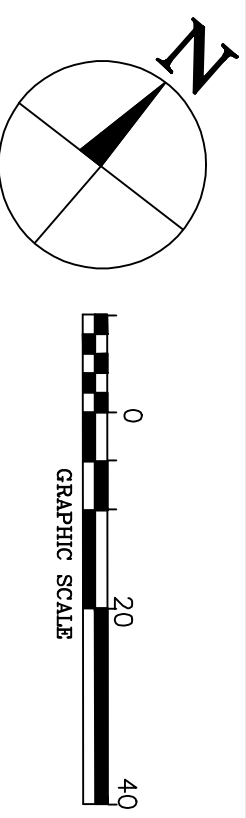
### Newton MA

# Landscape Plan, Existing Features & Tree Removals

**Base: Existing Conditions**  
Site Plan

Verne T. Porter Jr. LTS  
9.9.13 Rev. 10.25.13

For Client Review



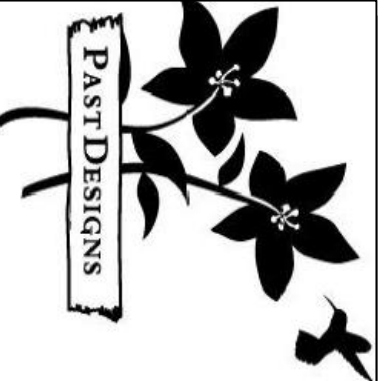
Sheet: PD-L1

Date: Rev. 7.23.14

Rev:

## Notes

House plans provided by  
Stocum Hall Design Group



Past Designs  
53 High Street  
Kennebunk ME 04043  
207-985-4326  
www.pastdesigns.com

EXISTING TREES  
AC ACER SACCHARUM  
AL ALBIZIA JULIBRISIN  
AP ACER PLATANOIDES  
AS ACER SACCARINUM  
CA CATALPA SPECIOSA  
CH CHAMAECYPARIS SP.  
CO CORNUS FLORIDA  
FA FAGUS SYLVATICA  
FC FAGUS S. COLUMNARIS  
FR FRAXINUS AMERICANA  
HY HYDRANGEA P.G. TREE  
ME METASEQUOIA GLYPTOSTROBILIDES  
PC PICEA SP.  
PI PINUS SYLVESTRIS  
QU QUERCUS ALBA  
RH RHODODENDRON CATAWBIENSE  
TI TILIA AMERICANA  
TS TSUGA CANADENSIS

Trees to be Removed:  
1 50" Froxinus americano  
1 30" Acer rubrum  
1 18" Tsuga canadensis  
1 10" Tsuga canadensis



# Rashes Residence

## 93 Bellevue Street

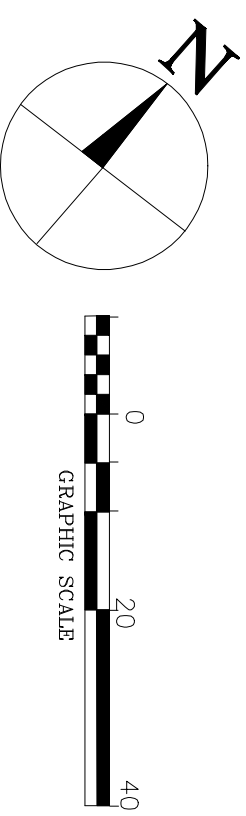
### Newton MA

# Landscape Planting Plan

**Base: Existing Conditions**  
**Site Plan**

Verne T. Porter Jr. LTS  
9.9.13 Rev. 10 25 13

For Client Review



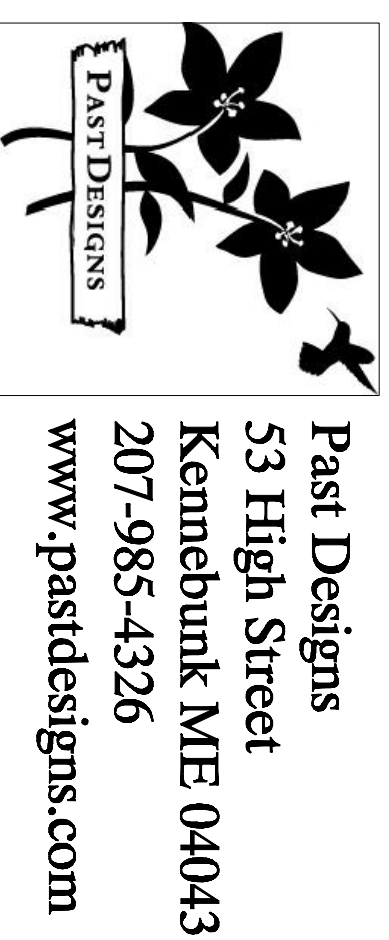
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Date: Rev. 7.23.14

Rev:

## Notes

House plans provided by  
Stocurn Hall Design Group



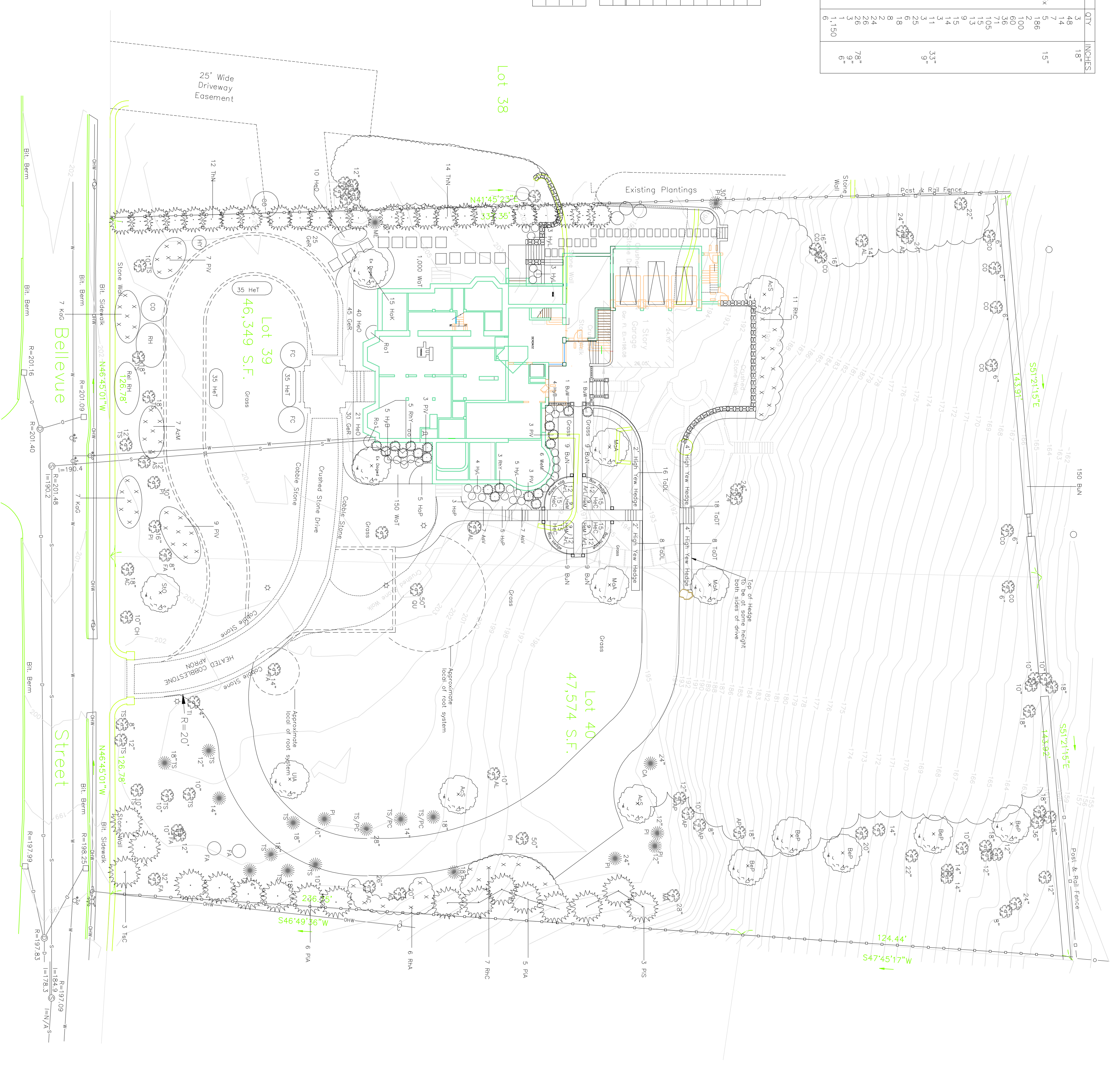
KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY	INCHES
AS	Acer saccharum	Sugar Maple	6"	3	18"
AV	Asterias ludoviciana	Valerie Finns	1 G	48	
AV	Asterias ludoviciana	Valerie Finns	1 G	14	
AZ	Azalea	Azalea	5 G	7	15"
AZM	Azalea (Rhododendron) Mory Fleming	Birch	3"/C/8'	5	
BAP	Betula papyrifera	Boxwood	24"	2	
BUN	Buxus Newport Blue	Boxwood	24"	2	
BUN	Buxus Wintergreen	Boxwood	24"	2	
BR	Geranium Rozanne	Geranium	1 G	40	
BR	Geranium Rozanne	Geranium	1 G	36	
HEO	Heuchera Montrose Ruby	Coral Bells	1 G	36	
HEO	Heuchera Obsidian	Coral Bells	1 G	71	
HEO	Heuchera Tiramisu	Coral Bells	1 G	105	
HOK	Hosta Krossa Regal	Hosta	1 G	15	
HOK	Hosta The Patriot	Hosta	1 G	13	
HYB	Hydrangea m. Blushing Bride	Hydrangea	5 G	9	
HYB	Hydrangea m. Blushing Bride	Hydrangea	5 G	9	
KOC	Koeleria corymbosa	Mountain Laurel	36"	12	
MOA	Moockia amurensis	Moockia	56"	3	
PIA	Picea abies	Norway Spruce	10-12' mixed	3	33"
PIS	Pinus strobus	White Pine	8-10'	3	9"
PJV	Platanus J. Valley Rose	Andromeda	36"	3	25
RHA	Rhododendron cat. alburn	Rhododendron	36"	6	18
RHC	Rhododendron cat. Boursault	Rhododendron	36"	6	18
RHY	Rhododendron chinoides	Rhododendron	36"	8	9
RHY	Rhododendron chinoides	Rhododendron	36"	8	9
RHY	Rhododendron chinoides	Rhododendron	36"	8	9
TAD1	Toxus medii	Japanese Yew	2'-2.5'	24	26
TAD1	Toxus medii	Japanese Yew	4'-4.5'	24	26
TAD1	Toxus medii	Japanese Yew	14-16'	3	1,150
TAN	Thuja occidentalis	Arctostaphylos	8-10'	6	9"
TSC	Thuja canadensis	Hemlock	8-10'	3	6"
UJA	Ulmus americana	Valley Forge	6"	1	1,150
WST	Waldsteinia ternata	Waldsteinia	36"	6	
WST	Waldsteinia ternata	Waldsteinia	36"	6	

### TREE REPLACEMENT CALCULATIONS

REMOVED TREE	REPLACEMENT INCHES, CALCULATIONS & SPECIES
1 50" Fraxinus americana	9" 3 8-10" (Approx 3" C) Pinus strobus
15"	5 10-12" (Approx 3" C) Picea abies
27"	9 14-16" (Approx 3" C) Thuja occidentalis
18"	3 6" C Acer saccharum
12"	4 3" C Betula papyrifera
9"	3 10-12" (Approx 3" C) Thuja occidentalis
6"	1 6" C Ulmus americana
2 14-16" (Approx 3" C)	Thuja occidentalis
Total Inches Removed:	108"
Total Inches Added:	111"

TOTAL TREE INCH CALCULATIONS FOR PROPERTY		
Total Existing Inches:	1,338"	Does not include trees under 6" DBH
Total Inches Removed:	108"	
Total Inches Added:	168"	Total all trees in proposed plan

- EXISTING TREES
- AC ACER SACCHARUM
  - AL ALBIZIA JULIBRISIN
  - AP ACER PLATANOIDES
  - AS ACER SACCARINUM
  - CA CATALPA SPECIOSA
  - CH CHAMACEYPARIS SP.
  - CO CORNUS FLORIDA
  - FA FAGUS SYLVATICA
  - FC FAGUS S. COLUMNARIS
  - HY HYDRANGEA P.G. TREE
  - ME METASEQUOIA GLYPTOSTROBODES
  - PC PICEA SP.
  - PI PINUS SYLVESTRIS
  - QU QUERCUS ALBA
  - RH RHODODENDRON CATAWBIENSE
  - TI TILIA AMERICANA
  - TS TSUGA CANADENSIS



# Rashes Residence

## 93 Bellevue Street

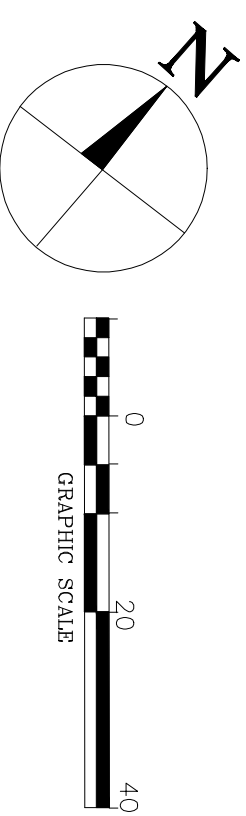
### Newton MA

## Exterior Lighting

**Base: Existing Conditions**  
**Site Plan**

Verne T. Porter Jr. LTS  
 9.9.13 Rev. 10.25.13

For Client Review



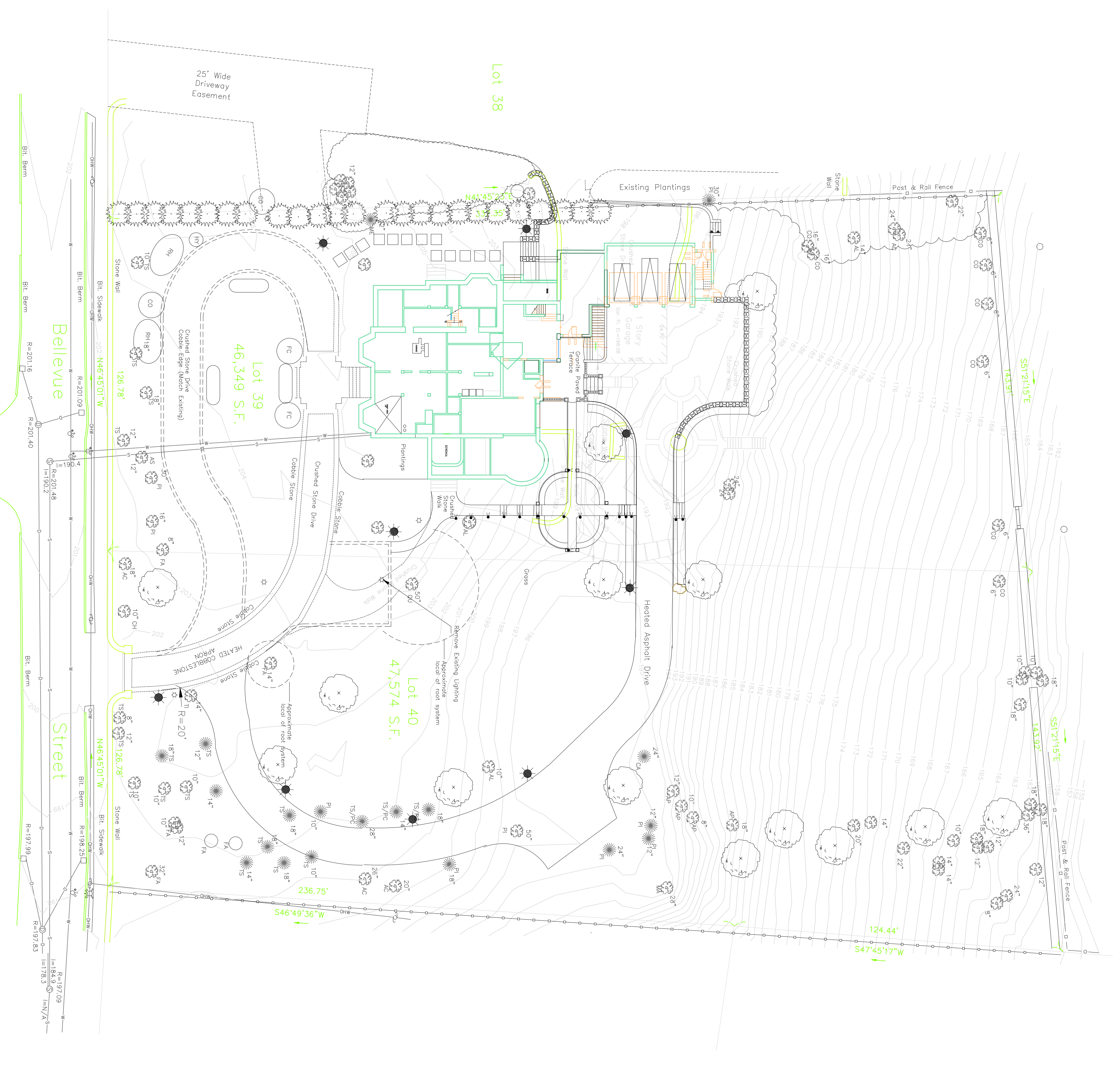
**Sheet: PD-L3**  
**Date: Rev. 7.23.14**  
**Rev:**

### Notes

House plans provided by  
 Slocum Hall Design Group

Past Designs  
 53 High Street  
 Kennebunk ME 04043  
 207-985-4326  
 www.pastdesigns.com

KEY	MANUFACTURER & LIGHT MODEL	QTY
●	Herman WMA 7'6" Post with #897 post lantern	8
▲	Cost Lighting LED Deck Light CDULED1	2
●	Cost Lighting New Orleans Palm Light CNO1CB / CALED1	16





93 Bellevue Street

Newton, Massachusetts

~Area Plan~

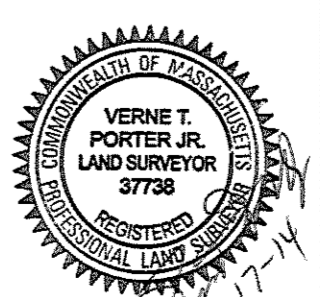
to Accompany the Petition of  
Michael & Dena Rashes

Section 12 - Block 21 - Lot 39 & 40

Scale: 1"=50' May 12, 2014

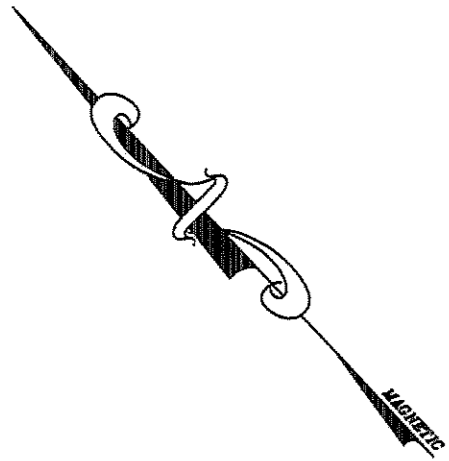
VERNE T. PORTER Jr, PLS  
Land Surveyors - Civil Engineers  
354 Elliot Street Newton, Massachusetts 02464

REVISIONS	
DATE	DESCRIPTION
7-18-14	Driveway, Garage, Drainage

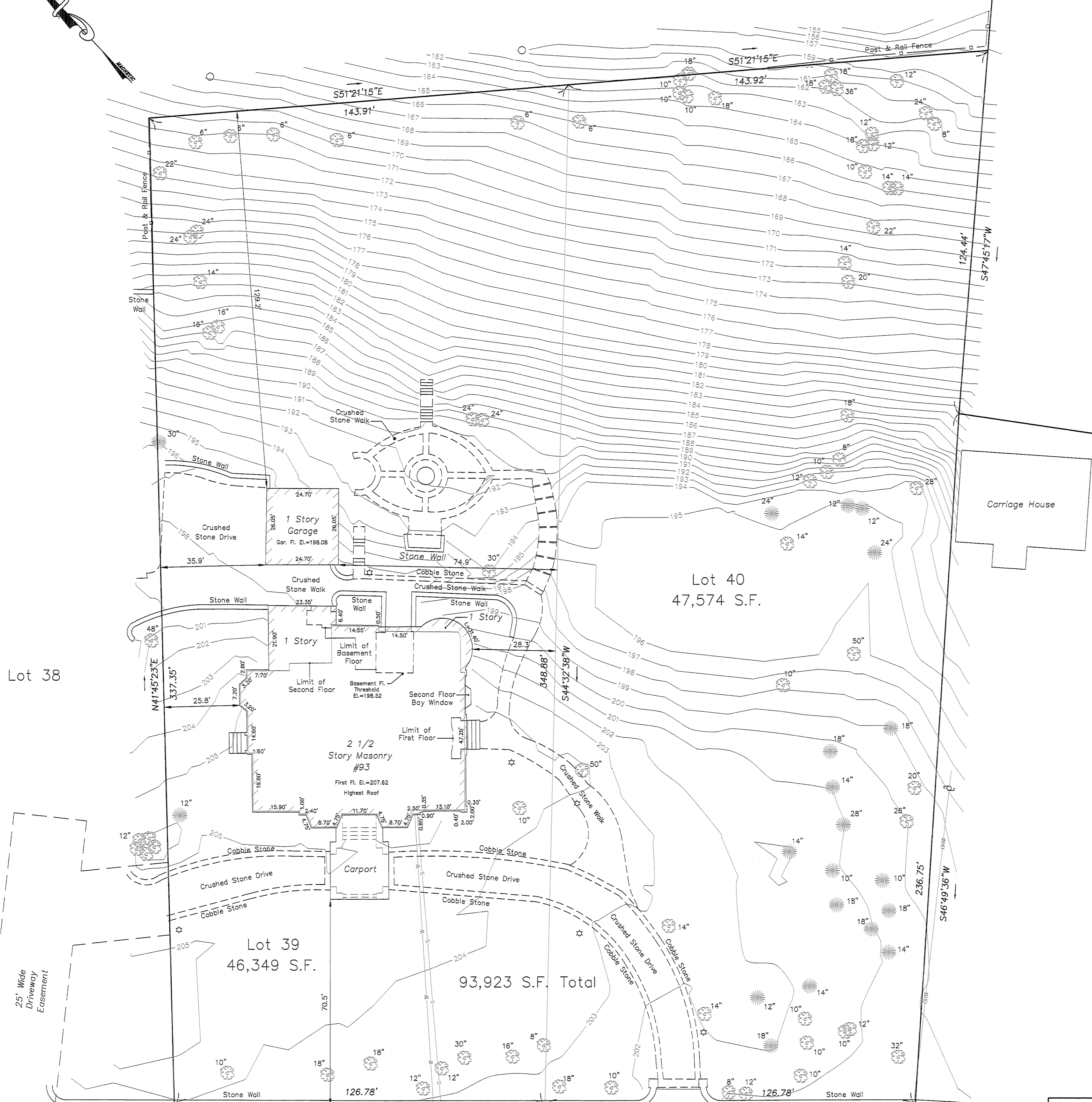


Sheet 1 of 4

Design By:  
Checked By:  
Drawn By:



Bennington Street



SEGMENT	L	E1	E2	E1+E2/2	xL
1	16.00'	204.70	205.30	205.00	3280.00
2	8.70'	205.0	205.0	205.0	1783.50
3	11.70'	205.0	205.0	205.0	2398.50
4	8.70'	205.0	205.0	205.0	1783.50
5	15.90'	205.30	205.30	205.30	3264.27
6	19.80'	205.50	205.50	205.50	4068.90
7	14.60'	205.2	204.5	205.25	2996.65
8	7.20'	204.2	204.0	204.1	1469.52
9	7.70'	203.60	203.30	203.30	1565.41
10	21.90'	203.00	200.50	201.75	4418.325
11	23.35'	198.15	197.80	197.975	4622.72
12	6.40'	197.60	197.70	197.65	1264.96
13	14.55'	197.70	197.70	197.70	2876.535
14	11.20'	197.70	197.70	197.70	2214.24
15	3.30'	199.00	200.00	199.50	658.35
16	31.40'	200.00	203.00	201.50	6327.10
17	49.25'	203.00'	204.70	203.85	10039.62
<b>Total</b>	<b>271.65'</b>				<b>55032.08875</b>

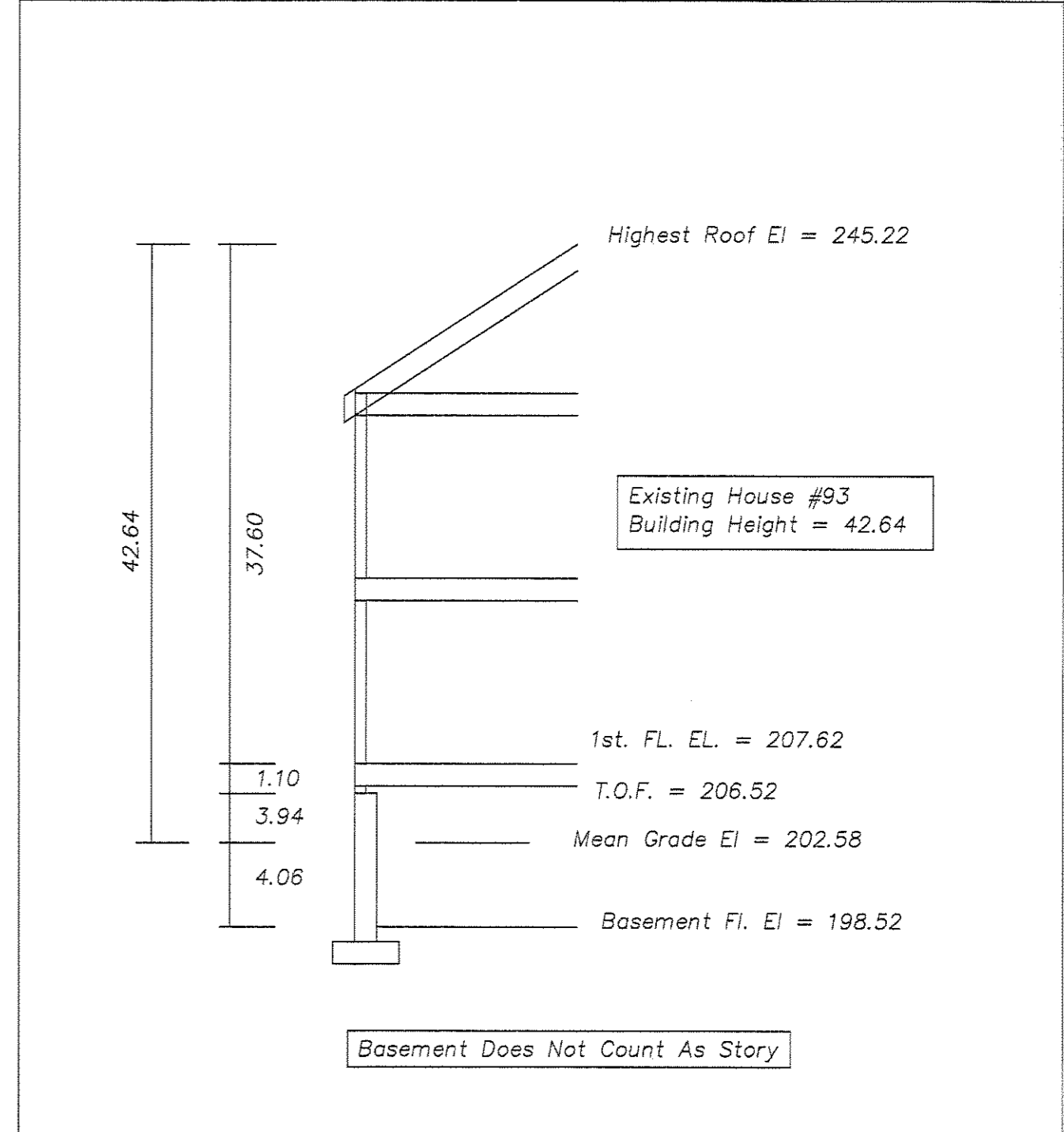
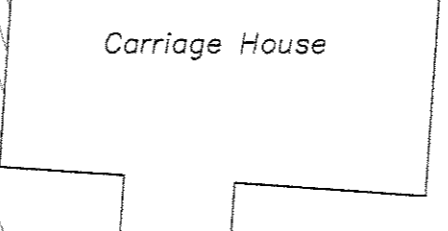
55032.08875/271.65' = 202.58  
Existing House #93 Mean Average Grade El. = 202.58

Lot 38

Lot 40  
47,574 S.F.

Lot 39  
46,349 S.F.

93,923 S.F. Total



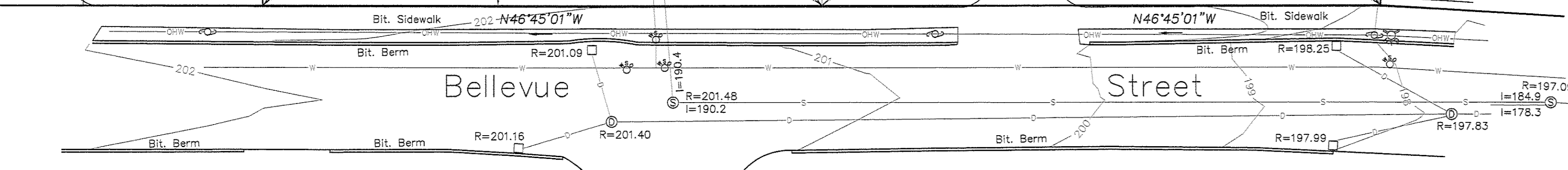
Existing  
Lot Coverage = 6.54%  
Open Space = 88.48%

Existing utilities shown are from field locations, available plans from utility companies and City of Newton records. Contractor to field verify locations prior to any excavation.

REVISIONS	
DATE	DESCRIPTION
7-18-14	DRIVEWAY, GARAGE, DRAINAGE



**Existing Conditions Site Plan**  
**93 Bellevue Street**  
**Newton, Massachusetts**  
 Scale: 1"=20' May 12, 2014  
**VERNE T. PORTER Jr., PLS**  
 Land Surveyors - Civil Engineers  
**354 Elliot Street Newton, MA 02464**  
 Drawing #13064econ  
 Checked By: V. Porter Jr.  
 Drawn By: R. Arpino  
 Sheet 2 of 4





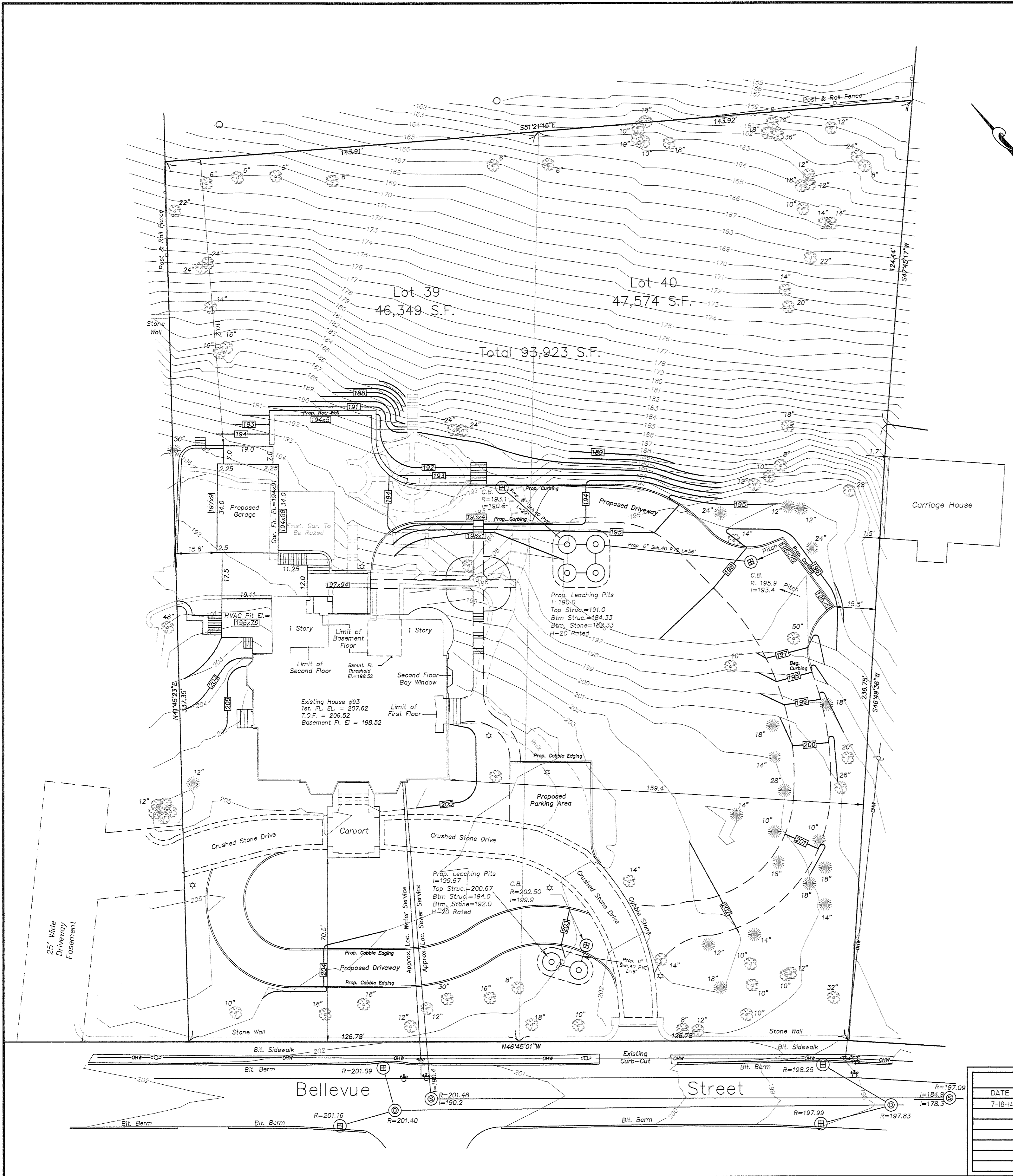
**Dig Safe**  
 Excavators  
 Before you dig contact the Dig Safe Center.  
 To prevent damage to telephone, gas or electric underground facilities of member utilities, call toll free Massachusetts state law requires notification at least three business days before you start digging operations. In an emergency, call immediately.



Dimensional Requirements Main House

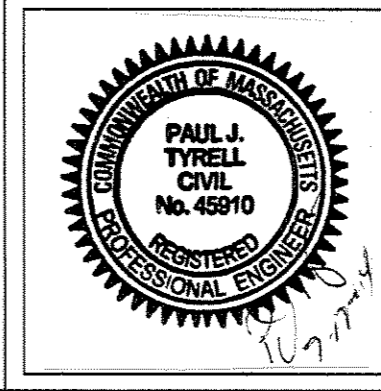
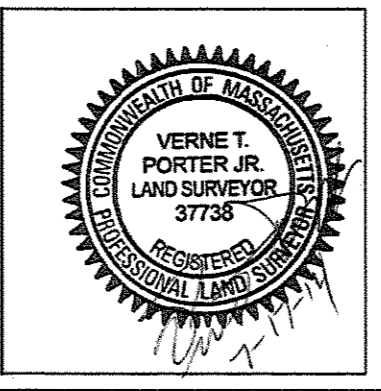
	Required/Allowed	Existing	Proposed
Lot Area	15,000s.f. Min.	93,923	93,923
Frontage	253.56'	253.56'	253.56'
Front Setback	30' Minimum	70.5'	70.5'
Side Setback	15' Minimum	25.8'	15.8'
Rear Setback	15' Minimum	169'	110.2'
Stories	2.5	3*	3*
FAR	.33	.14	.17
Building Height	36' Maximum	42.64*	44.52**
Lot Coverage	20% Maximum	6.54%	7.75%
Open Space	65% Minimum	88.48%	76.52%

\* Lawfully Nonconforming  
 \*\* Average Grade Plane Reduced From 202.58 to 200.70



Note:  
 Existing utilities shown are from field locations, available plans from utility companies and City of Newton records. Contractor to field verify locations prior to any excavation.

REVISIONS	
DATE	DESCRIPTION
7-18-14	DRIVEWAY, GARAGE, DRAINAGE

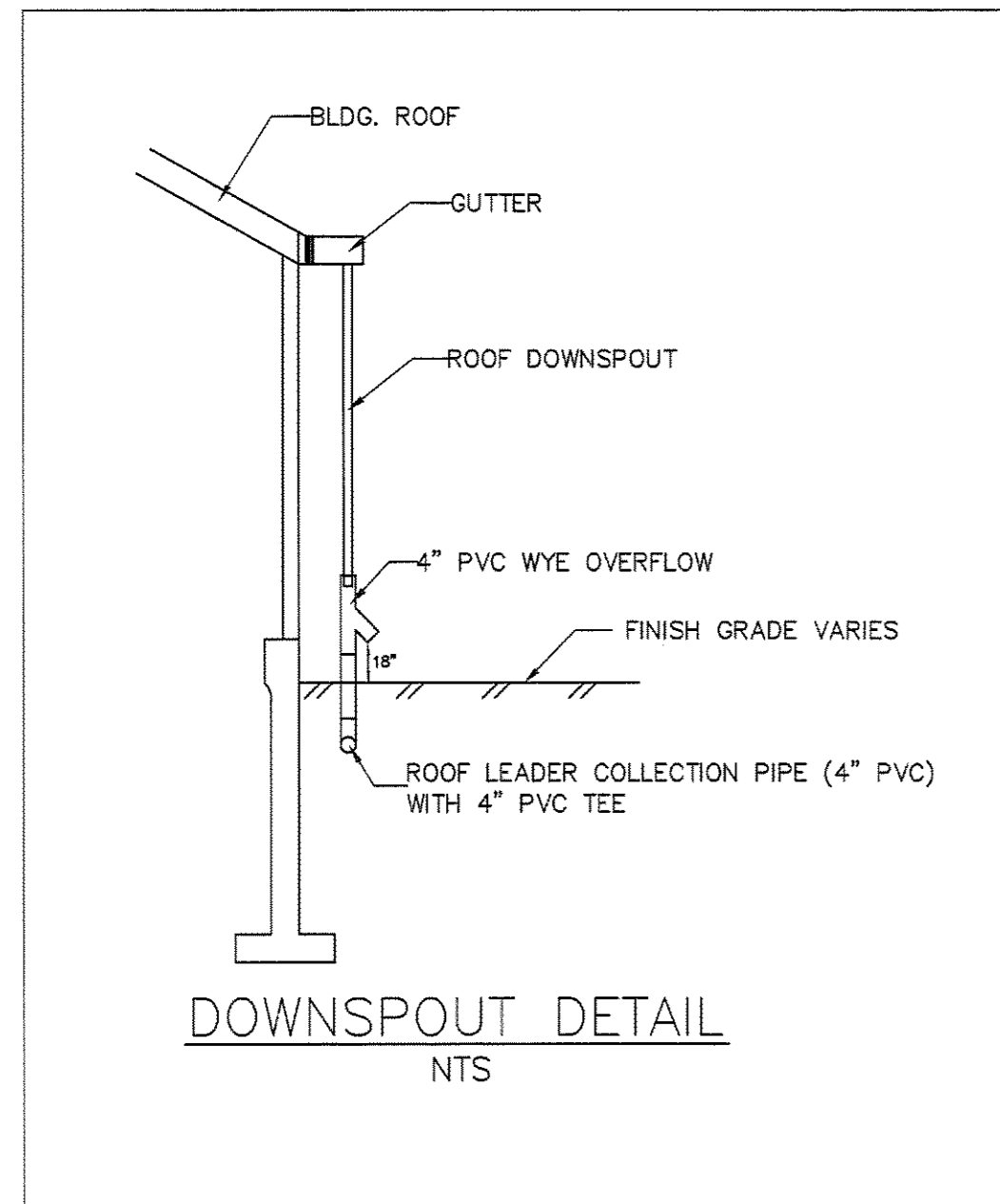
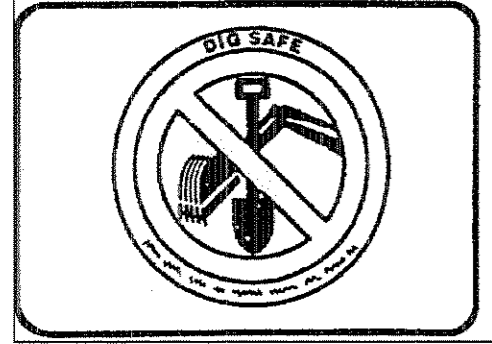


**~Proposed Conditions Site Plan~**  
**93 Bellevue Street**  
**Newton, Massachusetts**  
 Scale: 1"=20' May 12, 2014  
**VERNE T. PORTER Jr., PLS**  
 Land Surveyors - Civil Engineers  
**354 Elliot Street Newton, MA 02464**

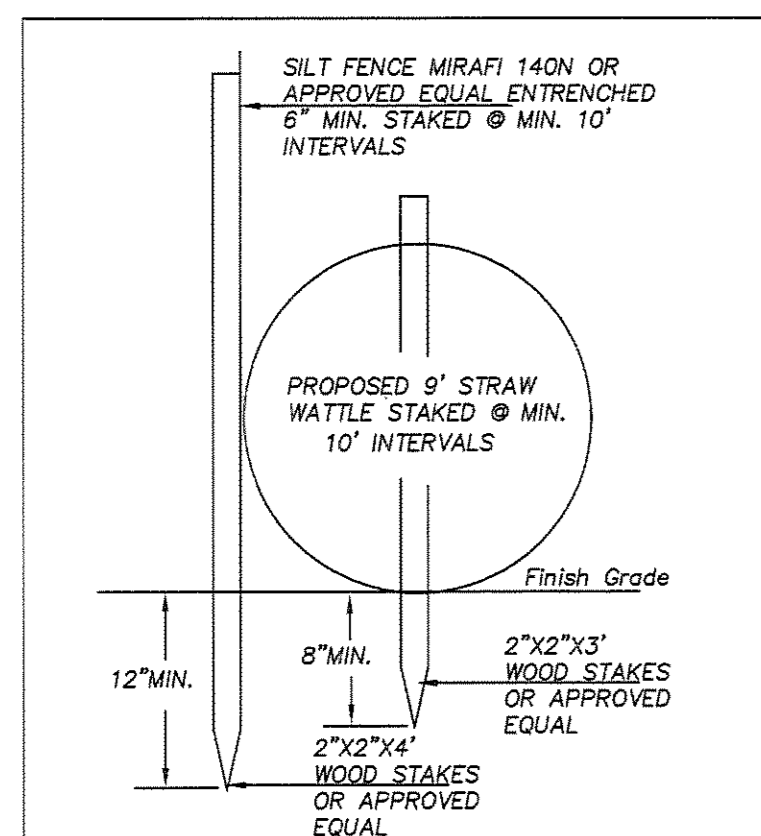
Drawing #13064econ  
 Checked By:  
 Drawn By:

Sheet 3 of 4

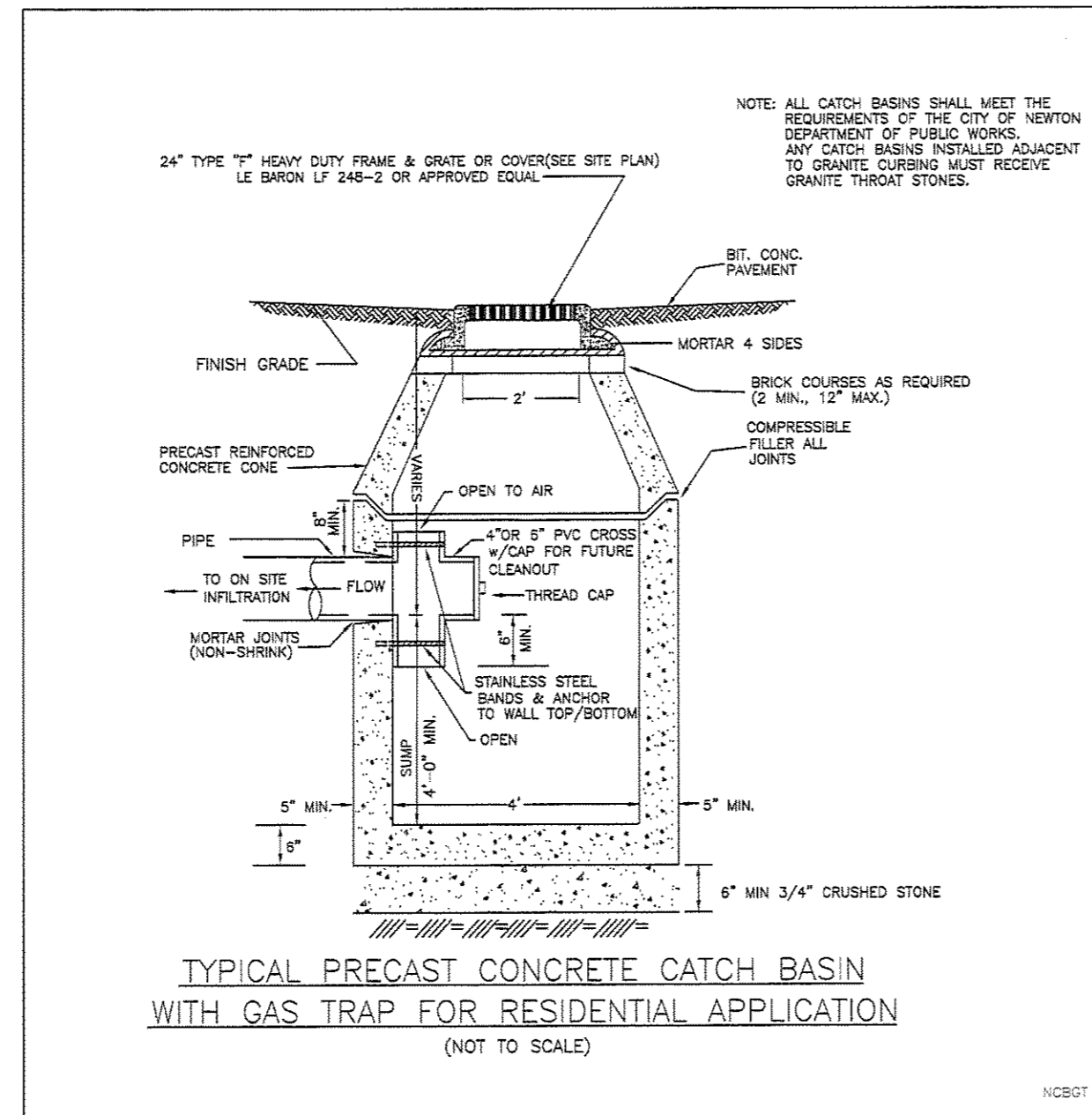
**Dig Safe**  
 Excavators  
 Before you dig contact the Dig Safe Center.  
 To prevent damage to telephone, gas or electric underground facilities of member utilities, call toll free  
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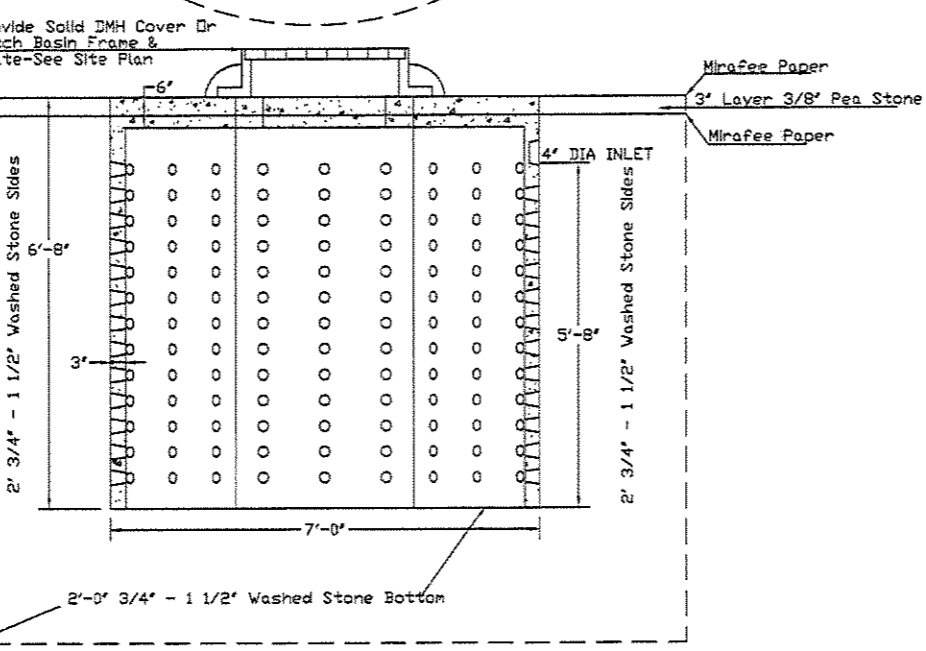
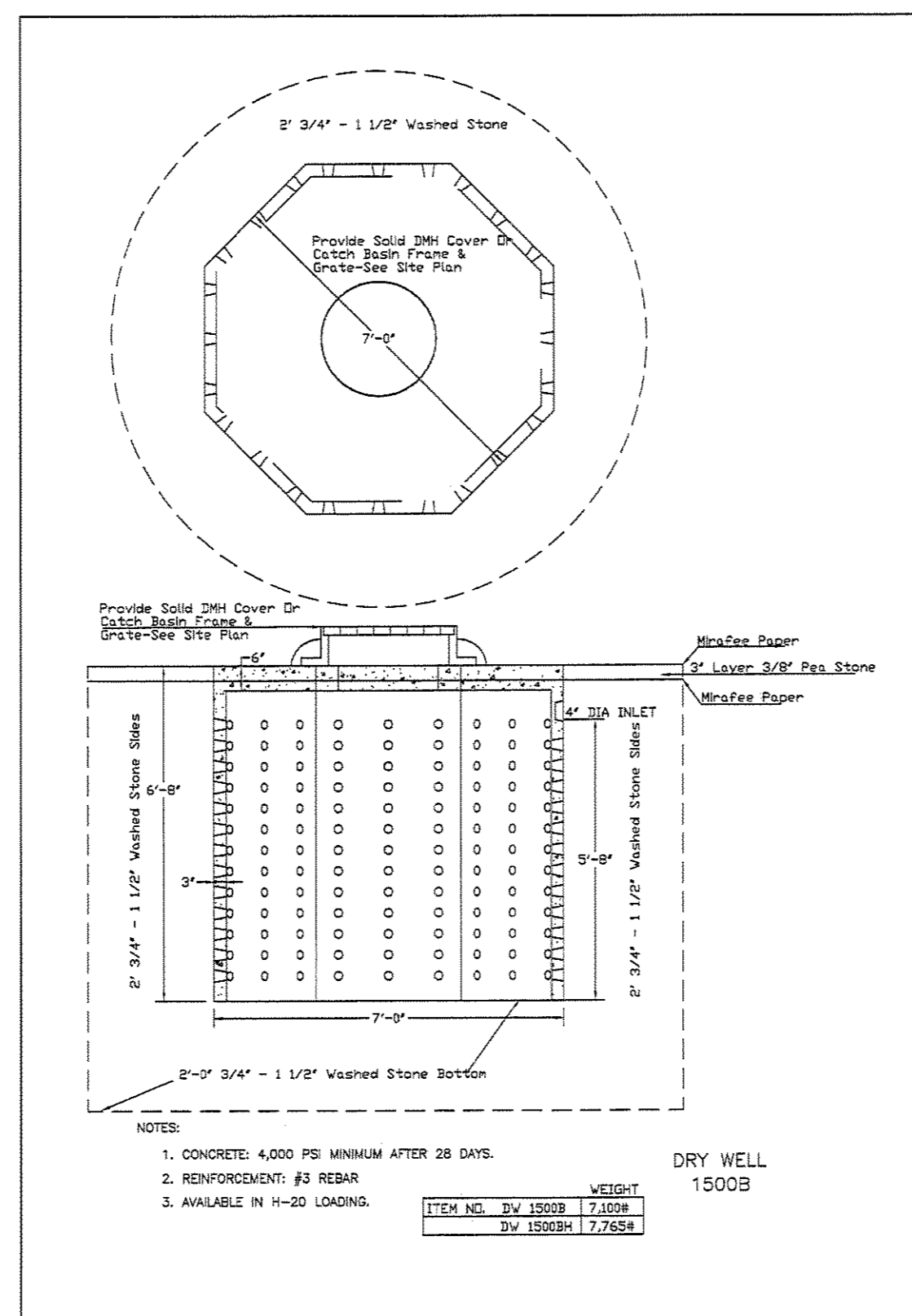
DOWNSPOUT DETAIL  
N.T.S.



STRAW WATTLE & SILT FENCE DETAIL  
N.T.S.



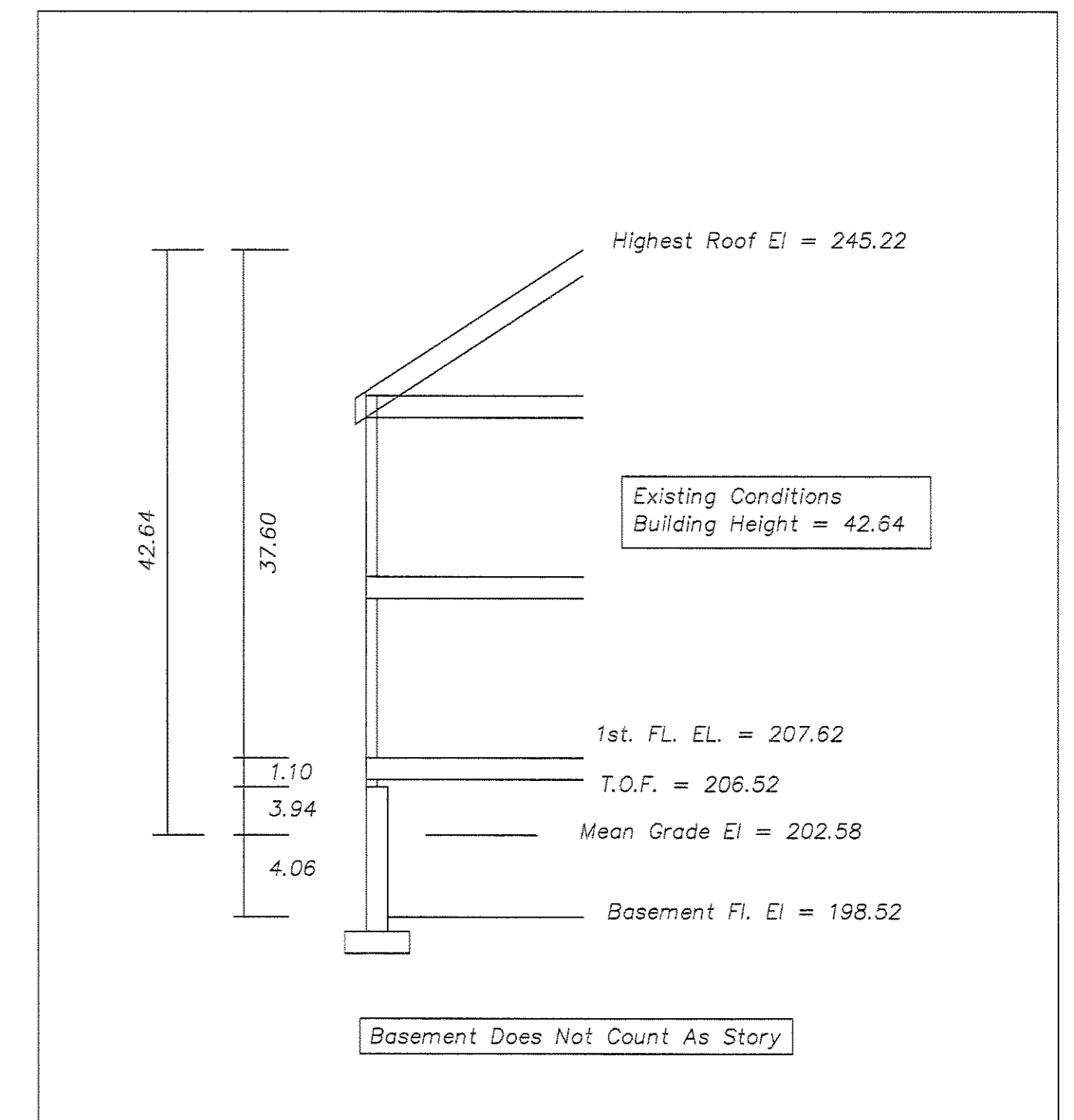
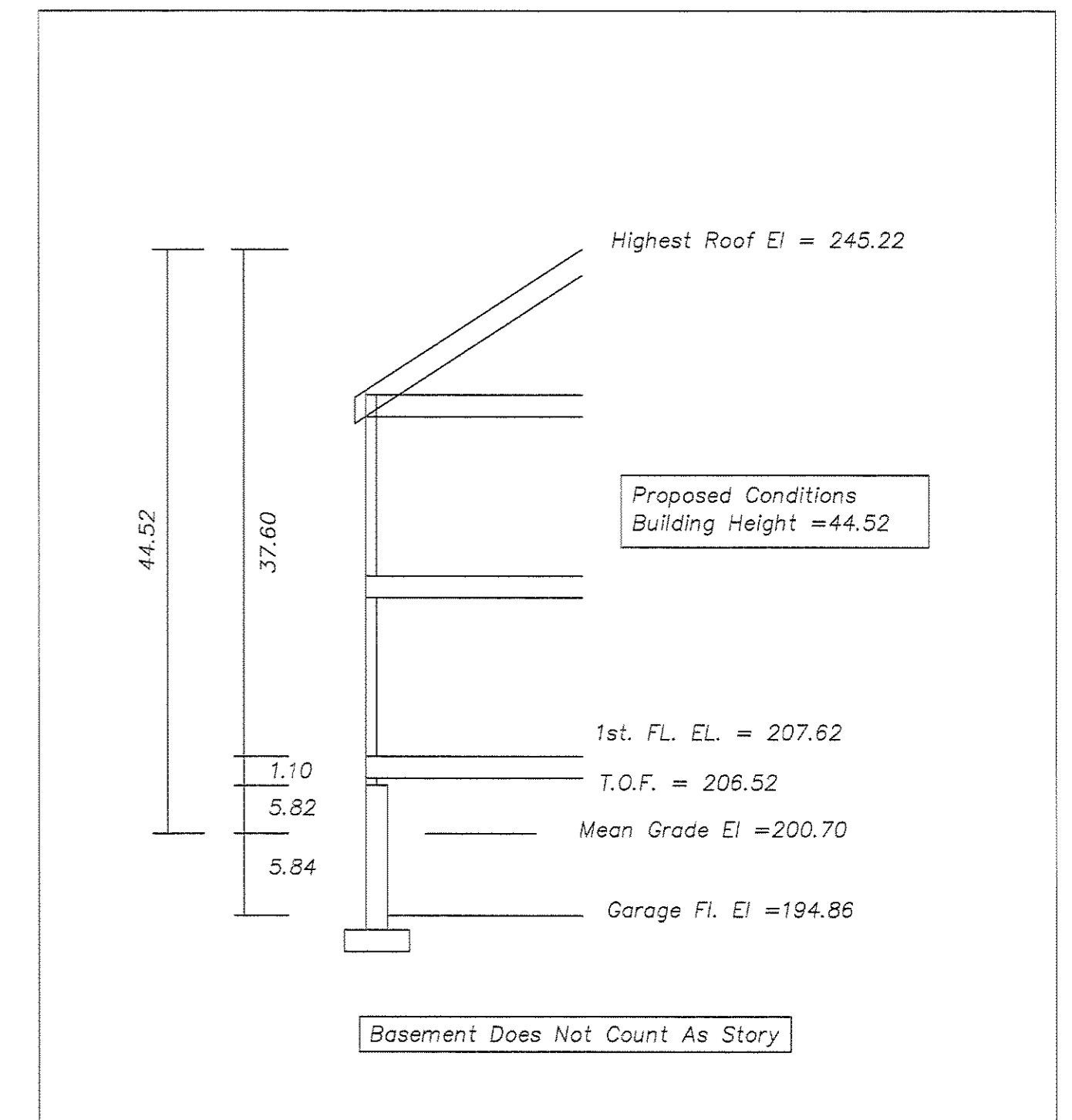
TYPICAL PRECAST CONCRETE CATCH BASIN WITH GAS TRAP FOR RESIDENTIAL APPLICATION  
(NOT TO SCALE)



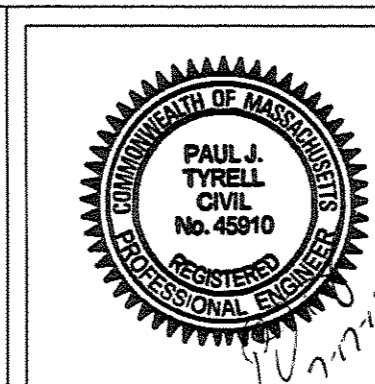
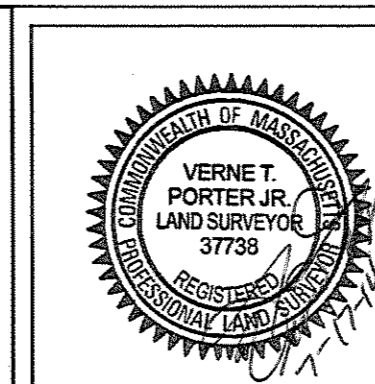
NOTES:  
 1. CONCRETE 4000 PSI MINIMUM AFTER 28 DAYS.  
 2. REINFORCEMENT #3 REBAR  
 3. AVAILABLE IN H-20 LOADING.

SEGMENT	L	E1	E2	E1+E2/2	xL
1	16.0	205.75	205.75	205.75	3292.00
2	8.7	205.75	205.75	205.75	1790.02
3	11.7	205.75	205.75	205.75	2407.28
4	8.7	205.75	205.75	205.75	1790.02
5	15.9	205.75	205.75	205.75	3271.43
6	19.8	205.75	205.75	205.75	4073.85
7	14.6	205.75	205.75	205.75	3003.95
8	7.2	205.0	205.0	205.0	1476.00
9	8.8	204.0	203.5	203.75	1793.00
10	11.8	203.0	203.0	203.0	2395.40
11	15.04	202.0	198.3	200.15	3010.256
12	17.5	198.6	198.6	198.3	3475.50
13	34.0	198.5	198.5	198.3	6749.0
14	7.0	198.5	198.5	198.3	1389.50
15	19.0	194.5	194.5	194.5	3695.50
16	7.0	194.8	194.8	194.8	1363.60
17	38.5	194.8	194.8	194.8	7499.80
18	11.25	194.8	194.8	194.8	2191.50
19	12.0	197.9	197.9	197.9	2374.80
20	9.77	197.9	197.9	197.9	1933.483
21	6.4	197.9	197.9	197.9	1266.56
22	14.55	197.9	197.9	197.9	2879.445
23	14.53	197.4	197.4	197.4	2868.222
24	31.4	197.4	203.0	200.2	6286.28
25	49.2	204.0	205.75	204.88	10080.096
Total	410.34'				82356.492
					$82356.492/410.34' = 200.70$
					Proposed Conditions Mean Average Grade El. = 200.70

SEGMENT	L	E1	E2	E1+E2/2	xL
1	16.00'	204.70	205.30	205.00	3280.00
2	8.70'	205.0	205.0	205.0	1783.50
3	11.70'	205.0	205.0	205.0	2398.50
4	8.70'	205.0	205.0	205.0	1783.50
5	15.90'	205.30	205.30	205.30	3264.27
6	19.80'	205.50	205.50	205.50	4068.90
7	14.60'	205.2	204.5	205.25	2996.65
8	7.20'	204.2	204.0	204.1	1469.52
9	7.70'	203.60	203.30	203.30	1565.41
10	21.90'	203.00	200.50	201.75	4418.325
11	23.35'	198.15	197.80	197.975	4622.72
12	6.40'	197.60	197.70	197.65	1264.96
13	14.55'	197.70	197.70	197.70	2876.535
14	11.20'	197.70	197.70	197.70	2214.24
15	3.30'	199.00	200.00	199.50	658.35
16	31.40'	200.00	203.00	201.50	6327.10
17	49.25'	203.00'	204.70	203.85	10039.62
Total	271.65'				55032.08875
					$55032.08875/271.65' = 202.58$
					Existing House #93 Mean Average Grade El. = 202.58



REVISIONS	
DATE	DESCRIPTION
7-18-14	DRIVEWAY, GARAGE, DRAINAGE



~Detail Sheet~  
**93 Bellevue Street**  
**Newton, Massachusetts**  
 Scale: 1"=20' May 12, 2014  
**VERNE T. PORTER Jr., PLS**  
 Land Surveyors - Civil Engineers  
**354 Elliot Street Newton, MA 02464**

Drawing #13064econ  
 Checked By:  
 Drawn By:

Sheet 4 of 4

# Rashes Residence

## 93 Bellevue Street

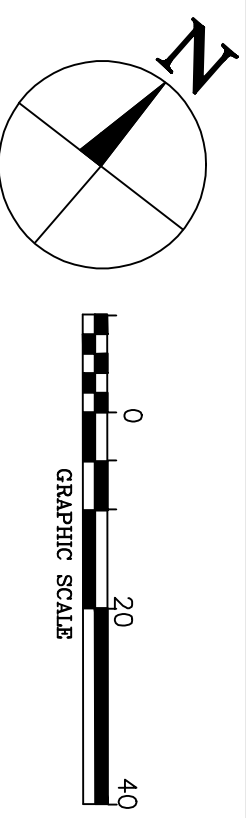
### Newton MA

# Landscape Plan, Existing Features & Tree Removals

**Base: Existing Conditions**  
Site Plan

Verne T. Porter Jr. LTS  
9.9.13 Rev. 10.25.13

For Client Review



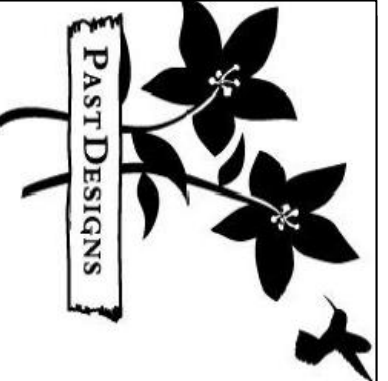
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Date: Rev. 7.23.14

Rev:

## Notes

House plans provided by  
Stocum Hall Design Group



Past Designs  
53 High Street  
Kennebunk ME 04043  
207-985-4326  
www.pastdesigns.com

- EXISTING TREES
- AC ACER SACCHARUM
  - AL ALBIZIA JULIBRISIN
  - AP ACER PLATANOIDES
  - AS ACER SACCARINUM
  - CA CATALPA SPECIOSA
  - CH CHAMAECYPARIS SP.
  - CO CORNUS FLORIDA
  - FA FAGUS SYLVATICA
  - FC FAGUS S. COLUMNARIS
  - FR FRAXINUS AMERICANA
  - HY HYDRANGEA P.G. TREE
  - ME METASEQUOIA GLYPTOSTROBILIDES
  - PC PICEA SP.
  - PI PINUS SYLVESTRIS
  - QU QUERCUS ALBA
  - RH RHODODENDRON CATAWBIENSE
  - TI TILIA AMERICANA
  - TS TSUGA CANADENSIS

- Trees to be Removed:
- 1 50" Froxinus americano
  - 1 30" Acer rubrum
  - 1 18" Tsuga canadensis
  - 1 10" Tsuga canadensis



# Rashes Residence

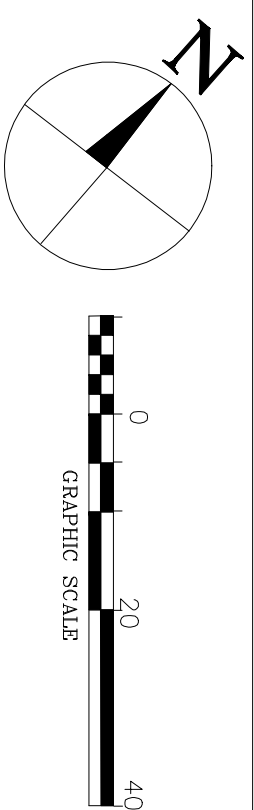
## 93 Bellevue Street Newton MA

# Landscape Planting Plan

**Base: Existing Conditions**  
**Site Plan**

Verne T. Porter Jr. LTS  
9.9.13 Rev. 10 25 13

For Client Review



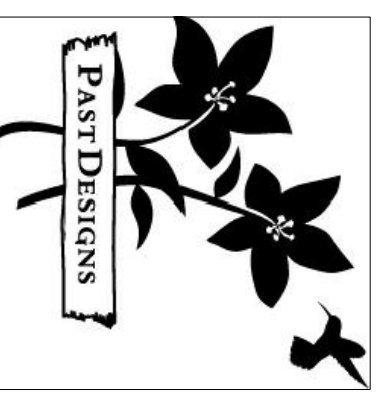
Sheet: PD-L2

Date: Rev. 7.23.14

Rev:

### Notes

House plans provided by  
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Past Designs  
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Kanebunk ME 04043  
207-985-4326  
www.pastdesigns.com

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY	INCHES
AS	Acer saccharum	Sugar Maple	6"	3	18"
AT	Asterice ludoviciana	Asterice	1 G	48	
AV	Astille Visions in Pink	Astille	1 G	14	
AZ	Azalea (Rhododendron)Mory Fleming	Azalea	5 G	7	
BM	Betula papyrifera	3"/C/8" clump mix	5	15"	
BW	Buxus Newport Blue	Boxwood	24	2	
BU	Buxus Wintergreen	Boxwood	24	2	
GR	Galearum Rozanne	Galearum	1 G	40	
HE	Heuchera Montrose Ruby	Heuchera	1 G	36	
HE	Heuchera Obsidian	Coral Bells	1 G	71	
HE	Heuchera Tiramisu	Coral Bells	1 G	105	
HOK	Hosta Krosso Regal	Hosta	1 G	15	
HOP	Hosta The Patriot	Hosta	1 G	13	
HY	Hydrangea m. Blushing Bride	Hydrangea	5 G	9	
HY	Hydrangea m. Little Lemn	Hydrangea	5 G	9	
KC	Koeleria corymbosa	Moockia	5	12	
MO	Moockia amurensis	Moockia Laurel	5	3	
PIA	Picea abies	Norway Spruce	10-12" mixed	3	33"
PIS	Pinus strobus	White Pine	8-10"	3	9"
PV	Plaris J. Valley Rose	Andromeda	36"	3	25
RHA	Rhododendron cat. alburn	Rhododendron	36"	3	25
RHC	Rhododendron cat. Boursault	Rhododendron	36"	6	18
RH	Rhododendron chinoides	Rhododendron	36"	8	
RIV	Ribes	Ribes	36"	9	
TAD	Toxus medii	Japanese Yew	2"-2.5"	24	
TAD	Toxus medii	Japanese Yew	4"-4.5"	26	
TIN	Thuja occid.	Arctovitch	14-16"	3	
TSC	Thuja canadensis	Hemlock	8-10"	3	
UJA	Ulmus americana Valley Forge	American Elm	6"	1,150	
WGT	Waldsteinia ternata	Waldsteinia	6"	6	
WGT	Waldsteinia ternata	Waldsteinia	6"	6	

### TREE REPLACEMENT CALCULATIONS

REMOVED TREE	REPLACEMENT INCHES, CALCULATIONS & SPECIES
1 50" Fraxinus americana	9" 3 8-10" (Approx. 3" C) Pinus strobus
15"	5 10-12" (Approx. 3" C) Picea abies
27"	9 14-16" (Approx. 3" C) Thuja occidentalis
18"	3 6" C Acer saccharum
12"	4 3" C Betula papyrifera
9"	3 10-12" (Approx. 3" C) Thuja canadensis
6"	1 6" C Ulmus americana
2 14-16" (Approx. 3" C)	Thuja occidentalis
Total Inches Removed:	108"
Total Inches Added:	111"

TOTAL TREE INCH CALCULATIONS FOR PROPERTY		
Total Existing Inches:	1,338"	Does not include trees under 6" DBH
Total Inches Removed:	108"	
Total Inches Added:	168"	Total all trees in proposed plan

- EXISTING TREES
- AC ACER SACCHARUM
  - AL ALBIZIA JULIBRISSIN
  - AP ACER PLATANOIDES
  - AS ACER SACCARINUM
  - CA CATALPA SPECIOSA
  - CH CHAMACEYPARIS SP.
  - CO CORNUS FLORIDA
  - FA FAGUS SYLVATICA
  - FC FAGUS S. COLUMNARIS
  - HY HYDRANGEA P.G. TREE
  - ME METASEQUOIA GLYPTOSTROBODES
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  - PI PINUS SYLVESTRIS
  - QU QUERCUS ALBA
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# Rashes Residence

## 93 Bellevue Street

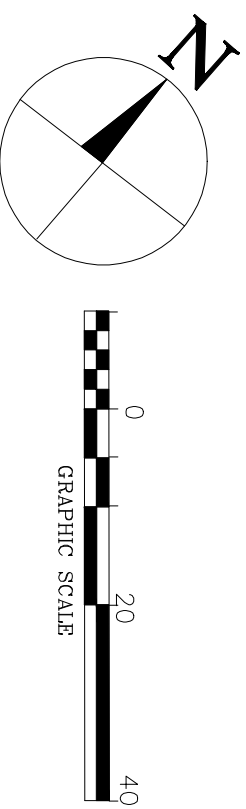
### Newton MA

## Exterior Lighting

**Base: Existing Conditions**  
**Site Plan**

Verne T. Porter Jr. LTS  
 9.9.13 Rev. 10.25.13

For Client Review



**Sheet: PD-L3**  
**Date: Rev. 7.23.14**  
**Rev:**

### Notes

House plans provided by  
 Slocum Hall Design Group

Past Designs  
 53 High Street  
 Kennebunk ME 04043  
 207-985-4326  
 www.pastdesigns.com

KEY	MANUFACTURER & LIGHT MODEL	QTY
●	Herman WMA 7'6" Post with #897 post lantern	8
▲	Cost Lighting LED Deck Light CDU-LED1	2
●	Cost Lighting New Orleans Palm Light CNO1CB / CALED21	16

