

### Avitar Associates of New England, Inc.

Municipal Services Company

# Wentworth, NH

# 2016 CYCLICAL REVALUATION

April 1, 2016

Avitar Associates of New England, Inc. 150 Suncook Valley Highway • Chichester, NH 03258 • (603) 798-4419 www.avitarassociates.com

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#### **INTRODUCTION**

The purpose of this report is to document the guidelines, standards and procedures used in the recent town wide revaluation. The building cost data and the specific building and land information of each property, which is the foundation for this report and the valuation, were gathered and/or verified by the appraisal staff of Avitar Associates of N.E., Inc., all qualified to do so and approved by the New Hampshire Department of Revenue, Property Appraisal Division. *See Section 1.C. Personnel & Qualifications*. Sources include local builders and developers, as well as the use of cost manuals, such as the Marshall & Swift Manual.

We use a data collection card to facilitate the listing and pricing of buildings which will insure uniformity and accuracy in the collection of data and use of the CAMA system. *See Section 1.D. Data Collection*.

It should be kept in mind that nothing can replace common sense and experience. While this report is a guide to information about the revaluation and the resulting assessments, one needs to keep in mind that an assessment is an opinion of value based on information contained herein and the knowledge and experience of the assessor. This is simply a guideline.

An appraisal is an estimate of value at a point in time. Value is a moving target based on the actions of the market (buyers and sellers) and what they are willing to pay and accept for any individual property. As such, the assessment as of April 1<sup>st</sup>, (the assessment date for the State of New Hampshire), is not a fact, but rather an opinion of value based on all the local sales data and the social and economic forces observed in the community and represents a "reasonable" assessment that, while likely never matching another assessors opinion of value, should be reasonably close, assuming each opinion of value is factual and accurately established, generally meaning +/- about 10%.

There is no area of appraising where this judgement of value becomes more evident than in the valuation of land and its amenities, such as view, waterfront and neighborhood/location.

Land values are local. They cannot be compared to values of similar properties in other localities with any known accuracy. This suggests that the most valuable tool in arriving at a judgement of land value is going to be the local market. For any land valuation method to work, it must be based on the local market sales, as the social and economic values and condition of each community is different.

Adjustments for topography, shape and cost to develop vary greatly, as each property is unique. However, a review or comparison of these properties will show a relationship exists between the adjustment and severity of topography, shape and site development costs, based on the opinion of the revaluation supervisor and local sales data.

The relationship with the added value based on sales data, also varies widely as do the views. The relationship with the added value based on sales having views, compared to other property in town with views is shown by the View Sample Pictures (Section 10.). This section assists in the application of adjustment for views, as well as shows consistency in the process. However, sales data never accounts for every variation of view or value adding feature or deduction, for that matter, that the job supervisor may come across in any given town. As such, experience and knowledge of the local sales must be used to assess these unique properties and make adjustments for the severity of the feature affecting value in his or her opinion and then consistently apply that condition.

#### **Intended Use of Report**

The intended use of the report is to be a tool for local assessing officials to understand how the assessments were developed. To help them feel comfortable that the values are well founded and equitable, as well as help in the future assessment of new homes and maintenance of property values.

It is not intended to make the reader an assessor, but rather help the reader understand the process. It is intended to document the facts, assumptions and data used for their review and use in understanding and explaining the revaluation process.

The use of this report is to present the foundation of the recent revaluation and the process and procedures used to develop the assessed values for all property in town.

#### **Intended Users of Report**

Intended users include, local assessing officials and real estate appraisers and other assessors.

It may also be used by the public on a more general level to understand the process, facts and methods used to estimate values.

#### What This Report is Not Intended to Do

It is not intended to answer all possible questions, but rather to document the revaluation in general terms and enable the local assessor to answer more detailed questions which may not be readily apparent to the average property owner.

# SECTION 1

# CERTIFICATION/CONTRACT & SCOPE OF WORK

- A. CERTIFICATION
- B. CONTRACT & SCOPE OF WORK
- C. PERSONNEL & QUALIFICATIONS
- D. DATA COLLECTION

# **SECTION 1**

### A. CERTIFICATION

#### **CERTIFICATION**

#### **Dear Board Members:**

The attached Cyclical Revaluation Report is hereby provided to the Town of Wentworth for an effective date of new values of 4/1/2016.

Avitar appraised all taxable property (fee simple) within the municipality according to NH Revised Statute 75:1 and appraised all tax exempt and non-taxable property within the jurisdiction of this municipality in the same manner as taxable property. Avitar verified all sales used as a benchmark for this town wide valuation process. When developing the value of a leased fee estate or a leasehold estate, we analyze the effect on value, if any, of (1) the terms and conditions of the lease, and (2) the effect on value, if any, of the assemblage of the various parcels, divided interest or component parts of a property. The resulting assessments are my opinion as of the effective date of this agreement, of each property's most probable market value based on all of the local sales data analyzed and my experience with and opinion of that data, as well as similar circumstances experienced elsewhere.

I hereby certify that to the best of my knowledge and belief, the following:

- The statements of fact contained in this report are true and correct.
- The reported assumptions and limiting conditions are my impartial and unbiased professional analyses, opinions and conclusions.
- I have no present or prospective interest in any property that is the subject of this report and I have no personal interest with respect to the parties involved, nor any bias with respect to any property that is the subject of this report or to the parties involved with this assignment.
- My engagement in this assignment and compensation for completing this task, although contingent upon developing and reporting predetermined statistical results was not contingent upon the resulting assessment of any individual property.
- My analyses, opinions and conclusions were developed and this report has been prepared
  in conformity with the NH State Law in affect as of the date of the signed contract, to the
  best of my knowledge.
- I <u>have</u> made a personal viewing of the properties, per the contract and scope of services agreement, (Section 1.B. Contract & Scope of Work) that are the subject of this report and I or members of my staff have inspected each building's interior when allowed.

Signature:	MA	Date: 3/16/15	_
	, , , , ,	,	

I certify that the total taxable value of the town is \$93,665,509.

#### RESUME' OF SUPERVISOR OR SIGNOR

Mark R. Stetson Avitar Associates 150 Suncook Valley Highway Chichester, NH 03258

#### **Experience:**

**4/08 – Present** 

#### Assessor, Avitar Associates of New England, Inc., Chichester, NH

Responsible for all day to day assessing responsibilities for 20 towns. Specific Appraisal Experience - Supervised the valuation updates for the towns of Alexandria, Boscawen, Cornish, Deering, Fitzwilliam, Greenfield, Greenville, Plainfield, Richmond, Temple, Sharon, Croydon, Grafton, Hebron, Windsor, Springfield & Groton.

#### 4/95 – 4/08 Town Administrator, Town of Andover, NH

Assessor, Finance Director, Health Officer, Welfare Administrator and other duties as assigned by the Board of Selectmen.

Specific Appraisal Experience - Assessed all new construction and subdivisions; reviewed and recommended approval or denial of all property tax exemption and credit applications; prepared annual MS-1; completed the annual equalization survey for NH DRA; prepared property, timber, land use and gravel tax warrants; reviewed and recommended approval or denial of all abatement applications; monitored the town-wide valuation update in 2004; assisted in the defense of values before the Merrimack County Superior Court in August 2006.

#### 1/89 - 10/94 Owner/Operator, Stetson's Village Store, Andover, NH

Managed all aspects of a small grocery store and adjoining pizza and sandwich take-out business.

#### **Education:**

New Hampshire Technical Institute, Concord, NH - Associate of Science

Degree, Class of 1985. Major: Electronic Engineering Technology

IAAO Course 101 – Fundamentals of Real Property Appraisal

IAAO Course 102 – Income Approach to Valuation IAAO Course 300 – Fundamentals of Mass Appraisal IAAO Course 400 – Assessment Administration

National 15-Hour USPAP Course NHAAO/NH DRA - State Statutes

#### **Professional Designations or Affiliations:**

Certified NH Assessor #186

State of NH DRA - Certified Property Assessor Supervisor

IAAO NHAAO

Qualified as expert witness before the Board of Tax & Land Appeals

# NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

# THIS CERTIFIES THAT

# Mark Stetson

Has successfully completed and submitted the required documentation as

required by state law to obtain status as a

DRA-CERTIFIED PROPERTY ASSESSOR SUPERVISOR

# Which shall remain valid until December 31, 2019

Circo this dom of April 20 2017

Given this day of April 30, 2014

Stephan Hamilton, Director

W. Hick

# SECTION 1

### **B. CONTRACT & SCOPE OF WORK**

#### REVALUATION/UPDATE AGREEMENT

SUBJECT: <u>Update of all taxable</u>, tax exempt and non-taxable property for tax assessment purposes, in accordance with the standards set forth in the laws of the State of New Hampshire and Administrative Rules adopted by the Department of Revenue Administration (DRA) and the Assessing Standards Board (ASB), in effect at the time of execution.

Wentworth, NH, a municipal corporation organized and existing under the laws of the State of New Hampshire, hereinafter called the Municipality; and Avitar Associates of NE, Inc, a business organization existing under the laws of the State of New Hampshire and having a principal place of business at 150 Suncook Valley Highway, Chichester, NH 03258 hereinafter called the Company, hereby mutually agree as follows:

#### **GENERAL PROVISIONS**

#### 1. **IDENTIFICATION**

1.1 Name of Municipality:	Town of Wentworth
1.2 Address of Municipality:	P.O. Box 2 / 7 Atwell Hill Road
	Wentworth, NH 03282
1.3 Contact Email:	wentworth2@roadrunner.com
1.4 Contracting Officer for the Municipality:	Board of Selectmen
1.5 Telephone & Fax Numbers:	(603) 764-9955 Fax 764-9362
1.6 Name of Company:	Avitar Associates of N.E., Inc.
1.7 Address of Company:	150 Suncook Valley Highway
	Chichester, NH 03258
1.8 Telephone & Fax Numbers:	(603) 798-4419 Fax (603) 798-4263
1.9 Name and Title of Company Signer:	Loren J. Martin, President of Assessing Operations
	or Gary J. Roberge, CEO
1.10 Contact Email:	loren@avitarassociates.com or gary@avitarassociates.com

#### 2. GENERAL SERVICES TO BE PERFORMED BY THE COMPANY

#### 2.1 Appraise all property.

- **2.1.1** To appraise all taxable property within the municipality in a good and workmanlike manner according to New Hampshire Revised Statutes 75:1.
- **2.1.2** To appraise all tax exempt and non-taxable property (RSA 74:2) within the taxing jurisdiction of the Municipality in the same manner as taxable property.

**2.1.3** The Company shall measure, list and verify all sales used as benchmarks for the update process, unless otherwise noted in the addendum section of this contract.

#### 2.2 Completion of Work:

- 2.2.1 The company shall complete all work and deliver the same in final form to the Municipal Assessing Officials on or before 10/1/2016 with assessments as of 4/1/2016.
- A penalty of \$35.00 per day shall be paid by the Company for each day required for completion beyond the above stated completion date for delays caused by the Company.
- 2.2.3 The re-assessment shall be considered complete and in its final form only when informal reviews have been complete, value changes made as required and the figures are submitted to and accepted by the Municipal Assessing Officials. The Company shall provide the municipality with a full set of property record cards, the USPAP Standard 6 Report which includes the data collection on manual and the CAMA Manual, if applicable.

#### 2.3 Personnel.

- 2.3.1 The Company shall employ experienced and competent assessors who have been certified by the N.H. Department of Revenue Administration in accordance with ASB 300 rules and RSA 21-J:14-f for the level of work they will be performing. A list of personnel is attached to this contract detailing their level of certification.
- 2.3.2 The Company shall not compensate, in any way, a Municipal officer or employee or any member of the family of such officer or employee in the performance of any work under this contract.
- 2.3.3 Upon approval of the contract and before the update/revaluation begins, the Company shall forward to the N.H. Department of Revenue Administration a list of the approved employees assigned to the update project.
- 2.3.4 The Company will ensure the DRA Certified Assessor Supervisor will be on the job site 50% of the time.
- 2.3.5 The Company will ensure that there will be no assigning of any part of the contract to anyone other than the Company without express written permission by the Town.

#### 2.4 Public Relations.

The Company and the Municipality, during the progress of the work, shall use its best efforts and that of its employees to promote full cooperation and amiable relations with the taxpayers. All publicity and news releases will be cleared with the Municipal Assessing Officials. The Company, upon request of the Municipality, will make available speakers to acquaint property owners with the nature and purpose of the update at a public forum scheduled by the Municipality, but not more than 4 during the course of the project.

#### 2.5 Confidentiality.

- 2.5.1 The Company agrees to not disclose to anyone except the Municipal Assessing Official and the Commissioner of the N.H. Department of Revenue Administration or their respective designee, any preliminary values or new values discovered, for any purpose, or to permit anyone to use or peruse any of the data on file in connection with the update, until the values have been submitted to the Municipal Assessing Officials and are made public.
- 2.5.2 The Company agrees to furnish the New Hampshire Department of Revenue Administration staff member assigned to monitor the update reasonable requests for information made in writing.

#### 2.6 Compensation and Terms.

The Municipality in consideration of the services hereunder to be performed by the Company agrees to pay to the Company the sum of \$38,900 dollars, in manner and form as follows:

To be billed in 12 equal monthly payments of \$3,241.66/month as specified in the previously executed 4 year assessors agreement.

#### 3. DETAIL SERVICES TO BE PERFORMED BY THE COMPANY

#### 3.1 Development of Unit Costs:

- 3.1.1 The Company shall use Marshall & Swift Cost Manual as a basis to develop the costs of residential, commercial and industrial construction in the area and modify those costs by local sales, material costs and prevailing wage rates in the building trades. These shall include architects and engineer's fees, and contractor's overhead and profits. Before using such unit costs, the Company shall make tests using costs against actual sales of buildings whose actual current costs are known, in order to ensure accuracy.
- 3.1.2 Residential Property Appraisal Schedules. The Company shall use unit cost as the basis of appraisal of residential properties. Schedules shall consist of unit base prices upon definite specifications for houses of various types and quality of construction and reflect the building customs and practices in the community. The schedules shall include adjustment for story height, square foot size and extra features, such as barns, garages, pools, fireplaces, etc.

# 3.2 Collection of Property Data - No Measure & Listing Except Sales Properties Used in the Preliminary Sales Analysis

- 3.2.1 All vacant land parcels and any attributes that may affect the market value shall be listed accurately. Such attributes may include, but not be limited to: number of acres; road frontage; neighborhoods; water frontage; water access; views; topography; easements; deeded restrictions and other factors that might affect the market value.
- 3.2.2 Every principal building(s), shall be accurately measured and listed to account for the specific elements and details of construction as described in the data collection manual. Such elements and details may include, but not be limited

to: quality of construction; age of structure; depreciation factors; basement area; roofing; exterior cover; flooring; fireplaces; heating & cooling systems; plumbing; story height; number of bathrooms; number of bedrooms; and, other features, attributes, or factors that might affect market value. (All improvements on the property will be measured but not necessarily listed, ie. sheds, decks, barns, etc.)

- 3.2.3 The Company shall make an attempt to inspect the property and if the attempt is unsuccessful, the Company may:
  - (a) Leave a notification card at the property advising the taxpayer that they will receive a letter in the future to call and schedule an interior inspection and;
  - (b) Send a letter to the property owner requesting that the property owner call the Contractor's designee, within a stated time frame as agreed upon by the Municipal Assessing Officials and the Company, to arrange for an interior inspection;
- **3.2.4** If the Company is not able to arrange for an interior inspection or entrance to a building or parcel of land cannot be obtained as detailed in Section 3.2.5 below, the Company shall:
  - (a) Estimate the value of the improvements using the best evidence available; and
  - (b) Annotate the property record card accordingly.
- **3.2.5** The Company shall complete interior inspection of all properties except:
  - (a) Vacant or unoccupied structures;
  - (b) Where multiple attempts for inspection have been made without success and the owner or occupant has not responded to the Companies notifications;
  - (c) Where postings prevent access;
  - (d) Unsafe structures;
  - (e) When the owner has refused access to the Company;
  - (f) When inhabitants appear impaired, dangerous or threatening; and,
  - (g) Any other reason for which the Municipal Assessing Officials agree that the property is inaccessible.
- **3.2.6** Commercial and Industrial property, whether rented or not, may have its earnings or estimated earnings capitalized as another means of developing the properties market value.
- **3.2.7** The Company shall provide to Municipality a complete copy of the: field data collection card(s).

#### 3.3 Market Analysis:

- 3.3.1 A DRA Certified Property Assessor Assistant under the guidance of a DRA Certified Property Assessor or Supervisor may validate sales data. A DRA Certified Property Assessor Supervisor shall prepare the full market analysis.
- 3.3.2 In order to ensure that appraisals will reflect full and true value, the Municipality shall provide to the Company a copy of all property transfers for a period not to exceed two (2) years immediately preceding the effective date of the update.
- 3.3.3 A market analysis shall be conducted using accepted appraisal methods in order to determine land, building and total property values. Such accepted methodology shall include the consideration of all sales given by the municipality to the Company and their inclusion in the sales section of the UPSAP report with appropriate notations for those sales not used in the correlation of values.
- **3.3.4** All qualified property sales shall be included in the USPAP report by photocopy or printout of the property assessment record card and a photograph of the principal buildings shall be attached thereto. A list of all unqualified sales will also be provided.
- 3.3.5 The sales price and terms of the sale shall be verified by the Company and a notation as to qualified or unqualified transaction with unqualified sales noted as to reason made on the property assessment record card along with the sale price, date of the sale, and date of inspection.
- 3.3.6 Land values shall be determined from land only sales whenever possible, however, in the absence of an adequate number of land sales, the appraiser may use the land residual technique to assist him in the determination of land values. The analysis shall show the sale price, adjustments made and final value as of the effective date of the update.
- 3.3.7 The indicated land values shall be shown as, but not limited to, front foot, square foot, front acre or rear acre units or other appropriate units of comparison.
- 3.3.8 The preliminary market analysis showing the sales used and the analysis to indicate property values, including front foot, square foot or front acre, rear acre unit values, or other appropriate units of comparison shall be delivered to the Municipal Assessing Officials prior to the notification to taxpayers of preliminary values. Final market analysis will be printed and provided to the Municipal Assessing Officials as part of the USPAP report.

#### 3.4 Value Notification & Informal Reviews.

**3.4.1** The Company shall provide the Municipal Assessing Officials with a list of newly established values for review and a sample notice that specifies the dates to call for scheduling an informal hearing.

- 3.4.2 The Company shall mail, first class, to all property owners a notice of the newly estimated value of the property. Such notice shall also contain <u>instructions for online access for 30 days</u> for their ease in review and comparing assessments and an indication of where else this information is available, ie, the Library, Town Hall, etc. for review. The notice shall also contain the date, time and location of the informal review process including instructions on obtaining an informal review.
- 3.4.3 The informal review process shall include a 3 day window for property owners to call and schedule an appointment which will occur at a later date. The informal review process may be monitored by the Municipal Assessing Officials or their designee. The Company shall ensure that an informal review of the newly estimated property values is provided to all property owners who request such review during the timeframe allowed for setting up appointments.
- 3.4.4 The Company shall notify all property owners addressed during the informal reviews of the disposition of their review stating whether or not a change in value has resulted and the amount thereof and will contain information regarding the abatement/appeal process.

#### 3.5 Manual of Appraisal:

- **3.5.1 Final Appraisal Report.** This report shall follow closely the most recent edition of Uniform Standards of Appraisal Practice (USPAP) Standard 6. The report shall contain the following sections:
  - 1. A Letter of Transmittal.
  - 2. A Certification Statement.
  - 3. A section including the contracted Scope of Work.
  - 4. A section detailing sales, income, and cost approaches to value including all valuation premises.
  - 5. A section including all tables pertinent to the valuation process along with any schedules for the valuation of residential, commercial, industrial, manufactured housing and exempt properties.
  - 6. A section including statistical analysis and testing.
  - 7. A neighborhood/sales map.
  - 8. A section detailing all CAMA system codes/tables.
  - 9. A section detailing the data collection process.

The Company shall instruct the Municipal Assessing Officials or their designee in the use of the manual so that they will have an understanding of the appraisal process being utilized. Upon completion of the revaluation/update, the Company shall deliver one electronic copy and one hard copy of the report to the Municipal Assessing Officials and one copy to the DRA.

#### 3.6 Property Record Cards:

3.6.1 The Company shall prepare property record cards 8-1/2 x 11 inches for each separate parcel of property in the municipality. Sales information is detailed on the front of the card to the right of owner information and includes grantor, date of sale, and consideration amount, qualification code and indicator of whether improved (I) or vacant (V).

- 3.6.2 The cards shall be arranged based on the Town's CAMA system design, as to show the owner's name, street number, or other designation of the property and the mailing address of the owner, together with the necessary information for determining land value, the number of acres of the parcel, the land classification, any adjustments made to the land values and the value of the improvements to the land.
- 3.6.3 The card shall be so arranged as to show descriptive information of the buildings, pricing detail, depreciation allowed for physical, functional and economic factors and an outline sketch of all principal buildings in the parcel. The property record cards shall be provided in map, lot and sublot sequence and will detail the base valuation year and the print date of the property record card.
- 3.6.4 Any coding used by the Company on the property record card will be clearly explained elsewhere on the card or in the USPAP report.
- 3.6.5 The initial's of the Company's employee who measured and/or listed the property shall be noted on each property record card, along with 3<sup>rd</sup> and 4<sup>th</sup> characters that describe the reason for the visit and what was done, ie, M=measured, L=measured & listed. A detailed explanation of these codes is outlined in the USPAP report.

#### 4. APPEAL - PROCEDURE NOTIFICATION.

If any property owner believes their assessment is unfair and wishes to appeal for abatement, they **SHALL FIRST APPEAL TO THE LOCAL ASSESSING OFFICIALS** in writing, by March 1, in accordance with RSA 76:16. Forms for this purpose may be obtained from the local Assessing Officials. The **MUNICIPALITY** has until July 1 following notice of tax to grant or deny the abatement. If the property owner is dissatisfied with the decision of the local assessing authority, or the taxpayer does not receive a decision, the taxpayer may exercise **ONE** of the following options:

#### **OPTION NUMBER 1**

The taxpayer may APPEAL TO THE BOARD OF TAX AND LAND APPEALS, 107 PLEASANT STREET, CONCORD, NEW HAMPSHIRE 03301, in writing, after receiving the MUNICIPALITY'S decision or after July 1 and no later than September 1 after the date of the notice of tax, with a payment of an application fee as set by the Board (RSA76:16a)

#### **OPTION NUMBER 2**

The taxpayer may APPEAL BY PETITION TO THE SUPERIOR COURT IN THE COUNTY IN WHICH THE PROPERTY IS LOCATED on or before September 1 following the date of notice of tax. (RSA 76:17)

**NOTE**: An appeal to the State Board of Tax and Land Appeals shall be deemed a waiver of any right to petition the Superior Court (RSA 71-B:11)

#### 5. HOW THE COMPANY VALUES PROPERTY

- 5.1 Replacement cost shall be computed using the schedules described in section 3.2. These values shall then be depreciated according to age, condition, utility and desirability and the appropriate amount of physical, functional and economic depreciation shall be shown on each property record card, or shown as a composite adjustment based on condition, utility and desirability.
- 5.2 If the residential property contains 4 or more separate apartments or residential areas and if the rental charges are at market level, the earnings may be examined to establish a basis of rent capitalization to be used as a comparison to other property indications of value.
- 5.3 Before the final values are estimated, a DRA Certified Property Assessor Supervisor shall compare the preliminary values with the sales utilized in the sales survey to ensure all values reflect the market as of April 1 of the year of the revaluation.
- 5.4 When computations of the data obtained from the inspection have been completed a final review shall be made by a DRA Certified Property Assessor Supervisor parcel by parcel, block by block, to identify and correct any mechanical errors, unusual features or anything influencing the final value and to ensure all properties are valued at their highest and best use.

#### 6. CONDUCT OF VALUATION OF PUBLIC UTILITY PROPERTY

6.1 Utility property will be valued by Avitar considering the three approaches to value like any other property in town, where applicable. We will first consider the cost approach (RCNLD), then the income approach, if applicable and if data exists. Then the market sales approach, based on small self contained utilities, will be used when arms length sales exist that are not governed by state or federal agencies and lastly, the NH DRA value opinions, or any combination we feel appropriate unless directed otherwise by the town in writing.

#### 7. ABATEMENT & TAX APPEALS

The Company agrees to furnish the services of a qualified representative to support the values established for the revaluation tax year upon local abatements without cost. A written recommendation will be provided. Appeals to the N.H. Board of Tax and Land Appeals or Superior Court, in all cases where the appeals have been entered within the time prescribed by law will be at the per diem rate of \$85/hour. "Any legal fees incurred are the sole responsibility of the town." In the case of an appeal upon Public Utility property that has been appraised by the Company, the prevailing rate will be charged (currently \$125/hr), the services of an expert may be required and the charge shall be \$1,500 per day plus expenses. The Company shall continue to be responsible for providing a qualified representative to support the established value even if the Municipal Assessing Officials have reduced the value as part of the proceedings defined in RSA 76:16. However, if the Municipal Assessing Officials increase any value established by the Company, they forfeit their right to Company representation.

#### 8. SERVICES TO BE PERFORMED BY THE MUNICIPALITY/CITY

8.1 The Municipality shall notify the Company, in writing, what property is exempt from taxation or for any reason dangerous or unsafe, so special arrangements can be made.

#### 8.2 Office Space and Equipment.

The Municipality shall provide suitable office space with desks, tables, telephone access and chairs for the use of the agents and employees of the Company in performing their necessary work, if requested.

#### 8.3 Records and Maps.

The Municipality shall furnish to the Company information pertaining to ownership of all property in the Municipality, the physical location of all property, including two sets of up-to-date tax maps, zoning maps, charts, plans and sales information which may be requested by the Company in performing its work under this contract. If updated tax maps are not provided (consistent with the April 1<sup>st</sup> assessing records), then an additional fee may be charged. Maps must show lot size and road frontages. If lot size and road frontage is not on the maps, it must be provided by the town with the maps. Building permits, along with plans for any subdivisions, lot line adjustments, mergers, etc. shall be provided.

#### 8.4 Sales Information.

The Municipality shall keep the Company informed of all sales of property taking place during the progress of the update of which it has knowledge, shall make corrections on municipal maps as of April 1 of the update year where lots have been subdivided, merged or apportioned, and notify the company of all ownership, name and address changes.

#### 9. INDEMNIFICATION AND INSURANCE

- 9.1 The Company agrees to indemnify the Municipality against claims for bodily injury, death and property damage which arises through the company's actions in the course of the Company's performance of the agreement.
- 9.2 The Company shall not be responsible for consequential or compensatory damages arising from the late performance or non-performance of the agreement caused by circumstances which are beyond the Company's reasonable control.
- 9.3 The Company shall maintain Public Liability Insurance, Automobile Liability Insurance and Workmen's Compensation Insurance.
  - 9.3.1 The Public Liability Insurance shall be in the form of commercial general liability with the inclusion of contractual liability coverage and shall provide limits of \$1,000,000 each occurrence for bodily injury liability, and \$1,000,000 each occurrence for property damage liability.

- 9.3.2 The Automobile Liability Insurance shall be in the form of comprehensive automobile liability and shall provide limits of \$1,000,000 each occurrence for bodily injury liability. A copy of the insurance certificate shall be forwarded to the Department of Revenue Administration before starting any work.
- 9.4 The Company shall maintain certificates of insurance on record with the Department of Revenue before staring the revaluation confirming the required insurance coverage and providing that the State shall receive ten (10) days written notice of the cancellation or material change in the required insurance coverage.

#### 10. PERFORMANCE BOND

The Company, before starting any update/revaluation work shall deliver to the Municipality an executed bond or irrevocable letter of credit in the principal sum of the amount to be paid by the Municipality to the Company, if required, as provided in subparagraph 2.6, as security for the faithful and satisfactory performance of this contract and shall not expire before final values are submitted to and implemented by the assessing officials. A copy of the bond or irrevocable letter of credit shall be forwarded to the Department of Revenue Administration before starting any work. Any cost for bond or letter of credit, if requested, is in addition to the cost of the contract as specified in Section 2.6 and detailed in the "Agreement Execution" section found on page 11.

#### 11. PROJECT SIZE

It is agreed between the parties that the entire project consists of an estimate of <u>994</u> tracts as defined by RSA 75:9, and that in the event that the number should exceed 100% of said estimate, the company shall be entitled to additional remuneration based on <u>\$55</u> per parcel/tract. In the event of missing utility parcels, the additional cost is \$1,500 per utility property.

#### 12. ADDENDUMS AND APPENDIXES

- No measure & list except sales properties used in the preliminary sales analysis.
- If changes in the law (that occur after signing of the contract) affect the deliverables as noted in this contract, additional fees may be assessed to cover the cost to comply and produce newly required products. This will be communicated in writing to the municipality as soon as it becomes known.

# **Agreement Execution**

Additional Cost of \$1,560  New Total, If Bond Required	ase Check One & Initial: Yes \( \sumsymbol No \times \)
Total Number of Parcels <u>994</u>	
In the presence of:	Municipality of: Wentworth, N.H.
	By: Sleph Glis
Witness	MA
	Board of Selectmen
	Date: 10/21/2015
In the presence of:	Company: Avitar Associates of N.E., Inc.
Sheery & Change	By: Loren J. Martin, President of Assessing Operations or Gary J. Roberge, CEO
	Date: 11-2-15



#### AVITAR PERSONNEL THAT MAY WORK ON THE PROJECT

<u>ID</u>	<b>EMPLOYEE</b>	<b>AVITAR POSITION</b>	NH DRA CERTIFICATION
GR	Gary J Roberge	CEO, Sr Assessor	Certified Property Assessor Supervisor
LM	Loren J Martin	President, Sr Assessor	Certified Property Assessor Supervisor
DW	David Woodward	Assessor/Supervisor	Certified Property Assessor Supervisor
MS	Mark Stetson	Assessor/Supervisor	Certified Property Assessor Supervisor
CR	Chad Roberge	Assessor/Supervisor	Certified Property Assessor Supervisor
JR	Jonathan Rice	Assessor	Certified Property Assessor
KC	Kerry Connor	Assessor Assistant	Certified Property Assessor Assistant
DM	Dan Martin	Assessor Assistant	Certified Property Assessor Assistant
ER	Evan Roberge	Assessor Assistant	Certified Property Assessor Assistant
AD	Adam Denoncour	Assessor Assistant	Certified Building Measurer & Lister
JD	Jaron Downes	Building Data Collector	Certified Building Measurer & Lister

# **SECTION 1**

# C. PERSONNEL & QUALIFICATIONS

# PERSONNEL WHO CONTRIBUTED TO THIS PROJECT

<u>ID</u>	<b>EMPLOYEE</b>	<b>AVITAR POSITION</b>	NH DRA CERTIFICATION
GR	Gary J Roberge	CEO, Sr Assessor	Certified Property Assessor Supervisor
LM	Loren J Martin	President, Sr Assessor	Certified Property Assessor Supervisor
MS	Mark Stetson	Assessor/Supervisor	Certified Property Assessor Supervisor
KC	Kerry Connor	Assessor Assistant	Certified Property Assessor Assistant
DM	Dan Martin	Assessor Assistant	Certified Property Assessor Assistant
ER	Evan Roberge	Assessor Assistant	Certified Property Assessor Assistant
AD	Adam Denoncour	Assessor Assistant	Certified Building Measurer & Lister

DRA certification can be verified online at the State of NH DRA website at <a href="https://www.nh.gov/revenue">www.nh.gov/revenue</a> as the Department of Revenue approve and certify all assessing personnel in the state.

# **SECTION 1**

## **D. DATA COLLECTION**

#### I. Introduction to Data Collection (No data collection was part of this update)

The task of the Measurer and Lister or Data Collector, as we refer to them, is to collect data pertaining to:

Square footage Exterior and interior characteristics Overall quality and condition of all building and land

Data Collectors are extremely important and are an integral part of the revaluation process. The data collected by the Measurer and Lister is used to establish the fair market value of properties for ad valorem taxation. Therefore, it is critical that such data be collected accurately and consistently to the best of their ability. The degree of accuracy obtained will directly reflect the overall quality of the individual appraisal, as well as the entire town wide revaluation.

In many instances, it is only the Data Collector who the homeowner meets. Their ability to be courteous and professional lends credibility to the entire job. Conversely, a nonprofessional and discourteous attitude will create a very negative atmosphere throughout the town and promote distrust, as such, it is not tolerated.

Our staff is well trained, most with numerous years of experience. They are trained to measure and list all physical information, as well as note abnormalities in building or land condition for the Appraisal Supervisor's use on final review. Not all items noted or measured will directly impact value, but are noted for consistency and accuracy. A picture of the building, waterfront or view may be taken at this time to be attached to the assessment record card.

All personnel carry Company ID badges and their vehicles are marked with signs "Municipal Assessor". The Town Hall staff and/or the Police Department are notified of all staff working in the town and maintain the identity of and vehicle registrations for each employee.

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NON	FUNCTION	HOT WATER	CLAPBOARD							
SA.	PHYSICAL	HEAT PUMP	CEMENT CLPBR	0.00				100		
<b>BLDG DEPRECIATION</b>	BLDC	FA NO DUCTED	CEDAR/REDWD							
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	WOOD	HEAT TYPE	BOARD/BATTEN			ON	LAND INFORMATION	LAND		
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AL	SPECIAL	WOOD/COAL	AVERAGE							9
REIN-CONCRETE	7	SOLAR	ASPHALI	36%	200			300		(8
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CML WALLERWIEGH	CIMIC	GAS	ALUM SIDING		38			380		6)
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G+10	A1-AVG+10	CONCRETE	PREFAB MTLS							
6	AO-AVG	CARPET	METALTIN							
G-10	B1-AVG-10	FLOORING	HI QUAL COMP							
G-20	B2-AVG-20	MOOD/LOG	CORR COMP							
G-30	B3-AV	WALL BOARD	CLAY/TILE							
G-40	B4-AVG-40	PLYWD PANEL	ASPHALT							
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BATHROOMS	BATH	VINYLSIDING	SALT BOX					NOTES	INITIAL	DATE
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		PREFINATE	RREGULAR				STREET			PROP LOC#
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2.75 3.00 3.50	2.50	NOVELTY	GABLEMIP							
1.75	1.00	MINIMUM	FLAT							OWNER
	ST	EXT WALLS CONT	ROOF STYLE	7	# OF	CARD#	LOT:	SUBLOT:	LOT:	MAP:
			MODEL/STILE		MEN	20000	ON TIELL	DATA COLLECTION FIELD DOCOMEN	DAIA	

**DATA COLLECTION FORM SAMPLE, (DCF)** 

#### **II.** Data Collection Form = DCF

The DCF document is a form onto which all information about the parcel is written. Each designated lot on a tax map should have a corresponding DCF. If a DCF is lacking for a lot, one is created.

# Map - Lot - Sublot: Owner - Location - City - State

This information is important and serves to identify the lot, location and corresponding owner. This information is supplied by the town, generally in the form of computerized labels which are transferred to the DCF. When in the field, it is very important to determine if the information written on the label is accurate. If there are any discrepancies, it is noted on the DCF. Mapping and ownership problems must be identified and it is the town's responsibility to resolve these discrepancies. If information is missing, accurate information is obtained so that the label is complete.

In addition to map and owner information, a special code or account number may occasionally be found on the label and is used by the town. Original DCF's should not be destroyed. If a new one is needed, it is stapled behind the original. This will eliminate the possibility of errors being made when copying the label information onto the new DCF.

# <u>Date - Book - Page - Grantor - Q/U - Code - Sale Price</u>

This section is used to describe recent sale information when available. When it exists, it is verified and noted on the DCF with a code of "VBO" meaning Verified by Owner. If no sales exist, we question the homeowner as to how long they have owned the property, if less than three years, sales information is obtained from the owner.

During our introduction to the property owner, we include the following or something similar:

Approximately when was the home built and how long have you owned it?

If they are new owners (within the past three years), we request and write down the date of the purchase, from whom the home was purchased, and whether or not other items were included in the sale such as boats, furniture, beach rights, if near water, etc. and if changes were made to the property after the sale which are noted appropriately.

**ARMS LENGTH SALE** = Willing seller and willing buyer, both of whom are knowledgeable concerning all the uses of the property and having no previous relation and neither are under any undo duress.

It is indicated on the DCF if any information relative to the sale or other circumstances causing the selling price to be abnormally high or low is known.

It should be noted that some property owners may be reluctant to offer information regarding their purchase, as such; it is not always noted on the DCF.

# **History**

This section is for the date, the assessor's initials, the reason they were there and the action taken. Listed below are codes of various actions. Characters one & two are the initials of assessor/lister, three is why they were there and four is the action taken.

ie: "04/04/2007 JDRL" indicates that <u>Jane Doe</u> visited the property on April 4, 2007 for the <u>update</u> and <u>measured and listed</u> the property.

Third Character/Why	Fourth Character/Action
A = Abatement/Appeal	E = Estimate
C = Callback	L = Measure & Listed or just listed after a previous
H = Hearing	measure/or used on vacant property to prevent a future unnecessary list letter.
P = New Construction/Pickup	M = Measure Only
S = Subdivision	R = Reviewed
T = Town/Taxpayer Request	X = Refusal with notes
U = Update	
V = Verification Process	<u>Used with 3<sup>rd</sup> Character H only</u>
	C = Change used w/Hearing Only
	N = No Change used w/Hearing Only

INSP - System Applies to Properties Selected for Data Verification in either the Random Select Process or Block Formation Process.

#### **ACTIONS**

 $\mathbf{E} = \mathbf{ESTIMATED}$  - Interior characteristics are estimated when entry is not possible, either now or in the future. Some common reasons for estimating interiors are:

- Attempted to obtain a list at two different times and no one has been present.
- Homeowner has refused to allow interior inspection or to give the information about the interior that was requested or information given was questionable.
- Abandoned buildings.
- Posted properties.

**L** = **LISTED** - A person (not necessarily a homeowner) was asked questions about the property, and a walk through of the entire dwelling was made. If the owner refuses to help, by not allowing an interior tour or requesting us to leave the property, all such information is clearly noted on the DCF.

M = MEASURED only.

**R** = **REVIEWED** - Generally there for an abatement, appeal, or comparable research and review of property information, refers to exterior review only.

X = REFUSED - Homeowner or person talked to at the property has refused to:

- Allow the building to be measured.
- Allow a walk-through of the home.
- Or, requested to leave the property.

It should be noted that these codes apply only to property visits performed as part of this update.

## **LISTING THE PROPERTY**

# **Building Site & Land Topography Description**

Undeveloped/Wooded A tract of land that is not improved with water, septic (or sewer) or

electric.

Undeveloped/Cleared Same as undeveloped wooded, but an area that could be a house

site and is cleared of trees or is a field.

Natural Often found on seasonal/camp style properties and at times, on some year round

homes. Typically, have little to no landscape features.

Fair Normally lacks lawn area and due to limited site conditions like topography, may

have undesirable site, normally below average lacking landscape.

Average Typical landscaping features consisting of lawn area and some typical ornamental

features such as, trees or shrubbery or minor garden/flower beds.

Good Typically consists of nice lawn area, desirable ornamental features such as trees,

shrubbery or garden/flower beds or minor amounts of stonewalls or walkways.

V. Good Typically nice landscaped lawn and ornamental shrubbery professionally designed

or a non-professional well designed layout, with some or all of the above.

Excellent More expansive or manicured lawn areas and ornamental shrubs and trees or

contain stonewalls or stone walkways or pond areas in a generally well laid out

professional looking design.

Best Extensive manicured lawn areas which include a combination of extensive

trees/shrubs, well laid out gardens/flower beds and stonewalls and/or stone walls

and/or pond areas in a well designed professional looking landscape.

**Topography** 

Level Flat, no hills, little to no ups or downs.

Mild Mostly level topography with minor slopes and/or very gentle rolling topography.

Rolling Typically rolling terrain with ups and downs or terraced areas or minor grade

changes.

Moderate Can have level areas, but predominately sloping topography which can be

typically overcome by development, but costs are typically higher. Slopes can be readily walked and most people typically could control themselves if they fell on

the slope.

Steep Typically highly sloping terrain, but not as severe as severe slopes. Development

costs are typically higher, but developable with added costs. Generally difficult to

walk, but can be safely walked with care.

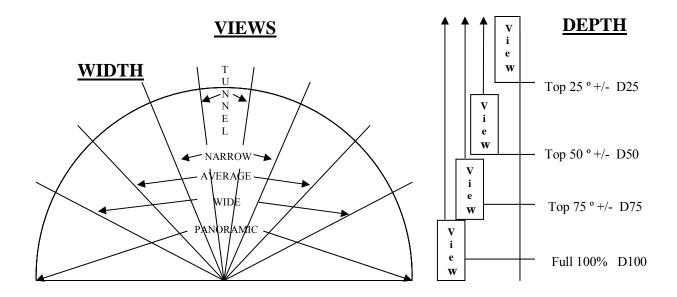
Typically extreme sloping topography that would normally be viewed as Severe

unbuildable due to extremely high site costs for well, septic, driveways and home

site creation. Typical person would not be able to walk or climb easily.

Driveway Gravel/Dirt; Nat/Grass; Paved; Undeveloped.

Road Gravel/Dirt; Paved; Undeveloped.



SUBJECT *	<b>DISTANCE</b>	
LAK Lakes	CLS (or NER)	Close or Near – trees are visible & distinguishable
MTS Mountains	DST	Distant – you know there are trees but they are not distinguishable
HLS Hills	EXT	Extreme – no visual ability to distinguish tree cover
PST Pastoral		

STR Streams/Rivers

LMT Lakes & Mountains

Subject/Width/Depth/Distance View note samples: Noted as

MTS/TUN/D75/DST

(Tunnel View of Mountains 75% Deep, Far Away)

The factors applied are all listed and defined in Section 9.

<sup>\*</sup>Descriptions can vary by town and are defined in the cost tables

# **LISTING THE PROPERTY**

# **Building Style & Normal Story Height**

BUILDING STYLES\* PREDOMINATE STORY HEIGHT

Ranch One Story
Mobile Home One Story

Cape 1-1/2, 1-3/4 Story

Saltbox 1-3/4 Story Gambrel 1-3/4, 2 Story

Colonial 2 Story

Raised Ranch One Story w/Raised Basement

Tri-Level Split-Level
A-Frame One, 1-1/2
Camp One Story
Conventional 1-3/4 - 2-3/4

<sup>\*</sup>Building styles are for descriptive purposes only and do not affect the value.

# **Story Height Explanation (See Story Height Examples)**

The story heights are based on the amount of floor space which has headroom for the average person, we use six (6) feet for this calculation. What this means is if the upper floor of a particular house has only 100 usable square feet as defined above, and the first floor area is 400 square feet, then the house will be classified as one (1) story with a finished or unfinished attic.

The critical thing to notice when listing the house is the amount of headroom available in the upper stories and the approximate floor space covered. Use of this method to classify story height will facilitate consistent story height classification. The story height of the main section of the building is used to establish the story height description of the structure.

One Story (Typically - Ranch or Camp style buildings): The living area in this type of residence is confined to the ground floor. The headroom in the attic is usually too low for use as a living area and is used for storage only; however attics are possible, providing about 25% of the first floor space.

One & Half Story (Typically - Cape & Conventional style buildings): The living area in the upper level of this type of residence is around 50% of the ground floor. This is made possible by a combination of high peaked roof, extended wall heights and/or dormers. Only the upper level area with a ceiling height of 6 feet or more is considered living area. Measurements are taken by holding the tape at the 6 foot height mark and then measuring across the building. The living area of this residence is the ground floor area times 1.50. Some homes may be classified with a half story but have less than 50% useable space and classified as ATU or ATF in the sketch.

One & Three Quarter Stories (Typically - Cape, Conventional & Gambrel style buildings): The living area in the upper level of this type of residence is made from 65% to 90% of the ground floor. This is made possible by a combination of high peaked roof, extended wall heights and/or dormers. Only the upper level area with a ceiling height of 6 feet or more is considered living area. The living area of this residence is the ground floor times 1.75. See description on 1-1/2 stories for details on how to measure.

Two Stories (Typically - Colonial, Conventional & Gambrel style buildings): The living area in the upper level of this type of residence is 90% to 100% of the ground floor. The living area is the ground floor times 2.0.

**Split Levels (Typically - Raised Ranches or Tri-Level style buildings):** This type of residence has two (2) or (3) living area levels. One area is about four (4) feet below grade and the second is about (4) feet above grade and the third is above or right on top of one of these. The lower level in this type of residence was originally designed and built to serve as a living area and not a basement. Both levels have full ceiling heights. Another variation is an added third living area at or above ground level.

**Coding:** A three (3) character acronym coding system is used to classify areas and story heights of buildings. The following is the coding system and descriptions which is used in identifying areas of the sketch:

- **ATF\*** ATTIC FINISHED Access is through permanent stairs, normally no more than 25% of the total floor area and has 6 foot ceiling height.
- **ATU** ATTIC UNFINISHED No interior finish. (Same as above)
- **BMF\*** BASEMENT FINISHED Below grade and meets at least three of these four criteria: finished floors, finished walls, finished ceilings and heat.
- **BMG** BASEMENT GARAGE Generally sectioned off from the rest of the basement.
- **BMU** BASEMENT UNFINISHED Known as cellar and is below grade.
- **COF** COMMERCIAL OFFICE Refers to office area in commercial buildings not built for offices, such as factories and warehouses.
- **CRL** CRAWL Basement having 5' or less headroom.
- **CPT** CARPORT A roofed structure generally with 1 or 2 walls and attached to the main structure.
- **CTH** Cathedral ceiling area, this is where the ceiling height is greater than 12 feet.
- **DEK** DECK An open deck or entrance landing with no roof.
- **ENT** ENTRANCE Entrance Landing with no roof, 3x3 and larger, normally unable to place a chair and sit.
- **EPF** ENCLOSED PORCH Typically unheated & uninsulated area. May have small heater, but is of seasonal use. Finished walls, floors and ceilings.
- **EPU** COVERED BASEMENT ENTRY All four sides are tight to weather, entrance to BMU, other than metal door (bulkheads).
- FFF\* FIRST FLOOR FINISH Living space with full ceiling height and finished interior.
- **FFU** FIRST FLOOR UNFINISHED Similar to FFF, but unfinished interior.
- **GAR** GARAGE A structure large enough to hold and store automobiles at grade level.
- **HSF\*** HALF STORY FINISHED Usually an upper level story with approximately 40% to 60% of floor area available and used for living space. (6 foot ceiling height).
- **HSU** HALF STORY UNFINISHED Same as HSF, but interior is unfinished.
- **LDK** Loading Dock area. Raised platform of cement.
- **OFF** OFFICE AREA Finished area within home used primarily for business.
- **OPF** OPEN PORCH Roof structure with floor, but at least one (1) side is exposed to the weather. Screened porches are considered OPF's.
- **OPU** OPEN PORCH UNFIN Same as OPF, however, there is little to no finish.
- **PAT** Patio area of stone, cement, brick, etc.
- **PRS** Piling driven into the ground or other material used to support a building off the ground. Normally found with camps or seasonal construction.
- **RBF\*** RAISED BASEMENT FINISHED Used on raised ranch (split level) and Tri-Level homes or any building where 3 of the 4 walls or all 4 walls are 3' to 4' above ground, creating greater utility than a normal basement, or 1.5 or more walls with large windows providing good natural lighting in the basement, and walkout access.
- **RBU** RAISED BASEMENT UNFINISHED Same as RBF, but unfinished.
- **STO** STORAGE Unfinished area used for storage. Not easily converted to living space.
- **SFA** SEMI-FINISHED AREA Enclosed areas finished similar to living space, but not living space, such as indoor pool enclosures.
- **SLB** SLAB Foundation description where no basement or crawl space exist. Poured cement slab
- **TQF\*** 3/4 STORY FINISHED A finished area with approximately 75% of floor area usable as living space.

- **TQU** 3/4 STORY UNFINISHED Same as TQF, except unfinished.
- **UFF\*** UPPER FLOOR FINISHED Upper floor living space with full ceiling height and finished interior.
- **UFU** UPPER FLOOR UNFINISHED Same as UFF, except there is no finished interior.
- **VLT** VAULTED CEILING Ceilings which are slanted or extended above the normal 8 feet, but less than 12 feet.

\*Finished area is denoted by 3 or 4 finishes in a space – heat, floors, walls and ceilings.

#### **Notes:**

- 1.) <u>Attics</u> Attics are only classified if they are accessed by a permanent stairway. Attics which are accessed by pull down stairs or ladder are not assessed, but should be noted in the notes.
- 2.) <u>Basements</u> Below grade areas with at least 5' or more headroom are considered basements. Areas with less than 5' of headroom are considered crawl space. A note should be made when access to the basement is from the outside of the home only. Usable basement areas should be measured, drawn and coded on the sketch. If basement areas are estimated, a note should be made of this estimate in the remarks section.
- 3.) Office Areas Office areas should be measured and drawn on the sketch for all commercial buildings, not designed specifically for offices, ie. garages, warehouses, factories, etc.
- 4.) <u>Cathedral Ceilings</u> Cathedral ceiling areas must be measured when entry into the home is obtained. The area of the cathedral ceiling (length and width) must be drawn and depicted in the sketch area.
- 5.) <u>Vaulted Ceilings</u> Areas where the ceiling is pitched upward, not flat by about 2 to 5 feet, but less than one-story which is the typical height of a cathedral ceiling.

#### **Bay or Bow Window**

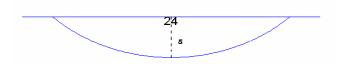
A bay or bow window is a projection on the side(s) of a house which may or may not be considered a livable area. If the bay window(s) include usable floor space, it must be measured, drawn on the sketch at its actual location and properly labeled. Bay windows are most often angled and are drawn to scale on the sketch as they exist, plus a few extra measures as described below to allow for accurate area calculations.



How to measure and sketch a bay window:

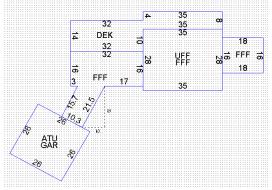
- 1.) Classify the bay window according to its appropriate story height.
- 2.) Check for basement area under the bay window upon listing.
- 3.) Bay windows are only picked up when they include floor space.

In the case of a **Bow window**, the same floor area requirements exist as with the bay window. However, measuring is a bit different. We need to know the depth of the window (5') and the length (24') to be able to sketch and calculate the area. In this case, the length from the point where the bow begins to where it ends is 24 feet. The altitude of the arc created by the bow, or the depth of the window, is 5 feet.



#### **Angles**

Angles are a common type of measure that we come across in the field and it is crucial when measuring an angle to have enough written measurements on the sketch. The square footage on an angle cannot be computed if the appropriate measurements are not placed on the drawing. Create a right triangle on the ground where the hypotenuse is the building wall that is at an angle from the main structure, and then draw that triangle in your sketch giving all the measurements.



The two dashed lines form a 90° angle or right triangle with the building wall being the hypotenuse. Record all the dimensions accurately. With this information, the ATU/GAR addition and the FFF area can be drawn and calculated accurately.

#### STRUCTURAL ELEMENTS

Structural elements describe exterior and interior characteristics of the house. The following is a description list of each structural element:

#### **EXTERIOR WALLS**

Two (2) entries possible, the 2 most predominate

**MINIMUM:** Plywood. Subwall sheathing with tar paper cover as a permanent

siding.

**BELOW AVERAGE:** Siding not otherwise described and reflecting less than average

quality; ie: masonite, rough sawn lumber w/bark.

**NOVELTY:** Denotes wood siding, generally found on camps, with or without

sheathing underneath.

**AVERAGE:** Siding not otherwise described and reflecting average quality (for

comparison purposes other average quality sidings include novelty,

board & batten & clapboard). All forms of softwood.

**BOARD & BATTEN:** Vertical boards with narrow wooden strips called battens covering

the joists.

**ASBESTOS SHINGLE:** Typically the shingles are hard and brittle with noticeable grain or

textured surface, non-flammable material that comes in 1x2

sections used in homes circa 1940 - 1960's.

**LOGS:** Logs that are not simulated log.

**ABOVE AVERAGE:** Siding not otherwise described and reflecting better than average

quality.

**CLAPBOARD:** Wood siding having one edge thicker than the other and laid so that

the thick edge overlaps the thin edge of the previous board, not

cedar or redwood, usually has knots.

**CEDAR OR REDWOOD:** Most commonly found as vertical siding, or at various angles on

contemporary style housing, also exist as very high grade clapboard or shingles can have knots on low side of

cedar/redwood.

**PREFAB WOOD PANEL:** A type of plywood siding of which there are unlimited varieties on

the market. (T-111) Typically, a 4x8 sheets.

**DECORATIVE BLOCK:** Cement block that is either fluted or has a rough finish which

appears like it has been broken in half.

**WOOD SHINGLE:** Shingles not of cedar or redwood, good quality shingles, but not

above average.

**CONCRETE/CINDER:** Concrete or cinderblock siding.

**STUCCO:** Stucco veneer on concrete, cinder block or wood.

**ASPHALT:** Asphalt composition shingle, usually on modest housing.

**BRICK ON VENEER:** Brick veneer on wood or metal frame construction with wood

sheathing.

**BRICK ON MASONRY:** A load bearing structural wall. Not brick buildings.

**STONE ON MASONRY:** Refers to various stone or stone veneers usually on a load bearing

masonry wall.

**VINYL SIDING:** Clapboards made of vinyl with various grades or qualities. Typical

siding used in today's construction due to low cost when compared

to cedar clapboard.

**ALUMINUM SIDING:** Same as vinyl, but with aluminum material, clapboard style siding

made from aluminum.

**PRE-FINISHED METAL:** Enameled or anodized metal commonly found on campers/mobile

homes, commercial and industrial buildings.

GLASS/THERMOPANE: Vacuum packed glass sandwich, usually tinted and commonly

found on large commercial and office buildings.

**SOLID BRICK/STONE:** Solid masonry walls; precast concrete panels.

**CEMENT CLAPBOARD:** Cement fiber siding. Asbestos-free fiber and cement combined and

pressed together in the shape of a clapboard. Holds paint very

well.

**MASONITE:** Composite pressboard/fiberboard, if not maintained will show

areas of rot.

## **ROOF STRUCTURES**

**FLAT ROOF:** Flat, no pitch to any direction.

**SHED ROOF:** Single direction sloping.

**GABLE:** A ridged roof with two pitches slopping away from each other.

**HIP:** A roof that rises by inclined planes from all four sides of the house

to one common ridge or point.

**SALTBOX:** Essentially the same as a gable roof, but one of the two slopes is

much longer than the other.

**MANSARD:** Similar to hip roof, but having a flat area on the top or changes the

pitch of incline part way.

**GAMBREL:** A roof with two distant slopes on each side forming four roof

planes.

**IRREGULAR:** Otherwise not described and having many different angles, shapes

and slopes, i.e. bow style roof.

#### **ROOF COVER**

**METAL/TIN:** Tin or metal covering, often times corrugated like ribbon candy,

typically 4x8 sheets, light gauge.

**ROLLED COMPOSITION:** 

Typically a felt saturated with asphalt and granule stones on the

surface. It comes in a roll. Good for low pitch roofs.

**ASPHALT/FIBER:** Standard type of shingle used today. It can be single or three tab.

Including Architectural style shingles.

**TAR/GRAVEL:** A flat or very low pitched roof coated with tar material and then

covered by a uniform crushed gravel material. This is normally

seen on commercial/industrial buildings.

**RUBBER MEMBRANE:** A thin sheet of rubber seamed together. Typically found on flat

roofs. It is typical for commercial/industrial buildings.

**ASBESTOS:** Shingles of rigid fireproof asbestos. This is typically laid in a

diamond pattern. It is very brittle and used in homes circa 1940-

1960's.

**CLAY/TILE:** Terra Cotta roofs that are not typically found in New England.

**WOOD SHINGLES:** Wood shingle or shake. Wood shakes have random thicknesses as

they are hand split.

**SLATE SHINGLES:** Rectangular pieces of slate, each overlapping the other.

#### **CORRUGATED COMPOSITION:**

It is typically, in 4'x8' sheets. This includes Anjuline panels.

**PREFAB METAL:** Modified corrugated metal panels that are one piece which run

from ridge to soffit. These are either nailed or screwed.

HIGH QUALITY/COMPOSITION:

This is a newer roof that is typically found on higher priced homes. The material can be made with almost any material. Pressed or formed to look like slate or shake. Life expectancy is 50 years.

**STANDING SEAM:** Heavy gauge metal roofing that "stands up" at seams about 2",

every 6-8 inches in an upside down cone fashion with a 50 year

life.

#### **INTERIOR WALLS**

Two (2) entries possible, choose the 2 most predominate

MASONRY/MINIMUM: Cinder block or concrete form/or studs, no finish.

**WALL BOARD:** Composition 4' x 8' sheets, such as Celotex.

**PLASTER:** All plaster backed by wood lattice attached to the studs.

\*\*WOOD/LOG: Tongue & groove construction, logs, wainscoting.

**DRYWALL:** A rigid sandwich of plaster and paper.

**PLYWOOD PANEL:** 4' x 8' plywood panel sheathing comes in many grades and styles.

**AVERAGE FOR USE:** Is generally used for commercial/industrial buildings to describe

the interior finish as being normal for that style building and use.

#### **HEATING FUEL**

**WOOD/COAL:** Chosen only if there is no conventional heating system. Wood

stoves only. (Such as in camps, cottages).

**OIL:** May be identified on the exterior by the presence of oil filler pipes,

kerosene or K1 are also fuel oil.

GAS: LP or propane gas - these can be identified by LP gas which has a

meter on the side of the house or propane gas will have a large tank

on or in the ground.

<sup>\*\*</sup>Custom Wood is now being called Wood/Log. Custom Wood was meant and used to mean solid wood interior, and the term custom was improperly used. As such, it is being corrected, the term custom wood and wood/log are synonymous, interchangeable and carry the same value. The overall quality grade of the house accounts for various wood and design qualities.

**ELECTRIC:** Baseboards or geothermal.

**SOLAR:** Solar panels can be viewed on the roof area.

#### **HEATING TYPE**

**NONE:** No heat.

**CONVECTION:** Heat transfer through dispersion. (Wood stove/monitor or Rennai

type heat).

FORCED AIR NOT DUCTED:

Has blower to blow heat through one vent, no duct work in the

house.

FORCED AIR DUCTED: Series of ducts throughout the house, for hot air to be blown

through.

**HOT WATER:** Forced hot water through baseboards.

**STEAM:** Radiators.

**RADIANT ELECTRIC:** Electric baseboard, typical electric heat, oil heat supplied through

floors, panels in the walls or ceilings.

**RADIANT WATER:** Hot water heat in the floors by tubing under flooring with hot water

through them.

**HEAT PUMP:** Electric unit which provides forced air heat, usually combined with

central air conditioning.

**GEOTHERMAL HEAT:** Listed as electric under heat fuel and heat pump under heat type.

# INTERIOR FLOORING

Two (2) may be chosen, the two most predominant are listed.

**MINIMUM PLYWOOD:** Plywood subfloor or underlayment.

**CONCRETE:** Concrete slab usually commercial or industrial.

**HARD TILES:** Quarry, ceramic tiles or polished stamped concrete.

**LINOLEUM/VINYL:** Refers to all forms of linoleum type products of various designs

and shapes. This also includes commercial grade vinyl tiles as

seen in some schools and grocery stores.

**PINE OR SOFTWOODS:** Pine or softwood boards covering floor area.

**HARDWOOD:** Generally oak, cherry, maple, birch, bamboo or ash woods.

**PERGO/LAMINATE:** A laminate wood look floor that is very durable.

**PARQUET FLOORING:** Refers to a surface made of small pieces of hardwood, solids and

veneers in various patterns and designs.

**CARPET:** Wall to wall carpet of good grade, usually found over the subfloor

material, but occasionally covering other floor covers as a

replacement.

**AVERAGE FOR USE:** Is generally used for commercial/industrial buildings to describe

the floor as being normal for this type of structure and use.

#### **NUMBER OF BEDROOMS**

Bedrooms should be counted considering the resale value, rather than the homeowner's personal use of the rooms. For example, if you go upstairs and find three (3) rooms and a bathroom and the owner says there are only two (2) bedrooms, the other room is used as a library, sewing room, office, etc., then for our purposes, that third room is a third bedroom. One must be careful because libraries, offices and sewing rooms can be legitimate depending on the location in the house and access. Presence of a closet space generally is reason to classify as a bedroom(s). However, it should be noted that a closet is not the only measure to determine, ie: many homes had no closets in the bedroom, yet they are still classified as bedrooms.

#### **BATHS OR BEDROOMS**

Count the physical number of rooms and total fixtures. For bathrooms, enter the number of rooms and under fixtures, enter the total number of fixtures. A fixture is a bath, sink, shower, urinal, bidet, Jacuzzi tub, etc.

#### **Commercial Baths**

0 = None

.5= Minimum

1 = Below average for use

2 = Average for use

3 = Above average for use

4 = Extensive for use

#### **GENERATORS**

Number of units found. Notes on size and model should be made. This option to assess as part of the building characteristic is available; however, it may or may not be implemented in this community.

#### EXTRA KITCHEN

Number of kitchens that exist beyond the first/main kitchen in the home. This is normally seen in in-law apartments or additional living areas. This option to assess as part of the building characteristic is available; however, it may or may not be implemented in this community.

#### **AIR CONDITION SYSTEMS**

Room air conditioners are not considered, unless permanently built in.

**NO:** None exist, or only room units are present.

YES: Normally a large compressor found outside with complete duct work throughout

house or parts of the house, sometimes combined with a heat pump.

If a permanent wall unit is found, it will be noted as central air and an estimated percentage of the cooled area will be noted, ie 25%, 50%, 75% or 100%.

# **NUMBER OF STORIES**

The number of stories should be identified and noted on the DCF upon measuring. The number of stories will be further adjusted for accuracy, if needed, upon listing or review. If the building has multiple story heights, the area with the most square footage should determine the overall story height classification. However, each section of the house should be correctly labeled as it exists on the sketch.

#### **QUALITY ADJUSTMENT**

Quality adjustment refers to the overall quality of construction, marketability and desirability of the property.

B5 = Average - 50%	A3 = Average +30%
B4 = Average - 40%	A4 = Excellent
B3 = Average -30%	A5 = Excellent + 10%
B2 = Average -20%	A6 = Excellent + 20%
B1 = Average - 10%	A7 = Excellent + 40%
A0 = Average	A8 = Excellent +60%
A1 = Average + 10%	A9 = Luxurious
A2 = Average + 20%	AA = Special Use
	B4 = Average -40% B3 = Average -30% B2 = Average -20% B1 = Average -10% A0 = Average A1 = Average +10%

#### **CONDITION**

Condition relates to the primary structures condition relative to the year built listed as:

This is also where depreciation is accounted for. Depreciation is defined as a decrease or loss in value because of wear, age, location or other causes.

#### Defined as:

<u>Functional</u> - Based on problems with design, layout and/or use of building, i.e. bathroom between 2 adjacent bedrooms with no hallway access to bathroom. Bedroom through bedroom access, very low ceiling, chimney through middle of the room.

<u>Economic</u> - Based on factors influencing value that are external to the building and beyond the owner's control, i.e. house is situated close to a nightclub, airport, dump, sand & gravel pit or any unsightly property.

<u>Physical</u> - Poor physical condition above and beyond the normal wear and tear, i.e. severe water damage, fire damage, rotted window sills, bouncing, cupping or crowning floorboards, sagging ceiling or floor.

The percentage applied to depreciation is calculated based on the severity of the issues as noted by the data collector. The Supervisor makes this determination based on the notes of the data collector. The reason for the depreciation, i.e. next to gravel pit, should be listed in the notes section with the appropriate adjustment in the depreciation section. Typically, physical depreciation relates to the cost to cure the problem.

#### XFOB

Extra features and outbuildings - in general, XFOB's refer to structures that are not attached to the principal building. XFOB's must be:

- a. Identified.
- b. Measured (length & width).
- c. Units or quantity (how many) identified (when length & width not used).
- d. Condition noted as a percentage.
- **IGP IN GROUND POOL** There are many different sizes of IGP's and all will need to be measured accurately. Pools may be of irregular shapes such as kidney bean. A kidney bean shape IGP should be measured on its longest length and its average width.
- **AGP ABOVE GROUND POOL** AGP's are measured and assessed starting at 18' diameter. AGP's less than 18' in diameter (or less than 250 square feet) are not assessed, but should be measured and noted on the card. Softpools are not measured, but should be noted.

Common AGP diameters and AREA calculators for round pools.

<u>Diameter</u>	Area (Units)	Length Width	
18'	254	18'	14'
20'	314	20'	15'
22'	380	22'	17'
24'	452	24'	18'
27'	572	27'	21'
28'	615	28'	22'

AGP's that are rectangular are measured on their longest length & widest width.

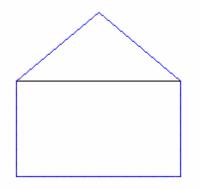
- **SHEDS -** All sheds are measured. An average new shed should have a condition of 100%. If of very good quality, increase or decrease if in poor condition.
- **DECK** Deck refers to platforms that are not attached to the primary building. Some decks will be attached to the above ground pools.

All XFOB's are measured with the exception of the following:

- 1. Childs playhouse
- 2. Tree houses
- 3. Ice or Bob houses
- 4. Bulkheads metal doors covering the entrance to the basement
- 5. Dog houses
- 6. Fire escape platforms
- 7. Handicap ramps
- 8. Metal storage boxes (or trailer bodies) on residential property.

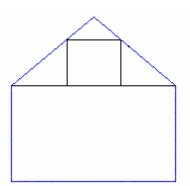
All XFOB's not picked up should be noted.

# **STORY HEIGHT EXAMPLES**



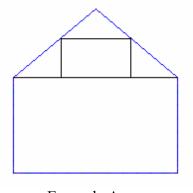


Ranch - Bungalow or comparable structures. No second floor or attic space.



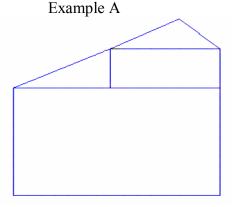
#### 1 STORY FRAME & ATTIC

Mixture of Ranch & Cape Cod Style. Camps, Cottages & Mixtures. Low headroom. Only about 25% of the first floor space has 6' headroom on the upper floor. Could be noted as 1 story dwelling or a 1-1/2 story dwelling dependent upon market information.

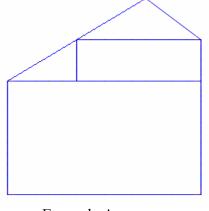


#### 1-1/2 STORY FRAME

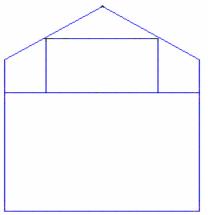
Same basic structure as above with or without shed dormers. In both cases only about 50% of the ground floor space exists in the upper floor as useable space with 6' wall height. Floor space may be larger, but ceiling slope brings the floor to ceiling height less than 6', and as a result, it is not considered upper floor area. See Example A & B Left



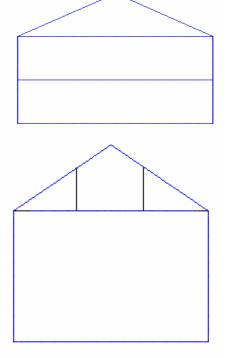
Example B



Example A



Example B



#### 1-3/4 STORY FRAME

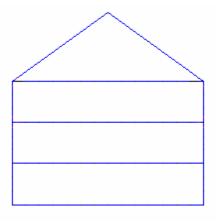
Full shed dormer or very high pitch roof without dormer found throughout the state. Second floor area is about 75% or more of the first floor area. See Example A & B Left

#### **2 STORY FRAME**

Side walls fully perpendicular. Slopes in ceiling do not interfere with total use. Full ground area carried to second floor, have 6' or greater ceiling height.

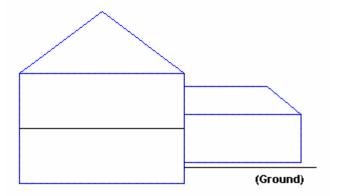
# 2 STORY FRAME & ATTIC

Has a higher pitch in roof. Stairs to third floor, providing only about 25% useable space in the 3<sup>rd</sup> floor attic area.

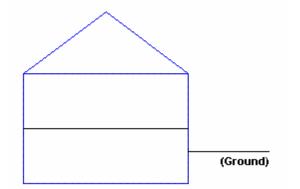


# **3 STORY FRAME**

All floors perpendicular walls, equal useable living space on all three floors.



**Tri-level** = 2 story type structures with entrance midway between the two, with an addition at a different level, usually between the other two. One level 4' below grade, one on grade and one 4' above grade.

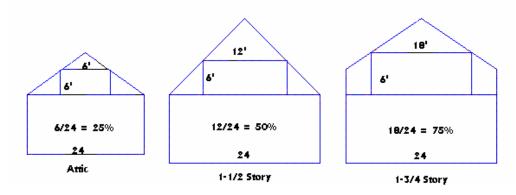


**SPLIT ENTRY** - one story Ranch Style Home ½ of lower floor foundation exposed.

There are two (2) methods to determine story height other than visually:

1.) This method is the most accurate way to determine story height. When entry into the home is obtained, the data collector will measure across the ceiling at approximately 6' in height (in the upper story(ies). This measurement will determine the upper story liveable area and from this a story height may be obtained.

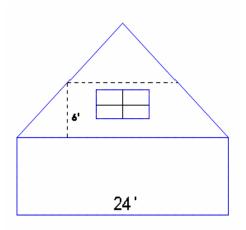
Example: Method 1



2.) This method may be utilized when entry into the home has not occurred. This method will give you a rough idea of the story height.

Run an imaginary line thru the upper part of window(s) to where it would meet the roof line. Run a second imaginary line down from this point. The distance from the side of the house to this second imaginary line is measured. Double this measurement to account for this distance on the other side. This represents nonlivable area.

Example: Method 2



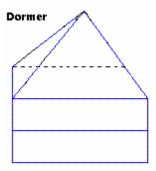
Computation: 6 x2 = 12 (12' total non livable space) 24-12=12 (12' total living space) 12/24 = 50% = Half Story

\*Note: Estimate 6' ceiling height. Normally, this is just below or at window top. It is important to know where the first floor ends and the second floor begin, via window view, as high exterior side walls may not mean higher first floor ceiling and this may increase the potential second floor area.

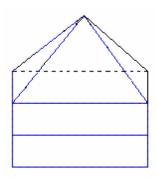
## **Dormers**

Dormers are projected roof lines that may or may not be considered as livable area. When dormers are of considerable size, they contribute to the livable area. The additional area supplied by the dormer must be included in the determination of story height.

#### **EXAMPLES**:



Normally, this is 2-1/2 story house without a dormer. Due to the addition of a full or at least 3/4 length dormer, we now have a 2-3/4 story house. Full dormer means from one end to the other. 3/4 dormer means the dormer covers at least 3/4 of the total distance from end to end.

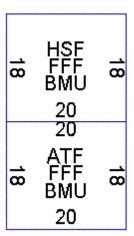


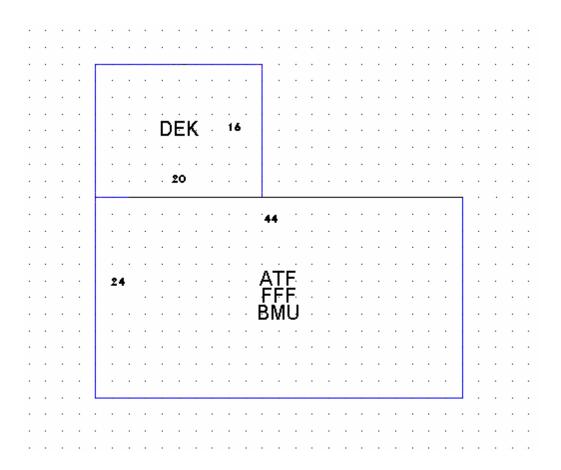
The addition of a dormer to each side of the house can transform a 2-1/2 story house to a 3 story house if full dormers or 2-3/4 story if partial dormers. It is important to note the size of the dormers, whether half, 3/4 or full.

In some cases, the dormer may be only half way down the side of the house. In this case, show the location of the dormer on the sketch with proper story height labeling.

Represents dormer addition

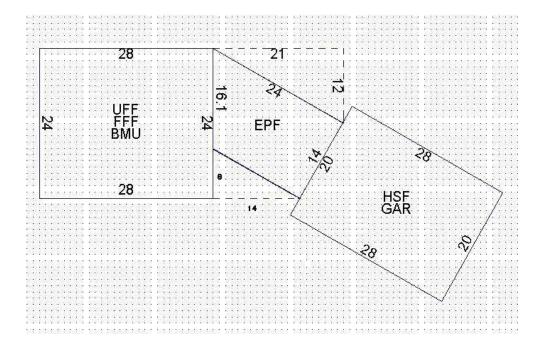






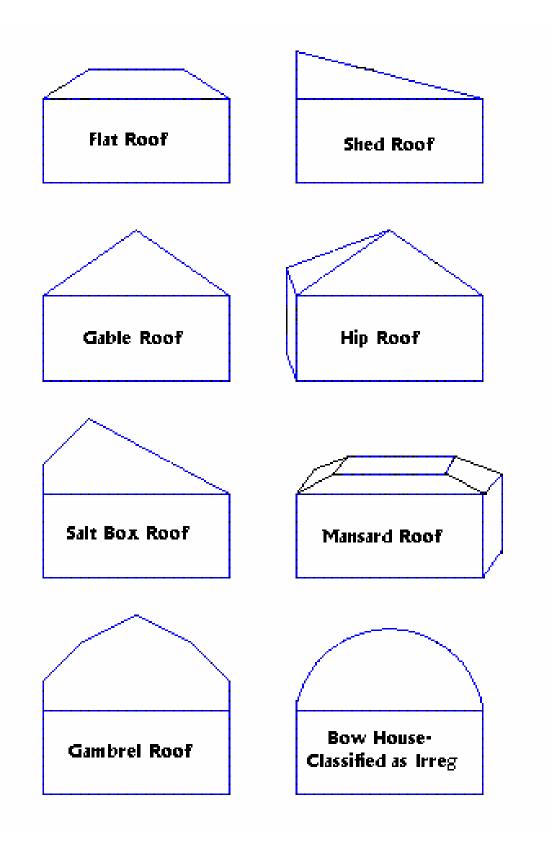
The grid on the back of the DCF is used to draw a sketch of the building to scale. Each point on the grid represents 2 feet, unless otherwise noted by the field person on the sketch.

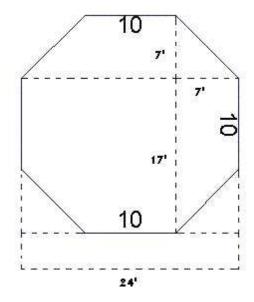
Each section is labeled by existing floors starting with the attic, upper floors, first floor or ground floor and then the basement. Order of the labels does not affect the value, but it does look more correct when labeled top down.



Whenever angles are involved, it is important to provide enough information to accurately compute the area of each section. By breaking up a section into squares, rectangles and right triangles, it makes the area calculation easier and more accurate. Too much information is better than too little. With too much information, we can simply ignore the excess and still calculate the area. With too little information, someone must revisit the property.

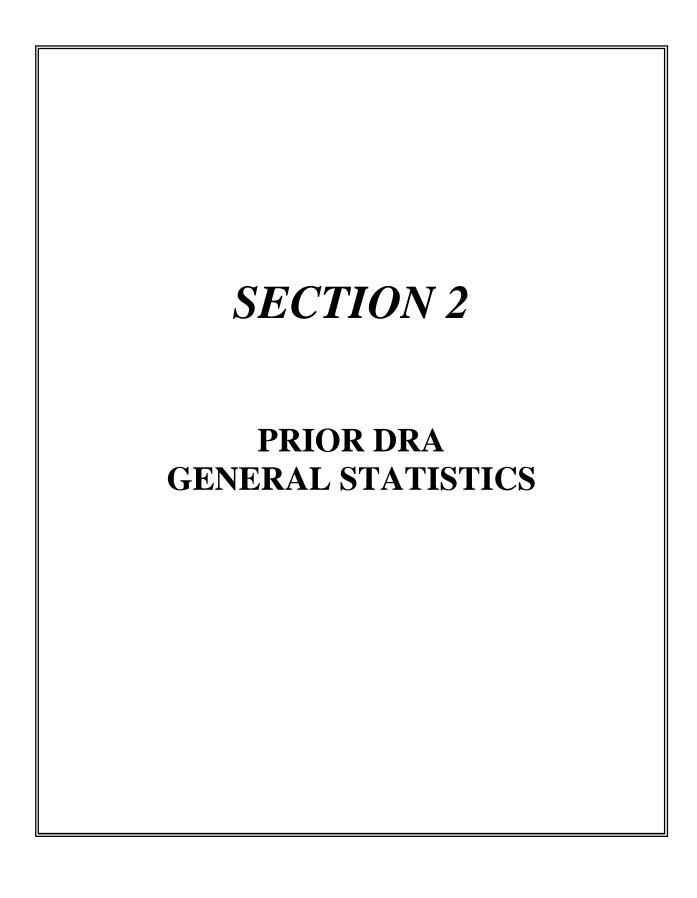
# **ROOF TYPES**





(Only one set is needed when the other angles are the same).

When measuring an octagon, getting interior measurements are critical. However, one can compute the necessary measurements by taking a few extra exterior measurements, as indicated. Then when entry is obtained, the interior measurements can be made to verify the area.



# **Prior Sales Analysis Information**

The following data is provided to show the sales ratio and coefficient of dispersion for the town as a whole, as well as the land only strata and the land with buildings strata, as computed by the Department of Revenue Administration, Property Appraisal Division from the most recent report. This shows the condition of the local assessment equity or the lack thereof and the reason a valuation anew is being done. This equalization study by the NH DRA is used to equalize municipal total valuations across the state, as well as determine the local level of overall assessments as compared to local sales activity. It is a thorough analysis and study of the local sales and assessment data performed with assistance from the municipality. As such, it is a good indicator of the condition and quality of the local assessments of the prior year.

Acceptable standards/guidelines, as published by the NH Assessing Standards Board

Assessment to sales ratio: 90% to 110%

Coefficient of Dispersion (COD): Not Greater Than 20

Price Related Differential (PRD): .97 to 1.03

Difference between Strata: 5%

Strata: Land only

Residential Land & Buildings

Commercials

Confidence Level: 90%

# DRA PRIOR YEAR RATIO RESULTS

The following prior year ratio statistics, developed by the NH DRA, are being provided at the request of the NH DRA. This information is not part of the contract or scope of services or USPAP Standard 6. It is historic, not current data and has no bearing or use in this revaluation. The writer accepts no responsibility for the accurate meaning or use of this data.

#### Ratio Study Year 2015

Overall Median Assessment to Sales Ratio:	<u>110.7%</u>
Coefficient of Dispersion:	<u>19.4</u>
Price Related Differential:	1.09

	<b>Ratio</b>	<u>COD</u>
<b>Residential Land Only Sales:</b>	<u>N/A</u>	<u>N/A</u>
Residential Land & Building Sales:	<u>110.7%</u>	<u>19.4</u>
Commercial Land & Building Sales:	<u>N/A</u>	<u>N/A</u>

# SECTION 3 VALUATION PREMISE

- A. THREE APPROACHES TO VALUE HIGHEST & BEST USE
- **B. ZONING**
- C. TOWN PARCEL BREAKDOWN
- D. TIME TRENDING
- E. NEIGHBORHOOD CLASSIFICATION
- F. BASIC MASS APPRAISAL PROCESS
- G. ASSUMPTIONS, THEORIES & LIMITING FACTORS
- H. TELECOMMUNICATIONS & UTILITIES

# A. Three Approaches to Value

<u>Income</u>: The "value" of real estate represents the worth of all rights to future benefits which arise as a result of ownership. An investor purchases property for the benefits (income) that the property is expected to produce. Expectation of receipt of these benefits provides the inducement for the investor to commit his own funds as "equity capital" to ownership of a piece of real estate. The value of the property depends on its earning power. The Income Approach to Value is a method of estimating the present value of anticipated income benefits. This process of discounting income expectancies to a present worth estimate is called "capitalization." This present worth estimate, the result of the capitalization process, is the amount that a prudent, typically informed purchaser would be willing to pay at a fixed time for the right to receive the income stream produced by a particular property.

In mass appraisal, the income approach is generally of limited use as it requires the property owners to provide income and expense information that, for the most part, they are unwilling to provide and do not have to provide by law. When it is provided, it is almost always with the stipulation that the information be kept confidential. For the above reasons, the income approach is mostly used as a general check against the market cost approach used in mass appraisal work based on published averages for various property types. Although held confidentially, when income data is provided, it will be considered and noted on the property record card. The Income Approach to value was not utilized for the above-stated reasons.

<u>Market</u>: The Market Approach to Value is a method for predicting the *market value* of a property on the basis of the selling prices of comparable properties. Market value in the context of this approach means the most probable selling price under certain terms of sale or a sale for cash or the equivalent to the seller with normal market exposure.

<u>Cost</u>: The Cost Approach is that approach in appraisal analysis which is based on the proposition that the informed purchaser would pay no more than the cost of producing a substitute property with the same utility as the subject property. It is particularly applicable when the property being appraised involves relatively new improvements which represent the highest and best use of the land or when relatively unique or specialized improvements are located on the site and for which there exist no comparable properties on the market.

In the "Cost Approach," the property to be appraised is treated as a physical entity, separable for valuation purposes into site and improvements.

Although the three-approach system has become widely used, the Market Approach is clearly the central, if not the only relevant approach in estimating the value of some types of properties. The rationale of the Market Approach is that a purchaser will usually not pay more for a property than he would be required to pay for a comparable alternative property (*principle of substitution*). Furthermore, a seller will not take less than he can obtain elsewhere in the market. The *method* of the Market Approach is an empirical investigation in which the prediction of the most probable selling price is based on actual qualified market sales of comparable properties.

A qualified sale is one which reflects the true market value of the property sold. Various definitions have been offered for the term "market value," but all are predicated, as a rule, upon the following basic assumptions:

- 1. That the amount estimated is the highest price in terms of money for which the property is deemed most likely to sell in a competitive market.
- 2. That a reasonable time is allowed for exposure in the open market.
- 3. That payment is to be made in cash or on terms reasonably equivalent to cash or on typical financing terms available at the time of appraisal.
- 4. That both buyer and seller are typically motivated and that the price is not affected by undue stimulus.
- 5. That both parties act prudently and knowledgeably and have due knowledge of the various uses to which the property may be put.

The following is a recent definition of "market value" approved by the American Institute of Real Estate Appraisers and the Society of Real Estate Appraisers:

The highest price in terms of money which a property will bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and seller, each acting prudently, knowledgeably and assuming the price is not affected by undue stimulus.

As a practical matter, a market value appraisal/assessment is the value the property would most probably or reasonably sell for as of a given date, if sufficient time had been allowed to find a buyer and if the transaction was typical of existing market conditions.

The above definitions were extracted from The Encyclopedia of Real Estate Appraising 3<sup>rd</sup> Edition.

However, it must be noted that the lack of direct local comparable sales data does not mean a feature that adds or detracts from value should be ignored. As assessors, an opinion of value must still be developed and we cannot ignore positive or negative features. NH law requires that all factors affecting value be considered. The knowledge and years of experience of the job supervisor is critical, not only when sales data exists, but more so when lacking credible local sales data, common sense and consistency must prevail.

### MARKET MODIFIED COST APPROACH TO VALUE

This approach to valuing a large universe of properties, such as an entire municipality, is the most common approach used in mass appraisal. It is a mixture of the cost and market approaches to value. It recognizes the principal facts or information of the property and uses a consistent cost formula to develop equitable values for all property in the Municipality. Then those cost values are compared to actual sales in the community. The results are used to modify the cost tables to enable the formula to more closely follow the actual real estate market data.

# **AVITAR's**

## **CAMA: Computer Assisted Mass Appraisal**

#### Mass Appraisal

As defined by the International Association of Assessing Officers (IAAO), mass appraisal is, "the process of valuing a group of properties as of a given date, using standard methods, employing common data, and allowing for statistical testing." Mass appraisal utilizes many of the same concepts as single appraisal property appraising, such as supply and demand, highest and best use, and the principles of substitution and anticipation. In addition, in light of the necessity of estimate values for multiple properties, mass appraisal also emphasizes data management, statistical valuation models, and statistical quality control.

The Avitar CAMA (Computer Assisted Mass Appraisal) system being used is defined as a Market Modified Cost Approach to Value. What this means is that the cost approach method of estimating value is recognized as the most appropriate method to value multiple parcels. Using local costs from builders and nationally recognized cost manuals like the Marshall & Swift Cost Guide, base costs for the improvements and material types are created. Local sales are used to develop land values. Then using all the local market sales data, the cost tables are modified to reflect the local market trends. This process is called model calibration. While cost manuals, local contractors and sales data are used to develop preliminary costs for the CAMA's cost tables, it is during the calibration process where all the qualified sales data is used and tested considering several parameters, such as location, size, quality, use and story height. Through multiple reiterations of the statistics, the Job Supervisor fine tunes the model to accurately produce assessments that reasonably match or closely approximate the sales data.

This process is not perfect, as market sales data is subject to the perceptions and emotions of buyers and sellers at any given point it time. While you and I may want to buy a particular house, we will both most likely be willing to pay different amounts and the seller may or may not accept either offer. If the seller accepts a lower value before the higher offer is made, that sale then represents an indication of market value. Was it low because the higher offer wasn't made in time? For example, in a 2002 transaction, a property was offered and well advertised through a real estate agent. An offer was made and rejected. A day later, prior to a counter offer from the first offer, a new offer came in at the asking price and was accepted. Was that the market price? Well consider this:

Prior to the closing of the property, 30 days later, the buyer was offered \$20,000 to simply sign over his purchase and sales agreement to a third party. An additional 10% profit! He refused and lives in the property today, thinking he bought low.

Knowing all this, what is your opinion of the real market value?

The point here is that sales generally indicate value. While they in fact did occur, it is only one indicator of value and not every sale necessarily always reflects the true market value. In the real world, buying and selling of property is almost always subject to some sort of pressure or duress. The seller is selling for a reason, emotional or economic and the buyer is moving to the area for similar reasons, such as being close to family or a new job. In either case, in our experience there is always some form of pressure and it is this mild form of pressure that can cause similar properties in the same neighborhood on the same day to sell for different prices. **Simply stated** - the market is imperfect.

A market modified cost approach to value tends to level out these differences and as such, some values will be below their selling price, while others will be right on or somewhat above, but all should be a reasonable opinion of the most probable market value as of the date of the revaluation.

#### THE SALES DATA

At the beginning of the process, copies of all qualified arms length sales which occurred in town over the past two years are compiled. These sales are then sorted into two categories: Vacant and Improved.

The vacant land sales are then analyzed to help us identify neighborhoods, excess land values, lot values, waterfront or view influence and other values/factors necessary to properly, fairly and accurately assess land.

In the case where land sales are few or non-existing, the land residual method is used. While somewhat more technical, it is an equally accurate method whereby all relatively newly built home sales are reviewed, the building values are estimated by the use of cost manuals and local contractors, when available. The building value is then deducted from the sale price, leaving the residual value of the developed land.

We then develop cost tables for improvements to the land. Once all the physical data for each property is collected and the sales data verified, we then compute new total values for each property and test against actual sales data, hence, the Market Modified Cost Approach to value CAMA system.

Please note that not every technique described herein is used in every project. The most appropriate methods are used for each project based on the data available.

#### HIGHEST & BEST USE

For this revaluation/update, unless otherwise noted on the assessment record card, the highest & best use of each property is assumed to be its current use.

Individual property highest and best use analysis is not appropriate for mass appraisal.

"Highest & best use," has been defined as: that reasonable, legal and probable use that will support the highest present value.... as of the effective date of the appraisal.

It has been further defined as that use, from among reasonably probable and legal alternative uses, found to be physically possible, appropriately supported, financially feasible and which result in the highest land value. In those cases where the existing use is not the highest & best use, it shall be noted on the individual assessment record card.

# **B.** Zoning

Local zoning, if enacted, is a very important part of the valuation process as it defines what can or can not be done with land in defined areas of the municipality. It further sets the standards for the required lot size and road frontage needed for each zone.

Local zoning as provided by the municipality as in effect for the assessment date of April 1<sup>st</sup>, the year of this valuation process is described below.

Proposed changes, if known, will also be discussed and given any due consideration.

The Town of Wentworth has not adopted a zoning ordinance, however, the following lot size and frontage requirements are stipulated in Subdivision Regulations in effect as of 4/1/2016.

Zone 1 – Residential (Res) Area – Minimum land area is one (1.0) acres. Frontage – No minimum frontage is specified, however, two hundred (200) feet is used.

# C. Town Parcel Breakdown

#### **Wentworth Parcel Count**

	# of Parcels	Value
RESIDENTIAL LAND ONLY (not including current use):	155	\$ 4,029,500
RESIDENTIAL LAND ONLY WITH CURRENT USE:	213	\$ 1,766,425
RESIDENTIAL LAND & BUILDING (not including current use):  Median: \$ 143,800	317	\$ 47,233,000
RESIDENTIAL LAND & BUILDING WITH CURRENT USE:	108	\$ 17,826,941
MANUFACTURED HOUSING ON OWN LAND:	64	\$ 4,538,839
MANUFACTURED HOUSING ON LAND OF ANOTHER:	55	\$ 344,700
RESIDENTIAL CONDOMINIUMS:	Included in R	esidential Buildings
DUPLEX & MULTI-FAMILY:	11	\$ 1,970,674
COMMERCIAL/INDUST. LAND ONLY (not including current use):	4	\$ 196,600
COMMERCIAL/INDUST. LAND & BUILDING (not including current use):	12	\$ 4,948,300
COMMERCIAL/INDUST. WITH CURRENT USE:	5	\$ 2,385,330
UTILITY:	6	\$ 8,425,200
TOTAL TAXABLE:	950	\$ 93,665,509
TOTAL EXEMPT/NONTAXABLE:	51	\$ 7,102,900
TOTAL NUMBER OF PARCELS:	1001	
(TOTAL NUMBER OF CARDS):	1075	
PROPERTIES WITH VIEWS (included above):	130	
PROPERTIES WITH WATER FRONTAGE (included above):	188	
DRA CERTIFICATION YEAR:	2016	
LARGEST PROPERTIES		

You do not have any individual properties that either represent at least 10% of the total taxable assessed value or have an assessed value of at least \$25 million.

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# D. Time Trending

This is the process by which sales data is equalized to account for time. The "market" is dynamic and ever changing. It is either stable, appreciating or depreciating over time. It is this effect of time that must be analyzed to enable the reliable use of sales 1 or 2 years prior to, or even after the assessment date.

The analysis of property which has sold twice in a relatively short period of time with no changes/improvements between the two sale dates is ideal for this calculation.

Additionally, a review of surrounding municipal trends via New Hampshire DRA's annual ratio study reports for 3 consecutive years, as well as local Realtor information can be used to reconcile an opinion of the current market trend or lack thereof. It should also be noted that, in a depreciating market, a negative trend factor may be discovered and used, which would adjust sale prices for the passage of time.

The following is a summary of the analysis of the sales used broken down by year, a review of the Department of Revenues sales ratio studies for 2013, 2014, and 2015, and an analysis of two paired sales or properties that sold twice.

Sales Analysis Results	<u>Year</u>	Median Ratio	<u>Year</u>	Median Ratio
	2013	1.141	2014	1.047
	2014	1.047	2015	1.173
	2015	1.173	2016	1.152

To determine the trend factor for 2014 using the sales analysis, we took the difference between the 2013 and 2014 ratios (0.094), divided that number by the 2013 ratio of 114.1% which resulted in a positive trend factor of 8.24%, or 0.687% per month.

To determine the trend factor for 2015 using the sales analysis, we took the difference between the 2014 and 2015 ratios (0.126), divided that number by the 2014 ratio of 104.7% which resulted in a negative trend factor of 12.03% or -1.003% per month.

To determine a trend factor for 2016 using the sales analysis, we took the difference between the 2015 and 2016 ratios (0.021), divided that number by the 2015 ratio of 117.3% which resulted in a positive trend factor of 1.79% or 0.149% per month.

The average of this analysis suggests a negative 0.056% per month trend.

#### DRA Equalization Ratio Study

<u>Year</u>	Median Ratio
2013	107.5%
2014	107.5%
2015	110.7%

The fact that the 2013 and 2014 DRA ratios are same indicates that there was no market change between those years, so there is no trend factor for 2014.

To determine the trend factor for 2015 using the DRA figures, we took the difference between the 2014 and 2015 ratios (3.2), divided that number by the 2014 ratio of 107.5% which resulted in a negative trend factor of 2.98% or -0.248% per month.

We also analyzed 2016 qualified sales through 4/1/2016; however, as this analysis reflected only a portion of 2016, the DRA ratio for the entire year doesn't exist.

The average of this analysis suggests a negative 0.069% per month trend.

In addition, we completed a paired sales study which represents a trend from 2010 through 2016.

Sale #	Map/Lot	<u>Sale #1</u>	<u>Sale #2</u>	Percent	Mos.	% Per
		Date/Price	Date/Price	<b>Change</b>	<u>Between</u>	<u>Month</u>
					<u>Sales</u>	
1.	5-4-19	12/10 \$50,000	12/15 \$45,000	-10.0	60	-0.17
2.	13-3-18	9/12 \$25,900	11/14 \$34,900	34.7	26	1.33

The average of these sales suggests a positive 0.58% per month trend.

#### Summary

The conclusions reached by each analysis provide conflicting results, suggesting a market appreciation of 0.58% per month to a market decline of 0.069% per month. Due to those conflicting results and because the magnitude of the change indicated by each approach is minimal, it is my opinion that no time trend be applied.

# E. Neighborhood Classification

#### **Market Value Influences**

The most often repeated quote about real estate relates the three most important factors, "location, location, and location." While humourous, it underlines a significant truth about the nature of property value: it is often factors outside of the property boundaries that establish value.

Most real estate consumers understand the importance of location. A house that is located steps from the ocean likely has more value than a similar one miles away from the waters edge. A retail building close to schools or commuting routes likely has more value than one located far away from these amenities. The stately home located in an area of other similar property likely has more value than a similar one located next to the municipal landfill.

At its very heart, the property tax is a tax on value. Revaluations use mass appraisal that must recognize all factors that influence the value of property, both in a negative and positive direction. Each of these factors may be different in different locations. For this reason, the mass appraisal is indexed to local conditions and uses locally obtained and adjusted information to determine values.

The nature of value influences can affect an entire municipality or region. Entire municipalities may be "close to skiing." Whole counties may be "fantastic commuting locations." Significant areas of our state are quiet country locations. For these reasons, a revaluation may not identify each and every separate factor that influences the value of property. Many of these common elements are assumed to exist for all similar properties in a municipality.

There are value influences that affect entire neighborhoods. These may be as obvious as a location on or near a body of water, ski area, or golf course. They also may be as subtle as a location near a certain park or school, or in a particularly desirable area of the municipality. Whether subtle or obvious, the mass appraisal must account for all of these value influences.

There are also value influences that affect individual properties. These can include such things as water frontage, water access, panoramic views, highway views, proximity to industrial or commercial uses, and heavy traffic counts. These property specific influences may be difficult to isolate, but are critical in the development of accurate values.

The mass appraisal must recognize all value influences: regional; local; neighborhood; and, property. By understanding these factors, accurate market value estimates can be made. Ignoring any of these factors could lead to inaccurate values, and establish a disproportionate system of taxation. Fairness requires that all factors be considered in valuation.

In every community, certain sections, developments and/or locations affect value both positively and negatively in the market. This affect is gaged by the development of neighborhoods. Each neighborhood reflects a 10% value difference positive or negative from the average or most common neighborhood in the community. The most common neighborhood of the community is classified as "E" and each alphabet letter before and after "E" reflects a 10% change in the base or average value. This is market driven, but can generally be equated to the desirability of the road, topography, vegetation and housing quality and maintenance. Attempting to measure this location difference in increments of less than 10% is unrealistic. Once all the neighborhoods are defined, vacant land sales and improved sales are used to test their existence. Views may not only affect individual properties, they may also impact the entire neighborhood desirability.

As a rule, neighborhoods are first defined by the assessing supervisor based on his/her knowledge and experience considering the above stated factors and then tested and modified by local sales data, as follows:

First, all the roads in town are driven and the neighborhoods are graded in relation to each other based upon topography, building quality and maintenance, utilities, overall land design and appeal. Using sales data to test our decisions, we also check with local Realtors to confirm our grading of the most desirable and least desirable neighborhoods. Then, we review all the vacant land sales to find the ones that reflect, (as closely as possible) the zoned minimum lot size. In other words, if the zoning in town requires 1-acre and 200 feet of road frontage, we are looking for sales of similar size lots to develop the base undeveloped site value for that zone.

After identifying the base site values for each zone, we then develop a value for excess road frontage and excess acreage above the zone minimum. For example, a 10 acre lot in a 1 acre zone has 9 acres of excess land. The influence that excess road frontage has on value is considered based on market data. Historically, that influence is only measurable when both road frontage and excess land exist to meet zoning for possible further subdivision.

Neighborhoods are classified by alphabetical letters, as follows:

<u>NC</u>					
A	-40%	F	+10%	J	+50%
В	-30%	G	+20%	K	+60%
C	-20%	Н	+30%	L	+70%
D	-10%	I	+40%	M	+80%

E = Average or most common.

Q, R, S, T neighborhood designations are reserved for special/unique situations and may or may not follow the 10% steps. *See Section 9, Valuation Cost Tables & Adjustments*. The "X" designation however, is reserved for rear land, excess acreage designation. When "X" is found on land line 1, it means that the particular lot has no road frontage or known access and is in practical terms landlocked.

Neighborhoods generally designate differences in location across the town based on type of road (dirt, paved, wide, narrow, etc.), condition of land (flat, rolling, steep, wet, etc.) and quality of buildings (high quality, low quality, all similar or mixture, etc.), as well as features like side walks, underground utilities and landscaping of the entire area.

Generally, the value difference from neighborhood to neighborhood is 10% of the average. Each neighborhood is labeled alphabetically with "E" being the average and letters below "E" (D, C, B, A) being less than average and letters after "E" (F - T) being above average.

An "A" neighborhood generally denotes an approved subdivision road not yet developed or maybe just timber cleared. It is typically paper streets.

A "B" neighborhood generally denotes a road cut and stumped and very rough, but passable by 4x4 vehicles.

A "C" neighborhood generally denotes a graded road, either narrow or of poor quality, but passable by most vehicles.

A "D" neighborhood generally denotes below average neighborhood, may or may not be town maintained with poorer quality land and/or lower quality homes and/or a mixture of quality and style homes. Oftentimes, they are more narrow than your average Class V road.

An "E" neighborhood generally denotes the average neighborhood in town, typically a Class V town maintained roads with most utilities above ground and sites that generally consist of average landscaping.

An "F" neighborhood generally denotes neighborhoods above average with similar quality buildings, roads and typically, utilities are underground and sites are more consistently landscaped. Above average neighborhoods are generally more desirable and the factors noted increase marketability. Always remember...location, location, location!

# F. Basic Mass Appraisal Process

While the supervisor is analyzing and developing neighborhoods and local values, building data collectors, approved by New Hampshire Department of Revenue Administration (NH DRA) are going parcel by parcel, door to door measuring all buildings and attempting to complete an interior inspection of each principal building to collect the needed physical data, age and condition of the building.

With the land values developed, we now review improved sales, sales that have been developed and improved with buildings or other features, such as well and septic. By deducting the base land value previously established, adjusted by the neighborhood and topography, as well as any other features, such as sheds and barns, a building residual value is estimated. After adjusting for grade and condition, we divide by the effective area of each building to arrive at an indicated square foot cost. This is then compared to a cost manual, like Marshall & Swift and/or local contractor information to determine the local building square foot cost.

The effective area of a building is computed by considering all areas of all floors and additions of the building and then adjusting each area by its relative cost. If living space is estimated to be \$98.00/SF, the basement area of the house is not worth \$98.00/SF, but rather some predictable fraction. As such, each section of the building has an <u>actual area</u> and an <u>effective area</u> which is the actual area times a cost adjustment factor. Each assessment property record card shows the actual area, cost factor and effective area of each section/floor of the building. The cost factor adjustments are consistent through the town.

This is where, using all the previous cost data developed, we begin to extract the value of views and waterfront in the community. Both vary greatly due to personal likes and dislikes of the market, but both have general features that the market clearly values. For waterfront, private access to the water is the most valuable, but even that may be adjusted for size, topography, usefulness of the waterfront, as well as depth in some areas.

The challenge here is to develop a base value for the average or most common waterfront site and then grade each site in relation to the average based on available sales data. If lacking specific sales data, the search may be expanded to include other bodies of water in other towns. Views are a bit more difficult, as they vary widely as does the value that the market places on them. However, the process is much the same. Using sales, we extract a range of value the market places on different views by first accounting for the basic land value and improvements. What value remains is attributed to the view. Views are classified by type, subject matter, close-up versus distant and width of the view. The adjustments for the influence of view are then systematically applied to all other properties in town with views. Also, a view picture catalog is prepared to show the various views.

Once the cost tables are developed, they are used to calculate all values across the municipality. Then the job supervisor and assistant do a parcel by parcel field review to compare what is on each assessment card to what they see in the field and make adjustments to ensure quality and consistency.

# **G.** Assumptions, Theories & Limiting Factors

#### **Assumptions**

- 1. It is assumed that all land can be developed unless obvious wetlands or town documentation stating otherwise. As such, lots smaller than the zone minimum will be considered developable, assuming they are grandfathered.
- 2. Current use classification is provided by the town and assumed accurate.
- 3. The use of the property is assumed its highest and best use, unless stated differently on the property record card. Highest and best use analysis was not done for each property.
- 4. When interior inspections can not be timely made or are refused, the interior data will be estimated based on similar homes, as accurately as possible, assuming good quality finish. If measurements are refused, the building measurement and interior will be estimated from the road.
- 5. The land acreage and shape are taken from the Town's maps and assumed accurate and name and address data is provided by the town and assumed accurate.

#### **Theories**

Local sales data must be the foundation for a good town wide revaluation and guide the Appraiser Supervisor in their conclusions and adjustments to value. However, lacking sales data does not mean a specific feature or property should go unnoticed or not considered and the supervisor must use common sense and their knowledge gained from education and years of experience when making adjustments, both derived directly from the market and those not, but developed over time and with interaction with buyers and sellers and real estate agents.

Cost, while not always directly related to the market, is a very good indicator of market value based on the understanding of the "principle of substitution". This principle states that a person will pay no more and a buyer will accept no less for a property than the cost of a suitable substitution. A suitable substitution can be defined as the cost to build new considering age depreciation and the cost of time. However, actual costs can exceed market value when personal likes come into play or the property is over built for the area. Nothing in assessing, particularly the assessment is straight line or a fact beyond doubt. Assessments are an opinion of the most probable value a property is worth at a stated point in time given normal market exposure, it is not a fact!

#### **Limiting Factors**

The scope of services outlined in the contract spells out the services rendered, which in itself identifies limiting factors. In mass appraisal work, limiting factors or conditions generally include the number of sales available and the accuracy of the data used. Data accuracy is limited by the fact that interior inspections are not available to all properties and, in some cases when data is supplied by third parties.

# H. Telecommunications & Utilities Valuation

#### 1. Telecommunication

#### <u>Assumptions</u>

- a.) DOT miles of road to be accurate and complete.
- b.) Data provided by companies to be accurate and complete.
- c.) Width of Public Right-of-Way (PRW) to be 10 feet.
- d.) If no data provided, pole count will be estimated as follows: Linear feet of roads ÷ 175, 60% joint ownership and 40% good. RCN of average poles is \$1,100.
- e.) Methodology, # poles x replacement cost x % ownership x % good = valuation. (% ownership, example-if 1,000 poles are in use and 500 are 100% owned and 500 are 50% (= 250 poles whole poles.) Total whole poles = 750 or 75% ownership) (% good is the average age times 2.5% per year based on 40 years life & 80% maximum depreciation, deducted from 100.) (ie) 30 years @ 2.5% per year = 75% depreciation, 100 -75 = 25% good

#### 2. Utilities

#### Assumptions

- a) Report of inventory provided by each utility is accurate.
- b) If no original year in service provided, an estimate will be made.

#### Methodology – Replacement Cost New Less Depreciation

The nationally recognized Whitman, Requardt & Associates, LLP Handy-Whitman Index of Public Utilities Construction Costs manual will be used to trend original costs forward to the present year or the valuation base year for the municipality. As an example:

Towers – Reported Original Cost \$150,000 Year in Service 1984 1984 Index = 233 2009 Base Year Index = 553  $150,000 \div 2.33 = 64,377.68 \text{ x } 5.53 = \$356,008.57 \text{ Replacement Cost New}$  This replacement cost must then be depreciated for age. If that depreciation was 59%, the value would be \$356,008 x 41% Good = \$145,964 or \$146,000, rounded.



# Avitar Associates of New England, Inc.

Municipal Services Company

# PUBLIC UTILITY ASSESSMENT REPORT For Town of Wentworth 2016

New England Power New England Hydro NH Electric Coop

Gary J. Roberge, Sr. Assessor, CNHA #59 NH DRA Certified Assessor Supervisor Avitar Utility Assessor Since 1986

Avitar Associates of New England, Inc. 150 Suncook Valley Highway • Chichester, NH 03258 • (603) 798-4419 www.avitarassociates.com

September 1, 2016

Town of Wentworth Catherine Stover Board of Selectmen P.O. Box 2 7 Atwell Hill Road Wentworth, NH 03282

Re: Assessment of Your Public Utilities

Dear Board Members:

As the utility assessor for Avitar Associates of NE, Inc., I have enclosed my assessment report for the above-referenced subject.

The attached report is a complete review and explanation of my market value opinion as of 4/1/16, as well as pertinent facts resulting in this opinion.

I have relied upon the data provided by New England Power, New England Hydro & NH Electric Coop identifying all their property in the town. No field data collection was undertaken by me or anyone from my office.

All assumptions and limiting conditions are identified in this report.

Sincerely,

Gary J. Roberge, Sr. Assessor, CNHA

CEO, Avitar Associates

GJR/sjc

#### **Objective**

To determine the fair market value of the public utility properties in your town.

New England Power New England Hydro NH Electric Coop

#### Fair Market Value

Property taxes in New Hampshire are based on a property's full and true value in money which the NH courts and NH Board of Tax & Land Appeals have determined to be fair market value. The most commonly used and accepted definition for Fair Market Value is:

The most probable price which a property would bring in an open and competitive market, with reasonable exposure, the buyer and seller each acting prudently and knowledgably and neither affected by undue stress, stimulus or outside forces. Implicit in this definition, are the following:

- 1. Buyer and seller are typically motivated.
- 2. Both are well informed and acting in their best interest.
- 3. A reasonable time is allowed for exposure in the market.
- 4. No outside forces exist to buy or sell or otherwise control the sale or sales price.
- 5. Price is paid in terms of cash unaffected by special or creative financing.

These are three accepted approaches to fair market value:

- 1. Comparable Sales Approach
- 2. Capitalized Income Approach
- 3. Replacement Cost Less Depreciation Approach

Although only one approach applies in the writer's opinion, all three are discussed and an explanation provided as to why they do or do not apply in this situation.

#### **Comparable Sales Approach**

This approach assumes the existence of similar properties which have sold and the assessor/appraiser can review and make adjustments to the comparables to develop an opinion of value for the subject property. Implicit in this approach is the existence of arms-length, fair market sales data. Since all public utility property sales are heavily regulated by the local and/or Federal Public Utilities Commission, they are not arms-length fair market transactions. They are rather closely related to Netbook Value, which is the remaining value of the original cost and any added infrastructure investment that has not been recaptured. It has nothing to do with the value of the remaining assets still in service and generating income. As such, it is my opinion that the Comparable Sales Approach to develop an opinion of market value is not valid.

#### **Capitalized Income Approach**

This approach assumes the availability of accurate income and expense information for the property being assessed and that market data can be found for similar properties to correlate the subject's income and expense information that is provided to be market related. It further assumes normal market conditions, such as risk and no outside forces regulating income. Here again, the problem with using this approach is that the income is governmentally regulated, as well as virtually guaranteed and as such does not follow generally accepted rules of the market income approach. A rate of return of and on the investment is fairly guaranteed and total failure is not allowable for the good of the public. This is unlike reality for other income producing properties in the fair and open market for which the income approach to value was developed. Further, while we can hypothesize the income and expenses within the taxing jurisdiction, due to the interaction with other utilities within the New England Grid with pole and line sharing, as well as power pass through, local assets can be providing income elsewhere, while local income can be dependent on assets of others elsewhere. This intermingling for the good of the public, is what makes the income approach very speculative due to the assumptions, estimates and allocations necessary. This is true in my opinion whether you look at the valuation locally or even statewide because the UNIT, so to speak, is not one company but rather all of them working together to maintain the Electrical Grid for the betterment of the public beyond the local community, as well as beyond the state boundaries. One cannot exist without the other and as such, the so called UNIT is not any one company. As such, it is my opinion that to attempt to use the Income Approach, beyond the known problems of protected return, regional monopoly and protection against failure issues that do not exist for the properties that the market income approach was developed for, the amount of estimates, hypotheses and allocations that are needed make the results highly unreliable. Based on the above, it is therefore my opinion that this approach is also inappropriate.

#### **Replacement Cost Less Depreciation**

This approach is based on the principal of substitution. It assumes that a prudent purchaser will pay no more for any real property then the cost of acquiring an equally desirable substitute. And, in this case, acquiring a substitute means determining the replacement cost and depreciating for age. This approach is very useful when confronted with unique properties such as Public Utility Companies, where no substitutes exist or arm's length sales exist. As such, to develop an opinion of market value for the property, one must develop what it would cost to replace it and then allow depreciation for age to arrive at a reasonable opinion of market value for the property that exists in that jurisdiction. This approach values what actually exists in the local jurisdiction. As a rate of return of and on the investment is virtually guaranteed, as well as the fact that if any part is destroyed by accident or nature, it will be promptly rebuilt. Cost data and accurate age life depreciation data is readily available. Therefore, it is the most practical and accurate method of developing an opinion of market value in my judgment whether locally, statewide or even New England wide.

Age / Life depreciation data is readily available within the data of the utility companies themselves. As a rate of return is virtually guaranteed of and on the investment, the need for any type of economic depreciation is nullified in my opinion, because, while the rate of return is controlled and may be below general market investor desired returns, at times, the risk inherent in normal investments has been removed as has normal market competition! As such, in my opinion, regulation is as positive, if not more positive, than the regulated rate of return is negative.

The "Encyclopedia of Real Estate Appraising", Third Edition 1978, by Edith J. Friedman, Published by Prentice Hall, Inc., states on Page 68,

"The cost approach is often the only method suitable for estimating the value of <u>special purpose properties</u> such as churches, funeral homes and schools. Similarly, in the case of residential properties, <u>unique or highly individualized structure</u> for which there are no effective market comparisons <u>can frequently be appraised only by the Cost Approach.</u>" (*Underline added for emphasis*).

In the writers' opinion, public utilities clearly fall into this group.

#### **Assumptions & Limiting Conditions**

- 1. The data provided by New England Power, New England Hydro & NH Electric Coop was a complete and accurate inventory for the Town.
- 2. No asset still in use will depreciate more than 80% despite actual age.
- 3. No item of the inventory should depreciate to zero value until it has failed.
- 4. As this is a highly regulated public utility, it is my opinion that I am limited to the use of only the Replacement Cost New Less Depreciation Approach to establish an opinion of market value as discussed on the prior pages of this report.
- 5. Non-Utility land, owned by New England Power, New England Hydro & NH Electric Coop is valued similarly to all other land in the town.
- 6. When no data is provided, data from surrounding communities is used to determine a depreciated tower and lines value.

#### Replacement Cost New Less Depreciation Approach to Value, (RCNLD)

The first step in this approach is to inventory or acquire an inventory of all of the subject property assets by category, original year in service and original cost. This was not done by the writer, but rather provided by New England Power, New England Hydro & NH Electric Coop and assumed to be complete and accurate. That provided report can be found in the Exhibits section.

The original costs, or in the case of NHEC, the average cost by classification were then trended forward from the original year, by using a nationally recognized utility cost trend manual, The Handy-Whitman Index of Public Utility Construction Costs, published annually by Whitman, Requardt & Associates, LLP, to arrive at the total replacement cost.

The average life expectancy, based on the data provide by other utilities varies by classification. The following is the depreciation schedule developed from the most recent data:

#### Electrical

2.25% Per Year	44.4 Year Life Average Life
2.50% Per Year =	40 Year Life
2.25% Per Year =	44.4 Year Life
2.00% Per Year =	50 Year Life
1.75% Per Year =	57 Year Life
2.50% Per Year =	40 Year Life
	2.50% Per Year = 2.25% Per Year = 2.00% Per Year = 1.75% Per Year =

Gas

Transmission & Distribution Systems 1.5% Per Year = 66.6 Year Life Meters & Regulators 2.25% Per Year = 44.4 Year Life

Water |

Transmission & Distribution Systems
3.00% Per Year = 33 Year Life
Meters & Other Equipment
3.00% Per Year = 33 Year Life

Max Depreciation – All Utility Categories is 80%

Although this is a regulated utility, it also received a protection, if not a guaranteed rate of a return of/on the investment at an accelerated rate, meaning their investment is returned long before the items life expires and/or needs to be replaced, means the company carries a zero value for that item, despite it still being in use and earning income. This is the reason "Netbook" is such a low value. It only represents the value of the utility yet to be returned, while all other parts of the utility carry a "zero value". Not a realistic approach to market value.

I found no need for any additional economic depreciation.

#### Final Opinion of Market Value 4/1/2016

List each utility and total market value New England Power - \$2,557,000 New England Hydro - \$2,822,000 NH Electric Coop - \$2,902,300

Land rights or easements are not included here, but listed and valued on each property record card, according to the concurrent town wide revaluation.

The following spreadsheets showing the Replacement Cost New Less Depreciation (RCNLD) approach to value, document the final values stated above.

Note: In the case of New Hampshire Electric Coop (NHEC), who maintainuan accounting method called "mass averaging" where no accurate original costs or age data is available, use of average original costs and average age data in the trending analysis has the potential for erroneous results. As such, the writer recognizes this as allowed for "averaging error" reduction in the resulting total value, as noted on the reports in the spreadsheets of NHEC.

## Certification/Resume

I certify that to the best of my knowledge and belief,

- 1. The statements contained herein are accurate and true.
- 2. The analysis and results are my personal unbiased professional opinion and conclusions.
- 3. I have no present or prospective interest in the property.
- 4. I am aware of no bias with respect to this property or any part of this report.
- 5. My analysis, opinion and conclusions are my own based in whole or in part on my past 30 years assessing utilities here in New Hampshire.

Gary J. Roberge, CEO Avitar Associates, Inc. Sr. Assessor, CNHA #59

NH DRA Certified Assessor Supervisor

## Gary James Roberge Avitar Associates 150 Suncook Valley Highway Chichester, NH 03258 (603)798-4419

**Experience:** 

2005 – Present CEO/Sr. Assessor, Avitar Associates of NE, Inc., Chichester, NH

Software or Assessing Services in over 160 of the 230 NH Municipalities.

1986 – 2005 President/Sr. Assessor of Avitar Associates of NE, Inc., Chichester, NH

Avitar is the largest NH based Municipal Services Company, established

in 1986 and incorporated in 1989.

1981 – 1986 Chief Assessor & Software Consultant, MMC, Inc, Chelmsford, MA

Responsible for some twenty (20) employees, and all revaluations in Maine, Vermont, New Hampshire as well as all software design and

maintenance.

**Education:** University of New Hampshire, Durham NH. Graduated 1976

Bachelor of Science in Forestry – Minors in Hydrology/Computer Science

IAAO Course I – Residential appraising

IAAO Course II – Income approach to value

IAAO Course 201 – Advanced Income Approach to Value

IAAO Course 301 – Mass Appraisal of residential

IAAO Course 302 – Mass Appraisal of income producing properties

IAAO Course 400 – Assessment Administration

IAAO Workshop 158 – Highest & Best Use

NH DRA Courses – Assessing statute; Condominium appraisal; Current use;

Sales Ratio Study

IAAO Course 150 – Standard of Practice & Professional Ethics

USPAP – 2001 Uniform Standards of Professional Appraisal Practice

USPAP – 2010 One Day Update / 2016 One Day Update

NH State Statutes/2010 Update Class

**Professional Designations or Affiliations:** 

IAAO - International Assoc. of Assessing Officials

NHAAO - NH Assoc. of Assessing Officials

CNHA - Certified NH Assessor #59

State of NH DRA - Certified Property Assessor Supervisor

Assessing Standards Board Member 2001 - 2006

Lawton B. Chandler Assessment Achievement Award - 2006

View Valuation Expert, BTLA and Superior Court

Qualified as Expert Witness Status in the Following County Superior Courts:

Belknap County
Carroll County
Cheshire County

Sullivan County
Strafford County

Hillsborough County Coos County

Merrimack County Board of Tax & Land Appeals

#### AVITAR ASSOCIATES OF NEW ENGLAND INC.

#### **Utility Valuation Report Listing**

(Using Handy Whitman Cost Index Manual -- North Atlantic Section)

UTILITY NAME: WENTWORTH NHEC 2016

UTILITY VALUATION YEAR: 2016

Description	Original Cost	Replacement Cost	Depreciation	Assessment Value
E362 DISTR, STATION EQUIPMEN	T \$ 102,831	\$ 331,578	% 0.756751	\$ 80,656
E364 DISTR, POLES, TOWERS & FX			% 0.756750	\$ 570,121
E365 DISTR, OVER CONDUCT & D			% 0.706000	\$ 1,704,478
E367 DISTR, UNDER COND & DEV			% 0.655251	\$ 144,402
E368 DISTR, PAD TRANSFORMER		\$ 1,006,968	% 0.756750	\$ 244,945
E369 DISTR, SERVICES OVER&UN	•		% 0.705999	\$ 109,164
E370 DISTR, METERS INSTALLED	•		% 0.807497	\$ 20,624
E373 DISTR, STR LIGHTS OVERHI			% 0.807498	\$ 27,938

GRAND TOTALS FOR WENTWORTH NHEC 2016:

\$ 3,364,588 \$ 10,522,289 \$ 2,902,300<sup>\*</sup>

\* Value Rounded To Nearest Hundred

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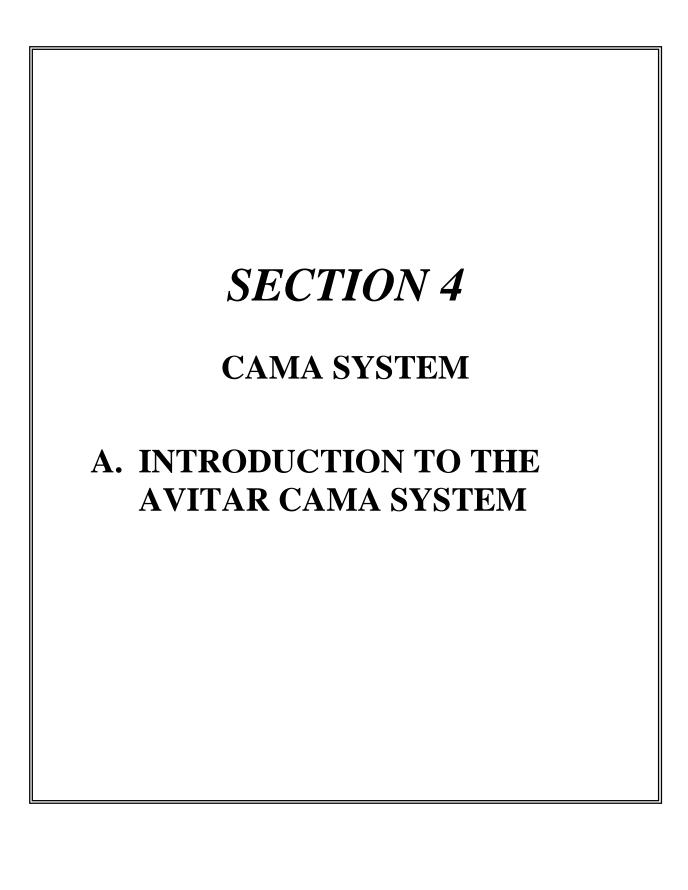
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# A. INTRODUCTION TO THE AVITAR CAMA SYSTEM

#### **THE POINT SYSTEM** - An Industry Standard

The point system for mass appraising is an industry standard developed many years ago and represents the best cost valuation system modified by the local market available and used (in some form or another) by most, if not all, <u>Computer Assisted Mass Appraisal</u> (CAMA) appraisal systems available on the market.

Avitar's CAMA system uses the point system. However, ever since 1986 we have made many very important refinements to increase accuracy, equity, reliability and consistency. We have also provided a menu driven system for ease of use.

Very simply, the system works by dividing up the building into components which consistently represent a certain predictable percent of the total value. These construction components are then assigned point values which represent its contribution to the total value and accounts for the cost and market appeal of the item.

#### **POINTS**

Points are based on the associated cost to the total building in relation to other options for similar features. The exterior wall factors also include the structural frame. These point values are based on the percentage that the actual cost historically represents to the total cost and provides a consistent, predictable and equitable approach to mass appraisal building values.

Each building is first measured and sketched showing the actual footprint of the building and various story heights. Then the following attributes are listed:

Roof Style & Example – Gable or Hip/Asphalt

Cover

Exterior Wall Example – Clapboard/Vinyl (Up to Two Different Exteriors can be

listed, using the two most predominant)

Interior Wall Example – Plaster/Wood (Up to Two Different Interiors can be listed,

using the two most predominant)

Floor Cover Example – Pine/Softwood & Carpet (Up to Two Different Floor

Covers can be listed, using the two most predominant)

# of Bedrooms # of Bathrooms

**Fixtures** 

Extra Kitchen Central Air Generator

Fireplaces If no point value associated in the cost tables, then fireplaces are still

valued in the extra features.

Heat Example – Oil/FA Ducted (This is an oil fired furnace with forced air

ducted system)

Quality Example – A4 Exc (Here A=average, A1 is one grade better and A4 is

4 graders better)

Com. Wall

Example – Commercial Wall Frame Construction Use for commercial buildings to account for various structures.

Size Adjustment

Size adjustment is the factor that accounts for the economy of scale theory which means the more of anything you purchase at one time, the lower the unit cost. As such, a larger home will have a factor less than 1.00, while a smaller home will have a factor greater than 1.00 to account for per square foot cost variation.

Base Rate

This is the gross base square foot cost that this building, as well as all other similar buildings will start at.

Bldg. Rate

Building Rate – After consideration of all building materials and quality of construction, a building rate is developed which can be greater and lower and 1.00 based on material, quality and includes the size adjustment.

Com. Wall Factor

In the case of a commercial property, an added factor may be needed to account for various commercial structural frames.

Adjusted Base Rate Base rate times building rate times commercial wall factor equal the unique adjusted base for this structure. Therefore, two identical homes with slightly different square feet will have slightly different adjusted base rates as the economy of scale will come into play. Also, two identical size and style homes with various exterior wall materials may also vary in adjusted base rates slightly to account for the various market appeal/desirability and value of each material.

The Adjusted Base Rate is then multiplied by the total effective area of the house to develop a replacement cost new for that structure.

# Bedroom & Bathroom Data

While the number of bedrooms is a valuable commodity for most homes, the accompanying number of bathrooms or fixtures plays a pivotal role. A house with 5 bedrooms and only 1 bathroom is functionally obsolete as the plumbing cannot equally handle the bedrooms, as such a similar house with 5 bedrooms and 2 bathrooms would command a higher market value, all other things equal. As such, a weighting system was developed by Avitar to weight the number of bedrooms to bathrooms to develop an adjusting factor to account for this obsolescence when it existed. Therefore, it is not solely the bedroom or bathroom count that effects value, but the combination of both.

#### **EFFECTIVE AREA CALCULATIONS**

The calculation of effective area is applied in order to adjust for the differences in square foot construction costs in the various subareas of the building as compared to the principal living area. The SUB-AREA ID table shows the effective area which is the actual area adjusted by the cost factors for each subarea. Cost factors for all subareas for this community can be found in the Final Valuation Cost Tables of this manual. (Section 9C.)

<b>EXAMPLE:</b>	DIIII I	DINC	ADEA	CAT	CIII	DIACITA
HAANIPLE:	BUIL.	1)  N(+	AKHA	L.AL		4 I I ( )   N   N

SUB A	AREA		<b>ACTUAL</b>	COST FACTOR	<b>EFFECTIVE</b>
<u>IDS</u>			<b>AREAS</b>	<b>ADJUSTMENT</b>	<b>AREA</b>
FFF	(First Floor Finished)	=	864	1.00	864
UFF	(Upper Floor Finished)	=	864	1.00	864
GAR	(Attached Garage)	=	600	.45	270
<b>EPF</b>	(Enclosed Porch Finished)	=	192	.70	134
DEK	(Deck or Entrance)	=	192	.10	19
BMU	(Basement Unfinished)	=_	864	.15	130
	TOTAL AREAS GROSS	=	3,576	<b>EFFECTIVE</b> =	2,281

The cost factor adjusts the square foot cost of construction for living area to other areas of the structure.

#### **EXAMPLE:**

If the base rate is \$85 for a residential house, the cost of a deck is not \$85/square foot, it is more accurately expressed as only 10% or \$8.50/square foot. As such, this 192 square foot deck can be valued as follows: 192 square feet x 10% = 19.2 sf x \$85 base rate = \$1,632 or \$85 x 10% = \$8.50 x 192 square feet = \$1,632.

#### STORY HEIGHT ADJUSTMENTS

Further refinement of the base rate is required to acknowledge the impact of multi-story construction on the total construction costs. This is accomplished through the use of the story height adjustment factor. It is cost adjusted to account for the fact that up until 3 stories or more, it is generally less expensive during original construction to add square feet via story height than expanding the footprint which involves site work and foundation work.

#### **DEPRECIATION TYPES & USE**

**NORMAL AGE DEPRECIATION** is based on the age of the structure and the condition relative to that age. New homes, while new, are average for their age, while older homes may be in better condition relative to their age.

#### **EXAMPLE - 200 Year Old House**

<u>Condition</u>	Normal Age Depreciation is
Very Poor	71%
Poor	57% (See chart on prior page)
Fair	42%
Average	35%
Good	28%
Excellent	14%

#### **EXAMPLE** - For the 200 year old home in good condition

Building Value	=	129,900
Depreciation	=	x 28%
Depreciation Value	=	- 36,372

Depreciated Bldg.	Value =	93,528
-	· OR -	
Building Value	=	129,900
% Condition Good	=	x 72%

Depreciated Bldg. Value = 93,528

All final values are rounded to the nearest \$100 for land and buildings alike.

Therefore, the indicated building value = \$93,500

**PHYSICAL:** Refers to the general condition of the building, or how well it has aged or

been maintained in comparison to new buildings. Here is where the assessor can allow for an adjustment for items that are not consistent with

the overall condition of the majority of the home.

**FUNCTIONAL:** Refers to the functional design of the building based on the current use,

design, layout and new technology available, over and above the normal

age depreciation.

**ECONOMIC:** Refers to depreciation caused by things which are exterior to the building

and usually not controllable by the owner. Excessive traffic, active railroad

tracks, airport nearby, are just a few examples.

**TEMPORARY:** Refers to depreciation given for a special reason which shall only exist for

a short period of time. This is generally used for new construction to account for varying stages during the construction, as of April 1<sup>st</sup> in the

assessing year.

#### **LAND VALUE COMPUTATIONS**

Land can be valued using a per square foot method, per acre method, per front foot method, or a combination of all three methods. Generally, we use acres as our unit of measure for the lot, dollar per acre pricing for the rear acreage and dollar per front foot to take into account additional lot value by way of potential subdivision. Water frontage and/or view contributory value is listed separately. Land charts are created for ease of use.

#### **SAMPLE LAND CHART**

# Acres	Value
2.00	31,000
1.45	27,500
1.00	23,000
0.79	16,000
0.45	13,000
0.21	9,000
0.01	1,500

Excess acreage at \$1,500 per acre

Base View Value = \$50,000 Base Waterfront = \$100,000

A table, as shown above, exists for each zone in town that shows the base values for separate indicated lot sizes in town.

This value would then be further adjusted by the neighborhood factor, as indicated by the neighborhood code (NC) table. The NC was established during the revaluation/update process when each road, on every map that existed at that time, had a NC assigned to it based on road, land quality, topography and market desirability.

For this example, we will assume a .45 acre lot with a NC of "G" (which has a value of 1.20, meaning this neighborhood is 20% more desirable or valuable than the average).

 $13,000 \times 1.20 = 15,600$ 

The land may further be adjusted by the assessor for unique situations for the quality and development of the site, driveway and topography with individual condition adjustments noted on the card and multiplying straight across. In addition, the assessor can include an overall additional condition for abnormal conditions such as shape, in addition to the site, driveway and topography by placing a factor from 1 to 999 in the condition field on the appraisal card. The appraiser can then positively or negatively adjust the land value.

\$15,600 x 1.10 Site x 1.00 Driveway x 1.00 Topography x .90 Condition (Wet) = \$15,444 or \$15,400 (rounded)

If there were any excess land over the zone minimum, this land would be priced at the excess acreage price. There would be no NC adjustment, for the NC indicates the street frontage and excess land is the same throughout the town. It would be depreciated for size from the excess acreage chart created for this town, which simply decreases the per acre rate based on quantity. This excess land may be further adjusted based on the assessor's knowledge of the area for topography, ledge, wetlands, etc.

Excess road frontage, in amounts equal to the zone minimum, would be valued <u>only if there is enough excess land to support subdivisions based on the zoning requirements</u>. Excess frontage would not normally be assessed unless subdivision potential exists, however it could be if the market sales data showed a value exists even if subdivision potential did not.

The frontage would be valued by multiplying only the excess frontage above the minimum requirement, in increments of the zone minimum by the front foot rate and then adjusted by the NC and further for usability, topography, wetland, etc.

#### Example:

Zone = Two Acres, 100 Front Feet

- 1. Parcel with three acres and 400 front feet would not have any excess frontage assessed because only one excess acre exists and the zone requires two. So, this parcel has no subdivision potential.
- 2. Parcel with four acres and 400 front feet would be assessed for 100 excess front feet because there are two excess acres to support the zoning requirement, and therefore, a potential for subdivision exist.

If the sales data were to show a value for excess road frontage, even if no subdivision potential existed, it could be valued based on every front foot beyond the zone minimum.

Finally, you would add the building value to the extra features value to the land value to get the total assessment.

# SECTION 5

## CAMA APPRAISAL REVIEW CARD

## ABBREVIATIONS, SAMPLES & DEFINITIONS

Notices may not be exact copies

#### APPRAISAL CARD - FRONT

		APPRAISAL CARD - FRONT	
Land Type  1F RES	Zone: MU MIXED USE	### LISTIN 05/06/15   ERVM 04/04/12   GRPM 04/06/05   GRUM 05/13/00   BHRL 08/27/96   EST      Feature Type	DOW, JOHN  1 MAIN STREET  ANYTOWN NH 03123
Units Base Rate  0.160 ac 337,51  0.160 ac	9: 0.46	LISTING HISTORY  M M (6) M RL T  Units 1 80	OWNER INFORMATION  (4)  T
Rate NC Adj Site 337,500 E 100 100	num Frontage: 10	LIGHT GREY; BMU - 50% DIRT, SHED; 5/15-5 NEW WINS & NEW CHANGES;  EXTRA FEATURES VALUATION  Lngth x Width Size Adj Rate  100 3,000.0  8 x 10 260 7.0	
Road DWay Topography 100 100 95 MILD	LAND	VERY OLD; / SIDING ON  Cond  00 100  100	Page Type Price 0 0789 U138 (5
Cond Ad Valorem  100 320,600  320,600	(11)	ES  DNV UFF P/HM OWNR; 4/12 2 SIDES OF 17X17; NO OTHER  (9)  Market Value Notes  3,000 1,456 4,500	TORY Price Grantor SCHULTE, FRANCIS ANDRE  (5)
91 R Tax Value Notes 0 N 320,600 320,600		MUNICIPAL SOFTWARE BY AVITA  ANYTOWN ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUI  PARCEL TOTAL TAXABLE VALUI  Year Building Features 2014 \$ 254,600 \$ 4,500 \$ Parcel Total: \$ 2015 \$ 254,600 \$ 4,500 \$ Parcel Total: \$ Parcel Total: \$ Parcel Total: \$	ANY LOWN PIC
	Site: AVERAGE Driveway: PAVED Road: PAVED	MUNICIPAL SOFTWARE BY AVITAR  ANYTOWN ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE (10)  Building Features Land \$ 254,600 \$ 4,500 \$ 320,600 Parcel Total: \$ 579,700  \$ 254,600 \$ 4,500 \$ 320,600 Parcel Total: \$ 579,700  \$ 254,600 \$ 4,500 \$ 320,600 Parcel Total: \$ 579,700  \$ 254,600 \$ 4,500 \$ 320,600 Parcel Total: \$ 579,700	Printed: (5) 8/19/2016

As you can see, the appraisal card is broken into sections.

- 1) <u>MAP/LOT/SUB</u> Numbers represent the parcel identification numbers (PID) used by the town. The map number represents the ID of the map sheet on which the parcel is displayed. The lot number and sub lot are the unique ID for the parcel on that map sheet.
- 2) <u>CARD # OF #</u> Typically 1 of 1 means the parcel has only one assessment record card for its entire assessment information. In a multi-card situation, where more than one assessment record card is needed to show the assessment information of a parcel with several primary buildings, the first number is the sequential card number and the second number is the total number of cards for that parcel.
- 3) **PRINTED** The date the card was printed, reflecting the assessment information and value on file at that time.
- 4) <u>OWNER INFORMATION</u> Located in upper left hand corner just below map-lot-sublot numbers and contains the owner name and address information of record at the time of print.
- 5) <u>SALE HISTORY</u> This section is located to the right of owner information box and displays the five most current sales recorded as known for this parcel showing book, page, date, type of sale (Qualified/Unqualified & Vacant/Improved) and seller's name.
- 6) <u>LISTING HISTORY</u> This section usually contains the date that the property was visited, plus the two initials of the person who visited the property. The third character is the reason why they were there, and the fourth is the "action" taken. This may vary as it is user definable, but will always have a date followed by a four space code and then space for a brief note.
- 7) **NOTES** An area for the appraiser to enter abbreviated notes about the property, as well as reasons for any adjustments made elsewhere on the assessment record card.
- 8) **<u>PICTURE</u>** Intended to represent some aspect of this tract of land such as view, waterfront or site or outbuildings.
- 9) <u>EXTRA FEATURES VALUATION</u> This area contains the valuation of fireplaces, pools, sheds, detached garages, etc., (a table listing all descriptions and rates can be found in *Section 9C*.), and displays a description (as well as dimensions when appropriate), the unit rate, condition and final value. The grand total is rounded to nearest \$100. Also, included is a brief notes section for each extra feature item listed.
- 10) PARCEL TOTAL TAXABLE VALUE Is located about halfway down the right side of the card and displays prior years and current assessed value summarized as buildings, features and land and then the card total value. In the case of a multi-card parcel, in the current year column an additional value will be displayed for the total parcel value just below the card total value, whereas the prior year values will only show the total assessed value of the entire parcel.
- 11) <u>LAND VALUATION</u> This area provides all the information necessary for land valuation.

<u>Zone</u> - Displays the land pricing table description, which is usually the same as the zones in town

<u>Minimum Acreage</u> - The minimum lot size as defined by zoning requirements of the town. Occasionally, zones are defined that do not relate to the town zoning. Refer to the land pricing table for clearer definition of the land pricing table.

<u>Minimum Frontage</u> - Same as above, but represents the minimum required road frontage needed for development.

<u>Site</u> - A brief description of the site such as undeveloped, fair, average, good, very good or excellent, which are referring to the condition of the site development and landscaping.

<u>Driveway</u> - A brief description of the driveway such as none, gravel, paved, stone, etc.

Road - A brief description of the road such as paved or gravel.

<u>Land Type</u> - Refers to specific codes used to classify land use. These are all listed and defined in *Section 9C*.

<u>Units</u> - Size of land being assessed on each line.

AC = Acres

FF = Front Feet (Road Frontage) SF = Square Feet

WF = Waterfront Feet

<u>Base Rate</u> - Dollar value per unit, except on line one where it is the basic value of the building site, if one exists, for the lot size shown under units.

<u>NC - Neighborhood Code</u>. All towns have distinct neighborhoods, some more than others, which influence value based on features of the neighborhood and market desirability. Neighborhoods are represented alphabetically with "E" being average; A, B, C & D being levels below average; and F, G, H, I, etc. being levels above average value and desirability.

<u>ADJ</u> - The factor by which the neighborhood influences the value. In the case of excess acreage, it is a quantity or size adjustment factor

<u>Site</u> - Land line one only and displays the adjustment factor, if any, associated with the description.

<u>Road</u> - A brief description of the road such as paved or gravel.

<u>Dway</u> - Land line one only and displays the adjustment factor, if any, associated with the description.

<u>Topography</u> - Each land line can have a topography description and adjustment associated and displayed with it.

<u>Cond</u> - Condition - area to enter other land adjustments, such as: wet, shape, undeveloped, etc.

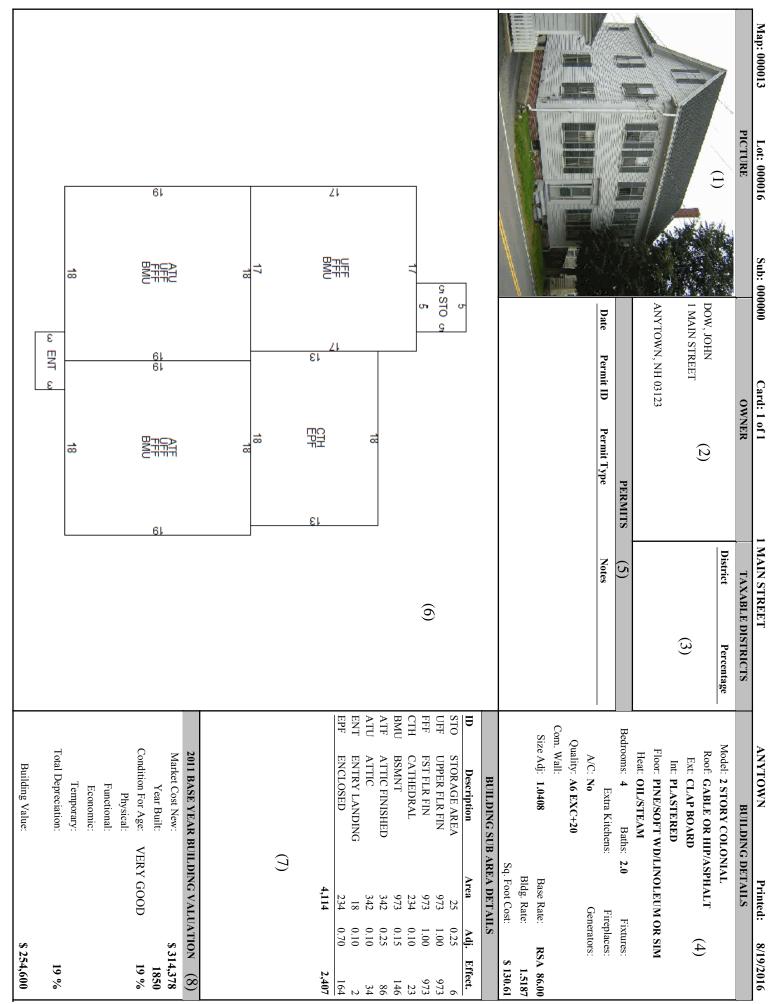
Ad Valorem - Market value.

<u>SPI</u> - Soil Potential Index is used to regulate the per acre rate of the current use land based on the range of value provided by the state. Current use condition for grade, location & site quality as defined in DRA Current Use Rules for forest categories. An entry of 100 means the maximum value and 0 means the minimum. The SPI is provided by the landowner for farm land.

 $\underline{R}$  - This is used for the current use recreation discount. If the recreation discount is granted, a "Y" will appear in this column.

<u>Tax Value</u> - Is the taxable value of all land being appraised, including the land assessed under current use.

Notes - Brief information about each land line or the "COND" adjustment.



- 1) **<u>PICTURE</u>** A color or black and white digital picture, if one is attached, usually a picture of the sketched building.
- 2) <u>OWNER INFORMATION</u> Repeats the owner information from the front for ease of use.
- 3) <u>TAXABLE DISTRICTS</u> This area lists any town districts and the percentage of the property in each district.
- 4) **<u>BUILDING DETAILS</u>** The title bar displays the story height, building style and year built

Model – Story Height/Building TypeFireplacesRoof - Style & Material CoverA/C - Central AirExt - Exterior Wall CoverGenerators

Int - Interior Wall Material

Ploor - Floor Cover Material

Quality - Building Quality Description

Com Wall - Commercial Wall Structure

**Heat** - Type & Fuel Size Adj - Size Adj Factor Bedrooms - # of Bedrooms Base Rate - Bldg Sq Ft Cost

**Bath** - # of Baths **Bldg Rate** - Overall bldg factor, based on prior

bldg description

Extra Kitchens – In-law or Living Area Kitchen

- 5) **PERMITS** Area to keep track of issued building permits, manually or automatically from the Avitar Building Permit module, if town building inspector is using that module.
- 6) **BUILDING SKETCH** It is the area in which the CAMA generated sketch can be found. Labeling of all sections is located within each area. The acronyms in the sketch, which consists of three letters, are shown to the right of the sketch in the Building Sub Area Details section in a more readable, but still in an abbreviated format.
- 7) **BUILDING SUB AREA DETAILS** This shows the Sub Area ID and description, the actual area for each sub area, the cost factor associated with it as a percentage of the Building Square Foot Cost and the effective area, which is the actual area times the cost factor.

Example:

A first floor finished (FFF) might be worth \$86/sq ft, but an attached deck would not be. By using the 10% cost factor, the square foot cost of the deck would be \$8.60. So, if you have a 100 square foot deck at \$8.60/sf, it would be valued at \$860. Put another way, 100 sf times cost adjustment factor of 10% = 10 sf. 10 sf x \$86 base rate = \$860. As you can see, using the adjustment this way is the same, but it enables the computation of the total effective area for use in the overall size adjustment computation and for comparing the effective area of comparable structures.

8) **BASE YEAR BUILDING VALUATION** - Is calculated by multiplying the total effective area by the Building Adjusted Base Rate, displayed just above and to the right of the sketch. This represents the undepreciated value of the structure, or rather the cost to replace the structure with a similar structure at the time the assessment was made,

based on the local market data. The base year is the year of the last valuation update and the year from which the age depreciation of the building is computed.

- Normal Depreciation based on the age and condition of the building.
- Physical Is added depreciation to account for the loss in value due to wear and tear and the forces of nature.
- Functional Added depreciation is the loss in value due to the inability of the structure to perform adequately the function for which it is used, based on problems with design, layout and/or use of the buildings.
- Economic Added depreciation based on factors influencing value that are external to the property and generally not controlled by the owner.
- Temporary Generally used for a building in a transitional phase such as renovation, remodeling or new construction not completed as of April 1st. It is expected to change yearly as construction is completed.

This approach ensures consistent age depreciation, but also allows the supervisor to make individual added depreciation on final field review, as deemed needed for each property. See *Section 4* - Depreciation - Manual Calculation

- Total Dpr Total all depreciation.
- Assessment is the actual assessed value of the building and is calculated by multiplying the Building Market Cost New value by (100% - Total Depreciation %).

Building Market Cost New = \$227,000  
Total Depreciation = 21% 
$$\frac{x}{179,330}$$
 (100% - 21%=79% or .79)

Rounded to \$179,300 = Building Assessment

### GENERAL COMMONLY USED ABBREVIATIONS

A/C LOC Air Conditioning Location Land Use Change Tax AC LUCT Acres ACC Access ME Measured & Estimated Manufactured Home **AMNTY** Amenity MH ATT Attached **MHD** Manufactured Home-Double Wide AVG Average MHS Manufactured Home-Single Wide BCBlind Curve **MKB** Modern Kitchen/Bath **BCH** Beach M/LMeasured & Listed **MPU** Most Probable Use BKL Backland BR Bedroom NBD Non-Buildable BSMNT/BMT Basement NC No Change BTH Bath **NICU** Not in Current Use Cinder/Concrete Block NOH No One Home CB CE Conservation Easement **NSFA** No Show for Appointment CK/CHK Check NV No Value CLR Clear **OKB** Outdated Kitchen/Bath Comm Office Area P&B Post & Beam COF COND Condition **PDS** Pull Down Stairs/Attic Stairs CTD Cost to Develop PF Pond Frontage Close to Road PLE Power Line Easement CTR CU Current Use PR Poor Common Wall **PRS** Pier Foundation CW PU DB Dirt Basement Pickup **DNPU** Did Not Pick UP **RBL** Road Bisects Lot Did Not View RD Road DNV **DNVI** Did Not View Interior **REF** Refused Distance to Waterfront DTW RF River Frontage Data Verification **ROW** Right of Way (R/W) DV **SHDW** DWDriveway Shared Driveway **ENT** Entrance **SUBD** Subdivision TOPO **ESMNT** Easement **Topography Under Construction EST** Estimate UC **EXC** Excellent UNB Unbuildable **EXT** Exterior UND Undeveloped FF Front Feet on Road UNF Unfinished FIN Finished VBO Verified by Owner Very Good FLR Floor **VGD** Foundation **VPR** Very Poor **FND** Flood Plain VU View FP FPL Fireplace WA Water Access WB FR Fair Wet Basement WF FS Field Stone Water Frontage **GAR** Garage WH Wall Height WOB Walkout Basement GD Good НО Homeowner W&D Windows & Door **INCL** Included **XFOB** Extra Features **INFO** Information **XSWF Excess Water Frontage** INT Interior YB Year Built LB Low Basement LDK Loading Dock Lot Line Adjustment LLA Limited LTD

#### SAMPLE - LIST LETTER

TOWN OF ANYTOWN 25 MAIN STREET ANYTOWN, NH 03123

> DOW, JOHN 1 MAIN STREET ANYTOWN, NH 03123

Map Lot Sub: 0000U3 000006 000000

**April 1, 2016** 

#### **Dear Property Owner:**

The Town of Anytown has contracted Avitar Associates of New England, Inc. to perform a data verification process. Annually, properties are chosen and the data is verified for accuracy. This process helps to maintain an accurate database and will help maintain fair and equitable assessments.

At this time, Avitar is scheduling appointments for interior inspections. The purpose of the interior inspection is to verify the data listed on your property record card for accuracy ie. number of bedrooms and baths and to determine the overall condition. Please call during the times specified below to set up an appointment (at a later date) to view the interior of your property. Also, please note this phone will only be answered during the specified dates and times.

#### Please call 603-123-4567 STARTING Tuesday, 4/12/16 thru Thursday, 4/14/16

**between 8:00 am & 4:30 pm** to arrange an appointment in the near future for an interior inspection of your property. Please have this notice available when you call.

Please keep in mind that the inspection of your property is very important for an accurate and equitable assessment.

Thank you for your cooperation, Avitar Associates of NE, Inc. Contract Assessors for the Town

P.S. It is important to note the phone may be busy during the first day of calls, as such, please be patient when calling.

#### SAMPLE - NOTICE OF PRELIMINARY VALUES

Town Of Anytown Board of Selectmen 123 Main Street Anytown, NH 03123

> DOW, JOHN 1 MAIN STREET ANYTOWN, NH 03123

Map Lot Sub: 0000U3 000006 000000

#### NOTICE OF PRELIMINARY ASSESSMENT VALUES

May 9, 2016

Dear Property Owner:

The **Town of Anytown** has contracted with Avitar Associates to perform a townwide update of values. The new assessed values established for your property during the recent update are listed below. To view your property record card online, go to Avitar's Website at www.avitarassociates.com, click **ONLINE DATA, then click Logon & Subscriber**. Enter the **Username Anytown & the Password anytown.** Access to the website will be for the next 30 days from the date of this notice. If you do not have access to the internet, listings of all assessments are available for review at the Town Office. Internet access may also be available at the Library during normal business hours.

Should you feel an error exists or should you like to make an appointment to review your assessment, you should call 603-555-5555 starting on Mon, 5/16/16 thru, Thurs, 5/19/16 from 8:00 am to 4:30 pm to arrange an appointment. Reviews will be held BY APPOINTMENT ONLY at the Anytown Town Hall at a later date. Please keep in mind the phone number will only be answered during the times listed above. If you cannot call during this time frame, please put your specific concerns in writing and we will review them. Do not attempt to fax a request for appointment during or after the date above.

If you call for an appointment to review your assessment, please be patient trying to reach our scheduler. Invariably, the phone line is very busy in the first hours of scheduling, so please be prepared to call back later during the scheduling period.

Please note that you should not multiply your new assessment by the old tax rate, as it will produce an erroneous tax amount. The newly established values will not be implemented until the December bill.

Thank you for your cooperation.

Land Value: \$ 151,300 Other Value: \$ 209,400 Total Parcel Value: \$ 360,700

#### SAMPLE - SECOND NOTICE OF VALUE AFTER PRELIMINARY HEARINGS

Town of Anytown Office of the Selectmen P.O. Box 2 Anytown, NH 03123

DOW, JOHN 1 MAIN STREET ANYTOWN, NH 03123

Map Lot Sub: 000001 000001 000001

June 24, 2016

Dear Property Owner:

The value listed below is your final value developed from the recent townwide update after review and changes from the informal hearing process in Anytown, **N.H.** 

Changes may have occurred whether or not you scheduled an appointment for an informal hearing.

If you have any further questions or concerns, they should be addressed through the abatement process once you have received your final tax bill in the fall. As provided under RSA 76:16, you have the right to apply in writing to the selectmen or assessors for an abatement of taxes assessed by March 1 following the notice of tax. If after you have filed for abatement and are still aggrieved, you may apply in writing to either the Board of Tax and Land Appeals (RSA 76:16-a) or Superior Court (RSA 76:17), but not both. The appeal shall be filed on or before September 1 after the date of notice of tax and not afterwards.

Please note that you should not multiply your new assessment by the old tax rate, as it will produce an erroneous tax amount.

Sincerely, Avitar Associates of NE, Inc. Contract Assessor

Land Value: \$ 73,300 Improvements: \$ 163,800 Total Parcel Value: \$ 237,100

#### **DEFINITIONS**

**Abatement:** An official reduction or elimination of one's taxes.

**Abstraction Method:** Method of land valuation in the absence of vacant land sales, whereby improvement values obtained from the cost model are subtracted from sales prices of improved parcels to yield residual land value estimates. Also called land residual technique.

**Ad Valorem Tax**: A tax levied in proportion to the value of the thing(s) being taxed. Exclusive of exemptions, use-value assessment provisions, and the like, the property tax is an ad valorem tax.

**Age/Life Method (Depreciation)**: A method of estimating accrued depreciation founded on the premise that, in the aggregate, a neat mathematical function can be used to infer accrued depreciation from the age of a property and its economic life. Another term is "straight-line depreciation" (see depreciation, accrued; and depreciation method, straight-line).

**Allocation Method:** A method used to value land, in the absence of vacant land sales, by using a typical ratio of land to improvement value. Also called land ratio method.

**Amenity:** A feature of an improvement that enhances its suitability for its basic use. A fireplace in a single-family residence is an amenity, as is covered parking at an apartment complex. By definition, amenities always increase value. Use of land owned in common like in a condominium complex, is an added value or amenity.

**Anticipated Use Method:** A method used to appraise underdeveloped land. Expected improvements to the land are specified, and total development costs are estimated and subtracted from the projected selling price to give an estimate of the value of the undeveloped land.

**Appeal:** A process in which a property owner contests an assessment either informally or formally.

**Appraisal Date:** The date as of which a property's value is estimated.

**Appraisal Methods**: The three methods of appraisal, that is, the cost approach, income approach, and sales comparison approach.

**Appreciation:** Increase in value of a property, in terms of money, from causes other than additions and betterments. For example, a farm may appreciate if a shopping center is built nearby, and property of any sort may appreciate as a result of inflation.

**Arm's-Length Sale**: A sale in the open market between two unrelated parties, each of whom is reasonably knowledgeable of market conditions and under no undue pressure to buy or sell.

**Assemblage:** The assembling of adjacent parcels of land into a single unit. Compare "plottage".

**Assess:** To value property officially for the purpose of taxation.

Assessed Value: (1) A value set on real estate by a government as a basis for levying taxes; (2) The monetary amount for a property as officially entered on the assessment roll for purposes of computing the tax levy. Assessed values differ from the assessor's estimate of actual (market) value for three major reasons: fractional assessment ratios, partial exemptions, and decisions by assessing officials to override market value.

**Assessment**: The official act of discovering, listing, and estimating property value and other property assessments.

**Assessment Card:** A card used by an assessor with land and building information, including acreage, sketch or photograph of a building, a description of its location, a list of the principal factors affecting its reproduction cost and depreciation, and the calculations of cost and depreciation. **Also called a "property record card"**.

**Assessment Equity:** The degree to which assessments bear a consistent relationship to market value.

**Assessment Progressivity or Regressivity:** An estimated assessing bias such that high-value properties are appraised higher (or lower) than low-value properties in relation to market values. It is computed by the Price Related Differential; however, it is not statistically definitive, but merely an indication of a possible bias.

**Assessment to Sale Price Ratio**: The ratio of the assessed value to the sale price (or adjusted sale price) of a property; a simple indication of assessment accuracy.

**Bias:** A statistic is said to be biased if the expected value of that statistic is not equal to the population parameter being estimated. A process is said to be biased if it produces results that vary systematically with some factor that should be irrelevant.

**Board of Tax and Land Appeals**: Empowered by RSA 71-B, the Board of Tax and Land Appeals has responsibility for: (1) hearing appeals of individual tax assessments, exemptions or refunds, whether levied by the State or its municipalities; (2) hearing petitions for reassessment and determining the adequacy of reassessments ordered by the Board; and (3) determining any appeals of the equalization ratios established by the Commissioner of Revenue Administration.

**Capitalization Rate**: Any rate used to convert an estimate of future income to an estimate of market value; the ratio of net operating income to market value.

**Coefficient of Dispersion (COD)**: The average deviation of a group of numbers from the median expressed as a percentage of the median. In ratio studies, the average percentage deviation from the median ratio.

**Computer Assisted Mass Appraisal (CAMA):** A system of appraising property, usually only certain types of real property, that incorporates computer-supported statistical analyses such as multiple regression analysis and adaptive estimation procedure to assist the assessor in estimating market value of a large population of properties.

**Confidence Interval**: For a given confidence level, the range within which one can conclude that a measure of the population (such as the median or mean appraisal ratio) lies.

**Contributory Value**: The amount a component of a property contributes to the total market value. For improvements, contributory value must be distinguished from cost.

**Deferred Maintenance:** Repairs and similar improvements that normally would have been made to a property, but were not made to the property in question, thus increasing the amount of its depreciation.

**Depreciation:** Loss in value of an object, relative to its replacement cost new, reproduction cost new, or original cost, whatever the cause of the loss in value. Depreciation is sometimes subdivided into three types: physical deterioration (wear and tear), functional obsolescence (suboptimal design in light of current technologies or tastes), and economic obsolescence (poor location or radically diminished demand for the product).

**Escheat:** The right to have property reverts to the state for nonpayment of taxes or when there are no legal heirs of someone who dies without leaving a will.

**Encumbrance:** Any limitation that affects property rights and value.

**Equalization:** The process by which an appropriate governmental body attempts to ensure that all property under its jurisdiction is assessed at the same assessment ratio or at the ratio or ratios required by law. Equalization may be undertaken at many different levels. Equalization among use classes (such as agricultural and industrial property) may be undertaken at the local level, as may equalization among properties in a school district and a transportation district; equalization among counties is usually undertaken by the state to ensure that its aid payments are distributed fairly.

**Equalized Values:** Assessed values after they have all been multiplied by common factors during equalization.

**Estate:** A right or interest in property.

**Expense:** A cost, or that portion of a cost, which under accepted accounting procedures, is chargeable against income of the current year.

**External (Economic) Obsolescence:** The loss of value (relative to the cost of replacing a property with property of equal utility) resulting from causes outside the property that suffers the loss. Usually locational in nature in the depreciation of real estate, it is more commonly marketwide in personal property, and is generally considered to be economically infeasible to cure.

**Fee Simple Estate:** The property rights that refer to absolute ownership unencumbered by any other interest or estate (a right or interest in property), subject only to the limitations imposed by governmental powers such as eminent domain, taxation, police power, and escheat.

**Field Review**: The practice of reviewing the reasonableness of assessments by viewing the properties in question by looking at their exteriors.

**Functional Depreciation**: Synonymous with the preferred term "obsolescence".

**Functional Obsolescence:** Loss in value of a property resulting from changes in tastes, preferences, technical innovations, or market standards.

**IAAO:** International Association of Assessing Officers.

**Improvements:** Buildings, other structures, and attachments or annexations to land that are intended to remain so attached or annexed, such as sidewalks, trees, drives, tunnels, drains, and sewers. Note: Sidewalks, curbing, sewers, and highways are sometimes referred to as "betterment", but the term "improvements" is preferred.

**Income:** The payments to its owner that a property is able to produce in a given time span, usually a year, and usually net of certain expenses of the property.

**Income Approach:** One of the three approaches to value, based on the concept that current value is the present worth of future benefits to be derived through income production by an asset over the remainder of its economic life. The income approach uses capitalization to convert the anticipated benefits of the ownership of property into an estimate of present value.

**Land-to-Building Ratio** (Land-to-Improvement Ratio): The proportion of land area to gross building (improvement) area. For a given use, the most frequently occurring ratio will be that of a functioning economic unit.

**Lease:** A written contract by which the lessor (owner) transfers the rights to occupy and use real or personal property to another (lessee) for a specified time in return for a specified payment (rent).

**Leased Fee Estate**: An ownership interest held by a lessor with the rights of use and occupancy conveyed by lease to another.

**Leasehold Estate**: Interests in real property under the terms of a lease or contract for a specified period of time, in return for rent or other compensation; the interests in a property that are associated with the lessee (the tenant) as opposed to the lessor (the property owner). May have value when market rent exceeds contract rent.

**Lessee:** The person receiving a possessory interest in property by lease.

**Lessor:** The person granting a possessory interest in property by lease.

**Level of Assessment; Assessment Ratio**: The common or overall ratio of assessed values to market values. Three concepts are commonly of interest: what the assessment ratio is legally required to be; what the assessment ratio actually is, and what the assessment ratio seems to be, on the basis of a sample and the application of inferential statistics.

**Life Estate**: An interest in property that lasts only for a specified person's lifetime; thus the owner of a life estate is unable to leave the property to heirs.

**Listing:** Performing an interior inspection of a property/building.

**Market Approach:** Any valuation procedure that incorporates market-derived data, such as the stock and debt technique, gross rent multiplier method and allocation by ratio.

**Mass Appraisal:** The process of valuing a group of properties as of a given date, using standard methods, employing common data, and allowing for statistical testing.

**Mass Appraisal Model**: A mathematical expression of how supply and demand factors interact in a market.

**Mean:** A measure of central tendency. The result of adding all the values of a variable and dividing by the number of values. For example, the mean of 3, 5, and 10 is 18 divided by 3, or 6. Also called arithmetic mean or average.

**Median:** A measure of central tendency. The value of the middle item in an uneven number of items arranged or arrayed according to size; the arithmetic average of the two central items in an even number of items similarly arranged; a positional average that is not affected by the size of extreme values.

**Model Calibration**: The development of adjustments, or coefficients based on market analysis that identifies specific factors with an actual effect on market value.

**Neighborhood:** (1) The environment of a subject property that has a direct and immediate effect on value; (2) A geographic area defined for some useful purpose, such as to ensure for later multiple regression modeling that the properties are homogeneous and share important locational characteristics.

**Net Income:** (1) The income expected from a property, after deduction of allowable expenses; (2) Net annual income is the amount generated by a property after subtracting vacancy and collection loss, adding secondary income, and subtracting all expenses required to maintain the property for its intended use. The expenses include management fees, reserves for replacement, maintenance, property taxes, and insurance, but do not include debt service, reserves for building additions, or income tax.

**Obsolescence**: A decrease in the value of a property occasioned solely by shifts in demand from properties of this type to other types of property and/or to personal services. Some of the principal causes of obsolescence are: (1) changes in the esthetic arts; (2) changes in the industrial arts, such as new inventions and new processes; (3) legislative enactments; (4) change in consumer demand for products that results in inadequacy or overadequacy; (5) migration of markets that results in misplacement of the property. Contrast depreciation, physical; depreciation, economic.

**Overall Rate (OAR):** A capitalization rate that blends all requirements of discount, recapture, and effective tax rates for both land and improvements; used to convert annual net operating income into an indicated overall property value.

**Partial Interest**: An interest (in property) that is less complete than a fee simple interest. Also, known as a "fractional" interest.

**Percent Good:** An estimate of the value of a property, expressed as a percentage of its replacement cost, after depreciation of all kinds has been deducted.

**Physical Depreciation**: Depreciation arising solely from a lowered physical condition of the property or a shortened life span as the result of ordinary use, abuse, and action of the elements.

**Plottage Value:** (1) The increment of value ascribed to a plot because of its suitability in size, shape, and/or location with reference to other plots (preferred); (2) The excess of the value of a large parcel of land formed by assemblage over the sum of the values of the unassembled parcels. Compare "assemblage".

**Price Related Differential (PRD)**: The mean divided by the weighted mean. The statistic has a slight bias upward and is not statistically definitive; however, price-related differentials above 1.03 tend to indicate assessment regressivity; price-related differentials below 0.98 tend to indicate assessment progressivity.

**Principle of Substitution:** The principle of substitution states that no buyer will pay more for a good than he or she would have to pay to acquire an acceptable substitute of equal utility in an equivalent amount of time.

Ratio Study: A study of the relationship between assessed values and market sales data.

**Real Property:** Consists of the interests, benefits, and rights inherent in the ownership of land plus anything permanently or semi-permanently attached to the land or legally defined as immovable; the bundle of rights with which ownership of real estate is endowed. To the extent that "real estate" commonly includes land and any permanent improvements, the two terms can be understood to have the same meaning. Also called "realty".

**Replacement Cost New Less Depreciation (RCNLD)**: In the cost approach, replacement cost new less physical incurable depreciation.

**Residual Value of Land:** A value ascribed to land alone by deducting from the total value of land and improvements, the value of the improvements.

**Reversion:** The right of possession commencing on the termination of a particular estate.

**Right-of-Way:** R/W or RW, an easement consisting of a right of passage through the servient estate. By extension, the strip of land traversed by a railroad or public utility, whether owned by the railroad or utility company or used under easement agreement.

**Standard Deviation:** The statistic calculated from a set of numbers by subtracting the mean from each value and squaring the remainders, adding together all the squares, dividing by the size of the sample less one, and taking the square root of the result. When the data are normally distributed, one can calculate the percentage of observations within any number of standard deviations of the mean from normal probability tables. When the data are not normally distributed, the standard deviation is less meaningful, and one should proceed cautiously.

**Statistics:** (1) Numerical descriptions calculated from a sample, for example, the median, mean, or coefficient of dispersion. Statistics are used to estimate corresponding measures, termed parameters, for the population; (2) the science of studying numerical data systematically and of presenting the results usefully. Two main branches exist: descriptive statistics and inferential statistics.

**Stratification:** The division of a sample of observations into two or more subsets according to some criterion or set of criteria. Such a division may be made to analyze disparate property types, locations, or characteristics, for example.

**Subdivision:** A tract of land that has been divided into marketable building lots and such public and private ways as are required for access to those lots, and that is covered by a recorded plat.

**Tax-Exempt Property:** Property entirely excluded from taxation because of its type or use. The most common examples are religious, charitable, educational, or governmental properties. This definition omits property for which the application of a partial exemption reduces net taxable value to zero.

**Tax Map:** A map drawn to scale and delineated for lot lines or property lines or both, with dimensions or areas and identifying numbers, letters, or names for all delineated lots or parcels.

**Tax Rate:** The amount of tax stated in terms of a unit of the tax base. For property tax, it is expressed in dollar of tax per \$1,000 of value.

**Time-Adjusted Sale Price:** The price at which a property sold, adjusted for the effects of price changes reflected in the market between the date of sale and the date of analysis.

**Total Economic Life:** The period of time or units of production over which the operation of an asset is economically feasible, not necessarily the same as its physical life.

**Trending:** Adjusting the values of a variable for the effects of time. Usually used to refer to adjustments of assessments intended to reflect the effects of inflation and deflation and sometimes also, but not necessarily, the effects of changes in the demand for microlocational goods and services.

**Uniformity:** The equality of the burden of taxation in the method of assessment.

**Use Class:** (1) A grouping of properties based on their use rather than, for example, their acreage or construction; (2) one of the following classes of property: single-family residential, multifamily residential, agricultural, commercial, industrial, vacant land and institutional/exempt; (3) Any subclass refinement of the above-for example, townhouse, detached single-family, condominium, house on farm, and so on.

**Variance:** A measure of dispersion equal to the standard deviation squared.

**Zoning:** The exercise of the police power to restrict landowners as to the use of their land and/or the type, size, and location of structures to be erected thereon.

## SECTION 6

### **SALES DATA**

- A. DATE RANGE OF SALES & EFFECTIVE DATE OF NEW VALUE
- B. QUALIFIED & UNQUALIFIED SALES REPORT

#### A. Date Range of Sales & Effective Date of New Value

Effective date of this revaluation is  $\frac{4}{1}$ 2016.

Sales that occurred between  $\frac{4/1/2014}{2014}$  and  $\frac{6/17/16}{2014}$  were used.

Total Number of Qualified Sales Used <u>31</u> sales were used.

#### B. Qualified & Unqualified Sales Report

The following sales listing for all sales that were verified as qualified "market sales" (via PA-34 reports filed by the buyer and seller at the time of the transaction, onsite visits, sales questionnaires or through research of MLS listing services) that were discovered and used in the analysis of costs for the revaluation. There are two listings. The first is a list of all Market Sales commonly called Qualified. The second is a listing of all the sales considered non-market or unqualified sales and not used in the cost analysis.

The sales list includes the following abbreviations, defined here:

#### LC=Land Use Code

CI Comm/Ind

EX-F Exempt-Federal

EX-M Exempt-Municipal

EX-P Exempt-PILT

EX-S Exempt-State

R1 1F Residential (1F = One Family)

R1A 1F Residential Water Access

R1W 1F Residential Waterfront

R2 2F Residential (2F = Two Family)

R2A 2F Residential Water Access

R2W 2F Residential Waterfront

R3 3F Residential (3F = Three Family)

R3A 3F Residential Water Access

R3W 3F Residential Waterfront

R4 4F Residential (4F = Four Family)

R4A 4F Residential Water Access

R4W 4F Residential Waterfront

UTL Utility-Other

UTLE Utility-Electric

UTLG Utility-Gas

UTLW Utility-Water

#### NC=Neighborhood Code

```
Α
            60%
                  40% Below the Average
В
            70%
                   30% Below the Average
C
            80\%
                  20% Below the Average
D
            90%
                  10% Below the Average
E
            100% Average for the Town
F
            110% 10% Above the Average
G
            120% 20% Above the Average
Η
            130% 30% Above the Average
I
            140% 40% Above the Average
J
            150% 50% Above the Average
K
            160% 60% Above the Average
L
            170% 70% Above the Average
M
            180% 80% Above the Average
N
            190% 90% Above the Average
P
            200% 100% Above the Average
Q
            225% 125% Above the Average
R
            250% 150% Above the Average
S
            275% 175% Above the Average
T
            300% 200% Above the Average
X
            Backland
                         Not Having Road Frontage
```

BR=Building Square Foot Rate – See Section 9C Final Cost Tables

#### SH=Story Height

	$\mathcal{C}$		
Α	1 Story Frame	E	2.5 Story Frame
В	1.5 Story Frame	F	2.75 Story Frame
C	1.75 Story Frame	G	3 Story Frame
D	2 Story Frame	Н	3.5+ Story Frame
	•	I	Split Level

- EF AREA = Effective Area. This is the actual area of each section of the building adjusted for cost. In other words, 800 square feet of first floor is more valuable than 800 square feet of basement, so the basement square footage is adjusted down for cost and the total effective area is the sum of all the sub areas adjusted for cost.
- I = This column will be either "I" for improved, meaning a land and building sale or "V" for vacant, meaning a land only sale.
- Q = This column is "Q" for qualified market sale or "U" for unqualified market sale.

# Wentworth Sales Analysis Report

					3							
_	<b>\$</b> 190 200	Q TOEPEL MICHELLE	\$ 192,200 I 07/13/2015	\$ 192,000 0	E RSA C 2 072	R1A	2.46	01	000036	000004	1.001 000011	1.001
,	\$ 135,400	Q COTE, LANCE M	\$ 137,700 I 05/20/2016	\$ 137,000 0	D RSA D 1,454	RIW	14.44	01	000002	000001	000011	1.005
_	\$ 50,200	Q PAULS, BARBARA A	\$ 52,300 V 08/26/2014	\$ 52,533	D	R1	17.50	01	000005	000004	000010	0.996
,	\$ 104,900	Q MARSHALL, ALFRED R	\$ 103,200 I 06/17/2016	\$ 120,000	D MHD A 1,392	R1	5.00	01	000016	000001	000010	0.860
,	\$ 151,300	Q DUNCAN, PETER W	\$ 166,100 I 06/30/2014	\$ 180,000	D RSA B 1,544	R1	5.10	01	000010	000001	000010	0.923
,	\$ 137,800	Q RIZZA, ANTONIO	\$ 115,400 I 07/28/2014	\$ 115,533	D RSA A 1,549	R1	1.29	01	000010	000011	000008	0.999
,	\$ 233,700	Q MICHAUD, G. BRUCE	\$ 112,700 I 04/03/2015	\$ 112,000	E RSM D 4,730	R2	0.36	01	000008	000007	000008	1.006
	\$ 119,200	Q CREPEAU, JOHN P & JOYC	\$ 88,900 I 07/25/2014	\$ 82,000 0	E RSA B 1,474	R1	0.23	01	000011	000002	800000	1.084
	\$ 217,000	Q KELLEY, MARJORIE L	\$ 122,900 I 05/27/2016	\$ 124,933 0	E RSM E 5,917	R2	1.39	01	000009	000002	800000	0.984
	\$ 187,000	Q ELLIOTT, SCOTT J	\$ 170,400 I 11/10/2014	\$ 159,000 1	E RSA B 2,078	R1	2.30	01	000002	000006	000005	1.072
,	\$ 205,000	Q WIRTES, NANCY E. CAMPB	\$ 201,900 I 08/10/2015	\$ 170,000 0	E RSA B 2,540	R1	1.10	01	00011A	000005	000005	1.188
_	\$ 52,800	Q CASE, RICHARD & DEBORA	\$ 43,800 V 12/07/2015	\$ 45,000 1	Е	RIW	2.02	01	000019	000004 1;	000005 516 DOM;	0.973
,	\$ 58,800	Q GRIFFITH, MATTHEW	\$ 61,800 I 04/07/2014	\$ 62,000 0	C RSA A 1,206	R1A	0.49	01	000010	000003	000005	0.997
,	\$ 152,000	Q BRADLEY, JOHN G	\$ 132,500 I 08/13/2014	\$ 139,000	E RSA C 1,805	R1	0.52	01	000009	000006	000004	0.953
,	\$ 47,200	Q CERSOSIMO INDUSTRIES I	\$ 57,800 V 06/20/2014	\$ 59,933	D	R1	17.06	01	000014	000003	000004 NO MLS	0.964
,	\$ 56,900	Q WHITE, WILLIAM	\$ 73,700 I 10/15/2015	\$ 75,000 1	D RSA B	R1	3.10	01	000008	000003	000004 NO MLS	0.983
	\$ 148,300	Q SAVAGE, JANET R	\$ 128,600 V 11/16/2015	\$ 128,000 1	Е	CUUO	133.70	01	800000	000002 CASH	000004 0000 17 DOM CASH	1.005
•	\$ 155,500	Q LAFLAMME, ANNEMARIE A	\$ 158,300 I 09/02/2014	\$ 171,400 0	G RSA B 1,364	R1	8.20	01	800000	000003	000001 9 DOM	0.924
	\$ 308,900	Q MUZZEY, DOUGLAS W	\$ 426,500 I 02/04/2015	\$ 430,000 0	G RSA C 2,792	R1	83.70	01	00011A	000002		0.992
oe 131	\$ 68,800	Q WESNOSKI III, STEPHEN	\$ 66,600 I 10/26/2015	\$ 70,000 1	E MHS A 1,032	R1	2.00	01	000001	000002	000001	0.951
-	Prior Year Assessment	Q Unqualified Description Grantor	Assessment I Sale Date	Sale Price A	NC BR SH Eff. Area	LC	Acres	Zone	Sub	Lot	Map Sale Note	Ratio

\$ 141,900	BROWN, JAMES A	06/09/2015		1.440								
	O I (	\$ 142,100 I	\$ 155,000	RSA A	Ε	1.44 R1	1.	01	000014	000004	0.917 000013	0.917
\$ 43,700	MENFI, JOSEPH F	05/31/2016										
	) V Q	\$ 28,900 V Q	\$ 27,933		) E	11.09 CUUO	11.	01	000005	000004	000013	1.035
\$ 38,200	RIETKERK, JEFFREY & KI	04/07/2015										
	VQ	\$28,700 V Q	\$ 30,000		H	8.08 R1		01	000026	000003	000013	0.957
\$ 40,700	BLASE, STEVEN A	11/21/2014										
	) V Q	\$34,800 V Q	\$ 34,900		Ε	8.00 R1	8.	01	000018	000003	000013	0.997
\$ 42,300	MELLO, EDWARD & GAIL	03/10/2015										
	) V Q	\$ 34,300 V Q	\$ 34,000		Ε	9.10 R1	9.	01	000016	000003	000013	1.009
\$ 39,100	VINTAGE LANDS LLC	03/01/2016										
	) V Q	\$ 20,300 V Q	\$ 19,000		Ħ	2.02 R1W	2.	01	000002	000003	000013	1.068
\$ 162,200	SNOGREN, REV DORRAINE	11/18/2015		1,676				STING;	PRIOR LI	162 DOM CASH - 1 PRIOR LISTING;	162 DOM	
	O I (	\$ 140,500	\$ 139,933	RSA A	Ε	6.00 R1	6.	01	000009	000003	000012	1.004
\$ 250,800	CHILDERS, MICHAEL J	10/21/2014		2,728								
	I Q	\$ 243,300	\$ 235,000	RSA B	H	4.52 R1	4.	01	000011	000001	000012	1.035
T \$ 44,000	MICHEL REVOCABLE TRUST	08/06/2014										
	) V Q	\$ 29,700 V	\$ 30,000		D	60 R1	11.60	01	000004	000001	000012	0.990
\$ 135,000	MUZZEY, ROBERT W	03/30/2016		1,114								
	O I (	\$ 129,000	\$ 140,000	RSA B	Ε	60 R1	13.60	01	000012	000005	000011	0.921
\$ 96,900	CELINO, DEBORAH	02/02/2015		857								
	O I (	\$ 86,700	\$ 87,500	RSA A	Е	1.02 R1	1.	01	000009	000005	0.991 000011	0.991
Prior Year Assessment	Grantor	Sale Date	1	Eff. Area							Sale Note	
	T & Ondrammen Describrion	Assessment	Date 1 lice	DIV OIL	1	5	COLOR	2011	משט		Jurit	TAMEL

# Wentworth Sales Analysis Report

\$ 44,900	05/09/2014 TOOMEY/TAX COLLECTOR		684							
	00 I U	\$ 1	E CSG A	CI	8.00	01	000008	000005	000004	45,800.000 000004
\$ 62,800	06/02/2014 WENTWORTH, TOWN OF		880							
	\$ 60,400 I U GOVMT AGENCY GRNTR/E	\$ 1	D MHS A	R1	2.75	01	000003	000003	000004	60,400.000 000004
\$ 62,800	\$ 60,400 1 0 1AX SALE 05/09/2014 HURLEY/TAX COLLECTOR	Ð	880 × MH3	Z	2.73	01	LECTOR	HURLEY/TAX COLLECTOR	HURLEY	60,400.000
÷ 107,200	1 1 00	_	MI	ם	27.0	2	000002	000002	000004	000 000
\$ 167 200	\$164,400 I U FAMILY/RELATGRNIR/E	<del>\$</del>	E RSA C	7.	5.09	01	000036	000002	000004	164,400.000
\$ 172,800			1,9		1	2		-	164 DOM	
	\$ 189,000 I U MPC-CAN SELL SEPRTLY	\$ 160,000	E RSA C	R1	9.19	01	000030	000002	000004	1.181
\$ 15,900	07/22/2016 WENTWORTH, TOWN OF									
	\$15,700 V U GOVMT AGENCY GRNTR/E	\$ 1	В	R1	5.30	01	000013	000002	000004	15,700.000 000004
\$ 15,900	05/13/2016 ROHRER/TAX COLLECTOR									
	\$15,700 V U FORECLOSURE	\$ 1	В	R1	5.30	01	000013	000002	000004	15,700.000
\$ 148,300	07/28/2015 SANBORN, GREG A				ALE	R THIS S	321 DOM; TIMBER CUT AFTER THIS SALE	l; TIMBER	321 DOM	
	\$ 128,600 V U TIMBER RIGHTS	\$ 160,000	E	CUUO	133.70 C	01	800000	000002	000004	0.804
\$ 112,500	05/21/2014 WENTORTH, TOWN OF		847							
	\$ 99,500 I U GOVMT AGENCY GRNTR/E	\$ 1	E RSA A	R1	1.68	01	000003	000002	000004	99,500.000 000004
\$ 112,500	05/07/2014 RANDALL/TAX COLLECTOR		847							
	\$ 99,500 I U TAX SALE	\$ 1	E RSA A	R1	1.68	01	000003	000002	000004	99,500.000 000004
\$ 150,400	09/24/2014 TOWN OF WENTWORTH		1,323							
	\$ 144,000 I U GOVMT AGENCY GRNTR/E	\$ 1	E RSA A	R1	6.87	01	000004	000005	000002	144,000.000
\$ 150,400	08/08/2014 WENTWORTH, TOWN OF		1,323			+	SALE AFTER TAX DEED 5/7/14	TER TAX	SALE AF	
	\$ 144,000 I U GOVMT AGENCY GRNTR/E	\$ 1	E RSA A	R1	6.87	01	000004	000005	000002	144,000.000
\$ 150,400	05/09/2014 FOSTER/TAX COLLECTOR		1,323							
	\$ 144,000 I U TAX SALE	\$ 1	E RSA A	R1	6.87	01	000004	000005	000002	144,000.000
\$ 97,600	09/02/2014 TURCOTTE, ROBERT S		766							
	\$ 88,700 I U FAMILY/RELAT GRNTR/E	\$ 20,000	E RSA A	R1	1.00	01	000003	000005	000002	4.435
\$ 31,000	08/26/2014 AMES, WILLIAM S		408					65770	MLS #4365770	
	\$ 37,900 V U MULTI-TOWN PROPERTY	\$ 30,000	E MHC A	R1W	1.40	01	000002	000004	000002	1.263
\$ 105,400	03/25/2016 KING, JARED LOGGING LL		)/16	HRU 6/30	RIGHTS T	TIMBER	ALSO, GRANTOR RESERVED TIMBER RIGHTS THRU 6/30/16	RANTOR F	ALSO, G	
	\$71,500 V U ABUTTER SALE	\$ 34,000	Ŧ	CUUO	60.15 C	01	000019	000002	000001	2.103
\$ 105,400	04/16/2015 ALLEN, JOHN									
	\$71,500 V U INSUFCNT MKT EXPOSUR	\$ 27,500	H	CUUO	60.15 C	01	000019	000002	000001	2.600
\$ 68,800	02/10/2015 PHILLIPS PROBATE		1,032							
	\$ 66,600 I U ESTATE SALE/FDCY COV	\$ 1	E MHS A	R1	2.00	01	000001	000002	000001	66,600.000 000001
\$ 27,200	12/29/2014 WENTWORTH, TOWN OF									
	\$17,000 V U GOVMT AGENCY GRNTR/E	\$ 1	D	CUUH	0.97 C	01	000006	000001	000001	17,000.000 000001
\$ 21,600										
•	\$19,000 V U IMPROVED POST ASMT	\$ 17,000	D	R1	0.94	01	000005	000001	000001	1.118
Prior Year Assessment	,		E				Š		Sale Note	, and the second
	Assessment I O Unqualified Description	Sale Price	NC BR SH	LC 1	Acres	Zone	Sub	Lot	Map	Ratio

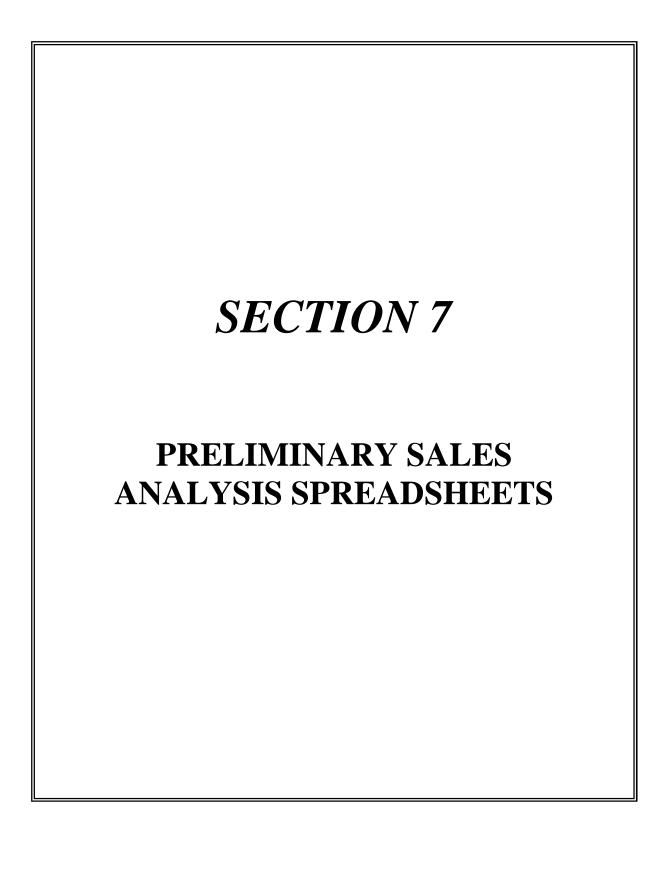
\$ 38,500		05/06/2016					EED	MANUFACTURED HOUSING DEED	CTURED I	MANUFA	
	V U UNK PERSONAL PROPRTY	\$ 30,600	\$ 1		Ε	6.45 R1	01	000016	000007	000005	30,600.000
\$ 38,500	V U FAMILY/RELAT GRNTR/E WEEKS, BRIAN H	\$ 30,600 05/06/2016	\$		ĮĮ.	6.45 R1	01	000016	000007	000005 M	30,600.000
\$ 150,900			\$ 48,000	2,147			01	000004	000007	000005	
\$ 150,900	:		\$ 10,373	<u>-</u>				000004	00000		1.//4
\$ 35,100	1		\$ 70 202	,59	<b>.</b>		2	00004	000007	000004	1 774
	V U FAMILY/RELAT GRNTR/E	8	\$ 1	RSA A	Ħ	7.37 R1	01	0001-1	000006	000005	39,500.000 000005
\$ 114,400	I U FINANCIAL CO GRNTR/E JP MORGAN CHASE BANK	\$ 107,300 06/19/2014	\$ 66,333	RSA A 998	H	2.22 R1	01	000001	000006	000005	1.618
\$ 114,400				36							
	I U FORECLOSURE	\$ 107,300	\$ 79,390	RSA A	E	2.22 R1	01	000001	000006	000005	1.352
\$ 103,900		06/23/2014		1,600			7/14	SALE AFTER TAX DEED OF 5/7/14	TER TAX I	SALE AF	
	I U GOVMT AGENCY GRNTR/E	\$ 110,000	\$ 1	RSA A	E	3.41 R1	01	000022	000003	000005	110,000.000
\$ 103,900		05/09/2014	<del>6</del>	, 0			Ş	770000	00000	00000	110,000.000
	I II TAX SAI E	\$ 110 000	<b>₽</b>	RSA A	Ħ	3 41 R1	01	000000	000003	000005	110 000 000
\$ 64,900	I U FINANCIAL CO GRNTR/E FEDERAL NATIONAL MORTG	\$ 62,300 09/02/2014	\$ 48,000	RSA A 867	C	0.48 R1A	01	000013	000003	000005	1.298
\$ 64,900	COOPER, PATRICIA A	04/21/2014		867							
	I U FORECLOSURE	\$ 62,300	\$71,902	RSA A	A C	0.48 R1A	01	000013	000003	000005	0.866
\$ 46,900	DECOTIS, TERRY L & RUT	07/01/2015		GRA	L" PER	F THE DEA	5 "PART O	PRIVATE SALE; SALE OF 5/1/25 "PART OF THE DEAL" PER GRA	SALE; SA	PRIVATE	
	V U UNCLASSFYD EXCLUSION	\$ 34,400	\$ 25,000		Ε	12.25 R1	01	000027	000001	000005	1.376
\$ 251,300	DECOTIS, TERRY L & RUT	05/13/2014		R 2,361	RANTC	EAL" PER (	OF THE DI	PRIVATE SALE - 5-1-27 "PART OF THE DEAL" PER GRANTOR	SALE - 5-	PRIVATE	
	I U UNCLASSFYD EXCLUSION	\$ 257,600	\$ 350,000	RSA B	Ε	16.87 R1	01	000025	000001	000005	0.736
\$ 35,800		07/28/2014									
	I U FORECLOSURE	00	\$ 23,000		E	0.45 R1	01	000012	000001	000005	1.096
\$ 287,400		07/10/2015		4,081							
	I U IMPRVMNT U/C AT ASMT	\$ 264,500	\$ 180,000	RSA E	E	3.76 R1	01	000009	000001	000005	1.469
\$ 203,900	KARL, KENYON F.	01/07/2015		3,130		R H.O.;	)'S (10K) PI	NEW KIT (12K) + OTHER RENO'S (10K) PER H.O.;	(12K) + 07	NEW KIT	
	I U IMPROVED POST ASMT	\$ 199,000	\$ 155,000	RSA E	D	3.22 R1	01	000005	000001	000005	1.284
\$ 37,700	WASHBURN, NEIL BRADLEY	05/25/2016									
	V U ABUTTER SALE	\$ 37,300	\$ 29,000		O E	6.85 CUUO	01	000009	000005	000004	1.286
\$ 37,700	BROWN, A W FAMILY TRU	04/14/2014									
	V U MPC-CAN SELL SEPRTLY	\$ 37,300	\$ 160,000		О E	6.85 CUUO	01	000009	000005	000004	0.233
\$ 44,900	WENTWORTH, TOWN OF	10/14/2014		684							
	I U GOVMT AGENCY GRNTR/E	\$ 45,800	\$ 1	CSG A	E	8.00 CI	01	000008	000005	000004	45,800.000
\$ 44,900	WENTWORTH, TOWN OF	10/03/2014		684							
	I U DEED TO QUIET TITLE	\$ 45,800	\$ 1	CSG A	E	8.00 CI	01	000008	000005	000004	45,800.000
Prior Year Assessment	Grantor	Sale Date	ä	Eff. Area						Sale Note	
	I Q Unqualified Description	Assessment	Sale Price	BR SH	NC	Acres LC	Zone	Sub	Lot	Map	Ratio

Ratio	Map Sale Note	Lot	Sub	Zone	Acres	$\mathbf{LC}$	C	BR SH Eff. Area	Sale Price	Assessment I Sale Date	Q Unqualified Description Grantor	Prior Year Assessment
1.603	000005	000008	000009	01	2.14	R1	E	MHS A	\$ 46,533	I 00	U IMPROVED POST ASMT	
109,700.000	000005	800000	000005 000008 000013 01 4.08 R1 E RSA B	01	4.08	R1	E	RSA B	\$ 1	\$ 109,700 I	U NONMKT TRUST GRNTR/E	# . O, #OO
								,08		/2016		\$ 121,100
76,400.000 000005	000005	000008	000015	01	2.03	R1	E	RSA B 654	\$ 1	\$ 76,400 I 05/09/2014	U TAX SALE RIDOLF/TAX COLLECTOR	\$ 72,900
76,400.000	000005 SALE AF	000008 TER TAX I	000005 000008 000015 0 SALE AFTER TAX DEED OF 5/7/14	01 7/14	2.03	R1	E	RSA B 654	\$ 1	\$ 76,400 I 06/23/2014	U GOVMT AGENCY GRNTR/E WENTWORTH, TOWN OF	\$ 72,900
22,400.000 000005	000005	000008	000018	01	3.88	R1	П		\$ 1	\$ 22,400 V 02/01/2016	U NONMKT TRUST GRNTR/E BOHOVICH, RONDA	\$ 35,100
22,400.000	000005 CORREC	000005 000008 CORRECTIVE DEED	000018	01	3.88	R1	П		\$ 1	\$ 22,400 V 04/20/2016	U DEED TO QUIET TITLE GORMAN TRUSTEE, PATRIC	\$ 35,100
69,400.000 000008	800000	000002	000014	01	0.26	R1	EI	RSA C 2,130	\$ 1	\$ 69,400 I 06/15/2015	U FAMILY/RELAT GRNTR/E STOVER, ROBERT A	\$ 114,700
22,900.000 000008	000008	000002	0007-2	01	1.16	R1	П		\$ 1	\$ 22,900 V 07/23/2015	U FAMILY/RELAT GRNTR/E MACK, QUENTIN & JOYCE	\$0
239,600.000 000008	800000	000004	000003	01	1.16	RIW	E I	RSA C 4,238	\$ 1	\$ 239,600 I 03/12/2015	U DIVORCE PRTY GRNTR/E SCHAFFER, STEPHEN J.	\$ 223,200
110,300.000 000008	800000	000006	000002	01	50.64	R1W	Е		\$ 1	\$ 110,300 V 04/08/2016	U ESTATE SALE/FDCY COV BROWN, CRETA MARY REV	\$ 96,300
159,600.000 000008	800000	000007	000004	01	1.48	R1	E	RSA D 3,617	\$ 1	\$ 159,600 I 02/09/2015	U FAMILY/RELAT GRNTR/E RICK, KATE M.	\$ 183,500
0.819	800000	000010	000002	01	0.32	CI	Ε (	COA B 2,883	\$ 230,800	\$ 189,000 I 03/11/2015	U BUSIN AFFIL GRNTR/E KING JR, JOHN M	\$ 217,300
109,200.000	000008 1/2 INTEF	000008 000011 1/2 INTEREST ONLY;	000009 Y;	01	1.54	R2	D F	RSM A 1,502	\$ 1	\$ 109,200 I 04/08/2015	U ESTATE SALE/FDCY COV VOLANTE, ALBERICO	\$ 131,200
109,200.000	800000	000011	000009	01	1.54	R2	D F	RSM A 1,502	\$ 1	\$ 109,200 I 07/22/2015	U FAMILY/RELAT GRNTR/E DERUSHA, KEN, JAMES, L	\$ 131,200
120,600.000	800000	000011	000012	01	2.15	R1	D I	RSA A 1,707	\$ 1	\$ 120,600 I 05/13/2016	U FORECLOSURE MONTICELLI/TAX COLLECT	\$ 138,100
120,600.000 000008	800000	000011	000012	01	2.15	R1	D	RSA A 1,707	\$ 1	\$ 120,600 I 07/08/2016	U GOVMT AGENCY GRNTR/E WENTWORTH, TOWN OF	\$ 138,100
9,800.000 000008	800000	000011	000017	01	4.47	R1	Α		\$ 1	\$ 9,800 V 05/13/2016	U FORECLOSURE MONTICELLI/TAX COLLECT	\$ 9,000
9,800.000 000008	800000	000011	000017	01	4.47	R1	Α		\$ 1	\$ 9,800 V 07/08/2016	U GOVMT AGENCY GRNTR/E WENTWORTH, TOWN OF	\$ 9,000
23,900.000	800000	000011	000021	01	1.00	CUFL	Е		\$ 1	\$ 23,900 V 04/08/2016	U ESTATE SALE/FDCY COV BROWN, CRETA MARY REV	\$ 30,400
22,900.000 000008	800000	000011	000025	01	0.89	R1	Ħ		\$1	\$ 22,900 I 12/12/2014	U NONMKT TRUST GRNTR/E WENTWORTH, TOWN OF	\$ 37,600

\$ 10,400	BOSTON & MAINE CORP	09/23/2014	<b>₹</b>	ŢŢ.	EX-S	3.33 E	9	000015	000004	000011	6,500.000 000011
\$ 41,400	U		\$ 100,000	п	R1		01	000003	000003	000011	0.345
\$ 155,600	I U SHORT SALE RQ 3RDPTY GAUDETTE, MELODY		\$ 68,000	E RSA B )660 1,632	R2 HY 623-0	3.59 MCCARTH	01 OR GAIL	000011 000003 000002 01 3.59 R2 E 15DOM; SHORT SALE, REALTOR GAIL MCCARTHY 623-0660	000003 SHORT SA	000011 15DOM;	2.381
\$ 152,400	I U FAMILY/RELAT GRNTR/E GOWEN, WILLARD C & ELS	\$ 166,700 ] 01/08/2016	\$ 40,000	D RSA A 677	R1	72.14	01 FENANCS	000011 000002 000005 01 GRANTOR'S RETAINED LIFE TENANCY	000002 )R'S RETAI	000011 GRANTC	4.168
\$ 179,700	I U FAMILY/RELAT GRNTR/E MAKI, ERIC P	\$ 184,500 ] 02/08/2016	\$ 1	C RSA B 1,633	R1	5.25	01	000023	000001	000011	184,500.000 000011
\$ 33,700	V U GOVMT AGENCY GRNTR/E WENTWORTH, TOWN OF	\$ 21,300 V 01/23/2015	\$ 1	D	R1	5.25	01	000006	000005	000010	21,300.000
\$ 33,400	V U GOVMT AGENCY GRNTR/E WENTWORTH, TOWN OF	\$ 21,600 V 06/06/2014	\$ 5,200	D	R1		01 '28/09	000010 000005 000005 01 SALE AFTER TAX DEED OF 5/28/09	000005 TER TAX I	000010 SALE AF	4.154
\$ 69,900	I U INSUFCNT MKT EXPOSUR BASSINGTHWAITE, CHRIS	\$ 58,800 1 11/02/2015	\$ 3,000	D RSA A 1,033	R1	3.31	01	000003	000005	000010	19.600
\$ 69,900	I U GOVMT AGENCY GRNTR/E WENTWORTH, TOWN OF	\$ 58,800 1 03/20/2015	\$1	D RSA A 1,033	R1	3.31	01	000003	000005	000010	58,800.000
\$ 56,700	I U ABUTTER SALE SHARON, RICHARD C	\$ 52,200 1 05/18/2015	\$ 30,000	D MHS A 911	R1	2.00	01	000001	000005	000010	1.740
\$ 85,800	I U IMPROVED POST ASMT DEMERS, DAVID E. & JUD	\$ 117,100 1 08/26/2014	\$ 69,000	D RSA B 1,637	R1	1.90	01	000019	000004	000010	1.697
\$ 102,300	I U NONMKT TRUST GRNTR/E MAZZAGLIA, GLORIA	\$ 69,700 1 06/27/2016	\$1	D MHC A 671	R1	24.90	01	000004	000004	000010	69,700.000 000010
\$ 102,300	V U GOVMT AGENCY GRNTR/E TOWN OF WENTWORTH	\$ 55,700 V 12/19/2014	\$1	D MHC A 671	R1	24.90	01	000004	000004	000010	55,700.000
\$ 102,300	I U TAX SALE  MAZZAGLIA/TAX COLLECTO	\$ 69,700 1 05/09/2014	\$1	D MHC A 671	R1	24.90	01	000004	000004	000010	69,700.000 000010
\$ 189,600	I U FINANCIAL CO GRNTR/E OCWEN LOAN SERVICING L	\$ 185,800 1 02/23/2016	\$1	D RSA D 2,173	R1	6.30	01	000013	000001	000010	185,800.000 000010
\$ 189,600	I U FORECLOSURE HAGER, JODI L	\$ 185,800 1 01/06/2016	\$ 200,416	D RSA D 2,173	R1	6.30	01	000013	000001	000010	0.927
\$ 30,400	I U GOVMT AGENCY GRNTR/E WENTWORTH, TOWN OF	\$ 25,300 1 12/29/2014	\$1	D	R1	5.10	01	000011	000001	000010	25,300.000
\$ 74,400	V U NONMKT TRUST GRNTR/E GREEN, SANDRA K.	\$ 53,600 V 01/28/2016	\$1	В	JUH	41.50 CUUH	01	000004	000001	000010	53,600.000 000010
\$0	V U ESTATE SALE/FDCY COV BROWN, CRETA MARY REV	\$ 109,300 V 04/08/2016	\$1	Е	JUH	108.40 CUUH	01	0019-2	000011	800000	109,300.000 000008
\$ 305,600	I U ESTATE SALE/FDCY COV LIGSAY, SARAH	\$ 213,800 1 04/08/2016	\$ 1	E RSA B 2,389	R1	72.50	01	0019-1	000011	800000	213,800.000
Prior Year Assessment	I Q Unqualified Description Grantor	Assessment 1 Sale Date	Sale Price	NC BR SH Eff. Area	LC	Acres 1	Zone	Sub	Lot	Map Sale Note	Ratio

\$ 105,700	01/28/2016 GREEN, SANDRA K.	÷	b	90.32 <b>NIW</b>	9	010000	000001	000012	99,700.000
\$ 229,400	\$ 167,000 I U	2,032 \$ 117,800				000007	000001	8 000012	1.418
\$ 201,400	\$ 185,800 I U 08/04/2016	A ,744			2 2	000011	000007		1.017
\$ 42,200	\$ 39,000 I U 07/03/2014	A1 A			01	000012	000006		39,000.00
\$ 87,400	1 \$ 67,300 I U 05/29/2015	A 99		H	01	000002	000006	67,300.000 000011	67,300.00
\$ 183,900	1 97/1	RSA D \$	E	2.40 R1	01	000015	000005	0 000011	192,000.000
\$ 174,900	\$1 \$154,200 I U NONMKT TRUST GRNTR/E 01/16/2015 BORGER SR, RICHARD F	RSA B \$ 1,781	E	10.30 R1	01	000014	000005	154,200.000 000011	154,200.00
\$ 217,400	00 \$77,700 V U BOUNDARY ADJUSTMT 04/28/2014 WILMS	RSA D \$23,000 2,746	E	16.14 R1	01	000013	000005	8 000011	3.378
\$ 205,300	00 \$82,000 V U BOUNDARY ADJUSTMT 04/28/2014 WILMS	RSA C \$23,000 1,647	E	31.20 R1	01	000010	000005	5 000011	3.565
\$ 32,400	\$1	\$1	Ħ	2.35 CUUH	01	000008	000005	22,900.000 000011	22,900.00
\$ 32,500	\$1 \$23,000 V U FAMILY/RELAT GRNTR/E 02/08/2016 WINSOR, PAULA E	S	Ħ	2.35 CUUH	01	000007	000005	23,000.000 000011	23,000.00
\$ 32,400	\$1 \$23,000 V U FAMILY/RELAT GRNTR/E 02/08/2016 WINSOR, PAULA E		E	2.35 CUUH	01	000006	000005	23,000.000 000011	23,000.00
\$ 246,700	\$ 221,700 I U FAMILY/RELAT GRNTR/E 02/08/2016 WINSOR, PAULA E	RSA C \$ 2,754	E	2.40 R1	01	000005	000005	0 000011	221,700.000
\$ 34,400	1 02/	S	Ħ	2.30 R1	01	000004	000005	30,400.000 000011	30,400.00
\$ 174,200	1 01/(	RSA B \$ 1,591	Ħ	2.28 R1A	01	000029	000004	0 000011	161,900.000
\$ 174,200	00 \$161,900 I U FINANCIAL CO GRNTR/E 12/30/2015 BANK OF AMERICA	RSA B \$89,000 1,591	F	2.28 R1A	01	000029	000004	9 000011 11 DOM	1.819
\$ 174,200	47 \$161,900 I U FORECLOSURE 10/29/2015 PIASCIK, JENNIFER A.	RSA B \$186,547 1,591	F I	2.28 R1A	01	000029	000004	8 000011	0.868
\$ 84,900	\$ 1 \$ 69,400 I U NONMKT TRUST GRNTR/E 12/22/2014 LINCOLN, DAVID C	MHC A \$	E	2.66 R1W	01	000019	000004	69,400.000 000011	69,400.00
\$ 70,700	00 \$55,500 V U LESS THAN 100% INT 02/29/2016 EVANS ET AL , KRISTIN	\$ 20,000	E	16.53 R1W	01	000018	000004	5 000011	2.775
\$ 59,000	1 \$43,900 I U TAX SALE 05/09/2014 WALDRON/TAX COLLECTOR	\$	Е	4.90 EX-M	01	000016	000004	0 000011	43,900.000
Prior Year Assessment	Assessment I Q Unqualified Description Sale Date Grantor Prio	BR SH Sale Price Eff. Area	NC	Acres LC	Zone	Sub	Lot	Map Sale Note	Ratio

	\$ 41,500	HUTCHISON, VIRGINIA Q.	09/24/2015								/13-7-1	SOLD W/13-7-1	
		O V U MPC-CAN SELL SEPRTLY	\$ 36,800	\$ 130,000		Ε	4 R1W	8.54	01	000002	000007	000013	0.283
	\$ 147,800	HUTCHISON, VIRGINIA Q.	09/24/2015		1,269						/13-7-2	SOLD W/13-7-2	
		O I U MPC-CAN SELL SEPRTLY	\$ 106,100	\$ 130,000	RSA B	D	3 R1W	3.23	01	000001	000007	000013	0.816
	\$ 16,800	VLK, WAYNE E	12/05/2014										
		O V U NONMKT TRUST GRNTR/E	\$0	\$ 1		Ε	0 R1	0.00	01	5&8BLD	000006	000013	0.000
	\$ 153,700	VLK, WAYNE E	12/05/2014		1,568								
		0 I U NONMKT TRUST GRNTR/E	\$ 143,200	\$ 1	RSA B	Ε	0 R1W	2.50	01	005&08	000006	000013	143,200.000
	\$ 158,900	FOSTER/TAX COLLECTOR	05/29/2015		2,049								
		O I U TAX SALE	\$ 175,600	\$ 1	RSA A	Ε	0 R1	18.20	01	000005	000005	000013	175,600.000
	\$ 59,600	BENSON, CINDY J	03/23/2016		899								
,		0 I U FAMILY/RELAT GRNTR/E	\$ 59,400	\$ 30,000	MHS A	Ε	0 R1	1.00	01	000010	000004	1.980 000013	1.980
	\$ 101,500	WENTWORTH, TOWN OF	06/06/2014						5/7/14	SALE AFTER TAX DEED OF 5/7/14	TER TAX	SALE AF	
		0 V U GOVMT AGENCY GRNTR/E	\$ 72,400	\$ 1		Ε	0 R1	63.50	01	000006	000004	000013	72,400.000
	\$ 101,500	BRADY/TAX COLLECTOR	05/09/2014										
		O V U TAX SALE	\$ 72,400 V	\$ 1		Ε	0 R1	63.50	01	000006	000004	000013	72,400.000
	\$ 40,200	LEDOUX, DAVID J	01/30/2015		1,953								
		O V U IMPROVED POST ASMT	\$ 45,500	\$ 43,000	RSA B	H	5 R1W	7.65	01	000027	000003	000013	1.058
	\$ 158,400	CORMIEA, JAMES E	08/25/2015		2,107								
•		O I U FAMILY/RELAT GRNTR/E	\$ 133,100	\$ 96,000	RSA C	Ε	0 R1W	6.50	01	000004	000003	000013	1.386
	\$ 46,500	WENTWORTH, TOWN OF	09/24/2014										
•		O V U GOVMT AGENCY GRNTR/E	\$ 32,200	\$ 1		Ε	0 R1W	2.00	01	800000	000002	000013	32,200.000
	\$ 47,100	WENTWORTH, TOWN OF	07/22/2016										
•		O V U GOVMT AGENCY GRNTR/E	\$ 34,700 V	\$ 1		H	13.00 CUUO	13.0	01	000012	000003	000012	34,700.000 000012
	\$ 88,400	LEITAO, TRACY & HAMMON	11/14/2014		604								
_		O I U LESS THAN 100% INT	\$ 73,900	\$ 1	RSA B	H	0 R1	5.00	01	000011	000003	000012	73,900.000 000012
ane	\$ 160,100	PHILBRICK, ELIZABETH M	10/19/2015		2,402								
		0 I U NONMKT TRUST GRNTR/E	\$ 150,700	\$ 1	RSA A	D	0 R1	5.00	01	000004	000003	000012	150,700.000
	\$ 254,500	POLLOCK, BRUCE W	06/02/2014		1,989								
•		0 I U DIVORCE PRTY GRNTR/E	\$ 225,900	\$ 183,000	RSA B	D	3 R1	35.53	01	00004B	000001	000012	1.234
	Prior Year Assessment	Grantor	Sale Date	ລ	Eff. Area							Sale Note	
		I Q Unqualified Description	Assessment	Sale Price	BR SH	NC	s LC	Acres	Zone	Sub	Lot	Map	Ratio



### PRELIMINARY SPREADSHEETS

The following pages show the spreadsheets used to develop preliminary base values for land and buildings.

Land only sales were used when available and adjusted for location, excess acreage and road frontage leaving a residual value of the base undeveloped site. Land only sales of 2 to 3 acres or less are selected when available to help eliminate any bias of excess acreage or road frontage as the value associated with them has yet to be determined and has to be estimated at this time.

When enough sales are available, and a preliminary base undeveloped site value can be established, then excess acreage and road frontage values can be developed by using other sales and deducting the base undeveloped site to extract an indicated preliminary value for acreage above the minimum lot size required for development. This can also be done for road frontage.

Once preliminary land values are determined, we can then develop the preliminary developed site value by using improved sales with relatively new homes, if available. This chart uses a building square foot cost estimate from local contractors and/or the national cost manual by Marshall & Swift.

Then a spreadsheet can be developed, using all the prior developed preliminary values for the developed site, excess land and road frontage to test the local contractor and cost manual information and confirm or alter the estimated building square foot cost to reflect the very specific local market.

Now with preliminary land and building values developed using the following spreadsheets, we can begin to analyze the impact of waterfront, water access and views, if any exist.

All this preliminary information is further tested via the final town wide sales analysis module for the CAMA system. These results are found in Section 9B of this manual.

### **UNDEVELOPED 1.0 ACRE BUILDING SITE PRELIMINARY VALUE ANALYSIS** WENTWORTH, NH

			rend %/Minth= 0.00%	0.00%	ESTIMATED	ESTIMATED EXCESS ACREAGE VALUE=	=AGE VA		\$1,200			
			Sale		Months to	Adjusted		XS Acres	1.0 Acre	NHBD	Cond	Indicated
<b>S</b>	Map & Lot	Address	Date	Price	4/1	Sale Price	Acres	Value	Site Value	Adj.	Adj.	Site Value
_	1-1-5	Cape Moonshine Rd 10/14/2014	10/14/2014	\$ 17,000	18	<b>\$ 17,000</b> 0.94	0.94	\$0	<b>\$ 17,000</b> 0.90	0.90	0.90	\$ 20,988
2	13-3-16	Cheever Rd	3/10/2015	\$ 34,000	13	\$ 34,000 9.1	9.1	\$ 12,700	<b>\$ 21,300</b> 1.00 0.90	1.00	0.90	\$ 23,667
ω	13-3-18	Cheever Rd	11/21/2014	\$ 34,900	17	\$ 34,900	8	\$ 10,100	\$ 24,800 1.00	1.00	0.85	\$ 29,176
4	13-3-26	North Dorchester Rd	4/7/2015	\$ 30,000	12	\$ 30,000 8.08	8.08	\$ 7,200	<b>\$ 22,800</b> 1.00 0.90	1.00	0.90	\$ 25,333
						F+(G*F5)%		(I-2)*K5	£			K/(LxM)

<u>S</u> Neighborhood Adj = Below Average (-10) = 0.90; Condition Adj = Mild Topo (-05) & Gravel Road (-05) = 0.90; No adjustment is made for the part cleared site Site was further cleared & new electric service installed all after the sale; No adjustment for 0.94 acres in 1 acre zone

SS

2  $S_3$ 

Condition Adj = Rolling Topo (-10) & Gravel Road (-05) = 0.85; Condition Adj = Mild Topo (-05) & Gravel Road (-05) = 0.90; XS acres includes estimated minor view Condition Adj = Rolling Topo (-10) = 0.90 AS THE MEDIAN IS A BETTER INDICATOR OF CENTRAL TENDENCY, THE INDICATED PRELIMINARY **UNDEVELOPED SITE VALUE IS \$24,500** 

**AVERAGE** \$24,500 \$ 24,791 MEDIAN

04/01/16

## WENTWORTH, NH DEVELOPED PRELIMINARY 1.0 ACRE BASE SITE VALUE ANALYSIS

	\$ 38,393							ne	1.0 acre zo	acres site in	cres = 0.24	Excess A	· (-05) = 0.90;	Site cond = mild topo (-05) & gravel driveway (-05) = 0.90; Excess Acres = 0.24 acres site in 1.0 acre zone	nild topo (-05) 8	Site cond = n	S3	
	MEDIAN		ımber mill	Location Adj = Below Ave Neighborhood (-10) = 0.9; Site Cond = gravel driveway (-05), gravel road (-05) & rolling topo (-10) = 0.80; Add'l building depreciation for obse proximity to lumber mill	ing depreciation	30; Add'l build	00 (-10) = 0.8	& rolling top	el road (-05)	y (-05), grav	avel drivewa	Cond = gra	)) = 0.9; Site	eighborhood (-10	= Below Ave N	Location Adj	S2	
	\$ 38,347			Location Adj = Good Neighborhood (+20) = 1.20; Site Cond = gravel driveway (-05) & gravel road (-05) = 0.90; Add1 building depreciation for minimum ktichen w/no upper cabinets	ninimum kitchen	reciation for r	building depr	= 0.90; Add'l	road (-05) =	.05) & grave	I driveway (-	nd = grave	1.20; Site Co	orhood (+20) =	= Good Neight	Location Adj	S1	
	AVERAGE					2011=6%.	2012=5% and	2013=4%, 2	%, 2014=3%,	0%, 2015=1	er is 2016=	It and new	011 year bui	Normal Age Depreciation for average building condition for 2011 year built and newer is 2016-0%, 2015-1%, 2014-3%, 2013-4%, 2012-5% and 2011-6%	average buildin	preciation for	Normal Age De	
			5=v.poor	4=poor	3=fair	2=good 2.5=ave 3=fair	2=good	ă	1.5=v.good	Condtn= 1=exc	Condtn							
O/(P*Q)			F-(L+M+N)		)**K	O5*G*(1-J/100)*K		)*G5	I*(sqrt(R5-H)*G5	ю	Bldg Age		D+(E*E5)%					
\$ 38,455	0.80	1.00	\$ 30,764	\$5,400	\$800	\$ 102,969	1676		16	2.5	7 1990	0.9527	\$ 139,933	4	\$139,933	11/18/15	12-003-009	5
\$ 29,526	0.90	1.00	\$ 26,574	\$9,800	\$11,400	\$ 187,226	2728		11	2.5	3 2002	1.0043	\$ 235,000	17	\$235,000	10/21/14	12-01-011	4
\$ 34,770	0.90	1.00	\$ 31,293	-\$25,000	\$8,800	\$ 66,907	1474		36	2	7 1800	0.9247	\$82,000	20	\$82,000	07/25/14	8-002-011	ω
\$ 38,393	0.80	0.90	\$ 27,643	\$300	\$10,800	\$ 76,790	1549	15	19	2.5	8 1980	0.9718	\$ 115,533	20	\$115,533	07/28/14	8-011-010	2
\$ 50,588	0.90	1.20	\$ 54,635	\$15,400	\$0	\$ 101,365	1364	ω	16	2.5	2 1988	1.1952	\$ 171,400	18	\$171,400	09/02/14	1-003-008	_
Value	or Topo Adj	Adj	Value	Value	Value	Value	Sq Ft	Depre	Depre	Condtn	Built	Rate	Price	Mnths	Price	Date	PID	#
Improved Site	Condition	Location	Residual	& Rd Frnt	Features			Add'l	Normal	Age	e Year	Grade	Adj	Trend	Sale	s	•	Sale
Indicated	Site		Land	Excess Acs	Extra			Ō	Building								•	
2016			\$77.00	ESTIMATED \$ PER SQUARE FOOT COST =	D \$ PER SQUA	ESTIMATE						1.250	Bldg. Dep 1.250	0.00%	Trend %/Mth			
Base Year																		

S1 S2 S3 S5 Site cond = mild topo (-05) & gravel driveway (-05) = 0.90; Excess Acres = 0.24 acres site in 1.0 acre zone

Site cond = mild topo (-05) & gravel driveway (-05) = 0.9

Site cond = mild topo (-05), gravel road (-05), gravel driveway (-05) & road bisects lot (-05) = 0.80

Excess acres estimated at \$1,200 per acre

### THE PRELIMINARY BUILDING SITE VALUE IS ROUNDED TO \$38,000

(Undeveloped site (0.70) x undeveloped driveway (0.90) = 0.63 - rounded to 0.65) With vacant land established at \$24,500 and developed land at \$38,000 the indicated undeveloped land factor is 65

S2 S1

NBHD Adj = Below Ave Neighborhood (-0.10) = 0.90; Cond Adj = 1.2 acres of Unproductive & Gravel Road (-05) = 0.85; Topo Adj = Rolling Topo (-10) = 0.90; XS Road Frontage = 2,000ff at \$30/ft at 30 condition due to topography; Topo adj = 97.7 acres with Moderate Topo and 35 acres with Steep Topo = 0.80

Average \$ 1,171

Median \$ 1,171

THE PRELIMINARY INDICATED EXCESS ACREAGE VALUE IS ESTIMATED TO BE \$1,200 PER ACRE

### WENTWORTH, NH EXCESS ACREAGE PRELIMINARY VALUE ANALYSIS

				Trend / Mnth %=	ו %=	0.00%	UND	EVELOPE	UNDEVELOPED SITE VALUE =	UE =	\$ 24,500				<u> </u>	
			S	Sale	Months	Months Adjusted NBHD Cond	NBHD	Cond	Site	XS Rd Residua	Residual	# of		Per Acre		Per Acre
S#	Map/Lot	Address	Date	Price	T0 4/1	T0 4/1 Sale Price Adj Adj	Adj	Adj	Value FF \$	FF \$	Value	XS acres	•	Value	Value Adj.	s Value Adj. Adj. Acre Value
1	4-002-008	NH Rte 25A	11/16/2015	11/16/2015 \$ 128,000	ъ	\$128,000 1.0 1.0 \$24,500 \$18,000 \$85,500	1.0	1.0	\$24,500	\$ 18,000	\$85,500	132.7	7	\$644.31	7 \$644.31 0.69	
2	12-001-004	Cross Rd	8/6/2014 \$30,000		20	\$30,000 0.9 0.9 <b>\$18,743</b> \$500	0.9	0.9	\$18,743	\$500	\$ 10,758	10.6	10.6	6 \$1,014.86		

# WENTWORTH, NH RESIDENTIAL PRELIMINARY BUILDING SQUARE FOOT COST ANALYSIS

				5=v.poor			d WF to Pond	Acres = Share	= 0.90; Excess	vel Road (-05)	Location Adj = Fair Neighborhood (-30) = 0.70; Site cond = Gravel Driveway (-05) & Gravel Road (-05) = 0.90; Excess Acres = Shared WF to Pond	= Gravel Drive	0.70; Site cond	rhood (-30) =	Fair Neighbo	Location Adj =	S4	
\$ 76				4=poor													S3	
MEDIAN				3=fair						າ 1 acre zone	Site cond = Mild Topo (-05) & Gravel Driveway (-05) = 0.90; Excess Acres = 0.52 acres in 1 acre zone	90; Excess Acre	eway (-05) = 0.5	& Gravel Drive	ild Topo (-05)	Site cond = M	S2	
\$ 75				2.5=ave			00	Site (+10) = 1.0	5) & Very Good	avel Road (-05	Location Adj = Good Neighborhood (+20) = 1.20; Site Cond = Gravel Driveway (-05), Gravel Road (-05) & Very Good Site (+10) = 1.00	nd = Gravel Di	= 1.20; Site Co	orhood (+20)	Good Neight	Location Adj =	S1	
AVERAGE				2=good														
	7			1.5=v.good			2011=6%.	, 2012=5% and	=3%, 2013=4%	)15=1%, 2014	Normal Age Depreciation for average building condition for 2011 year built and newer is 2016=0%, 2015=1%, 2014=3%, 2013=4%, 2012=5% and 2011=6%.	built and newe	for 2011 year	ing condition	average build	preciation for	Normal Age De	_
L/Q/M/1-(P*1/100)	Ľ	3	O*(sqrt(R5-N)	1=exc			FIJX			O5*G*H			D+(E*E5)%					
\$ 71	1,206	10	28	3.0	1960	0.5804	\$ 30,860	\$ 3,000	\$4,200	\$ 23,940	0.90	0.70	\$ 62,000	23	\$ 62,000	4/7/2014	5-3-010	4
\$ 61	2,540		14	2.5	1997	0.9122	\$ 121,500	\$ 100	\$ 10,400	\$ 38,000	1.00	1.00	\$ 170,000	7	\$ 170,000	8/10/2015	5-5-11A	ω
\$ 82	1,805		33	2.0	1850	1.1123	\$ 110,800	-\$ 10,000	\$4,000	\$ 34,200	0.90	1.00	\$ 139,000	19	\$ 139,000	8/13/2014	4-006-009	2
\$ 88	2,792		11	2.0	1996	1.2039	\$ 261,500	\$ 86,000	\$ 36,900	\$ 45,600	1.00	1.20	\$ 430,000	13	\$ 430,000	2/4/2015	1-002-11A	_
Value	Sq Ft	Depre	Depre	Condtn	Built	Rate	Value	Value	Value	Value	Topo Adj	Adj	Price	Mnths	Price	Date	PID	#
Bldg Sqr Ft		Add'l	Age	Age	Year		Residual	& Rd Frnt	Features	Land	Cond or	Location	Adj	Trend	e	Sale		Sale
Indicated			Building	Bui			Building	Excess Acs	Extra		Site							
2016				\$ 38,000		site value=	Base developed site value=		Depreciation Rate= 1.25	Dep				0.00%	Trend %/Mth			

After inclusion of all of the sales, the Residential Building Square Foot Cost was changed to \$77

Excess acreage is estimated at \$1,200 per acre

THE MEDIAN IS TYPICALLY A BETTER INDICATOR OF VALUE, THEREFORE THE PRELIMINARY COST PER SF FOR

RESIDENTIAL BUILDINGS IS \$76

04/01/16

### WENTWORTH, NH 2016 VIEW CONTRIBUTORY VALUE ANALYSIS

PID 6/9/2015 \$ 155,000 10 Bldg Dep \$ 155,000 \$ 180,000 Price Αdj 1.016 1.147 1974 Built 1988 1.5 2.5 ESTIMATED \$ PER SQUARE FOOT COST = Depre 3 16 Add'l 1,440 \$ 98,524 DEVELOPED SITE VALUE= Features Extra \$0 & Rd Frnt Xcess Acs \$ 500 \$ 54,536 Residual \$ 38,000 Value Land Locatn 1.00 0.90 Adj Cond or Topo Adj 1.00 0.85Contributory Vu Value Base Year Indicated \$ 16,536

Condtn= No time trend is applied Site Cond = Paved Driveway, Paved Road = 1.00 Location Adj = Below Ave Neighborhood (-10) = 0.90; Site Cond = Mild Topo (-05), Gravel Driveway (-05) & Gravel Road (-05) = 0.85 1=exc 1.5=v.good 2=good 2.5=ave D+(E\*E5)% 3=fair 4=poor 5=v.poor K xO\$5 xG x(1-(J/100)) F-L-M-N O -(O\$4 xP xQ)



S1 = Map 10, Lot 1-10 = A tunnel, top 25% distant mountain view

### **SECTION 8**

- A. FIELD REVIEW
- B. INFORMAL HEARING PROCESS
  - 1. Number of Hearings
  - 2. Results of Hearing

### A. Field Review

Preliminary values were established based on the cost tables developed and tested via the statistical analysis. The statistical results and preliminary values were reviewed with the local authority, discussing neighborhoods, the sales basis for land and building cost tables, the preliminary sales charts, base values and resulting statistics of all sales along with graphs. A report of all preliminary values in town is also reviewed with the local authority showing the overall value of the town, as well as individual values for their comment.

### **Field Review**

Then the job supervisor and one other assessor reviewed each parcel again for final "form and fit" testing. This review is generally done from the road or driveway checking the exterior to ensure the property structure, quality, condition and depreciation, as well as review the visible site, the lister's notes and picture of the property.

This is a slow, time consuming process that improves consistency from lot to lot and neighborhood to neighborhood, making all subjective considerations of one experienced supervisor. We find this extra effort improves the overall job quality and consistency.

When anomalies are noticed, another inspection is made to correct or verify the situation.

### **Property Specific Adjustment Guidelines**

### Land Adjustments

Site Modifiers – Undeveloped/Wooded Lot Undeveloped/Clear -30% (70 Site Modifier) -20% (80 Site Modifier)

Gravel Driveway

Undeveloped Driveway

Gravel Roadway

-5% (95 Driveway Modifier)

-10% (90 Driveway Modifier)

-5% (95 Roadway Modifier)

Shared Driveway/Access (SHDW) -5% or greater depending on size & impact

ROW Across Lot to Access Another

Varies – dependent upon access

characteristics, typically -5 to -10% Topography (TOPO) Varies – dependent upon severity

Less Than Average Access (ACC)

Cost to Develop (CTD)

Added Site Value (SITE)

Varies – dependent upon severity

Varies – determined by field review

Varies – determined by field review

Road Bisects Lot (RBL)

Not Buildable (NBD)

Class VI Excess FF (CTD)

-5% (95 Land Condition)

-90% (10 Land Condition)

-90% (10 FF Land Cond)

Power Line Easement (PLE)

Varies – dependent upon severity

In-Law Apartment +00 (100 Land Condition)
2 Family Dwelling +00 (100 Land Condition)
3 or more Family Dwelling +00 (100 Land Condition)

Residential & Commercial on site Varies – depends on how extensive the use

2 Dwellings on Lot w/Separate Utilities +05 (105 Land Condition)
3 Dwellings on Lot w/Separate Utilities +10 (110 Land Condition)
4-6 Dwellings on Lot w/Separate Utilities +25 (125 Land Condition)
No Septic on Developed Site -05 (95 Land Condition)

No Well on Developed Site -05 (95 Land Condition)

### **Building Adjustments**

Wall Height (WH)

-1% to -3% Dependent on Severity

This adjustment is typically seen on gambrel style dwellings as there is a loss in space in the upper floor due to the pitch of the roof.

Close to Road (CTR)

-5% to -10% Dependent on Severity

This adjustment is applied to homes that are abnormally close to the road.

Misc/CNotes

Varies

Buildings require depreciation for many items. The overall condition of the home usually accounts for the majority of normal wear and tear items but often depreciation is needed to account for issues that are short lived and have a cost to cure associated with them, ie roof and siding.

### **B. Informal Hearing Process**

The informal hearing process begins with a notice of preliminary value and information on how to make an appointment to review the assessment one on one being mailed first class on: <u>June 2</u>, <u>2016</u>.

Sample notice can be found in Section 5. Abbreviations & Samples

The property owners were given <u>3</u> days, starting <u>Wednesday</u>, <u>June 15, 2016</u> between the hours of <u>8:00 am & 4:30 pm</u> to call and arrange an appointment.

The hearings were held for  $\underline{2}$  days from  $\underline{6/20/16}$  to  $\underline{6/21/16}$  and resulted in  $\underline{26}$  taxpayers calling to set up appointments to discuss their assessments.

If they were unable to fit into the normal 8-5 P.M. schedule, their name and phone number were taken and once the appointment period was over, all property owners on this list were contacted and arrangements for evening or Saturday meetings were made.

Once all the informal hearings are complete, the supervisor reviews all the information and recommendations from the hearing officer and makes final changes and produces the final statistical results and graphs.

The hearings went smoothly and gave us an opportunity to correct any physical data, as well as complete any interior inspections of properties that had not previously been inspected.

### SECTION 9

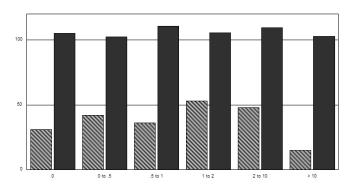
- A. CALIBRATION TECHNIQUE
- B. FINAL STATISTICAL ANALYSIS & TESTING
- C. FINAL VALUATION COST TABLES

### A. MODEL CALIBRATION TECHNIQUE

Once all the local sales data has been verified via onsite measure and list of all buildings and land information, the sale date, price and circumstances are verified by the appraisal supervisor via owner interview, questionnaire, PA-34, MLS or prior owner/real estate agent interview.

That data is then used to develop preliminary costs for land and building tables needed for the CAMA system to calculate assessment values for all property in the municipality once the rest of the properties are measured and listed.

When the CAMA cost tables are defined, we compute the assessment to sales ratio for each property and produce graphs and reports which can then be used to calibrate the CAMA system to predict the market value of all property in the municipality as fairly as possibly. The following are samples of the graphs used to test and calibrate the CAMA model through multiple reiterations of the sales analysis program:



 We # of Parcels
 Median A/S x 100

 0
 31
 105.32

 0 to 5
 42
 102.70

 5 to 1
 36
 110.83

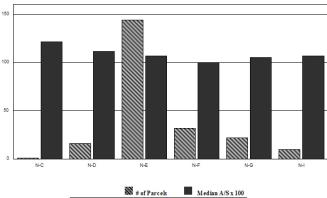
 1 to 2
 53
 105.63

 2 to 10
 48
 109.44

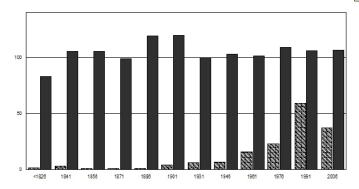
 > 10
 15
 102.90

The hashed bars indicate the number of sales in each group, while the solid bars indicate the median assessment to sales ratio. This graph charts ratios for various lot sizes of the sales data and enables us to determine if all lots are fairly assessed regardless of size.

Here the groups, number of sales in each group and the median ratio are displayed.



 The sales are charted by neighborhood designation to test if there is a neighborhood bias. This sample chart indicates that neighborhood "C" is being significantly over assessed; "D" is slightly over assessed, while the other neighborhoods are fairly evenly assessed. However, neighborhood "C" has only one sale and as such, is not a clear indication of a model bias and is disregarded.



	# of Parcels	Median A/S x 100
<1826	2	82.90
1841	3	105.37
1856	1	105.37
1871	1	99.06
1886	1	119.15
1901	4	120.16
1931	6	100.09
1946	7	103.06
1961	16	101.20
1976	23	108.83
1991	59	106.49
2006	37	106.91

This graph is charting building age groups and their median ratio to see if the depreciation schedule is working across all age groups.

It is important to note the number of sales in each group. In this chart, the 1886 group seems to show an over assessment, but it is only one sale and as such, is not as meaningful. However, the 1901 group has four sales with a high ratio and may indicate a problem.

### Sales Ratio Bar Graphs

Median Assessment/Sales Ratio by Year of Construction: This is a comparison of sale to assessment grouped by year of construction. This shows that effect, if any, of age on the median assessment ratio of various age groupings. It is used to help test that the depreciation used for normal age is consistently and equitably working across all ages of the sales.

Median Assessment/Sales Ratio by Effective Area: This graph is a test of the effect of size of the building and its impact on our valuation model. It is used to calibrate, as well as show whether or not the size adjustment scale is effectively working with small buildings, as well as large buildings.

Median Assessment/Sales Ratio by Story Height: This graph normally shows two to four groups based on the number of different story heights in the sales sample and demonstrates the effect of multiple floors on sales. It is used to test and calibrate story height adjustments to ensure our adjustment by story height is working.

Distribution of Sales Ratio: This shows the clustering of sales around our median ratio. The majority of sales should be at or near 1, which is actually 100% and taper off in both directions, below and above the 100% level indicating a normal distribution of sales ratios.

Median Assessment/Sales Ratio by Sale Price: We tested our computed values to actual sales values as in all these graphs, but here we are testing to see if there is a bias between low and high values by graphing the median ratio of value groups - low to high. It is used to test if a bias exists by value.

Median Assessment/Sales Ratio by Neighborhood: This graph tests our neighborhood delineation to ensure that our neighborhood codes are fair and equitable. With a median ratio of all groups as close to 100% as possible, this demonstrates a good neighborhood delineation.

Median Assessment/Sales Ratio by Zone: If there is more than one zoning district in a town and sales exist in more than one zone, the chart will show the median ratio for each zone to test for a zoning bias and to re-calibrate, if necessary, to reflect a reasonable relationship through all zones based on the median ratio.

Median Assessment/Sales Ratio by Acreage: This graph is used to test and calibrate the value difference of various size lots. The chart shows the median ratio by various lot size groupings of the sales data.

Median Assessment/Sales Ratio by Use: This graph shows the median ratio of various groups of land use within the sales data. It is used to calibrate the CAMA model to effectively treat each use fairly at similar assessment to sales ratios.

Median Assessment/Sales Ratio by Building Grade: This graph helps test the effect of building quality of construction adjustments by showing the median ratio for each grade classification within the sales sample.

As the true value of any property falls within a range of the most likely low to the most likely high value, these bar charts should show a relatively straight line. Rarely will it ever be a straight line. It is intended to show whether or not a strong measurable and correctable *bias* exists. As long as there is no trend up or down from the lowest to the highest grouping, then what bias exists, is negligible. In other words, everyone is being treated the same.

However, it is important to note that 1 or even 2 sales do not provide definitive information as to whether a bias exists or not. As such, it is possible for a graph with a group of only 1 or 2 sales to show a spike or drop compared to the rest. And while it is an indication of possible bias, it is not conclusive enough to assume any type of corrective action and as such, in mass appraisal it is documented in these graphs for future monitoring, but does not necessarily affect the overall results of the revaluation program.

All these graphs enable the CAMA model to be tested beyond the standard statistics as required by the DRA and the ASB guidelines to show equity within various categories to ensure the most equitable assessments possible.

### **SECTION 9**

### B. FINAL STATISTICAL ANALYSIS REPORTS

### Sales Analysis Results Wentworth -- 06/23/2016

	Sales Analy	ysis Statistics	
Number of Sales:	31	Mean Sales Ratio:	0.9930
Minimum Sales Ratio:	0.8600	Median Sales Ratio:	0.9956
Maximum Sales Ratio:	1.1876	Standard Deviation:	0.0597
Aggregate Sales Ratio:	0.9924	Coefficient of Dispersion:	3.9590
		Price Related Differential:	1.0006

### Sales Analysis Criteria

Sold: 4/1/2014 - 06/23/2016 Sale Ratios: 0.000 - 999.999

Building Value: 0 - 99999999 Bldg Eff. Area: 0 - 99999999

Land Value: 0 - 99999999 Land Use: ALL

Current Use CR: 0 - 99999999 Acres: 0 - 99999999

Year Built: 1600 - 2016 Trend: 0.000% Prior to 06/23/2016

Story Height: ALL Neighborhood: ALL

Base Rate: ALL Zone: ALL

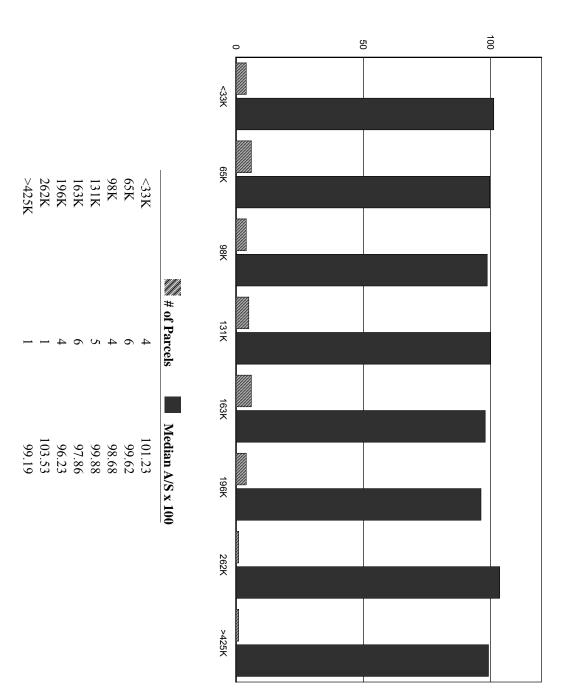
Qualified: YES Unqualified: NO

Improved: YES Vacant: YES

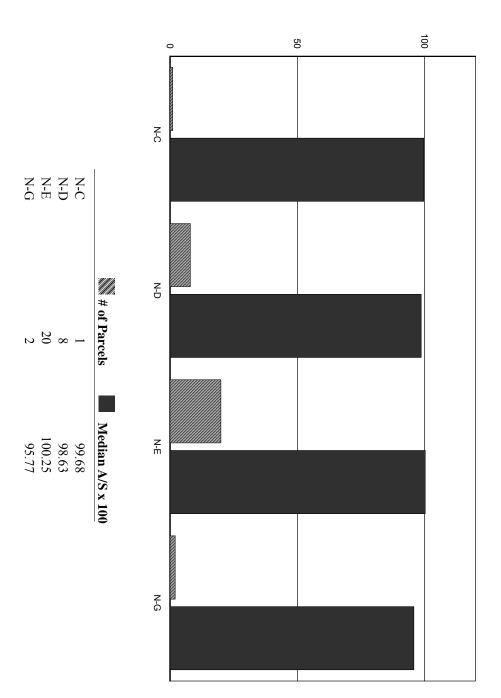
View: All Waterfront: All

Include Comm./Ind./Util.: YES

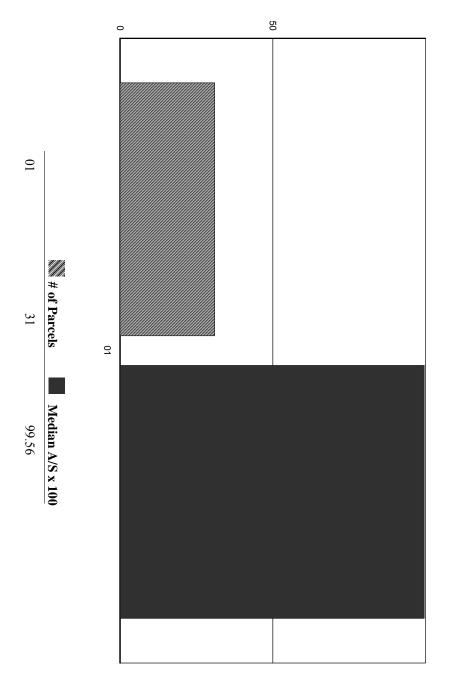
## Wentworth: Median A/S Ratio by Sale Price



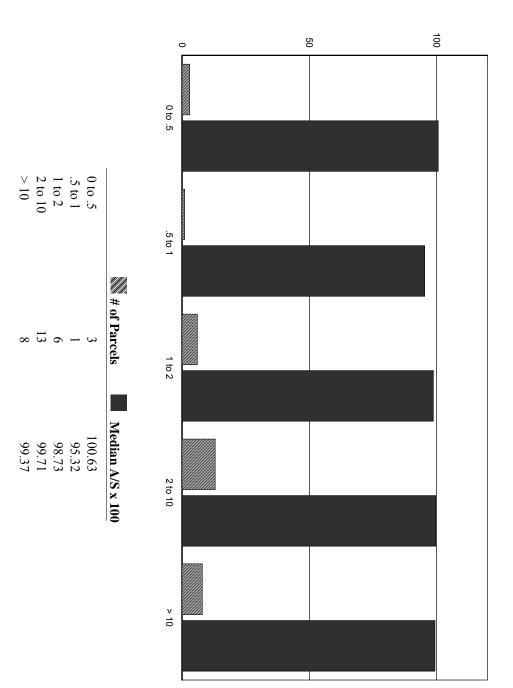
# Wentworth: Median A/S Ratio by Neighborhood



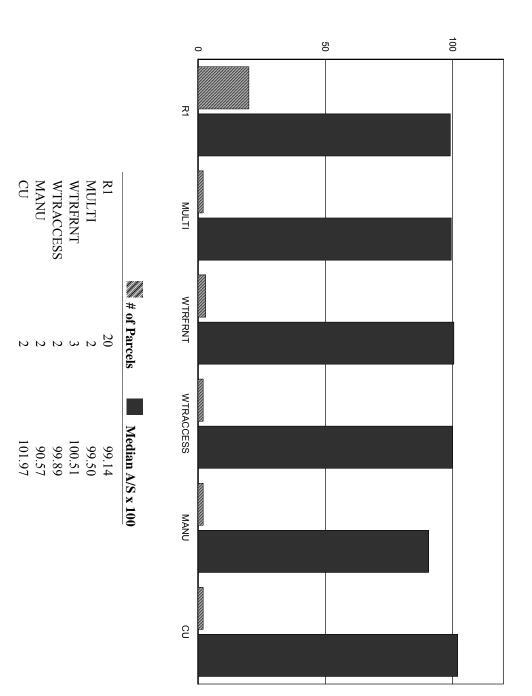
### Wentworth: Median A/S Ratio by Zone



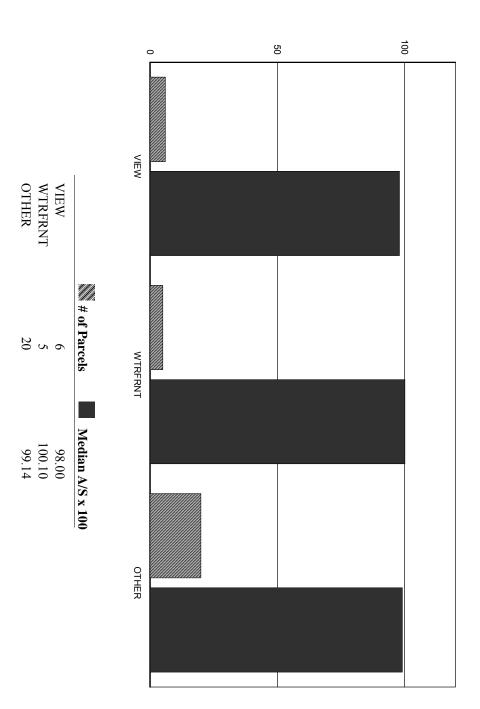
### Wentworth: Median A/S Ratio by Acreage



# Wentworth: Median A/S Ratio by Improved Use



# Wentworth: Median A/S Ratio for Views/Waterfront/Other



### Sales Analysis Results Wentworth -- 06/23/2016

	Sales Analy	ysis Statistics	
Number of Sales:	10	Mean Sales Ratio:	0.9994
Minimum Sales Ratio:	0.9567	Median Sales Ratio:	0.9963
Maximum Sales Ratio:	1.0684	Standard Deviation:	0.0333
Aggregate Sales Ratio:	0.9954	Coefficient of Dispersion:	2.3457
		Price Related Differential:	1.0039

### Sales Analysis Criteria

Sold: 4/1/2014 - 06/23/2016 Sale Ratios: 0.000 - 999.999

Building Value: 0 - 99999999 Bldg Eff. Area: 0 - 99999999

Land Value: 0 - 99999999 Land Use: ALL

Current Use CR: 0 - 99999999 Acres: 0 - 99999999

Year Built: 1600 - 2016 Trend: 0.000% Prior to 06/23/2016

Story Height: ALL Neighborhood: ALL

Base Rate: ALL Zone: ALL

Qualified: YES Unqualified: NO

Improved: NO Vacant: YES

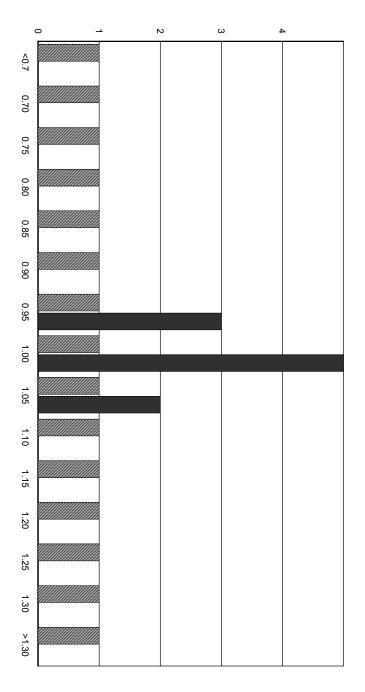
View: All Waterfront: All

Include Comm./Ind./Util.: YES

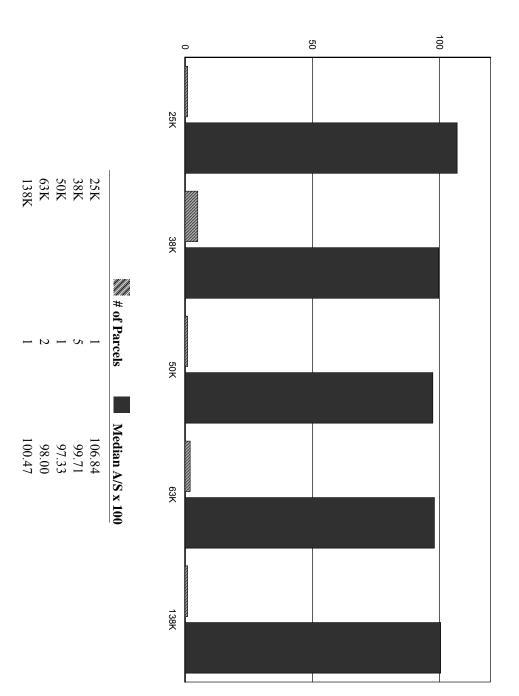
### Wentworth Sales Analysis Report

	\$ 43,700	05/31/2016 MENFI, JOSEPH F									
		\$28,900 V Q	\$ 27,933	Ε	11.09 CUUO	11.09	01	000005	000004	1.035 000013	1.035
	\$ 38,200	04/07/2015 RIETKERK, JEFFREY & KI									
		\$28,700 V Q	\$ 30,000	Ε	R1	8.08	01	000026	000003	0.957 000013	0.957
	\$ 40,700	11/21/2014 BLASE, STEVEN A									
		\$ 34,800 V Q	\$ 34,900	Ε	R1	8.00	01	000018	000003	0.997 000013	0.997
	\$ 42,300	03/10/2015 MELLO, EDWARD & GAIL									
		\$ 34,300 V Q	\$ 34,000	Ε	R1	9.10	01	000016	000003	1.009 000013	1.009
	\$ 39,100	03/01/2016 VINTAGE LANDS LLC									
		\$ 20,300 V Q	\$ 19,000	Ε	R1W	2.02	01	000002	000003	1.068 000013	1.068
	ST \$ 44,000	08/06/2014 MICHEL REVOCABLE TRUST									
		\$29,700 V Q	\$ 30,000	D	R1	11.60	01	000004	000001	0.990 000012	0.990
	\$ 50,200	08/26/2014 PAULS, BARBARA A									
		\$ 52,300 V Q	\$ 52,533	D	R1	17.50	01	000005	000004	0.996 000010 000004	0.996
	\$ 52,800	12/07/2015 CASE, RICHARD & DEBORA							J.	516 DOM;	
		\$43,800 V Q	\$ 45,000	Ε	R1W	2.02	01	000019	000004	0.973 000005	0.973
	\$ 47,200	06/20/2014 CERSOSIMO INDUSTRIES I								NO MLS	
Da		\$ 57,800 V Q	\$ 59,933	D	R1	17.06	01	000014	000003	0.964 000004 000003	0.964
ge 1	\$ 148,300	11/16/2015 SAVAGE, JANET R							CASH	17 DOM CASH	
173		\$128,600 V Q	\$ 128,000	Ε	133.70 CUUO	133.70	01	800000	000002	1.005 000004	1.005
	Prior Year Assessment	Sale Date Grantor	Eff. Area							Sale Note	
		Assessment I Q Unqualified Description	BR SH Sale Price	NC	$\mathbf{LC}$	Acres	Zone	Sub	Lot	Map	Ratio

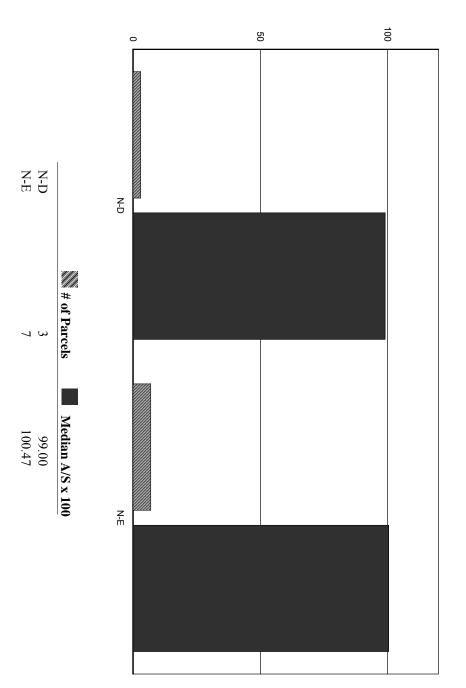
### Wentworth: Distribution of Sale Ratios



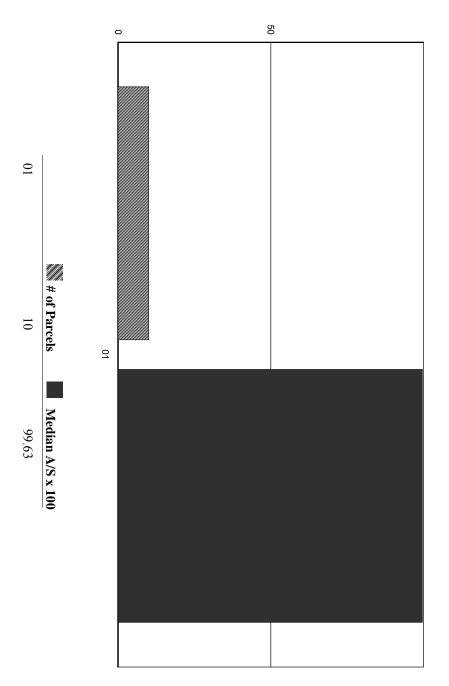
## Wentworth: Median A/S Ratio by Sale Price



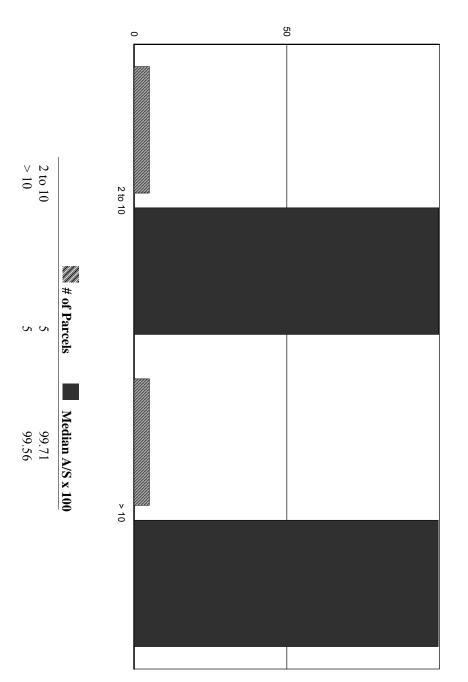
# Wentworth: Median A/S Ratio by Neighborhood



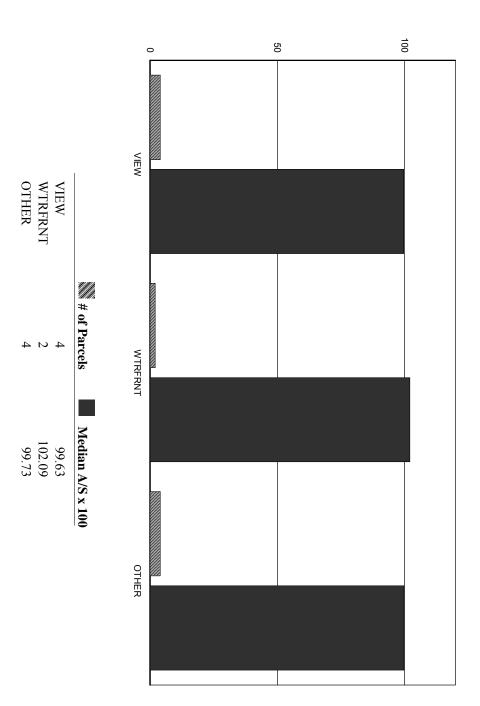
#### Wentworth: Median A/S Ratio by Zone



### Wentworth: Median A/S Ratio by Acreage



# Wentworth: Median A/S Ratio for Views/Waterfront/Other



Land Type		Feature Type Units Lngth			LISTING HISTORY	GARDNER TRUSTEE, STEVEN D  GARDNER TRUSTEE, KAREN L  STEVEN GARDNER REV TRUST  22 CIDER MILL DRIVE  CAMPTON, NH 03223
Adj Site Road DWay Topography Cond Ad 100 70 100 90 90 ROLLING 100 69 70 STEEP 100 69 85 MODERATE 100 100 30 30 30 30 30 30 30 30 30 30 30 30 3	LAND VALUATION	Units Lngth x Width Size Adj Rate Cond Market Value Notes	ALUATION	LDE	NOTES	Date         Book         Page         Type         Price Grantor           11/16/2015         4171         401         Q V         128,000 SAVAGE, JANET R           07/28/2015         4145         0971         U V 32         160,000 SANBORN, GREG A
Site: UNDEVELOPED Driveway: UNDEVELOPED Road: PAVED         Valorem       SPI R       Tax Value Notes         21,500       80 Y       38         20,300       80 Y       1,333         68,800       80 Y       5,174         18,000       0 N       0 TOPO/CTD         128,600       6,545		### WENTWORTH ASSESSING OFFICE    PARCEL TOTAL TAXABLE VALUE	MUNICIPAL SOFTWARE BY AVITAR			Page 181

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ETAILS	BUILDING DETAILS	dCIS	TAXABLE DISTRICTS	ABLE	TAX			NEK	OWNER							PICTURE	PICI			
Printed: 08/16/2016	WENTWORTH			E 25	NH RTE 25A			of 1	Card: 1 of 1	Ü	<b>∞</b>		Sub: 000008		<b>0</b> 2	Lot: 000002	Lot	4	Map: 000004	Map:
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Land Type		reame rype	l'nits l	12/03/15 KCVL VER SALE 01/14/13 DMVL 09/22/11 TNFR 09/09/10 MI	LISTING HISTORY	WENTWORTH, NH 03282		OWNER INFORMATION	Map: 000004 Lot: 000003 Sub: 000014
Adj Site Road DWay Topography Cov 90 70 95 90 95 MILD 10 95 95 95 MILD 10 95 95 95 MILD 10 97 95 95 MILD 10 98 95 MILD 10 99 95 MILD 10 99 95 MILD 10 99 95 MILD 10	LAND VALUATION	Nate Colle		EXTRA FEATURES VALUATION	NOTES		Date         Book         Page         Type         Price Grantor           06/20/2014         4063         0783         Q V         59,933         CERSOSIMO INDUSTRIES	SALES HISTORY	Card: 1 of 1
Site: UNDEVELOPED Driveway: UNDEVELOPED Road: GRAVEL/DIRT           nd         Ad Valorem         SPI         R         Tax Value         Notes           0         19,400         0         N         19,400           0         16,300         100         N         2,485           0         100         100         N         20         WET           0         22,000         22,000         vu est-prt blckd           57,800         43,905         43,905		### WENT WOKI H ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$0 \$0 \$29,977  Parcel Total: \$29,977  2015 \$0 \$0 \$29,928  Parcel Total: \$29,928  Parcel Total: \$29,928  Parcel Total: \$43,905  Parcel Total: \$43,905	WENTERSON A SECUND	MUNICIPAL SOFTWARE BY AVITAR		Page		PICTURE	WENTWORTH Printed: 08/16/2016

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Roof:		CLAYTON, SARA K		
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BUILDING DETAILS	TAXABLE DISTRICTS	OWNER	PICTURE	
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WENTWORTH Printed: 08/16/2016	NICHOLS HILL RD	Card: 1 of 1	00004 Lot: 000003 Sub: 000014	Map: 000004

Zone: RES   Minimum Acreage: 1.00   Minimum Frontage:   Land Type	LISTING HISTORY	ON Sub:
200  Adj Site Road DWay Topography Cond Ad Valorem 100 95 100 95 100 LEVEL 95 32,600 100 100 100 LEVEL 100 1,200 100 100 10,000 43,800	PLAN#13877; OLD M&L 2-4-5; 4/1/11 NEW DUE TO SUB OF 2-4-1; OUT OF CU DUE TO 12/10 SALE; 5/12 DW INSTALLED (SHARED W/2-4-18); NO ELEC TO SITE; 1/13 ADD "SIERRA" CAMPER-EST YEAR BUILT; 5/14 NC; CORR YB PER BILL OF SALE; 5/15 NC TO CAMPER/SITE; 1/16; 3 BD SEPTIC INSTALLED IN 2011; NATURAL SITE= VACANT & CLEARED W/SEPTIC & NO WELL AT TIME OF SALE W/DRIVEWAY; 3/16 CLEARING BRUSH; CK17;  EXTRA FEATURES VALUATION  EXTRA FEATURES VALUATION  IAND VALUATION  IAND VALUATION	Date         Book         Page         Type         Price Grantor           12/20/2010         3760         0238         Q V         45,000 CASE, RICHARD &           12/20/2010         3760         0238         Q V         50,000 VINTAGE LANDS LLC
Site: FAIR Driveway: GRAVEL/DIRT Road: PAVED SPI R Tax Value Notes  0 N 32,600 ROW ACC/NO WELL 0 N 1,200 0 N 10,000 325' WF  43,800	MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$ 4,100 \$ 0 \$ 48,700 Parcel Total: \$ 52,800  2015 \$ 4,100 \$ 0 \$ 48,700 Parcel Total: \$ 52,800  2016 \$ 0 \$ 0 \$ 43,800  Parcel Total: \$ 43,800 Parcel Total: \$ 43,800	WENTWORTH & Printed: 08/16/2016 PICTURE  185

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BUILDING DETAILS	IAAADLE DISTRICTS	OWNER	FICIORE	
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WENTWORTH Printed: 08/16/2016	523 EAST SIDE RD	Card: 1 of 1	Map: 000005 Lot: 000004 Sub: 000019	Map:

Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC  IF RES 1.000 ac 38,000 D  IF RES 16.500 ac x 1,200 X  VIEW 17.500 ac  17.500 ac	EX. Units Lng		Map: 000010 Lot: 000004 Sub: 0
200  Adj Site Road DWay Topography Cor 90 70 95 90 95 MILD 9 94 90 ROLLING 10 IDE, TOP 50, CLOSE/NEAR 7	VAC; WOODED; LOT 2 PLAN #2343; EXISTING FRONTAGE WET = 25' ROW ACC ACROSS 10-4-19; VU PER MLS PICS=PART BLOCKED;  EXTRA FEATURES VALUATION  EXTRA FEATURES VALUATION  Cond Market Value Notes	Date         Book         Page         Type         Price Grantor           08/26/2014         4079         0034         Q V         52,533 PAULS, BARBARA A	000005 Card: 1 of 1 ROWENTOWN RD  SALES HISTORY
Site: UNDEVELOPED Driveway: UNDEVELOPED Road: GRAVEL/DIRT         nd       Ad Valorem       SPI       R       Tax Value       Notes         5       18,500       0       N       18,500       ROW ACC         0       16,800       0       N       16,800         0       17,000       17,000       MTS/D50/WID/CLS/VU         52,300       52,300       52,300	MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$0 Parcel Total: \$50,200  Parcel Total: \$50,200	Page 187	WENTWORTH Printed: 08/16/2016 PICTURE

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Zone: RES         Minimum Acreage: 1.00         Minimum Fro           Land Type         Units         Base Rate           FARM LAND         1.000 ac         38,000           FARM LAND         3.200 ac         x 1,200           UNMNGD OTHER         6.200 ac         x 1,200           UNMNGD OTHER         200,000 ff         x 30           UNMNGD OTHER         11.600 ac         x 30	Type Units 1	Map: 000012 Lot: 000001 Sub:  OWNER INFORMATION  CONKEY, HOLLY J  PO BOX 71  RUMNEY, NH 03266  LISTING HISTORY  12/02/15 KCYL VER SALE 01/18/13 ERVL 09/20/11 TNFR 07/21/09 MI 01/15/02 RTRM
NC         Adj         Site         Road         DWay         Topography         Con           D         90         70         95         90         95 MILD         10           X         96         90 ROLLING         10         10           X         96         90 ROLLING         10         10           X         96         100 LEVEL         1         1           D         90         100 LEVEL         1         1	EXTRA FEATURES VALUATION  Units Lngth x Width Size Adj Rate Cond Market Value Notes	CROSS RD   SALES HISTORY
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WENTWORTH Printed: 08/16/2016	CROSS RD	0004 Card: 1 of 1	Map: 000012 Lot: 000001 Sub: 000004	Map:

Zone: RES         Minimum Acreage:         1.00         Minimum Frontage:           Land Type         Units         Base Rate         NC           1F RES WTRFRNT         1.000 ac         38,000 E         8           1F RES WTRFRNT         1.020 ac         x 1,200 X         1,200 X           2.020 ac         2.020 ac         x 10,000 X	LISTING HISTORY	3 Sub: 0 ON AGEMENT L
200  Adj Site Road DWay Topography Cond Ad 100 70 100 90 95 MILD 80 100 90 ROLLING 100 100 10	LOT 2, PLAN 11942; 180' =/- WF ON BAKER RIVER S. BRANCH; ROAD BISECTS WF. VACANT; WOODED; SLOPING; VIEW POTENTIAL; 1/13 STREAM RUNS THRU LOT; REMOVED CARPORT; 4/16; LOT BEING CLEARED FOR POSS DEVELOPMENT; CK'17;  EXTRA FEATURES VALUATION  EXTRA FEATURES VALUATION  Langth x Width Size Adj Rate Cond Market Value Notes	Date         Book         Page         Type         Price Grantor           12/02/2004         3081         677         U V 12         99,000 PERSON, JOHN    NORTH DORCHESTER RD  NORTH DORCHESTER RD  NORTH DORCHESTER RD  NORTH DORCHESTER RD  NORTH DORCHESTER RD
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Land Type		Feature Type  Units Ln	This	12/02/15 KCVL VER SALE 01/10/13 ERVL 09/20/11 TNFR 01/24/02 RDRL	LISTING HISTORY	BILLERICA, MA 01821-3103	7 JOBE LANE	NEWCOMB, CHRISTOPHER M	Map: 000013 Lot: 000003 Sub:
Adj Site Road DWay Topography Co 100 70 95 90 95 MILD 10 100 90 ROLLING 10 JUNIEL, TOP 25, DISTANT 6	LAND VALUATION	Units Light x Width Size Adj Kate Cond Market Value Notes	Deta Carl	TTRA REATURES VALUATION	NOTES			Date         Book         Page         Type         Price Grantor           03/10/2015         4114         0373         Q V         34,000 MELLO, EDWARD & GAIL	000016 Card: 1 of 1 CHEEVER RD SALES HISTORY
Site: UNDEVELOPED Driveway: UNDEVELOPED Road: GRAVEL/DIRT           nd         Ad Valorem         SPI         R         Tax Value         Notes           0         21,600         0         N         21,600           0         8,700         0         N         8,700           0         4,000         9rt blckd vu est         34,300         34,300		### WENTWORTH ASSESSING OFFICE    PARCEL TOTAL TAXABLE VALUE	MCMCH AL SOFT WANE DI AVITAN	MINICIPAL SOFTWARE RV AVITAR		Pa	ge 193		WENTWORTH Printed: 08/16/2016 PICTURE

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Printed: 08/16/2016	WENTWORTH	ĩ	IER		NORTH DORCHESTER RD	ZOR:		1 of 1	Card: 1 of 1	$\overline{}$	<b>)</b> 26	Sub: 000026	Sub:		<u> </u>	Lot: 000003	Ľ	<u> </u>	Map: 000013	Map
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200  Adj Site Road DWay Topography Cov 100 70 95 90 95 MILD 10 96 90 ROLLING 7 100	ALSO FRNTS ON NO DORCHESTER RD; 1/13 VAC; WOODED; WET; CHEEVER RD GRAVEL, NO DORCHESTER RD PAVED;  EXTRA FEATURES VALUATION  Units Lngth x Width Size Adj Rate Cond Market Value Notes	Card: 1 of 1   CHEEVER RD
Site: UNDEVELOPED Driveway: UNDEVELOPED Road: GRAVEL/DIRT         nd       Ad Valorem       SPI       R       Tax Value       Notes         0       21,600       80       N       48         0       7,300       80       N       480       WETAREAS         0       0       N       0       DEED RESTRICTION         28,900       528	MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$0 \$0 \$501  Parcel Total: \$501	PICTURE PICTURE  Page 199

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#### Sales Analysis Results Wentworth -- 06/23/2016

	Sales Analy	ysis Statistics	
Number of Sales:	21	Mean Sales Ratio:	0.9900
Minimum Sales Ratio:	0.8600	Median Sales Ratio:	0.9919
Maximum Sales Ratio:	1.1876	Standard Deviation:	0.0694
Aggregate Sales Ratio:	0.9920	Coefficient of Dispersion:	4.7262
		Price Related Differential:	0.9980
	Salas Anal	vsis Critaria	

#### Sales Analysis Criteria

Sold: 4/1/2014 - 06/23/2016 Sale Ratios: 0.000 - 999.999

Building Value: 0 - 99999999 Bldg Eff. Area: 0 - 99999999

Land Value: 0 - 99999999 Land Use: ALL

Current Use CR: 0 - 99999999 Acres: 0 - 99999999

Year Built: 1600 - 2016 Trend: 0.000% Prior to 06/23/2016

Story Height: ALL Neighborhood: ALL

Base Rate: ALL Zone: ALL

Qualified: YES Unqualified: NO

Improved: YES Vacant: NO

View: All Waterfront: All

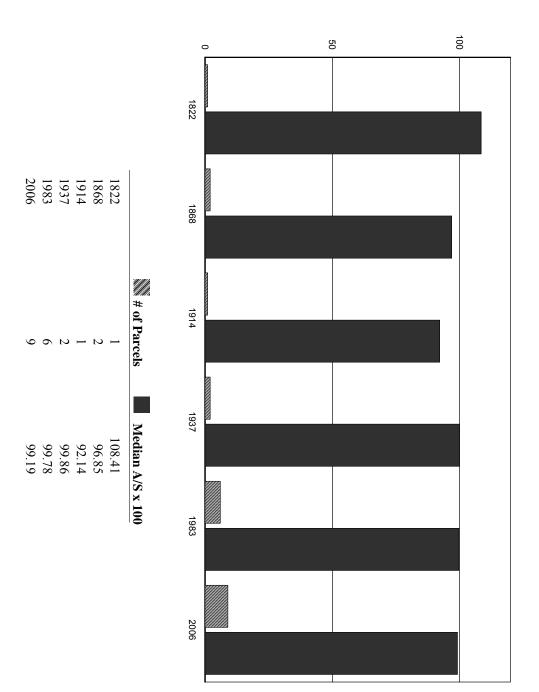
Include Comm./Ind./Util.: YES

#### Wentworth Sales Analysis Report

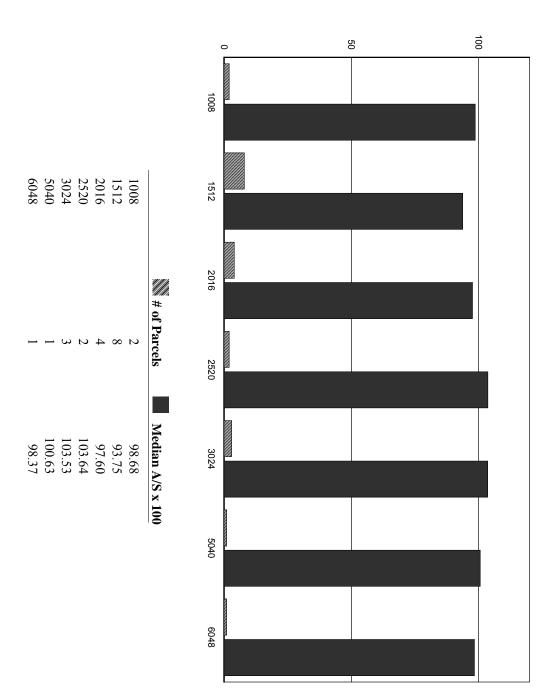
11												
Ō	§ 162.200	Q SNOGREN, REV DORRAINE	\$ 140,500 I 11/18/2015	\$ 139,933	E RSA A 1,676	R1	6.00	O1	000012 000003 000009 01 162 DOM CASH - 1 PRIOR LISTING;	000003 1 CASH - 1		1.004
Õ	\$ 250,800	Q CHILDERS, MICHAEL J	\$ 243,300 I 10/21/2014	\$ 235,000	E RSA B 2,728	R1	4.52	01	000011	000001	000012	1.035
Õ	\$ 135,000	Q MUZZEY, ROBERT W	\$ 129,000 I 03/30/2016	\$ 140,000	E RSA B 1,114	R1	13.60	01	000012	000005	000011	0.921
ΙÓ	\$ 96,900	CELINO, DEBORAH	\$ 86,700 I 02/02/2015	\$ 87,500	E RSA A 857	R1	1.02	01	000009	000005		0.991
ΙÓ	\$ 190,200	TOEPEL, MICHELLE	\$ 192,200 I 07/13/2015	\$ 192,000	E RSA C 2,072	R1A	2.46 I	01	000036	000004		1.001
Ő	\$ 135,400	COTE, LANCE M	\$ 137,700 I 05/20/2016	\$ 137,000	D RSA D 1,454	RIW	14.44 F	01	000002	000001	000011	1.005
ΙÓ	\$ 104,900	Q MARSHALL, ALFRED R	\$ 103,200 I 06/17/2016	\$ 120,000	D MHD A 1,392	R1	5.00	01	000016	000001	000010	0.860
Õ	\$ 151,300	Q DUNCAN, PETER W	\$ 166,100 I 06/30/2014	\$ 180,000	D RSA B 1,544	R1	5.10	01	000010	000001	000010	0.923
Õ	\$ 137,800	Q RIZZA, ANTONIO	\$ 115,400 I 07/28/2014	\$ 115,533	D RSA A 1,549	R1	1.29	01	000010	000011	800000	0.999
Õ	\$ 233,700	Q MICHAUD, G. BRUCE	\$ 112,700 I 04/03/2015	\$ 112,000	E RSM D 4,730	R2	0.36	01	000008	000007	800000	1.006
Õ	\$ 119,200	Q CREPEAU, JOHN P & JOYC	\$ 88,900 I 07/25/2014	\$ 82,000	E RSA B 1,474	R1	0.23	01	000011	000002	800000	1.084
Õ	\$ 217,000	Q KELLEY, MARJORIE L	\$ 122,900 I 05/27/2016	\$ 124,933	E RSM E 5,917	R2	1.39	01	000009	000002	000008	0.984
Ő	\$ 187,000	ELLIOTT, SCOTT J	\$ 170,400 I 11/10/2014	\$ 159,000	E RSA B 2,078	R1	2.30	01	000002	000006	000005	1.072
ΙÓ	\$ 205,000	WIRTES, NANCY E. CAMPB	\$ 201,900 I 08/10/2015	\$ 170,000	E RSA B 2,540	R1	1.10	01	00011A	000005	000005	1.188
ΙÓ	\$ 58,800	Q GRIFFITH, MATTHEW	\$ 61,800 I 04/07/2014	\$ 62,000	RSA 1,20	RIA	0.49 I	01	000010	000003		0.997
Ő	\$ 152,000	Q BRADLEY, JOHN G	\$ 132,500 I 08/13/2014	\$ 139,000	E RSA C 1,805	R1	0.52	01	000009	000006	000004	0.953
Ő	\$ 56,900	Q WHITE, WILLIAM	\$ 73,700 I 10/15/2015	\$ 75,000	D RSA B	R1	3.10	01	000008	000003	000004 NO MLS	0.983
Õ	A \$ 155,500	Q LAFLAMME, ANNEMARIE A	\$ 158,300 I 09/02/2014	\$ 171,400	G RSA B 1,364	R1	8.20	01	000008	000003	000001 9 DOM	0.924
ΙÓ	\$ 308,900	Q MUZZEY, DOUGLAS W	\$ 426,500 I 02/04/2015	\$ 430,000	G RSA C 2,792	R1	83.70	01	00011A	000002		0.992
Õ	\$ 68,800	Q WESNOSKI III, STEPHEN	\$ 66,600 I 10/26/2015	\$ 70,000	E MHS A 1,032	R1	2.00	01	000001	000002	000001	0.951
Ħ	Prior Year Assessment	Q Unqualified Description Grantor	Assessment I Sale Date	Sale Price	NC BR SH Eff. Area	LC	Acres	Zone	Sub	Lot	Map Sale Note	Ratio

		0.917		Ratio
		0.917 000013	Sale Note	Map
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		Ι		Ι
	BROWN, JAMES A	Q	Grantor	Q Unqualified Description
	\$ 141,900		Prior Year Assessment	
204	1			

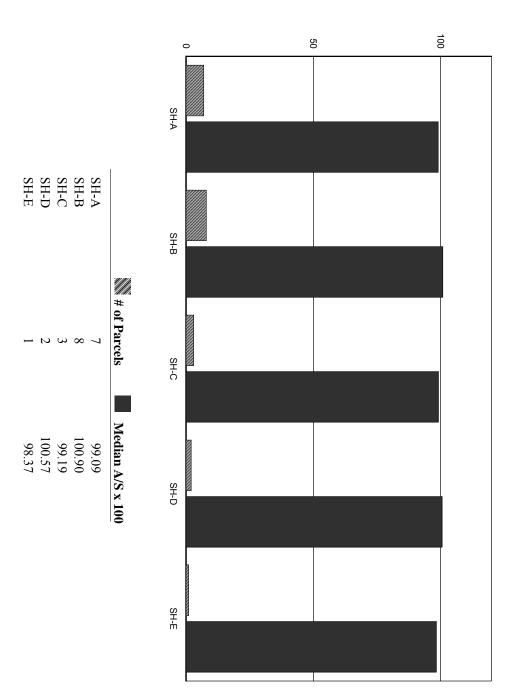
# Wentworth: Median A/S Ratio by Year of Construction



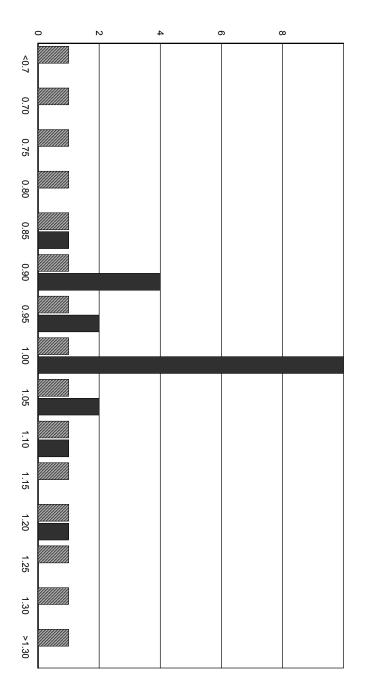
# Wentworth: Median A/S Ratio by Effective Area



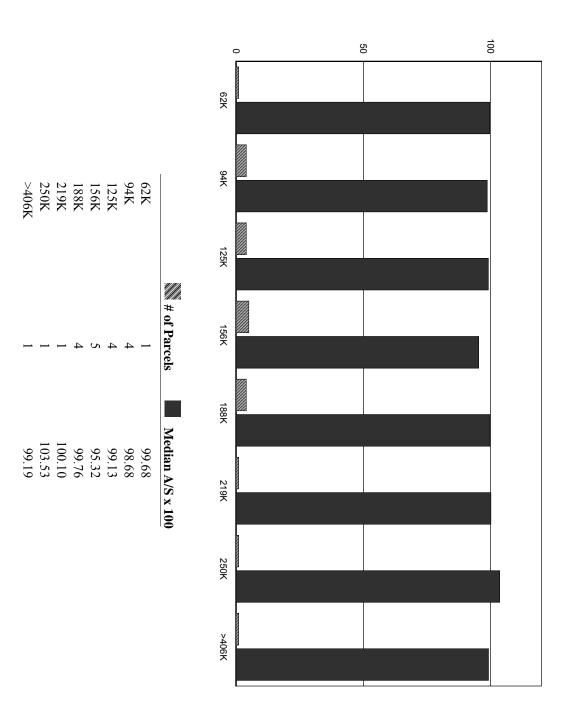
# Wentworth: Median A/S Ratio by Story Height



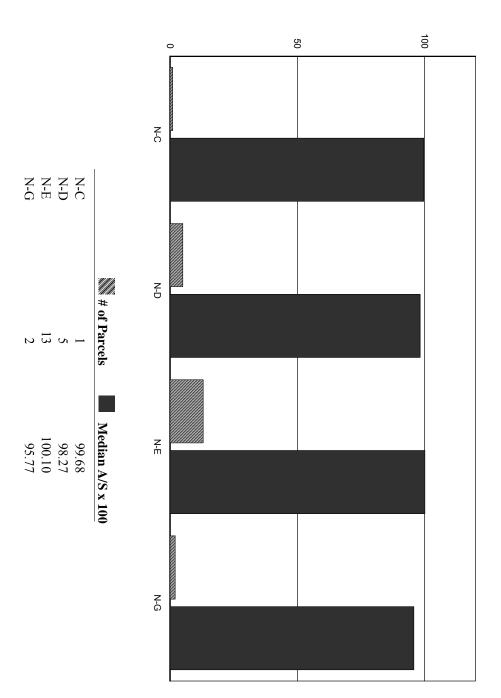
#### Wentworth: Distribution of Sale Ratios



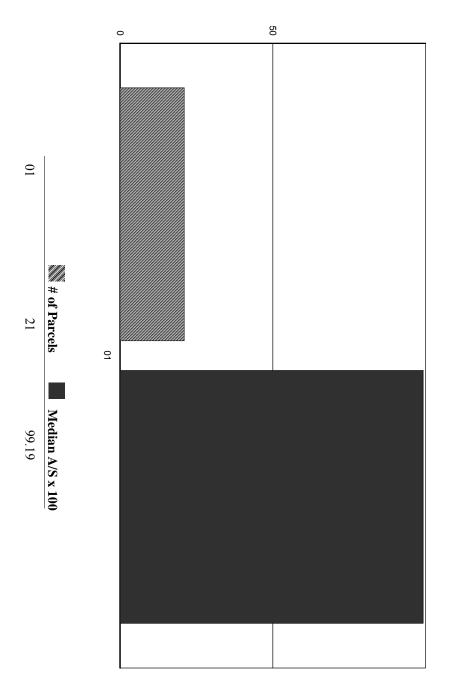
## Wentworth: Median A/S Ratio by Sale Price



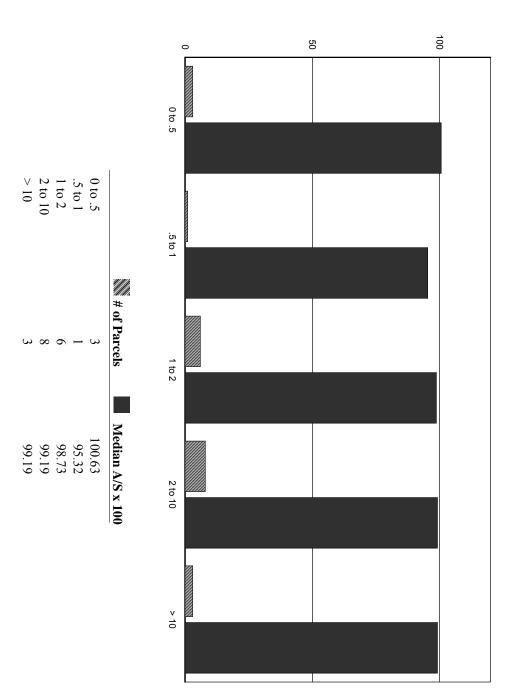
# Wentworth: Median A/S Ratio by Neighborhood



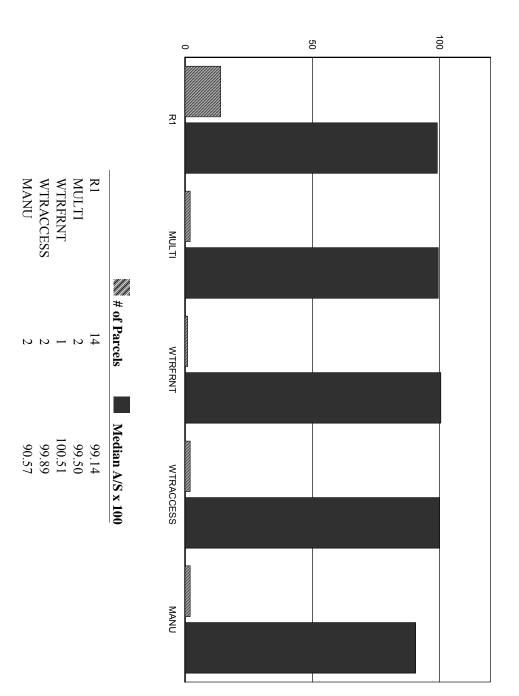
#### Wentworth: Median A/S Ratio by Zone



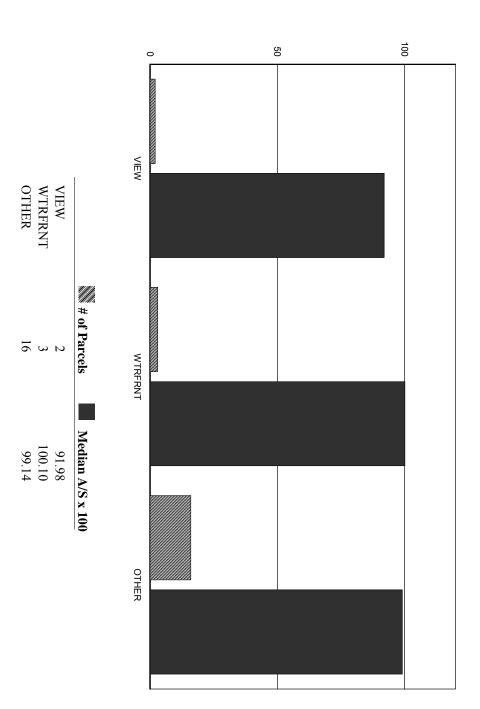
### Wentworth: Median A/S Ratio by Acreage



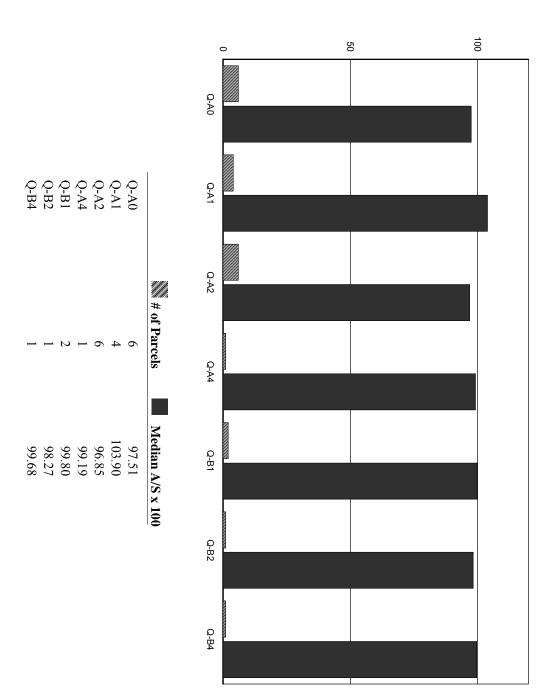
## Wentworth: Median A/S Ratio by Improved Use



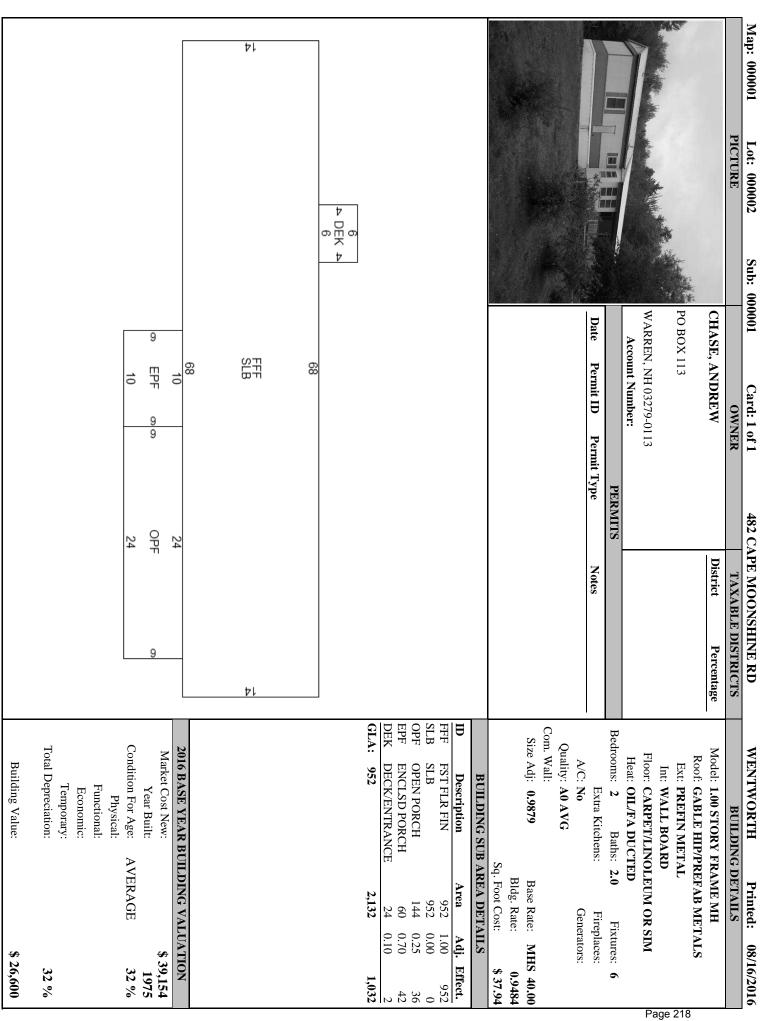
## Wentworth: Median A/S Ratio for Views/Waterfront/Other



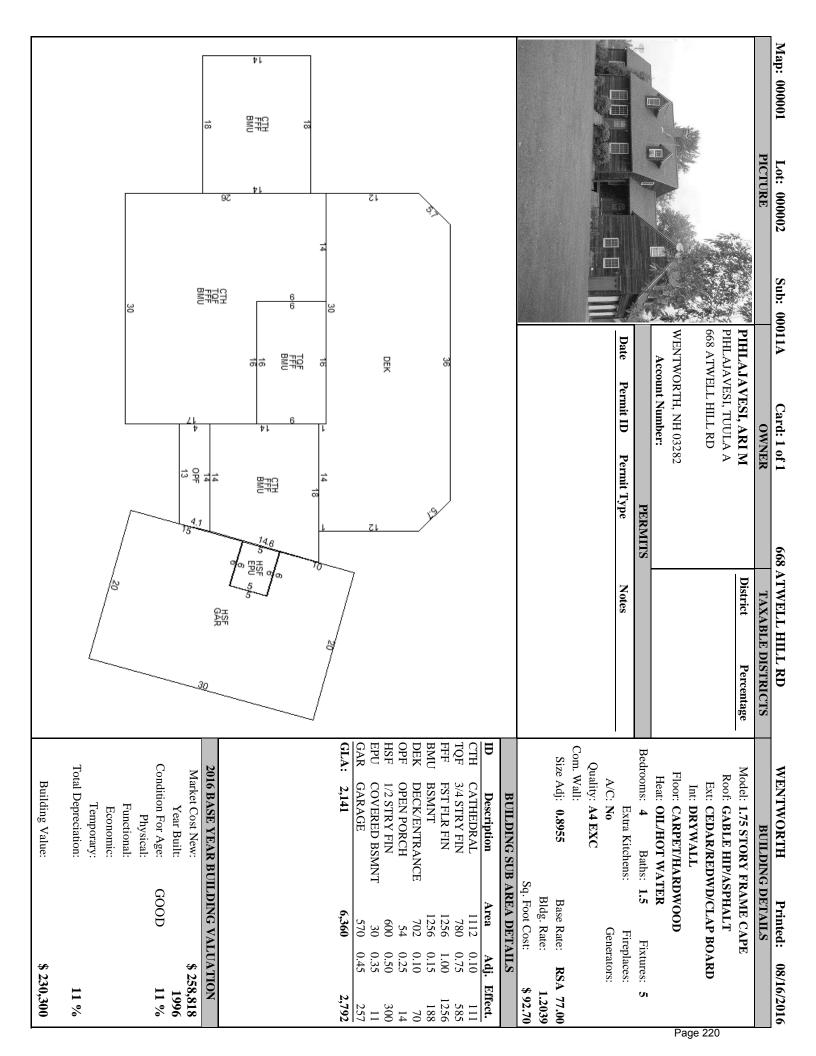
## Wentworth: Median A/S Ratio by Building Quality



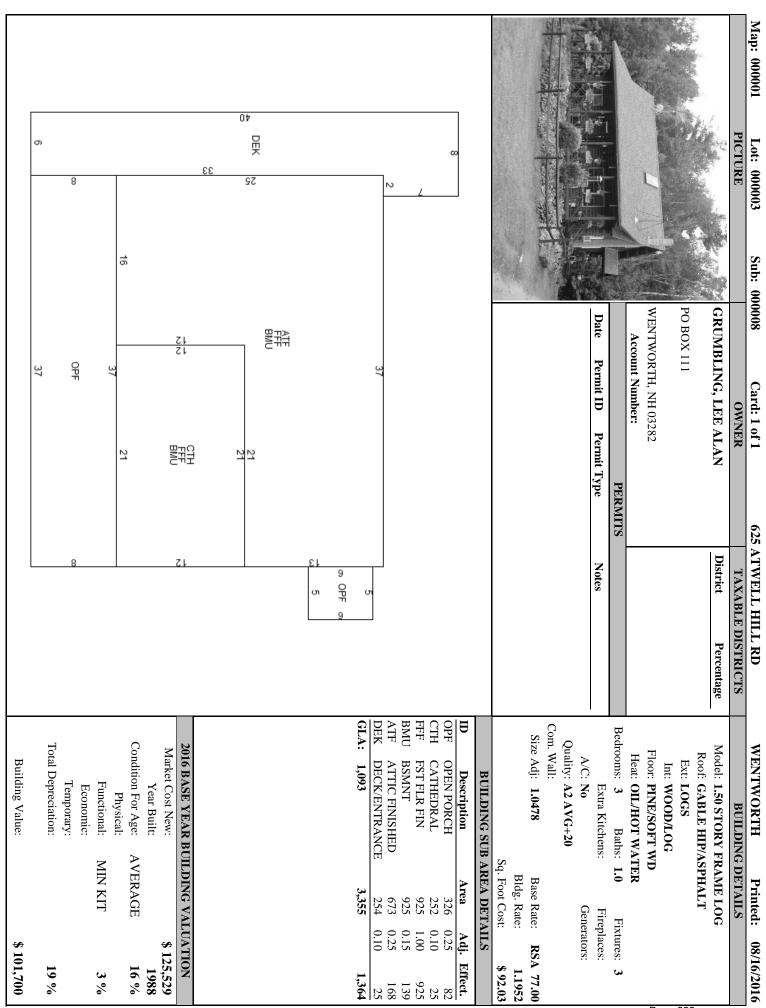
Zone: RES   Minimum Acreage: 1.00   Minimum Fro	Feature Type Units Lng GARAGE-1 STY 320	CHASE, ANDREW  PO BOX 113  WARREN, NH 03279-0113  LISTING HISTORY  12/03/15 KCVM VER SALE 01/08/13 DMVL 09/12/11 MIFR 08/25/11 JDRL 06/18/07 KSRM 01/02/02 DPRL	Map: 000001 Lot: 000002 Sub:
NC       Adj       Site       Road       DWay       Topography       Cond       Ad Valorer         DE       100       100       95       100       95 MILD       100       34,30         DX       100       90 ROLLING       100       1,10         35,40	EXTRA FEATURES VALUATION  Units Lngth x Width Size Adj Rate Cond Market Value Notes  320 16 x 20 110 22.00 60 4,646  4,600	Date         Book         Page         Type         Price Grantor           10/26/2015         4166         0658         Q1         70,000 WESNOSKI III, STEPHEN B           02/10/2015         U181         1 PHILLIPS PROBATE           NOTES           MH SITS ON CEMENT PAD: 1/13 CHANGED ROOF COVER & DEK TO OPF & CRL TO SLB; 12/15 NOH; CK17 FOR POSS BACK DECK;	000001 Card: 1 of 1 482 CAPE MOONSHINE RD SALES HISTORY
Site: AVERAGE Driveway: PAVED Road: GRAVEL/DIRT  n SPI R Tax Value Notes  0 0 N 34,300  0 0 N 1,100  0 35,400	WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$ 28,000 \$ 5,100 \$ 35,700 Parcel Total: \$ 68,800 2015 \$ 28,000 \$ 5,100 \$ 35,700 Parcel Total: \$ 68,800 2016 \$ 26,600 \$ 4,600 \$ 35,400 Parcel Total: \$ 66,600	Page 217	WENTWORTH & Printed: 08/16/2016



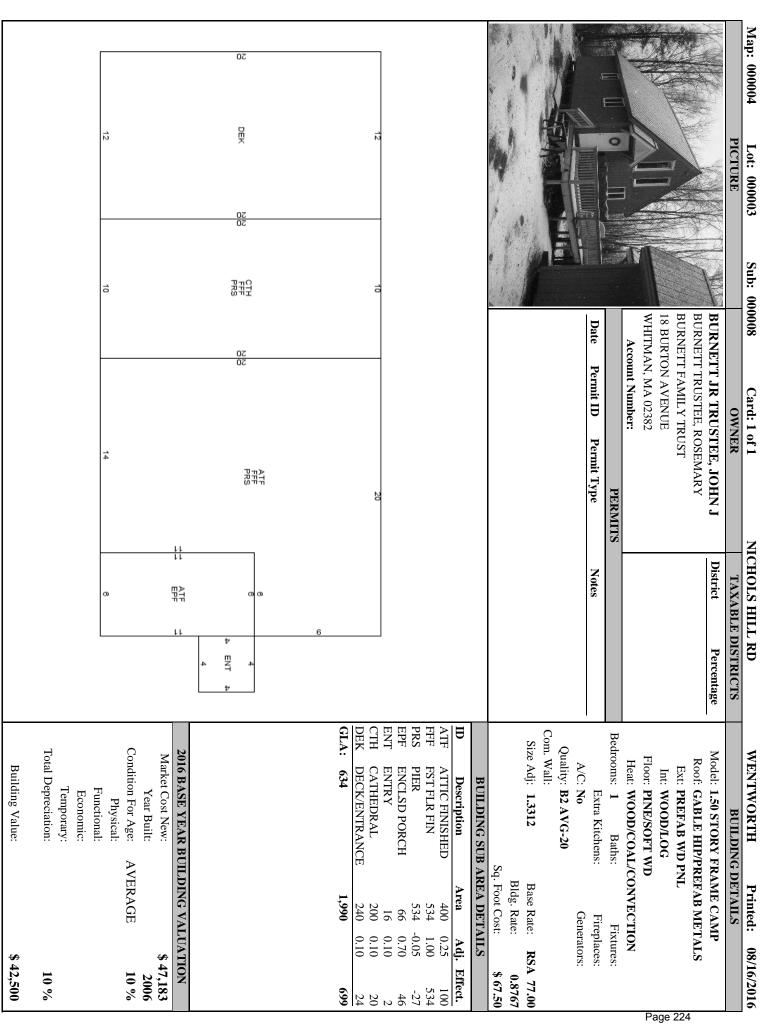
OWNER INFORMATION PIHLAJAVESI, ARI M PIHLAJAVESI, TUULA A 668 ATWELL HILL RD	Date         Book         Page           02/04/2015         4109         0554           03/03/2010         3684         0087	Type Price Grantor Q1 430,000 MUZZEY, DOUGLAS W U138 MUZZEY, DOUGLAS W	IS W
668 ATWELL HILL RD WENTWORTH, NH 03282			
LISTING HISTORY		NOTES	
04/20/16 KCPM SAUNA 12/03/15 KCVL VER SALE 06/10/14 MSAR INSP BMU ONLY 01/09/13 DMVX 09/12/11 MIFR 08/25/11 JDRM	BRN; 6/14 CORR BMF TO BMU & CRL TO ECLAPBD; 12/15 OAK/CORIAN KIT; ORIG IN TILE-MOST HDWD; P&B PEGGED; HSF=9;	BRN; 6/14 CORR BMF TO BMU & CRL TO BMU; SIDING=CEDAR & SPRUCE CLAPBD; 12/15 OAK/CORIAN KIT; ORIG INT-WELL KEPT; 1 RM=HD TILE-MOST HDWD; P&B PEGGED; HSF=9';	SPRUCE ID
	EXTO A FEATINES VALUE	NOTION	MIN
Feature Type	Units Lngth x Width Size Adj Rate	Rate Cond Market Value Notes	WENTWORTH A SCESSING
BARN/ISTY/LOFT GARAGE-1 STY FIREPLACE - 1 STAND	36 x 48 69 20 x 40 80	.00 200 42,924 .00 100 14,080 .00 100 3,000	
SHED-EQUIPMENT SHED-WOOD			PARCEL TOTAL TAXABLE VALUE           Year         Building         Features           2014         \$ 181,900         \$ 27,600         \$ 40           Parcel Total:         \$ 250           2015         \$ 181,900         \$ 27,600         \$ 40
		LAND VALUATION	2016 \$ 230,300
Zone: RES Minimum Acreage: 1.00	Minimum Frontage: 200	ı	Site: VERY GOOD Driveway: GRAVEL/DIRT Road: GRAVEL/DIRT
Land Type Units	Base Rate NC Adj Site 1	Road DWay Topography Cond A	Ad Valorem SPI R Tax Value Notes
	38,000 G 120 110 v 1 200 Y 78	95 100 LEVEL 100	
LAND	x 1,200 X		30
HER 6	x 1,200 X	ดี	0
UNPRODUCTIVE 8.000 ac FARM I AND 600 000 ff	x 1,200 X		
	x 1,200 X	95 MILD 100	0
			131 300 48 304



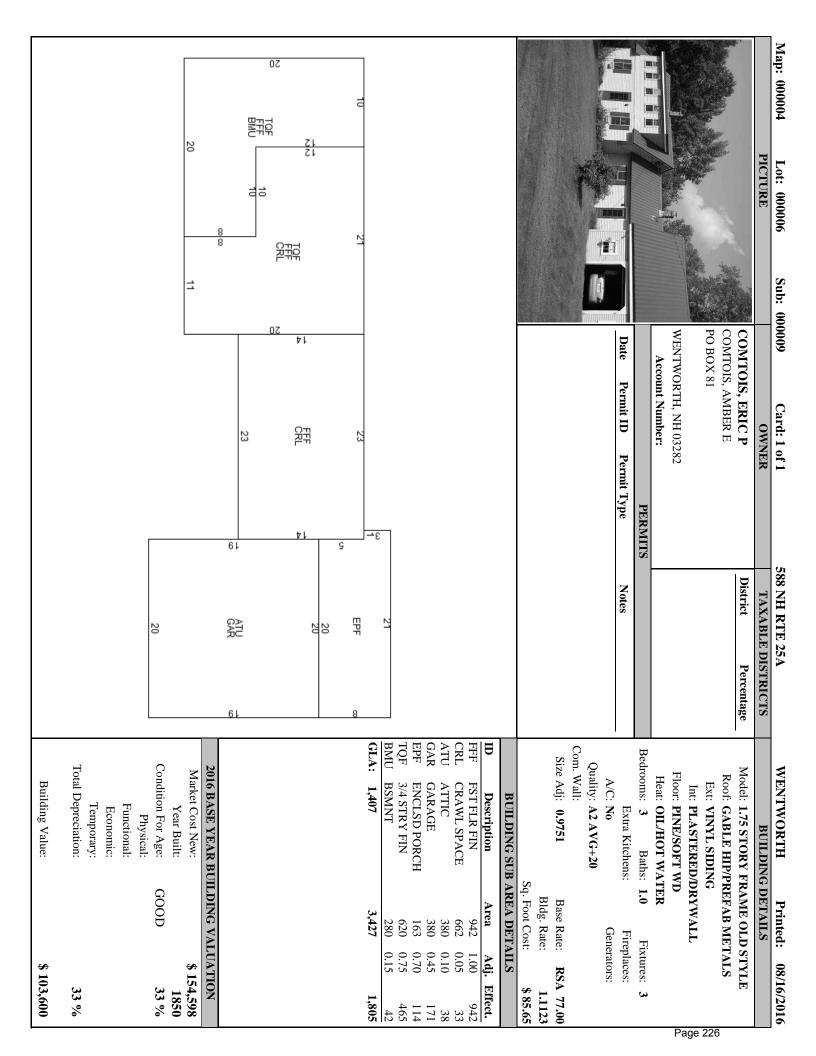
Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC  IF RES 1.000 ac 38,000 G  IF RES 7.200 ac x 1,200 X  IF RES 200.000 ff x 30 G  8.200 ac	Feature Type Units Lng	GRUMBLING, LEE ALAN  PO BOX 111  WENTWORTH, NH 03282  LISTING HISTORY  12/03/15 KCVL V-SALE 01/09/13 DMVL 09/12/11 MIFR 08/23/11 JDRL 06/21/07 KSRL 01/09/02 RDRM  EX	Sub:
200  Adj Site Road DWay Topography Cond Ad 120 100 95 95 100LEVEL 100 100 95 MILD 100 120 100 95 95 MILD 100	Units Lngth x Width Size Adj Rate Cond Market Value Notes  LAND VALUATION	Date Book Page Type Price Grantor 09/02/2014 4080 0478 Q1 171,400 LAFLAMME, ANNEMARIE A  NOTES  NATURAL; MIN. KIT, NO UPPER CABINETS; WOOD WALLS=KNOTTY PINE; 1 BDRM IN ATF; ORIG KIT & BTH; PORCH CEILING TO REMAIN UNFIN; 1/13 ATF MEAS 8; LOT 3A PLAN #2903; 12/15 NO UPDATES; ATF FLR=PINE SUBFLR; LAM/LAM KIT; P&B  EXTRA FEATURES VALUATION	000008 Card: 1 of 1 625 ATWELL HILL RD
Site: AVERAGE         Driveway: GRAVEL/DIRT Road: GRAVEL/DIRT           Valorem         SPI         R         Tax Value         Notes           41,200         0         N         41,200           8,200         0         N         7,200           7,200         0         N         7,200           56,600         56,600         56,600	### WENTWORTH ASSESSING OFFICE    PARCEL TOTAL TAXABLE VALUE	MUNICIPAL SOFTWARE BY AVITAR Page 221	WENTWORTH Printed: 08/16/2016



Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC  1F RES 1.000 ac 38,000 D  2.100 ac x 1,200 X  3.100 ac  3.100 ac		Feature Type Units Lng SHED-WOOD 320	12/03/15 KCVM VER SALE 01/14/13 DMVM 09/19/11 TNFR 09/12/11 EBRM 04/29/08 KSPU 06/20/07 KSRM 01/09/02 ETRL		Map: 000004 Lot: 000003 Sub:
200  Adj Site Road DWay Topography Cond Ad 90 90 95 95 95 MILD 100 100 90 ROLLING 100	2,500  LAND VALUATION	Units Lngth x Width Size Adj Rate Cond Market Value Notes 320 20 x 16 110 7.00 100 2,464 YB=2008;	BRN; 06 NEW CAMP BUILT-NO ELEC OR PLUMB; 1/13 NOH; DNPU OUTHSE; PU (2) ENTS & CORR SHED SIZE; 12/15 NOH; ADD DECK & OPF TO EPF AFTER SALE;	Date         Book         Page         Type         Price Grantor           10/15/2015         4164         0446         Q I         75,000         WHITE, WILLIAM	000008 Card: 1 of 1 NICHOLS HILL RD  SALES HISTORY
Site: NATURAL Driveway: GRAVEL/DIRT Road: GRAVEL/DIRT         Valorem SPI R       Tax Value Notes         26,400       0 N       26,400         2,300       0 N       2,300         28,700       28,700       28,700	VERT PARCEL TOTAL TAXABLE VALUE         Year       Building       Features       Land         2014       \$ 23,800       \$ 2,500       \$ 30,600         Parcel Total:       \$ 56,900         2015       \$ 23,800       \$ 2,500       \$ 30,600         Parcel Total:       \$ 56,900         2016       \$ 42,500       \$ 2,500       \$ 28,700         Parcel Total:       \$ 73,700	MUNICIPAL SOFTWARE BY AVITAR WENTWORTH ASSESSING		Page 223	WENTWORTH Printed: 08/16/2016 PICTURE



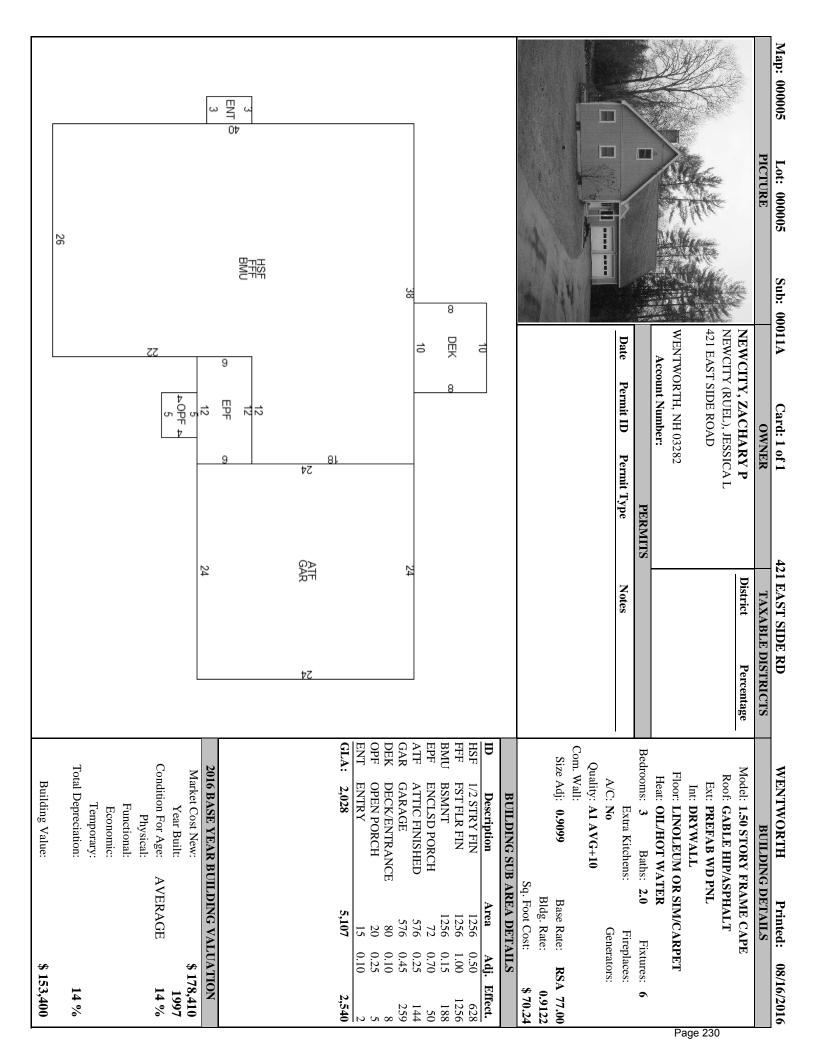
Zone: RES   Minimum Acreage: 1.00   Minimum Frontage: 200	SALE  EX  Units Lng  80	Map: 000004         Lot: 000006         Sub: 000009           OWNER INFORMATION           COMTOIS, ERIC P           COMTOIS, AMBER E         08/13/2014           PO BOX 81         05/04/2012           WENTWORTH, NH 03282         000009
Site         Road         DWay         Topography         Cond         Ad Valorer           100         100         95         95 MILD         100         27,40           27,40         27,40         27,40	NOTES  TAN; OVERALL GD COND FOR 1850 DWELLING; SOME RECENT UPDATES, KIT 80°S, BTHS 70°S; DRT FLR /PARTIAL BSMT W/SUMP PUMP; PLAN#6353; 1/13 NOH; NC; 5/15 ADD ATU OVER GAR PER INVENTORY; NOH; 12/15 INFO FR HO (MRS)-DNVI PER HO; 3/16 ATU OVER GAR & SHED AFTER SALE;  EXTRA FEATURES VALUATION  EXTRA FEATURES VALUATION  10 x 8 260 7.00 100 1,456 SAP HOUSE '15  1,500  LAND VALUATION	Card: 1 of 1       588 NH RTE 25A         SALES HISTORY         Book       Page       Type       Price Grantor         4076       0008       Q1       139,000 BRADLEY, JOHN G         3879       990       Q1       112,000 FORSETH, ROBERT A & VI
Site: AVERAGE Driveway: GRAVEL/DIRT Road: PAVED         n SPI R Tax Value Notes         0 0 N 27,400         0 27,400	MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$ 115,000 Parcel Total: \$ 150,100 Parcel Total: \$ 150,100 Parcel Total: \$ 152,000  2016 \$ 103,600 \$ 1,500 \$ 27,400 Parcel Total: \$ 132,500	WENTWORTH Printed: 08/16/2016  PICTURE  Page 2225



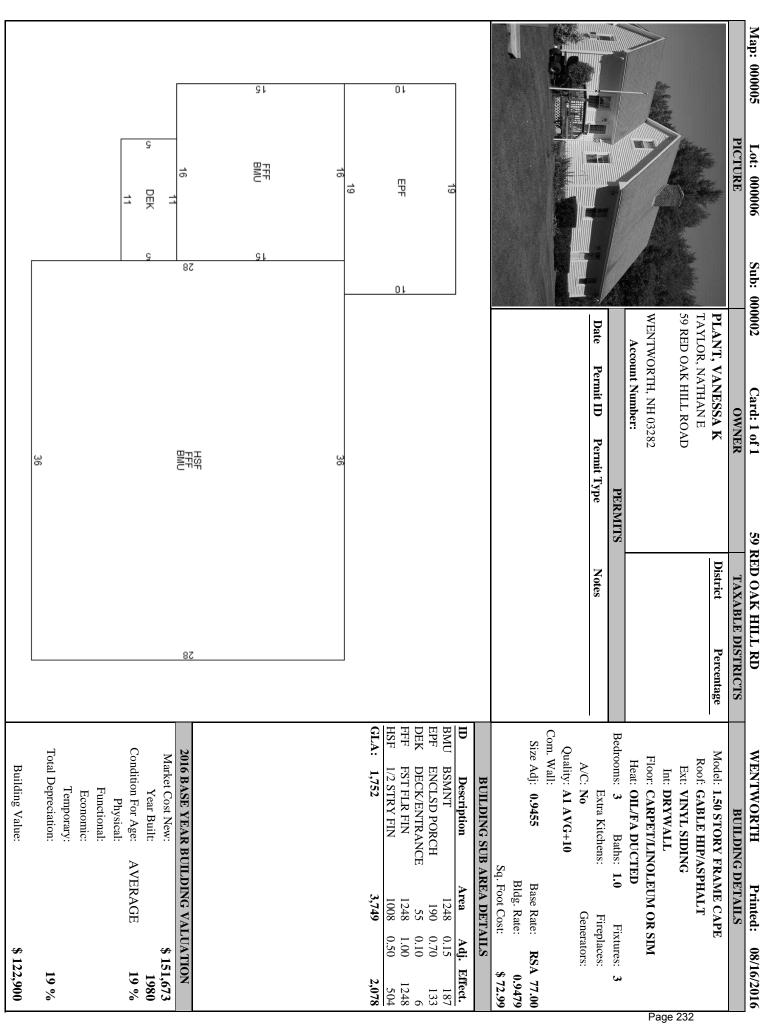
Zone: RES   Minimum Acreage: 1.00   Minimum Frontage: 200		Date   Book   Page   Type   10/16/2009   3562   0812   U1 44	Sub: 000010
Road DWay Topography Cond Ad Valorem SPI R 95 95 100 LEVEL 100 21,200 0 N 30 3,000 0 N 24,200	LAND VALUATION	Date   Book   Page   Type   Price Grantor	Card: 1 of 1 39 WOODHAVEN RD
Site: AVERAGE         Driveway: GRAVEL/DIRT         Road: GRAVEL/DIRT           Valorem         SPI         R         Tax Value         Notes           21,200         0         N         21,200         SHARED WF           24,200         24,200         SHARED WF         24,200		### PICTURE    MUNICIPAL SOFTWARE BY AVITAR	WENTWORTH Printed: 08/16/2016

According   Acco	2016 BASE YEAR BUILDING VAL  Market Cost New: Year Built: Condition For Age: FAIR Physical: Functional: SHARED H20 Economic: Temporary: Total Depreciation:		
## A88 CHAPEL ST    APT 5	2016 BASE YEAR BUILDING VAL  Market Cost New: Year Built: Condition For Age: FAIR Physical: Functional: SHARED H20		
488 CHAPEL ST  APT 5  NEW HAVEN, CT 06511  Account Number:  PERMITS  Date Permit ID Permit Type Notes  Con Si  FFF PRS  FFF PRS  GIA  GIA  GIA  GIA  GIA  GIA  GIA  GI	2016 BASE YEAR BUILDING VAL  Market Cost New:  Year Built:  Condition For Age: FAIR		
488 CHAPEL ST  APT 5  NEW HAVEN, CT 06511  Account Number:  PERMITS  Date Permit ID Permit Type Notes  Con Si  FFF PRS  FFF PRS  GIA  GIA  GIA  GIA  GIA  GIA  GIA  GI	2016 BASE YEAR BUILDING VAL  Market Cost New:  Year Built:	1ε	
## 488 CHAPEL ST  APT 5  NEW HAVEN CT 065111  Account Number: PERMITS    Date   Permit ID   Permit Type   Notes	2016 BASE YEAR BUILDING VAL		
## 488 CHAPEL ST  APT 5  NEW HAVEN , CT 065111  Account Number:    PERMITS   PERMITS   PERMITS	2016 BASE YEAR BUILDING VAL		
### AB CHAPEL ST   APT 5			2
## CHAPEL ST    APT 5	1,184 2,700	32 32	32
APEL ST	FST FLR FIN 1184 PIER 1184 ENTRY 12		01
APEL ST	OPEN PORCH 320	32	
HAPEL ST	Description Area	30	
APEL ST	BUILDING SUB AREA DETA		
Roof: GABLE HIP/ASPHALT	Sq. Foot Cost:		
APEL ST	_		
Roof: GABLE HIP/ASPHALT	Quality: <b>B4 AVG-40</b> Com. Wall:		
HAPEL ST  HAPEL ST  Ext: AVERAGE  Int: WOOD/LOG/DRYWALL  Heat: WOOD/COAL/CONVECT  CCOUNT Number:  PERMITS  Bedrooms: 2  Bedrooms: 2  Baths: 1.0  Extra Kitchens: Fi	A/C: No	a canno a y pe	
Roof: GABLE HIP/ASPHALT	Extra Kitchens:	Permit ID Permit Type	
HAPEL ST  HAVEN, CT 06511	2 Baths: <b>1.0</b>		
JAVEN CTOSTI	Heat: WOOD/COAL/CONVECTION	Account Number:	
IAPEL ST	Int: WOOD/LOG/DRYWALL	API 5	
Roof: GABLE HIP/ASPHALT	Ext: AVERAGE	488 CHAPEL ST	
RITZ, JUSTIN MICHAEL  DISTRICT Percentage  Model: 1.00 STORY FRAME RANCH	Percentage		
OWNER	ADLEDISINICIS	1	FICTORE

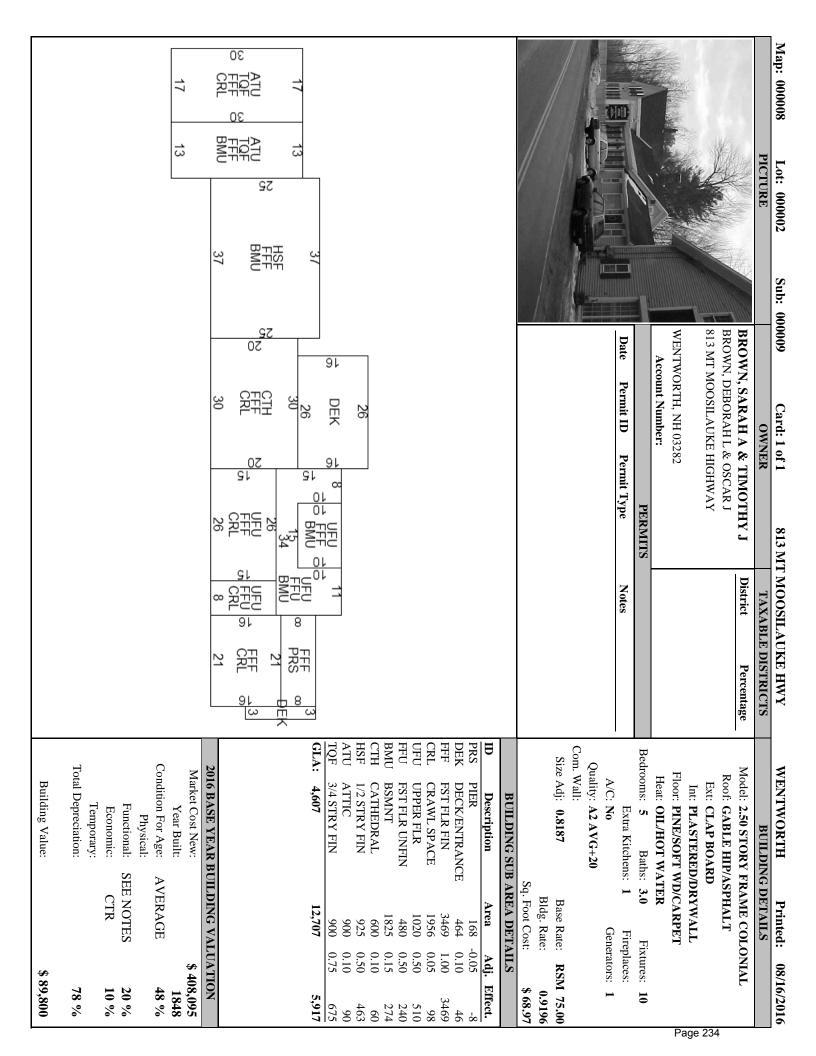
MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Parcel Total \$154,900 \$11,900 \$38,200 Parcel Total: \$205,000  2015 \$154,900 \$11,900 \$38,200 Parcel Total: \$205,000  2016 \$153,400 \$10,400 \$38,100 Parcel Total: \$201,900  Site: AVERAGE Driveway: PAVED Road: PAVED  O N 38,000 O N 100  38,100	Car COND; PLAN #8707; 12/15 INFO FR HO (MRS.); DNVI PER HO BAD TIME;	E
	ORY: ADJECTRY HGT: 2/13 DNVJ PER RAD TIME: EXT ONLY: PILENT ADJ	LIST
	NOTEC	WENTWORTH, NH 03282
	Date         Book         Page         Type         Price Grantor           08/10/2015         4149         0609         Q I         170,000         WIRTES, NANCY E.	NEWCITY, ZACHARY P NEWCITY (RUEL), JESSICA L 421 EAST SIDE ROAD
PICTURE	SALES HISTORY	VNER INFORMATION
WENTWOKIH Frinted: 08/16/2016	: UUULIA Card: 1 01 1 421 EASI SIDE NU	IVIAP. COCCOCC LOC. COCCOCC Cub.



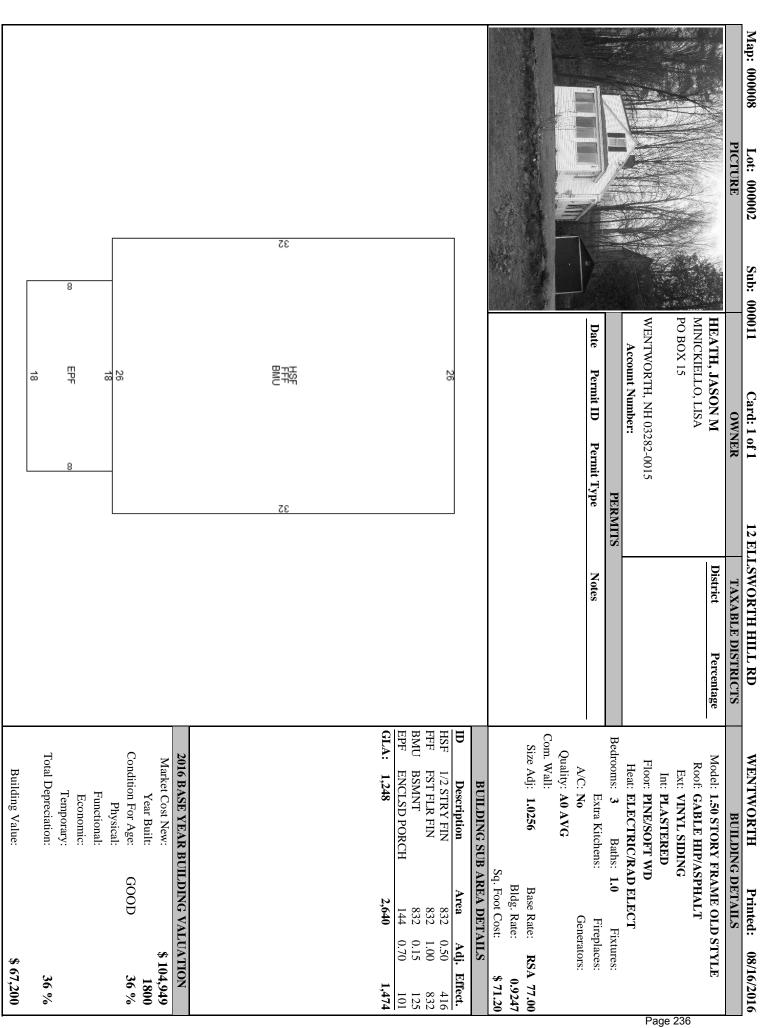
Zone: RES   Minimum Acreage: 1.00   Minimum Frontage: 200     Land Type   Units   Base Rate   NC   Adj   1.000 ac   38,000 E   1.000 ac   1.300 ac   x 1,200   X   100     2.300 ac     2.300 ac   2.300		TY 400 20 x 20 -1 STAND 1	Feature Type  Units Light x Width Size Adi Rate	EV.	LISTING HISTORY	OWNER INFORMATION  PLANT, VANESSA K  TAYLOR, NATHAN E 59 RED OAK HILL ROAD  WENTWORTH, NH 03282  Date Book 11/10/2014 4094 11/29/2001 2605	Map: 000005 Lot: 000006 Sub: 000002
Site Road DWay Topography Cond Ad Valorem SPI R  100 100 100 95 MILD 100 36,100 0 N 90 ROLLING 100 1,400 0 N 37,500	LAND VALUATION	22.00 80 3,000.00 100	Adi Rate Cond Market Value Notes	5/12 S ON ED;	NOTES	SALES HISTORY	Card: 1 of 1 59 RED OAK HILL RD
Site: AVERAGE Driveway: PAVED Road: PAVED PI R Tax Value Notes  0 N 36,100 0 N 1,400 37,500		#ENT WOKIH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$139,500 \$7,500 \$40,000  Parcel Total: \$187,000  2015 \$139,500 \$7,500 \$40,000  Parcel Total: \$187,000  Parcel Total: \$187,000  2016 \$122,900 \$10,000 \$37,500  Parcel Total: \$170,400	WENTWO DTH A SEESING	MINICIPAL SOFTWARE BY AVITAR		PICTURE Page 231	WENTWORTH & Printed: 08/16/2016



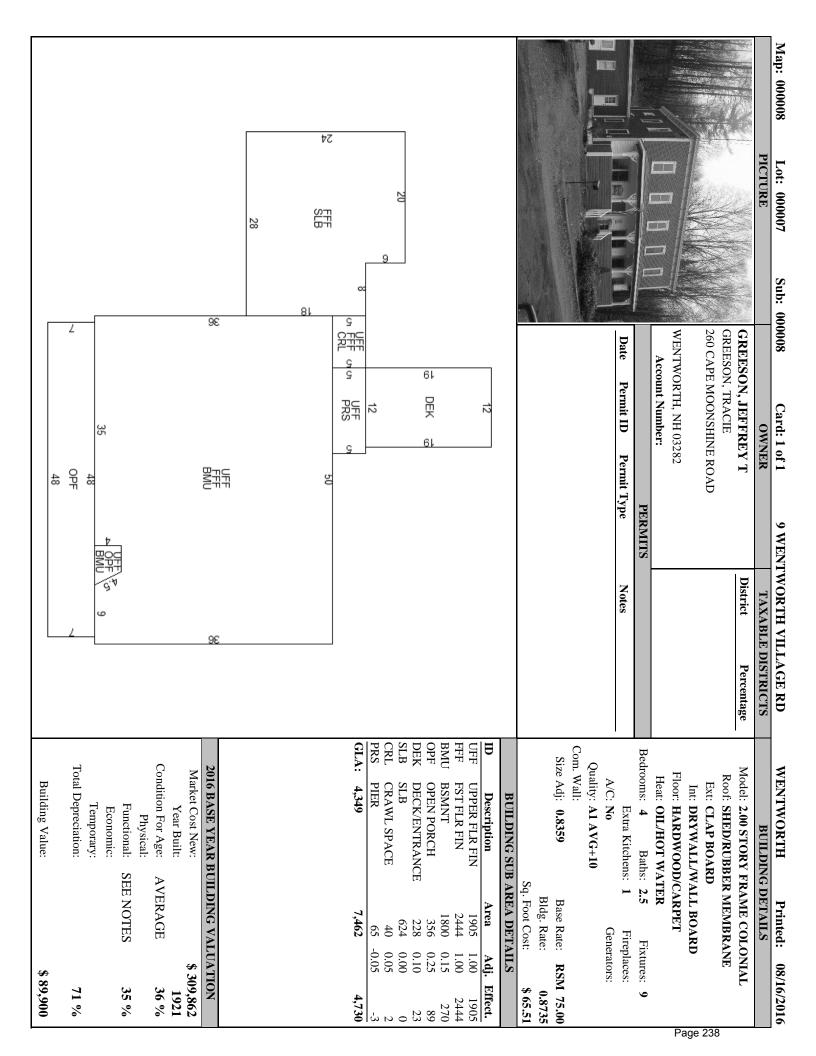
Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC  2F RES 1.000 ac 38,000 E  2F RES 0.390 ac x 1,200 X  1.390 ac	BROWN, SARAH A & TIMOTHY J  BROWN, DEBORAH L & OSCAR J  813 MT MOOSILAUKE HIGHWAY  WENTWORTH, NH 03282  LISTING HISTORY  05/13/15 KCPR 05/07/14 KCPM SHED 01/14/13 JBVL 09/13/11 MIFR 08/24/11 DJRL 03/11/08 KSRL 01/24/02 ETRL  Feature Type Units Lng FIREPLACE - 1 STAND 1 SHED-WOOD 100	Sub:
200  Adj Site Road DWay Topography Cond Ad Valorer 100 100 100 95 85 MODERATE 100 30,70 85 MODERATE 100 40 31,10	Date   Book   Page   Type   Price Grantor	)9 Card: 1 of 1 8 SALES HE
Site: AVERAGE Driveway: GRAVEL/DIRT Road: PAVED         n SPI R Tax Value Notes         0 0 N 30,700 STEEP TO REAR         0 0 N 400         0 31,100	MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  PARCEL TOTAL TAXABLE VALUE  Parcel Total: \$ 217,000  Parcel Total: \$ 217,000	WENTWORTH Printed: 08/16/2016 PICTURE



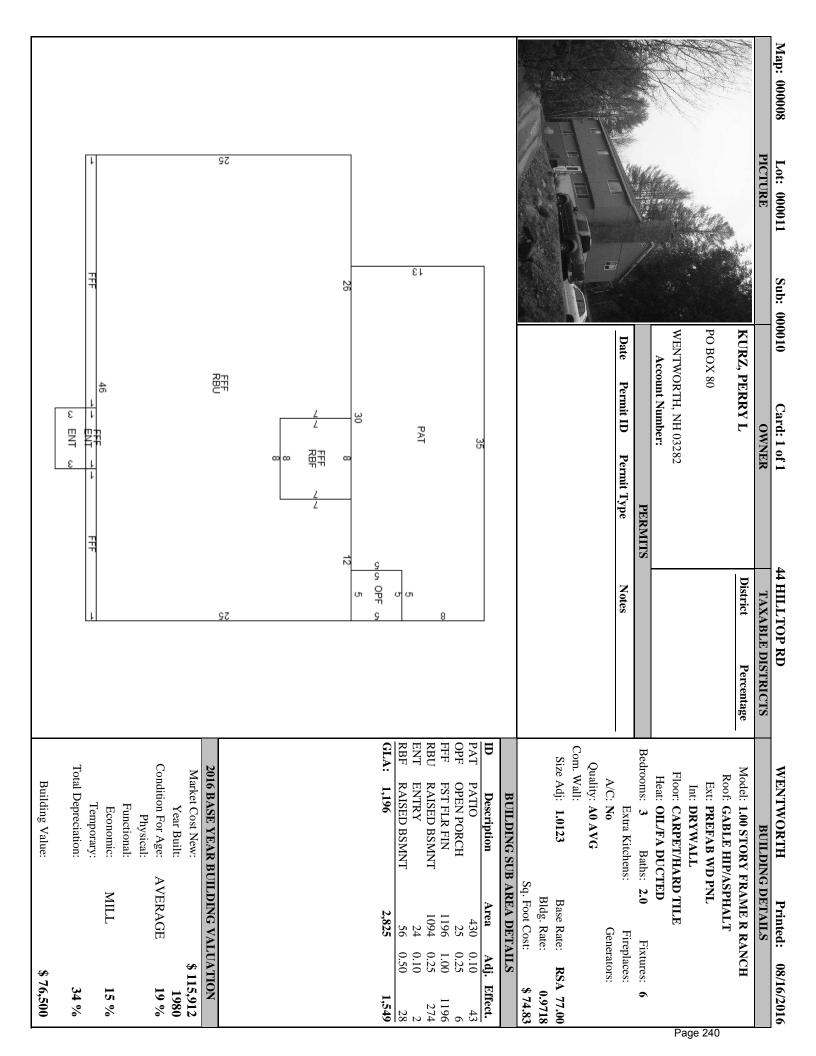
Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC  IF RES 0.230 ac 14,333 E  0.230 ac	LISTING HISTORY   LISTING HISTORY	Map: 000008 Lot: 000002 Sub:  OWNER INFORMATION  HEATH, JASON M  MINICKIELLO, LISA  PO BOX 15
200 Adj Site Road DWay Topography Cond Ad Valorer 100 100 100 95 95 MILD 100 12,90 12,90	NOTES	Date         Book         Page         Type         Price Grantor           03/23/2009         3593         502         Q1         82,000 READ, PRUDENCE H
Site: AVERAGE Driveway: GRAVEL/DIRT Road: PAVED         n SPI R Tax Value Notes         0 0 N 12,900         0 12,900	MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$ 76,700 \$ 8,800 \$ 33,700  Parcel Total: \$ 119,200  2015 \$ 76,700 \$ 8,800 \$ 33,700  Parcel Total: \$ 119,200  Parcel Total: \$ 119,200  Parcel Total: \$ 12,900  Parcel Total: \$ 88,900	WENTWORTH Printed: 08/16/2016 PICTURE  2335



Site: AVERAGE Driveway: PAVED Road: PAVED Ad Valorem SPI R Tax Value Notes  21,600 0 N 21,600  21,600 21,600	NC Adj Site Road DWay Topography Cond E 100 100 100 100 100 - LEVEL 100	Zone: RES Minimum Acreage: 1.00 Minimum Fro  Land Type Units Base Rate  2F RES 0.360 ac 21,600  0.360 ac
MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$ 197,100 \$ 2,200 \$ 34,400  Parcel Total: \$ 233,700  2015 \$ 197,100 \$ 2,200 \$ 34,400  Parcel Total: \$ 233,700  Parcel Total: \$ 233,700	LAYOUT COND DUE TO SIZE ADJ, PROXIMITY OF WELL TO SEPTIC TANK & FACT BLDG IS CONVERTED STORE; 12/15 NOH;  EXTRA FEATURES VALUATION  Units Lngth x Width Size Adj Rate Cond Market Value Notes  96 12 x 8 227 7.00 80 1,220  1,200	KSRL MAPL  Type Units 1  700D 96
PICTURE  PICTURE  PICTURE  PICTURE  PICTURE	Date Book Page Type Price Grantor 04/03/2015 4119 0150 Q1 112,000 MICHAUI 04/03/2015 4119 0150 Q1 112,000 MICHAUI NOTES  WHT; 09 WIRING UPDATE; 11 MIN INSUL, LAYOUT; 1/1 DOOR DNVI; PU SHED & CORR SKETCH; 7/13 CORR RC FFF KIT/BTH 07; INT>EXT; UFF=IN LAW APT; UFF K&B LOWER-Q/COND VS 36X50 FFF; UFF & FFF/SLB AVG CO FOR AGE (UPDATED); EXT AVG; UFF CEILS SHOW OLI MISC TRIM; 3/14 DNV BMU; 1 FURN FOR ENTIRE BLDC ANCIET COND. DATE OF THE CONTROL OF WITH	



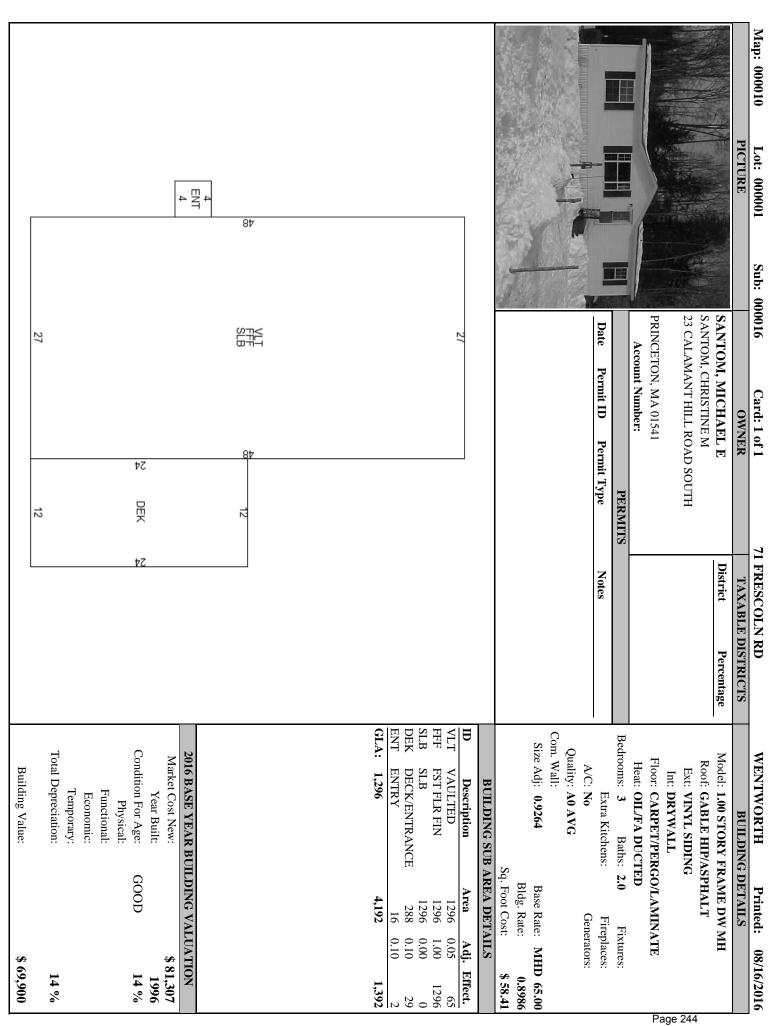
Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC /  IF RES 1.000 ac 38,000 D  1F RES 0.290 ac x 1,200 X 1  1.290 ac		EX: Units Lngt 462 1	OWNER INFORMATION	Map: 000008 Lot: 000011 Sub: 000010
200  Adj Site Road DWay Topography Cond Ad Valorem SPI R 90 100 95 95 90 ROLLING 100 27,800 0 N 100 90 ROLLING 100 300 0 N 28,100	LAND VALUATION	Page Type 0553 Q1 0553 Q1  MEAS; PA OPF LOW Q 7 RBF=BTH Rate 22.00 5,000.00	SALES HISTORY	Card: 1 of 1 44 HILLTOP RD
Site: AVERAGE         Driveway: GRAVEL/DIRT         Road: GRAVEL/DIRT           Valorem         SPI         R         Tax Value         Notes           27,800         0         N         27,800           300         0         N         300           28,100         28,100         28,100		MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  PARCEL TOTAL TAXABLE VALUE  PARCEL TOTAL TAXABLE VALUE  Parcel Total: \$ 137,800  2015 \$ 89,100 \$ 10,300 \$ 38,400  Parcel Total: \$ 137,800  Parcel Total: \$ 137,800  Parcel Total: \$ 137,800  Parcel Total: \$ 137,800  Parcel Total: \$ 137,800	PICTURE	WENTWORTH Printed: 08/16/2016



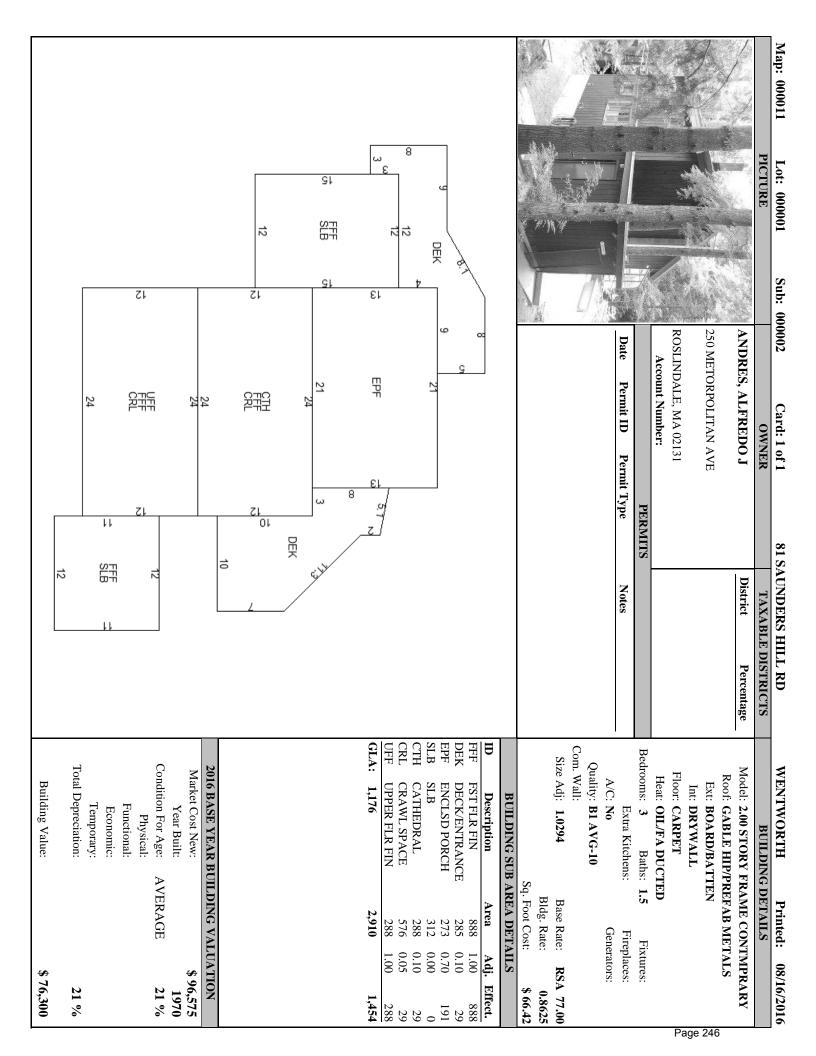
Zone: RES Minimum Acreage: 1.00 N  Land Type Units  IF RES 1.000 ac  IF RES 4.100 ac  IF RES 400.000 ff  VIEW 5.100 ac		SHED-WOOD SHED-EQUIPMENT SHED-EQUIPMENT	Feature Type		12/02/15 KCVL VER SALE 01/09/13 ERVM 09/14/11 MIFR 08/22/11 EBRM 06/23/09 KSRM 10/25/06 RVUM 04/22/06 RVUM 09/10/04 RVRM	LISTING HISTORY	HOUCHER, JAYE  135 FRESCOLN ROAD  WENTWORTH, NH 03282	OWNER INFORMATION	Map: 000010 Lot: 000001
· · · · · · · · · · · · · · · · · · ·		192 12 x 16 200 10 x 20 36 6 x 6	Units Lngth x Width Size Adj	EXTRA FE	STAIN; ON FRN CLOSET FFF=FD EST=FE		06/30/2014 02/27/2004		Sub: 000010
200  Adj Site Road  90 100 95 100 90 JUNNEL, TOP 25, DIST		143 7.00 8 140 6.00 3 400 6.00 4	lth Size Adj Rate Cond	EXTRA FEATURES VALUATION	STAIN; SEASONAL TUNNEL VU; 1/13 NOH; RBF TO BMF PER ABV GRADE ON FRNT ONLY; PLAN #1725; 12/15 PINE/PINE KIT; CARPET IN BMF; ONLY 1 CLOSET IN HALL OF ATF W/NO DOOR; 3RD BD SM & NO CLOSET ON FFF=FD; HSF MEAS 11' CLOSER TO HALF THAN ATTIC; PART MEAS EST=FENCE & DOGS; UPDATED BTH; HSF FLR=PINE; GEN PRIOR TO SALE;		06/30/2014 4065 0967 QI 02/27/2004 2962 792 QI		Card: 1 of 1
DWay         Topography         Cond           95         95 MILD         100           90 ROLLING         100           ANT         100	LAND VALUATION	80 1,538 30 504 40 346 <b>2,400</b>	nd Market Value Notes		/13 NOH; RBF TO BMF PER 5 PINE/PINE KIT; CARPET   5 OOR: 3RD BD SM & NO CL O HALF THAN ATTIC; PAR' TH; HSF FLR=PINE; GEN P	NOTES	180,000 DUNCAN, PETER W 182,533 JACOBS, ERIC & MARIE	DALES HISTONI	135 FRESCOLN RD
Ad	_	<b>2</b>   2  2  <b>4</b>			ABV GRADE IN BMF; ONLY 1 OSET ON I MEAS RIOR TO SALE;		ER W & MARIE	2	N RD
E Driveway: GRAVEL/I  R Tax Value Notes  N 29,300  N 4,400  N 10,800  50,500  VU  50,500		PARCEL TOTAL Year Building 2014 \$ 112,700 2015 \$ 112,700 2016 \$ 113,200	WENTWORT	MUNICIPAL SOFT				IIC	WENTWORTH
Site: AVERAGE         Driveway: GRAVEL/DIRT Road: GRAVEL/DIRT           Valorem         SPI         R         Tax Value         Notes           29,300         0         N         29,300           4,400         0         N         4,400           10,800         0         N         10,800           6,000         VU         50,500           VU         50,500         VU		### CEL TOTAL TAXABLE VALUE    Building   Features   Land	WENTWORTH ASSESSING	MUNICIPAL SOFTWARE BY AVITAR				TAND	Printed: 08/16/2016

	10 8		ZZ DEK	ÞΙ	10		₽↓								送							PICTURE	Map: 000010 Lot: 000001 Sub: 000010
	0PF 8	30		BMF FFF HSF	30 30		FFF HSF		30							Date Permit ID Permit Type	PERMITS	Account Number:	WENTWORTH NIL 03282	135 FRESCOLN ROAD	FOUCHER, JAYE $\frac{D_{i}}{}$	VNER	Card: 1 of 1 135 F
	ω	DEK 91		co												Notes					District Percentage	ABLE DI	135 FRESCOLN RD
Building Value:	Economic: Temporary: Total Depreciation:	Condition For Age: AVERAGE Physical: Functional: CLOSETS	2016 BASE YEAR BUILDING VALUATION Market Cost New: \$ 136,3 Year Built: 19			GLA: 1,260 3,108	FST FLR FIN	OPF OPEN PORCH 240 HSF 1/2 STRY FIN 840	IF BSMNT FINISHED	ID Description Area	BUILDING SUB AREA DETAILS	Bldg. Kate:	1.0131	Com. Wall:		Extra Kitchens: Fire		Heat: OIL/HOT WATER	Int: WOOD/LOG	Ext: <b>LOGS</b>	Model: 1.50 STORY FRAME LOG Roof: GABLE HIP/PREFAB METALS	BUILDING DETAILS	WENTWORTH Printed:
\$ 113,200	17 %	16 % 1 %	\$ 136,335 1988			1,544		0.25 60 0.50 420		Adi. Effect.	AILS		$\mathbf{RS}A$		Generators: 1	Fireplaces:	Fixtures: 4			: 242	TALS		: 08/16/2016

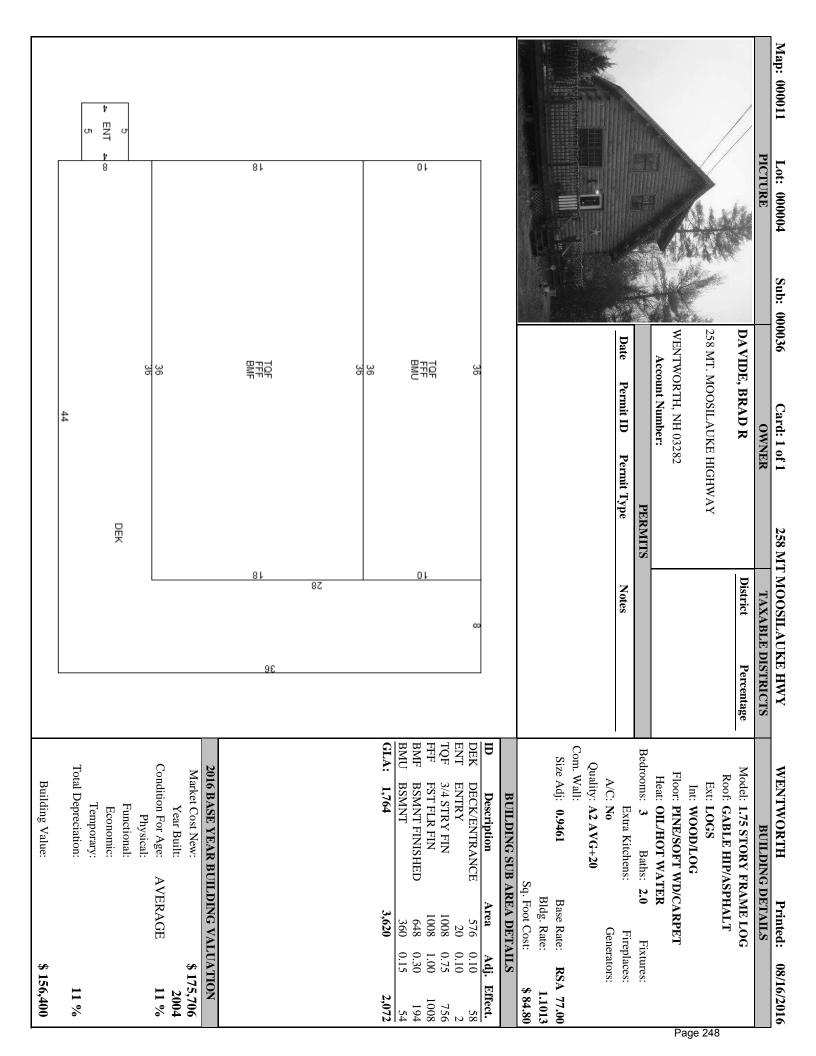
Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC  1F RES 1.000 ac 38,000 D  1F RES 4.000 ac x 1,200 X  5.000 ac		SHED-WOOD 160 10	I hite I	06/21/16 MSVM V-SALE IN 01/09/13 ERVE IN 01/09/13 ERVE IN 06/23/09 KSRM 10/25/06 RVUM 04/22/06 RVUM 02/02/02 DPRL 01/11/02 RTRM	LISTING HISTORY	SANTOM, MICHAEL E  SANTOM, CHRISTINE M  23 CALAMANT HILL ROAD SOUTH  PRINCETON, MA 01541	Sub:
Adj Site Road DWay Topography Cond Ad 90 100 95 95 90 ROLLING 100 100 85 MODERATE 100	LAND VALUATION	160 10 x 16 160 7.00 80 1,434 1,400	ALUATION  Rate Cond	WHT; 1/13 POSTED W/NOH; EST ENT & SLB; 6/16; N.O.H. CORR SKETCH; EST INT INFO FRM MLS;	NOTES	Date         Book         Page         Type         Price Grantor           06/17/2016         4213         0088         Q I         120,000 MARSHALL, ALFRED R           12/02/2005         3225         908         Q I         135,000 FLYNN, JOSEPH T	000016 Card: 1 of 1 71 FRESCOLN RD SALES HISTORY
Site: AVERAGE Driveway: GRAVEL/DIRT Road: GRAVEL/DIRT           Valorem         SPI R         Tax Value Notes           27,800         0 N         27,800           4,100         0 N         4,100           31,900         31,900		WENTWORTH ASSESSING         OFFICE         PARCEL TOTAL TAXABLE VALUE         Year       Building       Features       Land         2014       \$ 67,100       \$ 1,400       \$ 36,400         Parcel Total:       \$ 104,900         2015       \$ 67,100       \$ 1,400       \$ 36,400         Parcel Total:       \$ 104,900         2016       \$ 69,900       \$ 1,400       \$ 31,900         Parcel Total:       \$ 103,200	MUNICIPAL SOFT WARE BY AVITAK	MINICIDAL SOFTWADE DV AVITAD		Page 243	WENTWORTH Printed: 08/16/2016



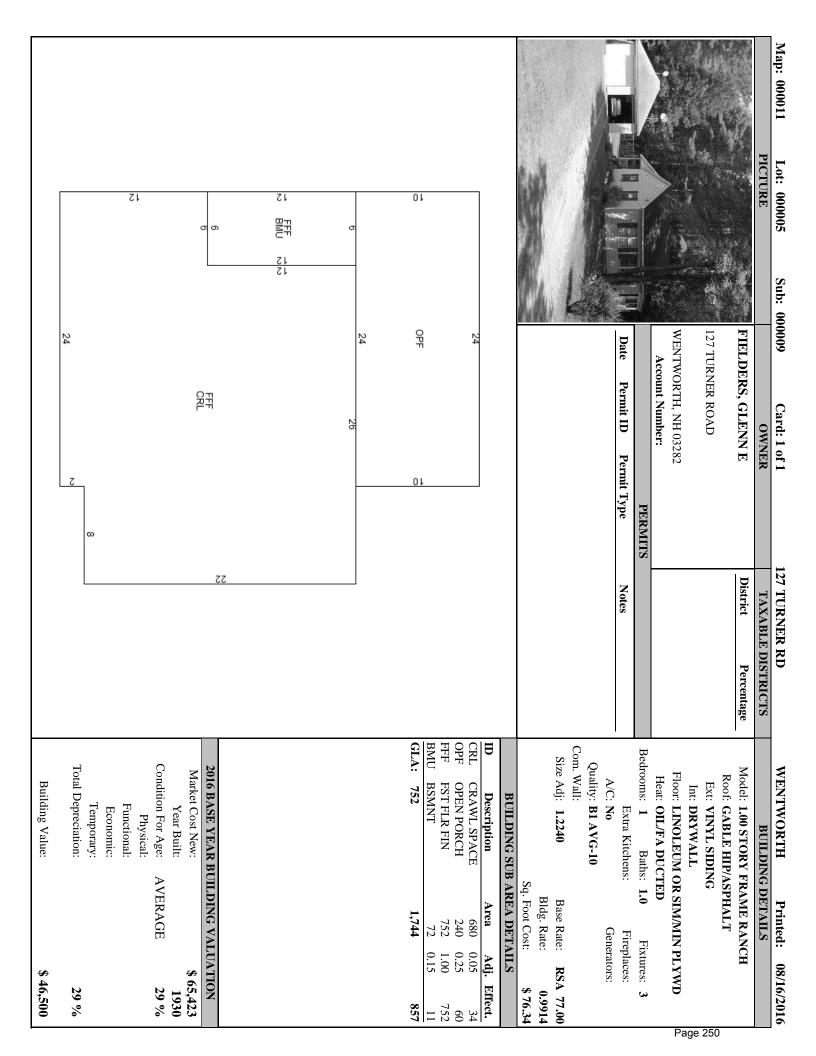
Land Type       Units       Ba         1F RES WTRFRNT       1.000 ac       1.000 ac         1F RES WTRFRNT       6.250 ac       6.250 ac         UNMNGD OTHER       3.750 ac       3.000 ac         UNPRODUCTIVE       3.000 ac       6.250 ac         FARM LAND       1.000 wf       1.000 wf         1F RES WTRFRNT       1.000 wf       14.440 ac	Minimum Acreage: 1.00	LEAN-TO CONCRETE SLAB DECK DETACHED  100	U	01/14/13 KCVE 09/14/11 MIFR 08/22/11 SMRM 05/10/09 KSRM 03/06/02 DPRM 02/18/02 RDRM	ANDRES, ALFREDO J  250 METORPOLITAN AVE  ROSLINDALE, MA 02131	Map: 000011 Lot: 000001 S
Base Rate NC Adj Site Road  38,000 D 90 95 95  x 1,200 X 95  x 1,000 X 100	ntage: 200	24 x 24 88 4 1 x 120 193 30 x 24 82 10 x 10 220		POWERLINES VERY CLOSE TO EXTRA FEATURES VALUATION	Date         Book         Page         Typ           05/20/2016         4206         568         Q1           06/27/2001         2553         0616         Q1	Sub: 000002 Card: 1 of 1
DWay Topography Cond 95 90 ROLLING 90 90 ROLLING 25 95 MILD 50 90 ROLLING 100 90 ROLLING 100 100 100		4.00 80 10,949 4.00 100 926 = OPF ATT GAR 3.00 100 1,771 EST ATT GAR 7.00 60 924 EST 14,600	Cond Market	POWERLINES VERY CLOSE TO SITE; 2 SHEDS; 1/13 NOH; POSTED=EST;  TRA FEATURES VALUATION	)e	1 81 SAUNDERS HILL RD SALES HISTORY
Ad Valorem SPI R Tax Value  23,800 0 N 23,800 100 0 N 100 3,400 80 N 2,156 3,800 80 N 179 300 100 N 60 5,400 0 N 10,000 46,800 36,295	Site: FAIR Driveway:	Year	WENT	-	TRUST	LL RD WENTWORTH
Tax Value Notes  23,800 POWERLINE THRU SIT  100 POWERLINE  2,156 FIELD  179  60 WET  0  10,000 1400' WF  36,295	Site: FAIR Driveway: GRAVEL/DIRT Road: GRAVEL/DIRT	### Comparison of Comparison o	WENTWORTH ASSESSING	MUNICIPAL SOFTWARE BY AVITAR	Page 245	ORTH Printed: 08/16/2016 PICTURE



Map: 000011 Lot: 000004 Sub:  OWNER INFORMATION  DAVIDE, BRAD R  258 MT. MOOSILAUKE HIGHWAY  WENTWORTH NH 03282	Sub:         000036         Card: 1 of 1         258 MT MOOSILAUKE HWY           Date         Book         Page         Type         Price Grantor           07/13/2015         4129         0361         Q1         192,000 TOEPEL, MICHELLE           12/11/2013         4030         307         U137         110,900 HOUSING & URBAN DEVELO           04/22/2013         3972         401         U137         173,200 BANK OF AMERICA N.A.           11/02/2012         3929         421         U151         191,000 MCDONALD/FORECLOSURE           04/15/2008         3508         0136         Q1         163,000 CWALT INC ALTERNATIVE	WENTWORTH Printed: PICTURE
LISTING HISTORY	NOTES	
12/02/15 KCVM VER SALE 10/09/14 KCPE 01/10/13 KCVM 09/14/11 MIFR 08/22/11 SMRM 09/29/09 MI 06/12/09 KSRM 10/02/07 MI	LOT 17, PLAN#5104; LOGS; 25' ROW TO BAKER RIVER; VLT CEIL FRNT HALF, FULL DORM BACK HALF; 1/13 HSE NOT LIVED IN; REMOVED POOL; CORR SKETCH; 10/14 NOH; CTH TO LIV SPACE; 12/15 NOH; BMF=EST; DNPU TENT GAR;	
E	EXTRA FEATURES VALUATION	MUNICIPAL SOFTWARE BY AVITAR
Feature Type Units Lr	Units Lngth x Width Size Adj Rate Cond Market Value Notes	WENTWORTH ASSESSING OFFICE
		Year         Building         Features         Land           2014         \$ 150,000         Parcel Total: \$ 190,200           2015         \$ 150,000         Parcel Total: \$ 190,200           Parcel Total: \$ 190,200         Parcel Total: \$ 190,200           Parcel Total: \$ 190,200         Parcel Total: \$ 190,200
	LAND VALUATION	
Zone: RES Minimum Acreage: 1.00 Minimum	Minimum Frontage: 200 Site:	Site: AVERAGE Driveway: GRAVEL/DIRT Road: PAVED
Units	Adj Site Road DWay Topography Cond Ad Valorer	SPI R Tax Value Notes
1.000 ac 1.460 ac	0 E 100 100 100 95 95 MILD 100 34,300 0 X 100 85 MODERATE 100 1,500 0 X 100 0 0 0 0	34,30 1,50
1.460 ac 1.000 wf <b>2.460 ac</b>	X 100 X 100 X 100 X 35-MODERATE 100 X 35,800	tu l



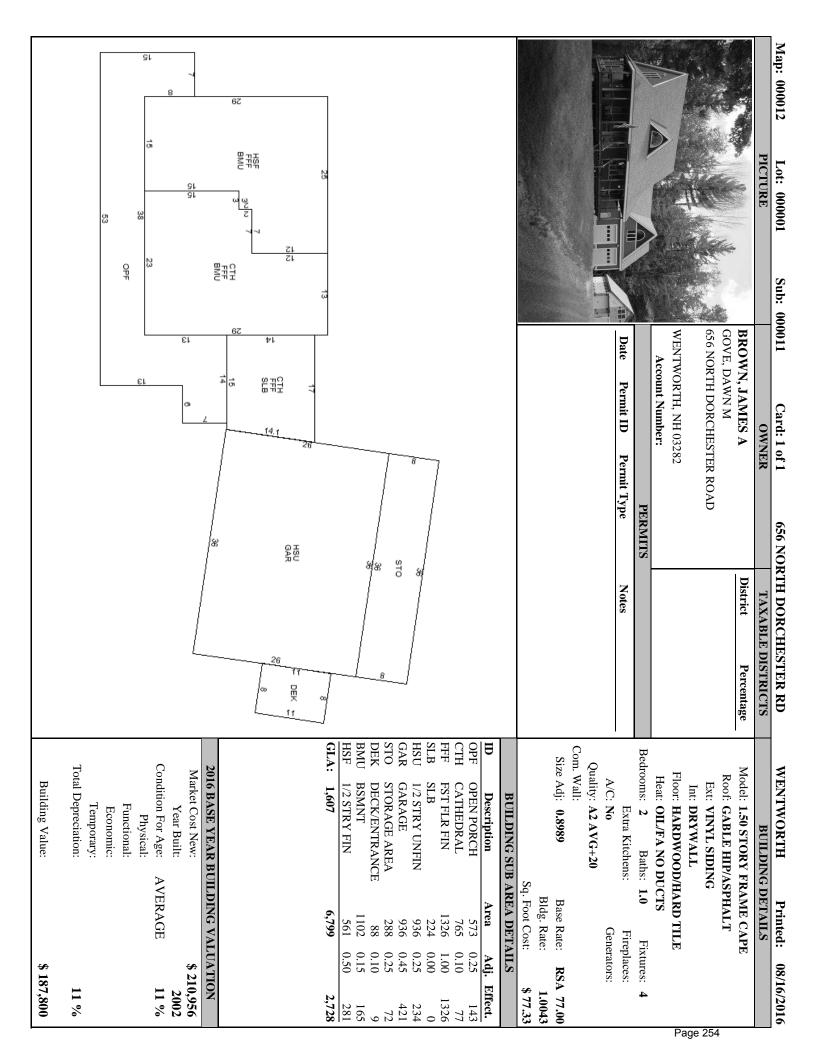
Land Type	LISTING HISTORY	Map: 000011 Lot: 000005 Sub: 0 OWNER INFORMATION  FIELDERS, GLENN E
200  Adj Site Road DWay Topography Cond Ad 100 100 95 95 100 LEVEL 100 100 100 - LEVEL 100	NOTES  1/13 NOH; 22X8 HAS PREFAB MTL ROOF; PLAN #10211; 12/15 BTH UPDATED PRIOR TO SALE; HDTILE FLRS, KIT=LINO, BAL=PLYWD; OLD WINDOWS; DATED KIT W/MIN CABS/COUNTER=PANEL/LINO TOPS; ACC TO BMU & CRL THRU TRAP DOOR ON OPF;  EXTRA FEATURES VALUATION  EXTRA FEATURES VALUATION  EXTRA FEATURES VALUATION  5,900  LAND VALUATION  LAND VALUATION	Date         Book         Page         Type         Price Grantor           10/05/2001         2588         0159         Q1         87,500         CELINO, DEBORAH           10/05/2001         2588         0159         Q1         74,000         BORGER, NEIL & ANGELA
Site: AVERAGE Driveway: GRAVEL/DIRT Road: GRAVEL/DIRT         Valorem       SPI R       Tax Value Notes         34,300       0 N       34,300         0 0 N       0       0         34,300       34,300	MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Year Building Features Land 2014 \$ 53,000 \$ 5,900 \$ 38,000 Parcel Total: \$ 96,900  2015 \$ 53,000 \$ 5,900 \$ 38,000 Parcel Total: \$ 96,900  2016 \$ 46,500 \$ 5,900 \$ 34,300 Parcel Total: \$ 86,700	WENTWORTH Printed: 08/16/2016 PICTURE  249 Page 9



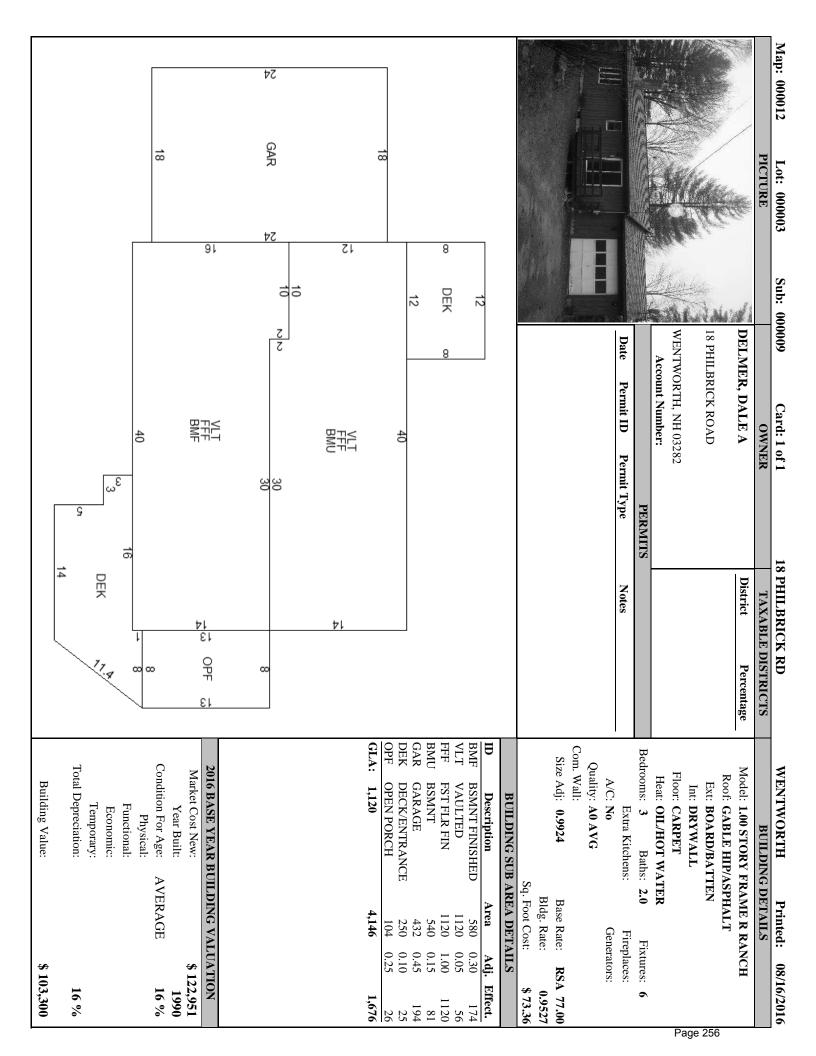
Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC  IF RES 1.000 ac 38,000 E  IF RES 1.600 ac x1,200 X  UNMNGD OTHER 11.000 ac x1,200 X  UNMNGD OTHER 600.000 ff x 30 X  13.600 ac  13.600 ac	Units J 1 120	Map: 000011 Lot: 000005 Sub:  OWNER INFORMATION  BORGER, KATHRYN M  SMITH, WESCOTT  53 LITTLE SWEDEN ROAD  WENTWORTH, NH 03282  LISTING HISTORY
Adj Site Road DWay Topography Cond Ad 100 100 95 95 100LEVEL 100 96 95MILD 100 96 90ROLLING 100 96 40 40	WHT; TURNER & LITTLE SWEDEN ROADS; STONE FNDTN; 1/13 NOH; CORR LAND COND; 4/16 NOH; PU DEK;  EXTRA FEATURES VALUATION  Lingth x Width Size Adj Rate Cond Market Value Notes  100 3,000.00 100 3,000 10 x 12 193 7.00 50 811 3,800  3,800  LAND VALUATION	Card: 1 of 1   53 LITTLE SWEDEN RD
Site: AVERAGE         Driveway: GRAVEL/DIRT         Road: GRAVEL/DIRT           Valorem         SPI         R         Tax Value         Notes           34,300         0         N         34,300           1,800         0         N         1,800           11,400         80         N         524           6,900         0         N         0         TOPO           54,400         36,624         36,624	MUNICIPAL SOFTWARE BY AVITAR  WENTWORTH ASSESSING  OFFICE  PARCEL TOTAL TAXABLE VALUE  Pear Building Features Land 2014 \$76,700 \$2,800 \$40,797 Parcel Total: \$120,297  2015 \$76,700 \$2,800 \$40,797 Parcel Total: \$120,297  2016 \$70,800 \$3,800 \$36,624 Parcel Total: \$111,224	WENTWORTH Printed: 08/16/2016 PICTURE Page 251

	30	9Z BRFF ATF ZZ	30		Date Permit ID Permit Type	SMITH, WESCOTT  53 LITTLE SWEDEN ROAD  WENTWORTH, NH 03282  Account Number: PERMITS	BORGER, KATHRYN M
	10	DE X	10		Notes		District Percentage
Building Value: \$70,800	2016 BASE YEAR BUILDING VALUATION  Market Cost New: \$ 105,696 Year Built: 1910 Condition For Age: AVERAGE 33 % Physical: Functional: Economic: Temporary: Total Depreciation: 33 %		BUILDING SUB AREA DETAILS	A/C: No Generators:  Quality: A2 AVG+20  Com. Wall:  Size Adj: 1.1147 Base Rate: RSA 77.00  Bldg. Rate: 1.2322  Sq. Foot Cost: \$94.88	Extra Kitchens: Fireplaces:	Roof: GABLE HIP/ASPHALT  Ext: ALUM SIDING  Int: DRYWALL/PLASTERED Floor: PINE/SOFT WD/LINOLEUM OR SIM Heat: OIL/HOT WATER  Bedrooms: 3 Baths: 1.0 Fixtures: 3	Model: 1.50 STORY FRAME CAPE

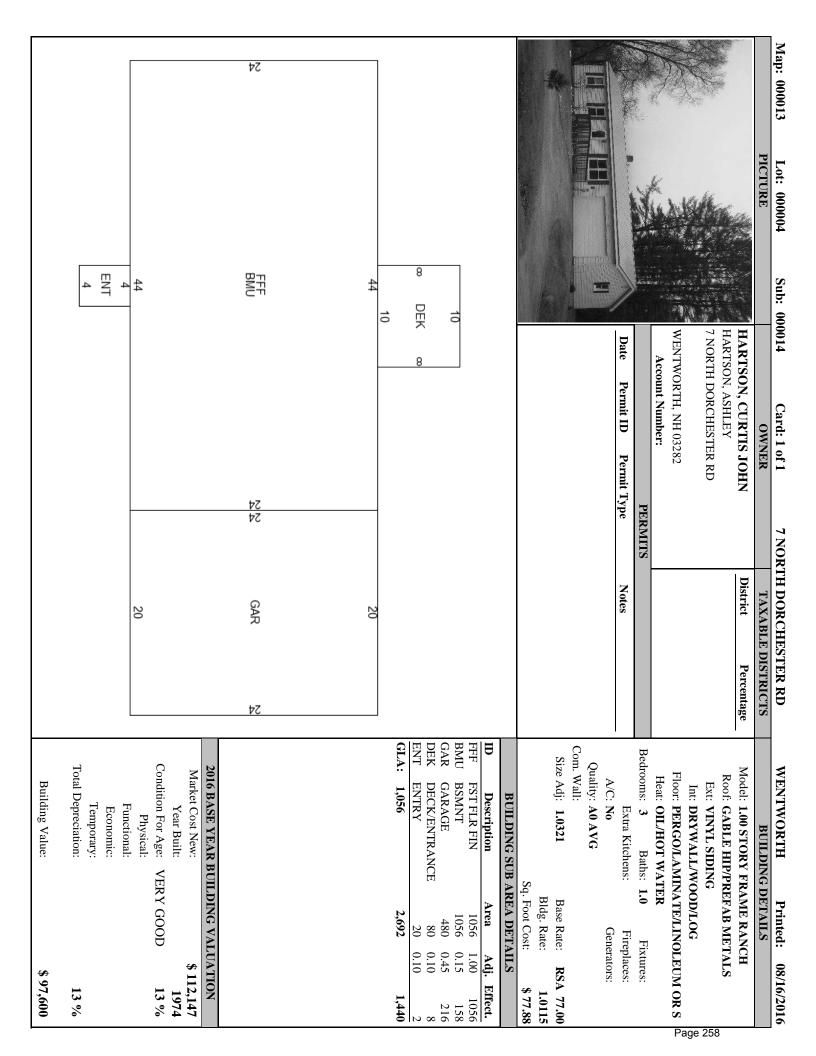
Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC  IF RES 1.000 ac 38,000 E  IF RES 3.520 ac x 1,200 X  IF RES 400.000 ff x 30 E  4.520 ac  4.520 ac			TY/ATTIC	Feature Type Units Lng	EX	12/02/15 KCVM VER SALE 05/11/15 KCPR 10/09/14 KCCL 03/25/14 KCPR 01/21/13 ERVM 05/16/12 KCPR 09/15/11 MIFR 08/22/11 EBRM	LISTING HISTORY	BROWN, JAMES A GOVE, DAWN M 656 NORTH DORCHESTER ROAD WENTWORTH, NH 03282	OWNER INFORMATION	Sub:
200  Adj Site Road DWay Topography Cond Ad Valorer 100 100 100 95 95 MILD 100 34,30 100 90 ROLLING 100 50 6,00 100 44,10			24.00 100	Units Lngth x Width Size Adj Rate Cond Market Value Notes	EXTRA FEATURES VALUATION	GRY; 10/14 CORR INT SKETCH & DATA, FLRS & COUNTERS=PORCELAIN, HD WD CABINETS, SUNKEN LIV ROOM, SOME FLRS W/CHERRY INLAY; HSF=16, HSE & 12' GAR PLUS DORMS. SEP SHOWER & JET TUB, MONITOR HEAT 3 & PELLET; SIDING COMPLETE AFTER 4/1/14; 5/15 REMOVE UC; 12/15 NOH; RADON SYSTEM;	NOTES	Date Book Page Type Price Grantor  10/21/2014 4090 0068 Q1 235,000 CHILDERS, MICHAEL J  01/27/2014 4037 864 U I 39 1 CHILDERS, MARY JO  09/20/2000 2487 895 Q1 21,533 FRANCES C MORFORD	SALESIL	000011 Card: 1 of 1 656 NORTH DORCHESTER RD
Site: AVERAGE Driveway: GRAVEL/DIRT Road: PAVED  n SPI R Tax Value Notes  0 0 N 34,300 0 0 N 6,000 TOPO/CORNER  0 44,100	2016 \$ 187,800 \$ 11,400 \$ 44,100 Parcel Total: \$ 243,300	Year         Building         Features         Land           2014         \$ 193,900         \$ 11,400         \$ 43,300           Parcel Total: \$ 248,600           2015         \$ 196,100         \$ 11,400         \$ 43,300           Parcel Total: \$ 250,800	OFFICE	WENTWORTH A SSESSING	MUNICIPAL SOFTWARE BY AVITAR	51		Page 253	FICTORE	WENTWORTH Printed: 08/16/2016



Zone: RES Minimum Acreage: 1.00 Minimum Frontage:  Land Type Units Base Rate NC  IF RES 1.000 ac 38,000 E  IF RES 5.000 ac x 1,200 X  6.000 ac	Type Units I VOOD 64	OWNER INFORMATION  IER, DALE A  LBRICK ROAD  WORTH, NH 03282  LISTING HISTORY  LISTING HISTORY  16 MSVM VER SALE 15 KCVM VER SALE 15 KCVM VER SALE 11 MIFR 11 DJRL 10 KSRM 02 RTRL 02 RTRL	Map: 000012 Lot: 000003 Sub: 00
200  Adj Site Road DWay Topography Cond Ad 100 100 95 95 95 MILD 95 100 90 ROLLING 100	EXTRA FEATURES VALUATION  Units Lngth x Width Size Adj	SALES HISTORY   Book   Page   Type   Price Grantor	000009 Card: 1 of 1 18 PHILBRICK RD
Site: AVERAGE         Driveway: GRAVEL/DIRT         Road: GRAVEL/DIRT           Valorem         SPI         R         Tax Value         Notes           31,000         0         N         31,000 RBL         S,400           36,400         0         N         5,400         S,400           36,400         36,400         36,400         S,400         S,400	MUNICIPAL SOFTWARE BY AVITAR         WENTWORTH ASSESSING         OFFICE         PARCEL TOTAL TAXABLE VALUE         Year Building Features Land         2014 \$115,000 \$1,800 \$45,400         Parcel Total: \$162,200         2015 \$115,000 \$1,800 \$45,400         Parcel Total: \$162,200         2016 \$103,300 \$800 \$36,400         Parcel Total: \$140,500	PICTURE	WENTWORTH Printed: 08/16/2016



Zone: RES   Minimum Acreage: 1.00   Minimum Frontage: Land Type   Units   Base Rate   NC			Feature Type Units Lng	12/02/15 KCVM VER SALE 01/11/13 ERVM 09/16/11 MIFR 09/07/11 EBRM 05/15/09 KSPU 01/24/02 RDRL  EX	LISTING HISTORY	HARTSON, CURTIS JOHN HARTSON, ASHLEY 7 NORTH DORCHESTER RD WENTWORTH, NH 03282	OWNER INFORMATION	
200  Adj Site Road DWay Topography Cond Ad Valorem SI 100 100 100 100 100 LEVEL 100 38,000 100 95 MILD 100 6,000 E, TOP 50, CLOSE/NEAR 100 44,500	LAND VALUATION		Units Lngth x Width Size Adi Rate Cond Market Value Notes	TAN; 1/13 NOH; CORR ROOF COVER; PU ENT; DNPU HC RAMP; 12/15 INFO FR HO (MRS)-DNVI PER HO;  EXTRA FEATURES VALUATION	NOTES	11/20/2006 3349 367 U139 BROWN, TAMARA	SALES HI	Sub: 000014 Card: 1 of 1 7 NORTH DORCHESTER RD
Site: AVERAGE Driveway: PAVED Road: PAVED PI R Tax Value Notes  0 N 38,000 0 N 500 6,000 AVG/HLS/D50/HLS VU  44,500		### PARCEL TOTAL TAXABLE VALUE    Parcel Total: \$ 102,700	WENTWODTH ACCECCING	MUNICIPAL SOFTWARE BY AVITAR		Page 257	FICIORE	WENTWORTH Printed: 08/16/2016



# **SECTION 9**

# C. FINAL VALUATION COST TABLES

#### **Land Pricing Zones**

	Zone 01						
Description: Lot Size: Frontage: Lot Price: Excess Acreage: Excess Frontage:	1.00 200 \$ 38,000 \$ 1,200 \$ 30	\$ 1,200 @ \$ 10,000 @ \$ 15,000 @ \$ 30,000 @ \$ 34,000 @ \$ 38,000 @ \$ 38,000 @	0.010 ac 0.100 ac 0.250 ac 0.500 ac 0.750 ac 1.000 ac 1.000 ac				
Water Frontage: View:	\$ 10,000 \$ 100,000	\$ 38,000 @	1.000 ac				

	Land Use Codes				
Code	Description				
79D	79-D HISTORIC BARN				
79F	79-F FARM STRUCT				
CI	COM/IND				
EX-F	EXEMPT-FED				
EX-G	EX ACTIVITY TAX AREA				
EX-M	EXEMPT-MUNIC				
EX-P	EXEMPT-PILT				
EX-S	EXEMPT-STATE				
R1	1F RES				
R1A	1F RES WTR ACS				
R1W	1F RES WTRFRNT				
R2	2F RES				
R2A	2F RES WTR ACS				
R2W	2F RES WTRFRNT				
R3	3F RES				
R3A	3F RES WTR ACS				
R3W	3F RES WTRFRNT				
R4	4F RES				
R4A	4F RES WTR ACS				
R4W	4F RES WTRFRNT				
UTL	UTILITY-OTHER				
UTLE	UTILITY-ELEC				
UTLG	UTILITY-GAS				
UTLW	UTILITY-WATER				

	Neighborhoods	
Code	Adjustment	Factor
A	AVG -40	60
В	AVG -30	70
C	AVG -20	80
D	AVG -10	90
E	AVG	100
F	AVG +10	110
G	AVG +20	120
Н	AVG +30	130
I	AVG +40	140
J	AVG +50	150
K	AVG +60 160%	160
L	AVG +70 170%	170
M	AVG +80 180%	180
N	AVG +90 190%	190
P	AVG +100 200%	200
Q	SPECIAL 225%	225
R	SPECIAL 250%	250
S	SPECIAL 275%	275
T	SPECIAL 300%	300
X	BACKLAND	100

	Site Modifiers				
Code	Description	Factor			
A	AVERAGE	100			
В	BEST	125			
C	UNDEVELOPED CLEAR	80			
Е	EXC	115			
F	FAIR	95			
G	GOOD	105			
N	NATURAL	90			
U	UNDEVELOPED	70			
Y	VERY GOOD	110			

Topography Modifiers			
Code	Description	Factor	
A	LEVEL	100	
В	MILD	95	
C	ROLLING	90	
D	MODERATE	85	
E	STEEP	70	
F	SEVERE	50	

Road Modifiers				
Code	Description	Factor		
G	GRAVEL/DIRT	95		
K	N/A	100		
P	PAVED	100		

Driveway Modifiers					
Code	Description	Factor			
G	GRAVEL/DIRT	95			
N	NATURAL/GRASS	90			
P	PAVED	100			
U	UNDEVELOPED	90			

	Current Use Codes				
Code	Description	Min. Value	Max. Value		
CUDE	DISCRETNRY	\$ 0.00	\$ 0.00		
CUFL	FARM LAND	\$ 25.00	\$ 425.00		
CUMH	MNGD HARDWD	\$ 28.00	\$ 43.00		
CUMO	MNGD OTHER	\$ 20.00	\$ 30.00		
CUMW	MNGD PINE	\$ 66.00	\$ 99.00		
CUUH	UNMNGD HARDWD	\$ 47.00	\$ 71.00		
CUUL	UNPRODUCTIVE	\$ 20.00	\$ 20.00		
CUUO	UNMNGD OTHER	\$ 34.00	\$ 51.00		
CUUW	UNMNGD PINE	\$ 110.00	\$ 165.00		
CUWL	WETLANDS	\$ 20.00	\$ 20.00		

View Subjects					
Code	Description	Factor			
HLS	HILLS	35			
LAK	LAKES/PONDS	75			
MTS	MOUNTAINS	100			
PAST	PASTORAL	15			
RHLS	RIVERS/HILLS	40			

View Widths					
Code	Description	Factor			
AVE	AVERAGE	60			
NAR	NARROW	50			
PAN	PANORAMIC	100			
TUN	TUNNEL	30			
WID	WIDE	80			

View Depths					
Code	Description	Factor			
D100	FULL 100%	100			
D25	TOP 25	25			
D50	TOP 50	50			
D75	TOP 75	75			

View Distances					
Code	Description	Factor			
CLS	CLOSE/NEAR	60			
DST	DISTANT	80			
EXT	EXTEME DISTANT	100			

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Wentworth

Land Area Size Adjustment Factors

111   96,00	Acres	Adj.								
12   96,00		97.00	71	81.00	132	69.00	193	61.00	254	54.00
13   96,00										
14   96,00										
15   95,00   76   80,00   137   69,00   198   60,00   259   54,00   16   95,00   77   80,00   138   68,00   200   60,00   261   53,00   18   94,00   79   79,00   140   68,00   201   60,00   261   53,00   20   94,00   81   79,00   141   68,00   202   60,00   263   53,00   20   94,00   81   79,00   141   68,00   203   60,00   265   53,00   21   93,00   82   79,00   143   68,00   204   60,00   265   53,00   22   33,00   83   78,00   143   68,00   205   59,00   266   53,00   22   33,00   84   78,00   145   67,00   205   59,00   266   53,00   22   30,00   85   78,00   145   67,00   206   59,00   266   53,00   22   20,00   87   78,00   146   67,00   207   39,00   268   53,00   26   25   20,00   86   78,00   147   67,00   208   59,00   267   53,00   26   25   20,00   87   78,00   148   67,00   209   39,00   269   53,00   26   27   29,00   88   77,00   149   67,00   210   59,00   270   53,00   28   31,00   29   91,00   90   77,00   151   67,00   211   59,00   272   52,00   30   91,00   91   77,00   151   67,00   212   59,00   273   52,00   33   91,00   92   77,00   153   66,00   214   58,00   274   52,00   33   90,00   93   76,00   154   66,00   215   58,00   276   52,00   34   90,00   95   76,00   154   66,00   215   58,00   276   52,00   34   90,00   95   76,00   156   66,00   216   58,00   278   52,00   378   89,00   99   77,00   153   66,00   214   58,00   276   52,00   38   89,00   97   76,00   158   66,00   217   58,00   278   52,00   38   89,00   97   76,00   158   66,00   217   58,00   278   52,00   38   89,00   97   75,00   158   66,00   218   58,00   276   52,00   38   89,00   97   75,00   158   66,00   218   58,00   279   52,00   378   89,00   99   77,00   151   66,00   218   58,00   279   52,00   38   89,00   99   77,00   151   66,00   218   58,00   279   50,00   377   50,00   158   66,00   218   58,00   279   50,00   377   50,00   159   66,00   218   58,00   229   50,00   237   50,00   244   58,00   244   58,00   244   58,00   244   58,00   244   58,00   244   58,00   244   58,00   244   58,00   244   58										
16   95.00   77   80.00   138   68.00   199   60.00   260   54.00   179   95.00   78   79.00   139   68.00   200   60.00   261   53.00   201   94.00   80   79.00   141   68.00   201   60.00   262   53.00   201   94.00   81   79.00   142   68.00   203   60.00   264   53.00   220   23.00   82   79.00   142   68.00   203   60.00   264   53.00   221   93.00   82   79.00   143   68.00   204   60.00   265   53.00   223   39.00   82   79.00   145   67.00   205   59.00   266   53.00   23   39.00   84   78.00   145   67.00   206   59.00   267   53.00   24   93.00   85   78.00   146   67.00   207   59.00   268   53.00   25   92.00   86   78.00   147   67.00   208   59.00   269   53.00   26   92.00   87   78.00   148   67.00   209   59.00   269   53.00   27   92.00   88   77.00   149   67.00   210   59.00   271   53.00   28   91.00   89   77.00   150   67.00   211   59.00   271   53.00   28   91.00   89   77.00   150   67.00   212   59.00   273   52.00   31   91.00   92   77.00   153   66.00   214   58.00   275   52.00   33   90.00   94   76.00   153   66.00   214   58.00   275   52.00   33   90.00   95   76.00   155   66.00   216   58.00   277   52.00   34   90.00   95   76.00   156   66.00   217   58.00   277   52.00   38   89.00   97   76.00   156   66.00   217   58.00   277   52.00   38   89.00   97   75.00   158   66.00   217   58.00   277   52.00   38   89.00   97   75.00   158   66.00   218   58.00   277   52.00   38   89.00   97   75.00   160   65.00   221   58.00   277   52.00   38   89.00   97   75.00   161   65.00   221   58.00   277   52.00   38   89.00   97   75.00   161   65.00   221   58.00   277   52.00   38   89.00   97   75.00   161   65.00   221   58.00   279   52.00   38   59.00   37   40.00   157   66.00   218   58.00   279   52.00   38   59.00   37   50.00   161   65.00   222   57.00   288   51.00   44   87.00   107   74.00   166   64.00   227   57.00   288   51.00   48   86.00   107   74.00   166   64.00   223   57.00   288   51.00   52   58.00   114   72.00   176   63.00   234   55.00   299   50.										
17   95.00   78   79.00   139   68.00   200   60.00   261   53.00     18   94.00   80   79.79   79.00   141   68.00   202   60.00   262   53.00     20   94.00   81   79.00   141   68.00   202   60.00   263   53.00     21   93.00   82   79.00   143   68.00   203   60.00   265   53.00     22   93.00   82   79.00   143   68.00   204   60.00   265   53.00     23   93.00   84   78.00   144   68.00   205   59.00   266   53.00     24   93.00   85   78.00   144   68.00   205   59.00   267   53.00     25   92.00   86   78.00   147   67.00   206   59.00   267   53.00     26   92.00   87   78.00   148   67.00   208   59.00   267   53.00     26   92.00   87   78.00   149   67.00   208   59.00   270   53.00     27   92.00   88   77.00   149   67.00   210   59.00   271   53.00     28   91.00   89   77.00   150   67.00   211   59.00   272   52.00     30   91.00   91   77.00   151   67.00   212   59.00   273   52.00     31   91.00   92   77.00   153   66.00   214   58.00   275   52.00     32   90.00   93   76.00   154   66.00   215   58.00   276   52.00     33   90.00   93   76.00   155   66.00   216   58.00   277   52.00     34   90.00   95   76.00   155   66.00   216   58.00   277   52.00     35   90.00   97   76.00   158   66.00   216   58.00   277   52.00     36   89.00   97   76.00   158   66.00   218   58.00   278   52.00     37   89.00   99   75.00   160   65.00   221   58.00   278   52.00     38   89.00   99   75.00   160   65.00   221   58.00   278   52.00     38   89.00   99   75.00   160   65.00   222   57.00   284   51.00     41   88.00   101   75.00   162   66.00   223   57.00   284   51.00     42   88.00   103   74.00   164   65.00   222   57.00   285   51.00     43   87.00   144   74.00   166   64.00   223   57.00   285   51.00     44   87.00   167   74.00   168   64.00   225   57.00   285   51.00     45   87.00   167   74.00   168   64.00   224   55.00     46   87.00   174   74.00   167   64.00   223   57.00   285   51.00     58   84.00   120   71.00   181   62.00   244   55.00     59   84.00   120   71.00										
18   94.00   79   79.00   140   68.00   201   60.00   262   53.00										
19   94 00   80   79 00   141   68 00   202   60 00   263   53 00										
20										
21   93.00   82   79.00   143   68.00   204   60.00   265   53.00										
22         93000         83         7800         144         68,00         205         59,00         266         53,00           24         93.00         84         78,00         146         67,00         206         59,00         268         53,00           25         92.00         86         78,00         147         67,00         208         39,00         268         53,00           26         92.00         88         77,00         149         67,00         210         59,00         270         53,00           28         91,00         90         77,00         150         67,00         211         59,00         272         52,00           29         91,00         90         77,00         151         67,00         213         58,00         274         52,00           31         91,00         91         77,00         152         66,00         213         58,00         275         52,00           32         99,00         93         76,00         153         66,00         215         58,00         276         52,00           33         90,00         95         76,00         156         66,00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
23         93.00         84         78.00         145         67.00         206         59.00         268         53.00           24         93.00         85         78.00         147         67.00         207         59.00         268         53.00           26         92.00         87         78.00         148         67.00         210         59.00         270         53.00           27         92.00         88         77.00         150         67.00         211         59.00         271         53.00           28         91.00         90         77.00         151         67.00         212         59.00         272         52.00           30         91.00         91         77.00         152         66.00         214         58.00         274         52.00           31         91.00         91         77.00         153         66.00         214         58.00         275         52.00           32         90.00         93         76.00         154         66.00         215         58.00         276         52.00           34         90.00         96         76.00         156         66.00         <										
24         9300         85         78.00         146         67.00         207         59.00         268         53.00           26         92.00         86         78.00         148         67.00         209         59.00         270         53.00           27         92.00         88         77.00         149         67.00         211         59.00         271         53.00           28         91.00         90         77.00         150         67.00         211         59.00         272         52.00           30         91.00         90         77.00         152         66.00         213         58.00         274         52.00           31         91.00         92         77.00         153         66.00         214         58.00         275         52.00           32         99.00         93         76.00         154         66.00         215         58.00         276         52.00           34         90.00         95         76.00         156         66.00         216         58.00         277         52.00           35         99.00         97         76.00         158         66.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
25         92.00         86         78.00         147         67.00         208         59.00         269         53.00           26         92.00         88         77.00         149         67.00         210         59.00         271         53.00           28         91.00         89         77.00         150         67.00         211         59.00         272         52.00           30         91.00         91         77.00         152         66.00         213         58.00         274         52.00           31         91.00         92         77.00         153         66.00         213         58.00         274         52.00           31         91.00         93         76.00         153         66.00         215         58.00         276         52.00           33         90.00         93         76.00         155         66.00         215         58.00         276         52.00           34         90.00         95         76.00         156         66.00         217         58.00         277         52.00           35         90.00         98         75.00         159         65.00         <										
26         92.00         87         78.00         148         67.00         209         59.00         270         53.00           27         92.00         88         77.00         149         67.00         211         59.00         271         53.00           28         91.00         90         77.00         151         67.00         211         59.00         273         52.00           30         91.00         91         77.00         152         66.00         213         58.00         274         52.00           31         91.00         92         77.00         153         66.00         214         58.00         275         52.00           32         290.00         93         76.00         154         66.00         215         58.00         275         52.00           33         90.00         95         76.00         155         66.00         216         58.00         277         52.00           34         90.00         96         76.00         158         66.00         217         58.00         278         52.00           37         89.00         98         75.00         158         66.00										
27         92.00         88         77.00         149         67.00         210         59.00         271         53.00           29         91.00         90         77.00         150         67.00         211         59.00         272         52.00           30         91.00         91         77.00         152         66.00         213         58.00         274         52.00           31         91.00         92         77.00         153         66.00         214         58.00         275         52.00           32         90.00         93         76.00         154         66.00         215         58.00         276         52.00           33         90.00         95         76.00         156         66.00         215         58.00         277         52.00           35         90.00         95         76.00         157         66.00         217         58.00         278         52.00           36         89.00         97         76.00         158         66.00         219         58.00         228         52.00           38         89.00         99         75.00         159         65.00         <										
28         91.00         89         77.00         150         67.00         211         59.00         272         52.00           30         91.00         91         77.00         151         67.00         213         58.00         274         52.00           31         91.00         92         77.00         153         66.00         214         58.00         275         52.00           32         90.00         94         76.00         154         66.00         216         58.00         275         52.00           34         90.00         94         76.00         155         66.00         216         58.00         277         52.00           34         90.00         96         76.00         156         66.00         216         58.00         277         52.00           35         90.00         96         76.00         158         66.00         216         58.00         227         52.00           36         89.00         97         76.00         158         66.00         219         58.00         280         52.00           37         89.00         80         75.00         160         65.00         <										
299   91.00   90   77.00   151   67.00   212   59.00   273   52.00										
30										
31         91.00         92         77.00         153         66.00         214         58.00         275         52.00           32         90.00         93         76.00         154         66.00         215         58.00         277         52.00           34         90.00         95         76.00         156         66.00         217         58.00         277         52.00           35         90.00         96         76.00         156         66.00         218         58.00         279         52.00           36         89.00         97         76.00         158         66.00         219         58.00         280         52.00           37         89.00         98         75.00         159         65.00         220         58.00         280         52.00           38         89.00         100         75.00         161         65.00         221         58.00         282         52.00           39         88.00         101         75.00         163         65.00         222         57.00         283         51.00           41         88.00         103         74.00         164         65.00										
32         90.00         93         76.00         154         66.00         215         58.00         276         52.00           33         90.00         94         76.00         155         66.00         216         58.00         277         52.00           35         90.00         96         76.00         157         66.00         218         58.00         279         52.00           36         89.00         96         76.00         157         66.00         218         58.00         229         58.00         228         52.00           37         89.00         98         75.00         160         65.00         221         58.00         281         52.00           38         89.00         99         75.00         160         65.00         221         58.00         282         52.00           40         88.00         101         75.00         162         65.00         223         57.00         284         51.00           41         88.00         103         74.00         164         65.00         225         57.00         285         51.00           43         87.00         104         74.00										
33         90.00         94         76.00         155         66.00         216         58.00         277         52.00           34         90.00         95         76.00         156         66.00         217         58.00         278         52.00           36         89.00         97         76.00         158         66.00         219         58.00         280         52.00           37         89.00         98         75.00         159         65.00         220         58.00         281         52.00           38         89.00         99         75.00         161         65.00         221         58.00         282         52.00           39         88.00         100         75.00         161         65.00         222         57.00         283         51.00           40         88.00         101         75.00         163         65.00         222         57.00         283         51.00           42         88.00         103         74.00         164         65.00         225         57.00         286         51.00           43         87.00         104         74.00         166         64.00										
34         90.00         95         76.00         156         66.00         217         58.00         278         52.00           36         89.00         96         76.00         158         66.00         219         58.00         280         52.00           37         89.00         98         75.00         159         65.00         220         58.00         281         52.00           38         89.00         99         75.00         160         65.00         221         58.00         281         52.00           39         88.00         100         75.00         161         65.00         222         57.00         283         51.00           40         88.00         101         75.00         162         65.00         223         57.00         284         51.00           41         88.00         103         74.00         164         65.00         225         57.00         285         51.00           42         88.00         103         74.00         166         65.00         225         57.00         286         51.00           43         87.00         106         74.00         165         65.00							216			
35         90.00         96         76.00         157         66.00         218         \$8.00         279         \$2.00           36         89.00         97         76.00         158         66.00         219         \$8.00         280         \$2.00           38         89.00         99         75.00         160         65.00         221         \$8.00         282         \$2.00           39         88.00         100         75.00         161         65.00         222         \$7.00         283         \$51.00           40         88.00         101         75.00         162         65.00         223         \$7.00         284         \$51.00           41         88.00         103         74.00         163         65.00         224         \$7.00         285         \$1.00           42         88.00         103         74.00         164         65.00         225         \$7.00         285         \$1.00           43         87.00         106         74.00         166         64.00         227         \$7.00         288         \$1.00           45         87.00         106         74.00         168         64.00							217			
36         89.00         97         76.00         158         66.00         219         58.00         280         52.00           37         89.00         98         75.00         159         65.00         220         58.00         281         52.00           38         89.00         99         75.00         160         65.00         221         58.00         282         52.00           39         88.00         100         75.00         161         65.00         222         57.00         283         51.00           40         88.00         101         75.00         163         65.00         223         57.00         284         51.00           41         88.00         103         74.00         164         65.00         225         57.00         286         51.00           43         87.00         104         74.00         165         65.00         226         57.00         286         51.00           45         87.00         106         74.00         166         64.00         228         57.00         289         51.00           47         86.00         108         74.00         168         64.00										
37         89.00         98         75.00         159         65.00         220         58.00         281         52.00           38         89.00         99         75.00         160         65.00         221         58.00         282         52.00           39         88.00         100         75.00         161         65.00         222         57.00         283         51.00           40         88.00         101         75.00         163         65.00         223         57.00         284         51.00           42         88.00         103         74.00         164         65.00         225         57.00         285         51.00           43         87.00         104         74.00         166         64.00         227         57.00         286         51.00           44         87.00         106         74.00         166         64.00         227         57.00         288         51.00           45         87.00         107         74.00         168         64.00         229         57.00         289         51.00           47         86.00         108         74.00         168         64.00										
38         89.00         99         75.00         160         65.00         221         58.00         282         52.00           39         88.00         100         75.00         161         65.00         223         57.00         283         51.00           40         88.00         101         75.00         162         65.00         223         57.00         284         51.00           41         88.00         103         74.00         164         65.00         225         57.00         285         51.00           43         87.00         104         74.00         166         65.00         225         57.00         286         51.00           44         87.00         105         74.00         166         64.00         227         57.00         288         51.00           45         87.00         106         74.00         166         64.00         229         57.00         288         51.00           46         87.00         107         74.00         168         64.00         229         57.00         289         51.00           48         86.00         109         73.00         170         64.00										
39         88.00         100         75.00         161         65.00         222         57.00         283         51.00           40         88.00         101         75.00         162         65.00         223         57.00         284         51.00           41         88.00         103         74.00         164         65.00         224         57.00         285         51.00           43         87.00         104         74.00         165         65.00         225         57.00         286         51.00           44         87.00         105         74.00         166         64.00         227         57.00         288         51.00           45         87.00         106         74.00         166         64.00         228         57.00         288         51.00           46         87.00         107         74.00         168         64.00         229         57.00         288         51.00           47         86.00         109         73.00         170         64.00         230         57.00         291         51.00           49         86.00         110         73.00         171         64.00										
40         88.00         101         75.00         162         65.00         223         57.00         284         51.00           41         88.00         103         74.00         164         65.00         224         57.00         285         51.00           42         88.00         103         74.00         166         65.00         226         57.00         286         51.00           43         87.00         104         74.00         165         65.00         226         57.00         288         51.00           44         87.00         106         74.00         166         64.00         227         57.00         288         51.00           45         87.00         106         74.00         168         64.00         229         57.00         299         51.00           47         86.00         109         73.00         170         64.00         230         57.00         290         51.00           49         86.00         110         73.00         171         64.00         231         56.00         293         51.00           50         86.00         111         73.00         172         64.00							222			
41         88.00         102         75.00         163         65.00         224         57.00         285         51.00           42         88.00         103         74.00         164         65.00         225         57.00         286         51.00           43         87.00         104         74.00         165         65.00         226         57.00         288         51.00           44         87.00         106         74.00         166         64.00         227         57.00         288         51.00           45         87.00         106         74.00         168         64.00         229         57.00         289         51.00           46         87.00         108         74.00         168         64.00         229         57.00         290         51.00           47         86.00         109         73.00         170         64.00         231         56.00         292         51.00           48         86.00         110         73.00         171         64.00         233         56.00         293         51.00           50         86.00         111         73.00         173         63.00							223			
42         88.00         103         74.00         164         65.00         225         57.00         286         51.00           43         87.00         104         74.00         165         65.00         226         57.00         287         51.00           44         87.00         106         74.00         166         64.00         227         57.00         288         51.00           45         87.00         106         74.00         166         64.00         228         57.00         289         51.00           46         87.00         107         74.00         168         64.00         229         57.00         290         51.00           47         86.00         108         74.00         169         64.00         230         57.00         291         51.00           48         86.00         110         73.00         170         64.00         231         56.00         292         51.00           49         86.00         111         73.00         172         64.00         233         56.00         293         51.00           51         85.00         112         73.00         173         63.00										
43         87.00         104         74.00         165         65.00         226         57.00         287         51.00           44         87.00         105         74.00         166         64.00         227         57.00         288         51.00           45         87.00         106         74.00         167         64.00         228         57.00         289         51.00           46         87.00         107         74.00         168         64.00         229         57.00         290         51.00           47         86.00         108         74.00         169         64.00         230         57.00         291         51.00           48         86.00         110         73.00         170         64.00         231         56.00         292         51.00           49         86.00         111         73.00         172         64.00         233         56.00         293         51.00           51         85.00         112         73.00         173         63.00         234         56.00         295         50.00           53         85.00         114         72.00         175         63.00		88.00		74.00			225	57.00		
44         87.00         105         74.00         166         64.00         227         57.00         288         51.00           45         87.00         106         74.00         167         64.00         228         57.00         289         51.00           46         87.00         107         74.00         168         64.00         229         57.00         290         51.00           47         86.00         108         74.00         169         64.00         230         57.00         291         51.00           48         86.00         109         73.00         170         64.00         231         56.00         292         51.00           49         86.00         110         73.00         171         64.00         233         56.00         293         51.00           50         86.00         111         73.00         173         63.00         233         56.00         295         50.00           51         85.00         113         73.00         174         63.00         235         56.00         295         50.00           53         85.00         114         72.00         176         63.00			104	74.00				57.00		
46         87.00         107         74.00         168         64.00         229         57.00         290         51.00           47         86.00         108         74.00         169         64.00         230         57.00         291         51.00           48         86.00         109         73.00         170         64.00         231         56.00         292         51.00           49         86.00         110         73.00         171         64.00         233         56.00         293         51.00           50         86.00         111         73.00         172         64.00         233         56.00         293         51.00           51         85.00         112         73.00         173         63.00         234         56.00         295         50.00           52         85.00         113         73.00         175         63.00         235         56.00         296         50.00           53         85.00         115         72.00         175         63.00         236         56.00         298         50.00           54         85.00         116         72.00         176         63.00	44	87.00	105	74.00	166	64.00		57.00		51.00
47         86.00         108         74.00         169         64.00         230         57.00         291         51.00           48         86.00         109         73.00         170         64.00         231         56.00         292         51.00           49         86.00         110         73.00         171         64.00         232         56.00         293         51.00           50         86.00         111         73.00         172         64.00         233         56.00         294         51.00           51         85.00         112         73.00         173         63.00         234         56.00         295         50.00           52         85.00         113         73.00         174         63.00         235         56.00         296         50.00           53         85.00         114         72.00         175         63.00         236         56.00         297         50.00           54         85.00         115         72.00         176         63.00         237         56.00         298         50.00           55         85.00         116         72.00         178         63.00	45	87.00	106	74.00	167	64.00	228	57.00	289	51.00
48         86.00         109         73.00         170         64.00         231         56.00         292         51.00           49         86.00         110         73.00         171         64.00         232         56.00         293         51.00           50         86.00         111         73.00         172         64.00         233         56.00         294         51.00           51         85.00         112         73.00         173         63.00         234         56.00         295         50.00           52         85.00         113         73.00         174         63.00         235         56.00         296         50.00           53         85.00         114         72.00         175         63.00         236         56.00         297         50.00           54         85.00         116         72.00         176         63.00         237         56.00         298         50.00           55         85.00         116         72.00         178         63.00         238         56.00         299         50.00           57         84.00         117         72.00         180         63.00	46	87.00			168	64.00		57.00		51.00
49       86.00       110       73.00       171       64.00       232       56.00       293       51.00         50       86.00       111       73.00       172       64.00       233       56.00       294       51.00         51       85.00       112       73.00       173       63.00       234       56.00       295       50.00         52       85.00       113       73.00       174       63.00       235       56.00       296       50.00         53       85.00       114       72.00       175       63.00       236       56.00       297       50.00         54       85.00       115       72.00       176       63.00       237       56.00       298       50.00         55       85.00       116       72.00       177       63.00       238       56.00       299       50.00         56       84.00       117       72.00       178       63.00       239       56.00       299       50.00         57       84.00       118       72.00       179       63.00       241       55.00         58       84.00       120       71.00       181	47	86.00	108		169	64.00		57.00	291	51.00
50         86.00         111         73.00         172         64.00         233         56.00         294         51.00           51         85.00         112         73.00         173         63.00         234         56.00         295         50.00           52         85.00         113         73.00         174         63.00         235         56.00         296         50.00           53         85.00         114         72.00         175         63.00         236         56.00         297         50.00           54         85.00         115         72.00         176         63.00         237         56.00         298         50.00           55         85.00         116         72.00         177         63.00         238         56.00         299         50.00           56         84.00         117         72.00         178         63.00         239         56.00         300         50.00           57         84.00         118         72.00         180         63.00         241         55.00           59         84.00         120         71.00         181         62.00         242         55.00	48	86.00	109	73.00	170	64.00		56.00	292	51.00
51         85.00         112         73.00         173         63.00         234         56.00         295         50.00           52         85.00         113         73.00         174         63.00         235         56.00         296         50.00           53         85.00         114         72.00         175         63.00         236         56.00         297         50.00           54         85.00         115         72.00         176         63.00         237         56.00         298         50.00           55         85.00         116         72.00         177         63.00         238         56.00         299         50.00           56         84.00         117         72.00         178         63.00         238         56.00         299         50.00           57         84.00         118         72.00         179         63.00         240         56.00         300         50.00           58         84.00         119         72.00         180         63.00         241         55.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
52         85.00         113         73.00         174         63.00         235         56.00         296         50.00           53         85.00         114         72.00         175         63.00         236         56.00         297         50.00           54         85.00         115         72.00         176         63.00         237         56.00         298         50.00           55         85.00         116         72.00         177         63.00         238         56.00         299         50.00           56         84.00         117         72.00         178         63.00         239         56.00         300         50.00           57         84.00         118         72.00         179         63.00         240         56.00         300         50.00           58         84.00         119         72.00         180         63.00         241         55.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00<										
53         85.00         114         72.00         175         63.00         236         56.00         297         50.00           54         85.00         115         72.00         176         63.00         237         56.00         298         50.00           55         85.00         116         72.00         177         63.00         238         56.00         299         50.00           56         84.00         117         72.00         178         63.00         239         56.00         300         50.00           57         84.00         118         72.00         179         63.00         240         56.00         300         50.00           58         84.00         119         72.00         180         63.00         241         55.00         50.00         241         55.00         242         55.00         66.00         242         55.00         66.00         242         55.00         66.00         243         55.00         244         55.00         66         83.00         123         71.00         183         62.00         244         55.00         245         55.00         246         55.00         246         55.00										
54         85.00         115         72.00         176         63.00         237         56.00         298         50.00           55         85.00         116         72.00         177         63.00         238         56.00         299         50.00           56         84.00         117         72.00         178         63.00         239         56.00         300         50.00           57         84.00         118         72.00         180         63.00         240         56.00         56.00         56.00         56.00         240         56.00         56.00         56.00         56.00         240         56.00         56.00         56.00         240         56.00         56.00         56.00         240         56.00         240         56.00         240         56.00         241         55.00         242         55.00         242         55.00         242         55.00         242         55.00         242         55.00         242         55.00         244         55.00         244         55.00         244         55.00         244         55.00         246         55.00         246         55.00         246         55.00         246         55.										
55         85.00         116         72.00         177         63.00         238         56.00         299         50.00           56         84.00         117         72.00         178         63.00         239         56.00         300         50.00           57         84.00         118         72.00         180         63.00         240         56.00         56.00         56.00         241         55.00         55.00         241         55.00         241         55.00         242         55.00         242         55.00         242         55.00         242         242         55.00         242         25.00         243         55.00         244         55.00         244         55.00         244         55.00         244         55.00         244         55.00         244         55.00         244         55.00         244         55.00         244         55.00         244         55.00         246         25.00         246         25.00         246         25.00         246         25.00         246         25.00         246         25.00         246         25.00         246         25.00         246         25.00         247         25.00         248 <td></td>										
56         84.00         117         72.00         178         63.00         239         56.00         300         50.00           57         84.00         118         72.00         179         63.00         240         56.00         56.00         56.00         56.00         56.00         241         55.00         55.00         59         84.00         120         71.00         181         62.00         242         55.00         66.00         243         55.00         66.00         243         55.00         66.00         244         55.00         66.00         244         55.00         66.00         244         55.00         66.00         244         55.00         66.00         245         55.00         66.00         246         55.00         66.00         246         55.00         246         55.00         246         55.00         246         55.00         246         55.00         247         55.00         248         55.00         248         55.00         248         55.00         248         55.00         248         55.00         248         55.00         248         55.00         248         55.00         248         25.00         249         25.00         249										
57         84.00         118         72.00         179         63.00         240         56.00           58         84.00         119         72.00         180         63.00         241         55.00           59         84.00         120         71.00         181         62.00         242         55.00           60         83.00         121         71.00         182         62.00         243         55.00           61         83.00         122         71.00         183         62.00         244         55.00           62         83.00         123         71.00         185         62.00         245         55.00           63         83.00         124         71.00         185         62.00         246         55.00           64         82.00         125         71.00         186         62.00         247         55.00           65         82.00         126         70.00         187         62.00         248         55.00           66         82.00         127         70.00         188         61.00         249         55.00           67         82.00         128         70.00										
58     84.00     119     72.00     180     63.00     241     55.00       59     84.00     120     71.00     181     62.00     242     55.00       60     83.00     121     71.00     182     62.00     243     55.00       61     83.00     122     71.00     183     62.00     244     55.00       62     83.00     123     71.00     184     62.00     245     55.00       63     83.00     124     71.00     185     62.00     246     55.00       64     82.00     125     71.00     186     62.00     247     55.00       65     82.00     126     70.00     187     62.00     248     55.00       66     82.00     127     70.00     188     61.00     249     55.00       67     82.00     128     70.00     189     61.00     250     55.00       68     82.00     129     70.00     190     61.00     251     54.00       69     81.00     130     70.00     191     61.00     252     54.00									300	50.00
59         84.00         120         71.00         181         62.00         242         55.00           60         83.00         121         71.00         182         62.00         243         55.00           61         83.00         122         71.00         183         62.00         244         55.00           62         83.00         123         71.00         184         62.00         245         55.00           63         83.00         124         71.00         185         62.00         246         55.00           64         82.00         125         71.00         186         62.00         247         55.00           65         82.00         126         70.00         187         62.00         248         55.00           66         82.00         127         70.00         188         61.00         249         55.00           67         82.00         128         70.00         189         61.00         250         55.00           68         82.00         129         70.00         190         61.00         251         54.00           69         81.00         130         70.00										
60         83.00         121         71.00         182         62.00         243         55.00           61         83.00         122         71.00         183         62.00         244         55.00           62         83.00         123         71.00         184         62.00         245         55.00           63         83.00         124         71.00         185         62.00         246         55.00           64         82.00         125         71.00         186         62.00         247         55.00           65         82.00         126         70.00         187         62.00         248         55.00           66         82.00         127         70.00         188         61.00         249         55.00           67         82.00         128         70.00         189         61.00         250         55.00           68         82.00         129         70.00         190         61.00         251         54.00           69         81.00         130         70.00         191         61.00         252         54.00										
61     83.00     122     71.00     183     62.00     244     55.00       62     83.00     123     71.00     184     62.00     245     55.00       63     83.00     124     71.00     185     62.00     246     55.00       64     82.00     125     71.00     186     62.00     247     55.00       65     82.00     126     70.00     187     62.00     248     55.00       66     82.00     127     70.00     188     61.00     249     55.00       67     82.00     128     70.00     189     61.00     250     55.00       68     82.00     129     70.00     190     61.00     251     54.00       69     81.00     130     70.00     191     61.00     252     54.00										
62     83.00     123     71.00     184     62.00     245     55.00       63     83.00     124     71.00     185     62.00     246     55.00       64     82.00     125     71.00     186     62.00     247     55.00       65     82.00     126     70.00     187     62.00     248     55.00       66     82.00     127     70.00     188     61.00     249     55.00       67     82.00     128     70.00     189     61.00     250     55.00       68     82.00     129     70.00     190     61.00     251     54.00       69     81.00     130     70.00     191     61.00     252     54.00										
63     83.00     124     71.00     185     62.00     246     55.00       64     82.00     125     71.00     186     62.00     247     55.00       65     82.00     126     70.00     187     62.00     248     55.00       66     82.00     127     70.00     188     61.00     249     55.00       67     82.00     128     70.00     189     61.00     250     55.00       68     82.00     129     70.00     190     61.00     251     54.00       69     81.00     130     70.00     191     61.00     252     54.00										
64     82.00     125     71.00     186     62.00     247     55.00       65     82.00     126     70.00     187     62.00     248     55.00       66     82.00     127     70.00     188     61.00     249     55.00       67     82.00     128     70.00     189     61.00     250     55.00       68     82.00     129     70.00     190     61.00     251     54.00       69     81.00     130     70.00     191     61.00     252     54.00										
65     82.00     126     70.00     187     62.00     248     55.00       66     82.00     127     70.00     188     61.00     249     55.00       67     82.00     128     70.00     189     61.00     250     55.00       68     82.00     129     70.00     190     61.00     251     54.00       69     81.00     130     70.00     191     61.00     252     54.00										
66     82.00     127     70.00     188     61.00     249     55.00       67     82.00     128     70.00     189     61.00     250     55.00       68     82.00     129     70.00     190     61.00     251     54.00       69     81.00     130     70.00     191     61.00     252     54.00										
67     82.00     128     70.00     189     61.00     250     55.00       68     82.00     129     70.00     190     61.00     251     54.00       69     81.00     130     70.00     191     61.00     252     54.00										
68     82.00     129     70.00     190     61.00     251     54.00       69     81.00     130     70.00     191     61.00     252     54.00										
69 81.00 130 70.00 191 61.00 252 54.00										
T 70 01.00 F 131 70.00 F 172 01.00 F 233 34.00 F	70	81.00	131	70.00	192	61.00	253	54.00		

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Description	Rate	DPR
79-D HISTORIC BARN	0.00 sf	0.00
79-F FARM STRUCTURE BARN /LOFT/BSMNT	0.00 sf 21.00 sf	0.00 40.00
BARN 1STRY	15.00 sf	40.00
BARN 2STRY	19.00 sf	40.00
BARN/1STY/BSMT	17.00 sf	40.00
BARN/1STY/LOFT	18.00 sf	40.00
BARN-2STRY/BSMNT	20.00 sf	40.00
BARN-2STRY/LOFT BARN-2STRY/LOFT/BSMT	21.00 sf 23.00 sf	40.00 40.00
BARN-POLE	8.00 sf	0.00
BATH HOUSE	20.00 sf	50.00
BOAT HOUSE	30.00 sf	75.00
CABIN	25.00 sf	75.00
CAMPER	20.00 sf	0.00
CANOPY CARDORT METAL EDAME	23.00 sf	0.00
CARPORT METAL FRAME CARPORT WOOD FRAME	8.00 sf 11.00 sf	50.00 50.00
CHAIN LINK FENCE	15.00 ea	0.00
CHICKEN COOPS	11.00 sf	40.00
COMM LIFTS	2,800.00 ea	60.00
CONCRETE SLAB	3.00 sf	0.00
DECK DETACHED	7.00 sf	50.00
DOCKS-BOAT	10.00 sf	0.00 75.00
DOUBLE PUMP ELEVATOR FREIGHT	3,500.00 ea 30,000.00 ea	0.00
ELEVATOR PASSENGER	20,000.00 ea	0.00
FIREPLACE - 1 CUSTOM	5,000.00 ea	0.00
FIREPLACE - 1 STAND	3,000.00 ea	0.00
FIREPLACE - 2 CUSTOM	8,500.00 ea	0.00
FIREPLACE - 2 STAND	5,000.00 ea	0.00
FIREPLACE - 3 CUSTOM	12,000.00 ea	0.00
FIREPLACE - 3 STAND FIREPLACE - 4 CUSTOM	6,500.00 ea 15,000.00 ea	0.00 0.00
FIREPLACE - 4 STAND	8,000.00 ea	0.00
FIREPLACE - 5 CUSTOM	17,500.00 ea	0.00
FIREPLACE - 5 STAND	9,500.00 ea	0.00
FIREPLACE - 6 CUSTOM	19,000.00 ea	0.00
FIREPLACE - 6 STAND	11,000.00 ea	0.00
FOUNDATION GARAGE 1.5S/BSMT	10.00 sf 35.00 sf	60.00 0.00
GARAGE 1.5-STY	26.00 sf	0.00
GARAGE 1.75 STY	27.00 sf	0.00
GARAGE 1.75 STY/BSMT	36.00 sf	0.00
GARAGE 2STRY	28.00 sf	60.00
GARAGE 2STRY/BSMT	37.00 sf	60.00
GARAGE/1-STY/ATTIC	24.00 sf	60.00
GARAGE/1-STY/BSMT GARAGE/ATT/BSMT	31.00 sf 33.00 sf	60.00 0.00
GARAGE-1 STY	22.00 sf	60.00
GAZEBO	12.00 sf	75.00
GENERATOR-COMM	10,000.00 ea	0.00
GREENHOUSE-GLASS	24.00 sf	0.00
GREENHOUSE-POLY	5.00 sf	0.00
HOT TUB	1,500.00 ea	0.00
IN GRND POOL/GUNITE IN GRND POOL/VINYL	33.00 sf 28.00 sf	60.00 60.00
INDOOR ARENA	18.00 sf	75.00
KENNELS	12.00 sf	50.00
KILN/CONTROL RM	40.00 sf	0.00
LEAN-TO	4.00 sf	50.00
LIGHTS, PARKING LOT	1,500.00 ea	0.00
LOADING DOCKS	35.00 sf	0.00
LUMBER KILN MIXING PUMP	25.00 sf 2,500.00 ea	0.00 75.00
PATIO AREA	7.00 sf	50.00
PAVING	3.25 sf	60.00
PINE HAVEN - ELEC	850.00 ea	0.00
PINE HAVEN - TENT	850.00 ea	0.00
DINIE HAMEN W/E	1,100.00 ea	0.00
PINE HAVEN - W/E		
PINE HAVEN - W/E/S	1,500.00 ea	0.00
	1,500.00 ea 1,300.00 ea 1,000.00 ea	0.00 0.00 0.00

Description	Rate	DPR
POOL-ENCLOSED	30.00 sf	0.00
PORCH	10.00 sf	0.00
SAUNA	28.00 sf	50.00
SCALE 40 TON	43,000.00 ea	0.00
SCALE 50 TON	48,700.00 ea	0.00
SCALE 60 TON	55,000.00 ea	0.00
SCALE 70 TON	63,500.00 ea	0.00
SCREENHOUSE	14.00 sf	50.00
SHED-EQUIPMENT	6.00 sf	0.00
SHED-METAL	5.00 sf	60.00
SHED-WOOD	7.00 sf	50.00
SHOP-AVG	18.00 sf	0.00
SHOP-EX	25.00 sf	0.00
SHOP-GOOD	21.00 sf	0.00
SILO-BRICK	32.00 sf	0.00
SILO-CONCRETE	27.00 sf	40.00
SILO-STEEL	32.00 sf	40.00
SILO-WOOD FRAME	22.00 sf	40.00
SINGLE PUMP	1,600.00 ea	75.00
SOLAR ELECTRIC PANEL	0.00 ea	0.00
SOLAR H2O PANELS	0.00 ea	0.00
SPRINKLER HEADS	150.00 ea	75.00
STABLES	18.00 sf	50.00
SWAIN BRK - ELECTRIC	850.00 ea	0.00
SWAIN BRK - W/E	1,100.00 ea	0.00
SWAIN BRK - W/S	1,300.00 ea	0.00
SWAIN BRK - W/S/E	1,500.00 ea	0.00
SWAIN BRK - WATER	1,000.00 ea	0.00
SWAIN BRK-TENT SITE	850.00 ea	0.00
TANKS-FUEL/WATER	3.00 ea	0.00
TENNIS COURT(S)	18,000.00 ea	50.00
VAULTS	110.00 ea	0.00
WALK IN COOLER	45.00 sf	0.00

Wentworth
Features & Outbuildings Size Adjustment Factors

Area	Adj.	Area	Adj.	Area	Adj.	Area	Adj.	Area	Adj.
	4.00	165	1.57	285	1.16	495	0.92	1,885	0.68
50	3.80	170	1.54	290	1.15	510	0.91	2,135	0.67
55	3.51	175	1.51	295	1.14	525	0.90	2,465	0.66
60	3.27	180	1.49	300	1.13	545	0.89	2,910	0.65
65	3.06	185	1.46	305	1.12	565	0.88	3,560	0.64
70	2.89	190	1.44	315	1.11	585	0.87	4,575	0.63
75	2.73	195	1.42	320	1.10	605	0.86	6,405	0.62
80	2.60	200	1.40	325	1.09	630	0.85	10,670	0.61
85	2.48	205	1.38	330	1.08	655	0.84	32,000	0.60
90	2.38	210	1.36	340	1.07	685	0.83		
95	2.28	215	1.34	345	1.06	715	0.82		
100	2.20	220	1.33	355	1.05	745	0.81		
105	2.12	225	1.31	360	1.04	785	0.80		
110	2.05	230	1.30	370	1.03	825	0.79		
115	1.99	235	1.28	380	1.02	865	0.78		
120	1.93	240	1.27	390	1.01	915	0.77		
125	1.88	245	1.25	400	1.00	970	0.76		
130	1.83	250	1.24	410	0.99	1,035	0.75		
135	1.79	255	1.23	420	0.98	1,105	0.74		
140	1.74	260	1.22	430	0.97	1,190	0.73		
145	1.70	265	1.20	440	0.96	1,280	0.72		
150	1.67	270	1.19	455	0.95	1,395	0.71		
155	1.63	275	1.18	465	0.94	1,525	0.70		
160	1.60	280	1.17	480	0.93	1,685	0.69		

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Building Base Rate Codes & Values						
Code	Description	Stand. Dpr.	Rate	SA		
CDO	DORMITORIES	1.25	75.00	COM		
CIN	INN/ BED&BREAKFAST	1.00	78.00	COM		
COA	OFFICE/APT	1.25	77.00	RES		
COF	OFFICES	1.25	77.00	COM		
CRG	RIDING ARENA	1.00	15.00	COM		
CSG	SERVICE GARAGE	1.00	40.00	COM		
CST	STORES	1.00	70.00	COM		
CWH	MINI-WAREHOUSE	1.00	21.00	COM		
EDH	DINING HALL	1.00	50.00	RES		
EDW	EXEMPT DOUBLEWIDE	1.50	65.00	MFH		
ELB	LIBRARY	1.00	100.00	RES		
EMC	EXEMPT CAMPER	7.00	38.00	MFH		
EMH	EXEMPT SINGLEWIDE MH	2.00	40.00	MFH		
EPF	SAFETY COMPLEX	1.00	85.00	RES		
ERM	EXEMPT MULTI-FAMILY	1.50	75.00	RES		
ERS	EX RESIDENTIAL	1.00	80.00	RES		
ESG	EX SERVICE GARAGE	1.00	40.00	RES		
ETH	TOWN HALL	1.00	95.00	RES		
ETO	TOWN OFFICE	1.00	85.00	RES		
ETS	TRAIN STATION	1.00	60.00	RES		
EXC	CHURCHES	1.00	92.00	COM		
EXF	FIRESTATION BLDGS	1.00	50.00	COM		
EXH	EXEMPT HOUSING	1.25	77.00	RES		
EXL	EXEMPT CLUBS/LODGES	1.00	80.00	RES		
EXM	MUNICIPAL BUILDINGS	1.00	60.00			
EXR	CHURCH RECTORY	1.00	90.00	RES		
EXS	SCHOOLS/ COLLEGES	1.00	100.00	COM		
IND	LIGHT INDUSTRIAL	1.25	30.00	IND		
MHC	CAMPER	7.00	38.00	MFH		
MHD	DOUBLE WIDE MH	1.50	65.00	MFH		
MHS	SINGLE WIDE MH	2.00	40.00	MFH		
RDH	RES DINING HALL	1.00	50.00			
RSA	RESIDENTIAL	1.25	77.00	RES		
RSM	MULTIFAMILY	1.50	75.00	RES		

	<b>Building Quality Adjustments</b>				
Code	Description	Factor			
A0	AVG	1.00			
A1	AVG+10	1.10			
A2	AVG+20	1.20			
A3	AVG+30	1.30			
B1	AVG-10	0.90			
B2	AVG-20	0.80			
В3	AVG-30	0.70			
B4	AVG-40	0.60			
B5	AVG-50	0.50			
AB	BEST	3.00			
A4	EXC	1.40			
A5	EXC+10	1.50			
A6	EXC+20	1.60			
A7	EXC+40	1.80			
A8	EXC+60	2.00			
A9	LUXURIOUS	2.50			
AA	SPECIAL USE	3.00			

	Building Sub Area Codes & Values	
Code	Description	Factor
ATF	ATTIC FINISHED	0.25
ATU	ATTIC UNFINISHED	0.10
BMF	BSMNT FINISHED	0.30
BMG	BASEMENT GARAGE	0.20
BMU	BSMNT UNFINISHED	0.15
COF	COM OFFICE AREA	1.75
CPT	CARPORT ATTACHED	0.10
CRL	CRAWL SPACE	0.05
CTH	CATHEDRAL CEILING	0.10
DEK	DECK/ENTRANCE	0.10
ENT	ENTRY	0.10
EPF	ENCLSD PORCH	0.70
EPU	COVERED BSMNT ENTRY	0.35
FFF	FST FLR FIN	1.00
FFU	FST FLR UNFIN	0.50
GAR	GARAGE ATTACHED	0.45
HSF	1/2 STRY FIN	0.50
HSU	1/2 STRY UNFIN	0.25
LDK	LOADING AREA	0.20
OFF	OFFICE AREA	1.00
OPF	OPEN PORCH	0.25
PAT	PATIO	0.10
PRS	PIER FOUNDATION	-0.05
RBF	RAISED BSMNT FIN	0.50
RBU	RAISED BSMNT UNFIN	0.25
SFA	SEMI-FINISH AREA	0.75
SLB	SLB FOUNDATION	0.00
STO	STORAGE AREA	0.25
TQF	3/4 STRY FIN	0.75
TQU	3/4 STRY UNFIN	0.35
UFF	UPPER FLR FIN	1.00
UFU	UPPER FLR UNFIN	0.50
VLT	VAULTED CEILING	0.05

	Building Story Codes & Values	
Code	Description	Factor
A	1.00 STORY FRAME	1.00
В	1.50 STORY FRAME	0.98
C	1.75 STORY FRAME	0.97
D	2.00 STORY FRAME	0.95
Е	2.50 STORY FRAME	0.90
F	2.75 STORY FRAME	0.90
G	3.00 STORY FRAME	0.85
Н	3.50+ STORY FRAME	0.80
I	SPLIT LEVEL	1.00

	Building Roof Structures					
Code	Description	Points				
A	FLAT	2.00				
В	SHED	2.00				
C	GABLE HIP	3.00				
D	WOOD TRUSS	4.00				
E	SALT BOX	4.00				
F	MANSARD	5.00				
G	GAMBREL	5.00				
Н	IRREGULAR	6.00				

	<b>Building Exterior Wall Materials</b>	
Code	Description	Points
1	DECORATIVE BLOCK	36.00
A	MINIMUM	18.00
В	BELOW AVG	24.00
C	NOVELTY	34.00
D	AVERAGE	34.00
Е	BOARD/BATTEN	34.00
F	ASBEST SHNGL	30.00
G	LOGS	34.00
Н	ABOVE AVG	37.00
I	CLAP BOARD	34.00
J	CEDAR/REDWD	37.00
K	PREFAB WD PNL	32.00
L	WOOD SHINGLE	34.00
M	CNCRT OR BLK	28.00
N	CB STUCCO	34.00
О	ASPHALT	30.00
P	BRK VENEER	37.00
Q	BR ON MASONRY	40.00
R	STN ON MASONRY	42.00
S	VINYL SIDING	35.00
T	ALUM SIDING	35.00
U	PREFIN METAL	38.00
V	GLASS/THERMO	40.00
W	CEMENT CLAPBOARD	36.00
X	MASONITE	28.00

	<b>Building Interior Wall Materials</b>					
Code	Description	Points				
A	MINIMUM	8.00				
В	WALL BOARD	22.00				
C	PLASTERED	27.00				
D	DRYWALL	27.00				
Е	WOOD	30.00				
F	PLYWOOD PANEL	27.00				
G	WOOD/LOG	30.00				
Н	AVERAGE FOR USE	22.00				
J	CONCRETE	8.00				

<b>Building Heating Fuel Types</b>					
Code	Description	Points			
A	WOOD/COAL	0.50			
В	OIL	1.00			
C	GAS	1.00			
D	ELECTRIC	1.00			
E	SOLAR	1.10			

	Building Roof Materials	
Code	Description	Points
A	METAL/TIN	2.00
В	ROLLED/COMPO	2.00
C	ASPHALT	3.00
D	TAR/GRAVEL	3.00
F	ASBEST SHNGL	3.00
G	CLAY/TILE	7.00
Н	WD SHINGLE	5.00
I	SLATE	6.00
J	CORRUGATED COMP	3.00
K	PREFAB METALS	6.00
L	RUBBER MEMBRANE	5.00
N	HIGH QUALITY COMP	7.00
S	STANDING SEAM	6.00

	Building Frame Materials	
Code	Description	Factor
A	WOOD	100.00
В	MASONRY	110.00
C	REIN-CONCRETE	110.00
D	STEEL	115.00
Е	SPECIAL	115.00

	<b>Building Interior Floor Materials</b>	
Code	Description	Points
A	MIN PLYWD	5.00
В	CONCRETE	6.00
C	HARD TILE	12.00
D	LINOLEUM OR SIM	7.00
E	PINE/SOFT WD	10.00
F	HARDWOOD	11.00
G	PARQUET	12.00
Н	CARPET	9.00
P	PERGO/LAMINATE	9.00

	<b>Building Heating System Types</b>	
Code	Description	Points
A	NONE	0.00
В	CONVECTION	2.00
C	FA NO DUCTS	3.00
D	FA DUCTED	6.00
Е	HOT WATER	6.00
F	STEAM	5.00
G	RAD ELECT	3.00
Н	RAD WATER	6.00
I	CERAMIC/QUARTS	4.00
J	HEAT PUMP	6.00
K	WALL/FLR FURNACE	6.00

Building Accessories	
Description	Points
CENTRAL AIR CONDITIONING	4.00
EXTRA KITCHEN	2.00
FIREPLACE	0.00
GENERATOR	2.00

	Building Bedroom & Bathroom Points						
				Bedroo	ms		
		0	1	2	3	4	> 4
	0.0	0	2	3	4	5	6
	0.5	6	7	7	8	8	9
	1.0	9	10	10	11	11	12
	1.5	12	11	12	13	14	15
Bathrooms	2.0	13	12	13	14	15	16
Datinoonis	2.5	14	13	13	14	15	16
	3.0	15	14	14	15	16	17
	3.5	16	14	14	15	16	17
	4.0	17	14	15	16	17	18
	> 4.0	18	14	15	16	17	18

Standard Age Only Building Depreciation Schedule

#### **Building Age Condition Classifications**

Age	Very Poor	Poor	Fair	Average	Good	Very Good	Excellent
1	5	4	3	1	1	1	1
5	11	9	7	5	4	3	2
10	16	13	9	8	6	5	3
15	19	15	12	10	8	6	4
20	22	18	13	11	9	7	4
30	27	22	16	14	11	8	5
40	32	25	19	16	13	9	6
50	35	28	21	18	14	11	7
60	39	31	23	19	15	12	8
70	42	33	25	21	17	13	8
80	45	36	27	22	18	13	9
90	47	38	28	24	19	14	9
100	50	40	30	25	20	15	10
125	56	45	34	28	22	17	11
150	61	49	37	31	24	18	12
175	66	53	40	33	26	20	13
200	71	57	42	35	28	21	14
225	75	60	45	38	30	23	15
250	79	63	47	40	32	24	16
275	83	66	50	41	33	25	17
300	87	69	52	43	35	26	17

Depreciation can also be added for physical, functional, or economic reasons or conditions over and above the normal age depreciation.

The standard age depreciation can be further adjusted based on the standard depreciation rate of various buildings. The standard depreciation rate of residential buildings is typically 1%, while manufactured housing might be 3%. As such, a 10 year-old house in good condition would have 6% total depreciation, while similar manufactured homes would have 18% depreciation. See Building Base Rate Codes & Values chart for unique depreciation by building type.

Wentworth
Residential Building Area Size Adjustment Factors
Median Effective Area = 1625sf Fixed Site Cost Adjustment = 25%

Size	Adj.	Size	Adj.	Size	Adj.	Size	Adj.	Size	Adj.
125	4.00	186	2.94	260	2.31	428	1.70	1,195	1.09
126	3.98	187	2.92	262	2.30	432	1.69	1,231	1.08
127	3.96	188	2.91	264	2.29	437	1.68	1,270	1.07
128	3.93	189	2.90	266	2.28	442	1.67	1,310	1.06
129	3.91	190	2.89	267	2.27	446	1.66	1,354	1.05
130	3.88	191	2.88	269	2.26	451	1.65	1,401	1.04
131	3.86	192	2.87	271	2.25	456	1.64	1,451	1.03
132	3.83	193	2.86	273	2.24	462	1.63	1,505	1.02
133	3.81	194	2.84	274	2.23	467	1.62	1,562	1.01
134	3.79	195	2.83	276	2.22	472	1.61	1,625	1.00
135	3.77	196	2.82	278	2.21	478	1.60	1,693	0.99
136	3.74	197	2.81	280	2.20	484	1.59	1,766	0.98
137	3.72	198	2.80	282	2.19	489	1.58	1,847	0.97
138	3.72	199	2.79	284	2.18	495	1.57	1,935	0.96
139	3.68	200	2.78	286	2.17	502	1.56	2,031	0.95
140	3.66	201	2.77	288	2.17	508	1.55	2,138	0.93
140	3.64	201		290	2.15	514	1.54	2,138	0.94
141	3.62	202	2.76 2.75	290	2.13	521	1.54	2,237	0.93
143	3.60	204	2.74	294	2.13	528	1.52	2,539	0.91
144	3.58	205	2.73	297	2.12	535	1.51	2,708	0.90
145	3.56	206	2.72	299	2.11	542	1.50	2,902	0.89
146	3.54	207	2.71	301	2.10	549	1.49	3,125	0.88
147	3.52	208	2.70	303	2.09	557	1.48	3,385	0.87
148	3.50	209	2.69	305	2.08	564	1.47	3,693	0.86
149	3.48	210	2.68	308	2.07	572	1.46	4,063	0.85
150	3.46	212	2.67	310	2.06	580	1.45	4,514	0.84
151	3.44	213	2.66	313	2.05	589	1.44	5,078	0.83
152	3.43	214	2.65	315	2.04	597	1.43	5,804	0.82
153	3.41	215	2.64	317	2.03	606	1.42	6,771	0.81
154	3.39	216	2.63	320	2.02	616	1.41	8,125	0.80
155	3.37	217	2.62	322	2.01	625	1.40	10,156	0.79
156	3.36	218	2.61	325	2.00	635	1.39	13,542	0.78
157	3.34	220	2.60	328	1.99	645	1.38	20,312	0.77
158	3.32	221	2.59	330	1.98	655	1.37	40,625	0.76
159	3.31	222	2.58	333	1.97	666	1.36	100,000	0.75
160	3.29	223	2.57	336	1.96	677	1.35	200,000	0.7520
161	3.28	224	2.56	339	1.95	689	1.34	300,000	0.7514
162	3.26	226	2.55	341	1.94	700	1.33	400,000	0.7510
163	3.24	227	2.54	344	1.93	713	1.32	500,000	0.7508
164	3.23	228	2.53	347	1.92	725	1.31	600,000	0.7507
165	3.21	230	2.52	350	1.91	739	1.30	700,000	0.7506
166	3.20	231	2.51	353	1.90	752	1.29	800,000	0.7505
167	3.18	232	2.50	356	1.89	767	1.28	900,000	0.7505
168	3.17	233	2.49	360	1.88	781	1.27	1,000,000	0.7504
169	3.16	235	2.48	363	1.87	797	1.26		
170	3.14	236	2.47	366	1.86	812	1.25		
171	3.13	238	2.46	369	1.85	829	1.24		
172	3.11	239	2.45	373	1.84	846	1.23		
173	3.10	240	2.44	376	1.83	864	1.22		
174	3.09	242	2.43	380	1.82	883	1.21		
175	3.07	243	2.42	383	1.81	903	1.20		
176	3.06	245	2.41	387	1.80	923	1.19		
177	3.05	246	2.40	391	1.79	945	1.18		
178	3.03	248	2.39	394	1.78	967	1.17		
179	3.02	249	2.38	398	1.77	991	1.16		
180	3.01	251	2.37	402	1.76	1,016	1.15		
181	3.00	252	2.36	406	1.75	1,042	1.14		
182	2.98	254	2.35	410	1.74	1,069	1.13		
183	2.97	256	2.34	415	1.73	1,098	1.12		
184	2.96	257	2.33	419	1.72	1,128	1.11		
185	2.95	259	2.32	423	1.71	1,161	1.10		
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Wentworth
Commercial Building Area Size Adjustment Factors
Median Effective Area = 2900sf Fixed Site Cost Adjustment = 25%

Size	Adj.	Size	Adj.	Size	Adj.	Size	Adj.	Size	Adj.
223	4.00	292	3.23	403	2.55	647	1.87	1,648	1.19
224	3.99	292	3.23	405	2.53	653	1.86	1,686	1.19
225	3.97	295	3.21	407	2.53	659	1.85	1,726	1.17
226	3.96	296	3.20	410	2.52	665	1.84	1,768	1.16
227	3.95	297	3.19	412	2.51	671	1.83	1,813	1.15
228	3.93	298	3.18	414	2.50	678	1.82	1,859	1.14
229	3.92	300	3.17	417	2.49	684	1.81	1,908	1.13
230	3.90	301	3.16	419	2.48	690	1.80	1,959	1.12
231	3.89	302	3.15	422	2.47	697	1.79	2,014	1.11
232	3.88	303	3.14	424	2.46	704	1.78	2,071	1.10
233	3.86	305	3.13	426	2.45	711	1.77	2,132	1.09
234	3.85	306	3.12	429	2.44	718	1.76	2,197	1.08
235	3.84	307	3.11	432	2.43	725	1.75	2,266	1.07
236	3.82	309	3.10	434	2.42	732	1.74	2,339	1.06
237	3.81	310	3.09	437	2.41	740	1.73	2,417	1.05
238	3.80	311	3.08	439	2.40	747	1.72	2,500	1.04
239	3.78	313	3.07	442	2.39	755	1.71	2,589	1.03
240	3.77	314	3.06	445	2.38	763	1.70	2,685	1.02
241	3.76	315	3.05	448	2.37	771	1.69	2,788	1.01
242	3.75	317	3.04	450	2.36	780	1.68	2,900	1.00
243	3.73	318	3.03	453	2.35	788	1.67	3,021	0.99
244	3.72	319	3.02	456	2.34	797	1.66	3,152	0.98
245	3.71	321	3.01	459	2.33	806	1.65	3,295	0.97
246	3.70	322	3.00	462	2.32	815	1.64	3,452	0.96
247	3.69	324	2.99	465	2.31	824	1.63	3,625	0.95
248	3.67	325	2.98	468	2.30	833	1.62	3,816	0.94
249	3.66	327	2.97	471	2.29	843	1.61	4,028	0.93
250	3.65	328	2.96	474	2.28	853	1.60	4,265	0.92
251	3.64	330	2.95	477	2.27	863	1.59	4,531	0.91
252	3.63	331	2.94	480	2.26	873	1.58	4,833	0.90
253	3.62	333	2.93	483	2.25	884	1.57	5,179	0.89
254	3.60	334	2.92	487	2.24	895 906	1.56	5,577	0.88
255 256	3.59 3.58	336 337	2.91 2.90	490 493	2.23 2.22	906	1.55 1.54	6,042 6,591	0.87 0.86
257	3.58	337	2.89	493 497	2.22	918	1.54	7,250	0.86
258	3.56	340	2.88	500	2.21	942	1.53	8,056	0.83
259	3.55	342	2.87	503	2.19	954	1.51	9,063	0.83
260	3.54	344	2.86	507	2.18	967	1.50	10,357	0.83
261	3.53	345	2.85	511	2.17	980	1.49	12,083	0.81
262	3.52	347	2.84	514	2.16	993	1.48	14,500	0.80
263	3.51	349	2.83	518	2.15	1,007	1.47	18,125	0.79
264	3.50	350	2.82	522	2.14	1,021	1.46	24,167	0.78
265	3.49	352	2.81	525	2.13	1,036	1.45	36,250	0.77
266	3.48	354	2.80	529	2.12	1,051	1.44	72,500	0.76
267	3.47	355	2.79	533	2.11	1,066	1.43	100,000	0.76
268	3.46	357	2.78	537	2.10	1,082	1.42	200,000	0.7536
269	3.45	359	2.77	541	2.09	1,098	1.41	300,000	0.7524
270	3.44	361	2.76	545	2.08	1,115	1.40	400,000	0.7518
271	3.43	362	2.75	549	2.07	1,133	1.39	500,000	0.7514
272	3.42	364	2.74	553	2.06	1,151	1.38	600,000	0.7512
273	3.41	366	2.73	558	2.05	1,169	1.37	700,000	0.7510
274	3.40	368	2.72	562	2.04	1,189	1.36	800,000	0.7509
275	3.39	370	2.71	566	2.03	1,208	1.35	900,000	0.7508
276	3.38	372	2.70	571	2.02	1,229	1.34	1,000,000	0.7507
277	3.37	374	2.69	575	2.01	1,250	1.33	1	
278	3.36	376	2.68	580	2.00	1,272	1.32		
279	3.35	378	2.67	585	1.99	1,295	1.31	1	
280	3.34	380	2.66	589 504	1.98	1,318	1.30	1	
281	3.33	382	2.65	594 500	1.97	1,343	1.29	1	
282 283	3.32 3.31	384 386	2.64	599 604	1.96 1.95	1,368 1,394	1.28	1	
283	3.31	386	2.63 2.62	609	1.95 1.94	1,394 1,422	1.27 1.26	1	
284	3.30	388	2.62	614	1.94	1,422	1.26	1	
283	3.29	390	2.60	620	1.93	1,430	1.23		
288	3.28	392	2.59	625	1.92	1,510	1.24	1	
289	3.26	396	2.58	630	1.90	1,543	1.23	1	
290	3.25	398	2.57	636	1.89	1,576	1.21		
291	3.24	401	2.56	642	1.88	1,611	1.20	1	
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Wentworth
Industrial Building Area Size Adjustment Factors
Median Effective Area = 12500sf Fixed Site Cost Adjustment = 25%

Size	Adj.	Size	Adj.	Size	Adj.	Size	Adj.	Size	Adj.
962	4.00	1,221	3.31	1,671	2.62	2,648	1.93	6,378	1.24
965	3.99	1,225	3.30	1,680	2.61	2,671	1.92	6,510	1.23
967	3.98	1,230	3.29	1,689	2.60	2,694	1.91	6,649	1.22
970	3.97	1,235	3.28	1,698	2.59	2,717	1.90	6,793	1.21
974	3.96	1,240	3.27	1,708	2.58	2,741	1.89	6,944	1.20
977	3.95	1,245	3.26	1,717	2.57	2,765	1.88	7,102	1.19
980	3.94	1,250	3.25	1,727	2.56	2,790	1.87	7,267	1.18
983	3.93	1,255	3.24	1,736	2.55	2,815	1.86	7,440	1.17
986	3.92	1,260	3.23	1,746	2.54	2,841	1.85	7,622	1.16
989	3.91	1,265	3.22	1,756	2.53	2,867	1.84	7,813	1.15
992	3.90	1,270	3.21	1,766	2.52	2,894	1.83	8,013	1.14
995	3.89	1,276	3.20	1,776	2.51	2,921	1.82	8,224	1.13
998	3.88	1,281	3.19	1,786	2.50	2,948	1.81	8,446	1.12
1,002	3.87	1,286	3.18	1,796	2.49	2,976	1.80	8,681	1.11
1,005	3.86	1,291	3.17	1,806	2.48	3,005	1.79	8,929	1.10
1,008	3.85	1,297	3.16	1,817	2.47	3,034	1.78	9,191	1.09
1,011	3.84	1,302	3.15	1,827	2.46	3,064	1.77	9,470	1.08
1,015	3.83	1,308	3.14	1,838	2.45	3,094	1.76	9,766	1.07
1,018	3.82	1,313	3.13	1,849	2.44	3,125	1.75	10,081	1.06
1,021	3.81	1,319	3.12	1,860	2.43	3,157	1.74	10,417	1.05
1,025	3.80	1,324	3.11	1,871	2.42	3,189	1.73	10,776	1.04
1,028	3.79	1,330	3.10	1,883	2.41	3,222	1.72	11,161	1.03
1,031	3.78	1,335	3.09	1,894	2.40	3,255	1.71	11,574	1.02
1,035	3.77	1,341	3.08	1,905	2.39	3,289	1.70	12,019	1.01
1,038	3.76	1,347	3.07	1,917	2.38	3,324	1.69	12,500	1.00
1,042	3.75	1,353	3.06	1,929	2.37	3,360	1.68	13,021	0.99
1,045	3.74	1,359	3.05	1,941	2.36	3,397	1.67	13,587	0.98
1,049	3.73	1,365	3.04	1,953	2.35	3,434	1.66	14,205	0.97
1,052	3.72	1,371	3.03	1,965	2.34	3,472	1.65	14,881	0.96
1,056	3.71	1,377	3.02	1,978	2.33	3,511	1.64	15,625	0.95
1,059	3.70	1,383	3.01	1,990	2.32	3,551	1.63	16,447	0.94
1,063	3.69	1,389	3.00	2,003	2.31	3,592	1.62	17,361	0.93
1,067	3.68	1,395	2.99	2,016	2.30	3,634	1.61	18,382	0.92
1,070	3.67	1,401	2.98	2,029	2.29	3,676	1.60	19,531	0.91
1,074	3.66	1,408	2.97	2,042	2.28	3,720	1.59	20,833	0.90
1,078	3.65	1,414	2.96	2,056	2.27	3,765	1.58	22,321	0.89
1,081	3.64	1,420	2.95	2,070	2.26	3,811	1.57	24,038	0.88
1,085	3.63	1,427	2.94	2,083	2.25	3,858	1.56	26,042	0.87
1,089	3.62	1,433	2.93	2,097	2.24	3,906	1.55	28,409	0.86
1,093	3.61	1,440	2.92	2,111	2.23	3,956	1.54	31,250	0.85
1,096	3.60	1,447	2.91	2,126	2.22	4,006	1.53	34,722	0.84
1,100	3.59	1,453	2.90	2,140	2.21	4,058	1.52	39,063	0.83
1,104	3.58	1,460	2.89	2,155	2.20	4,112	1.51	44,643	0.82
1,108	3.57	1,467	2.88	2,170	2.19	4,167	1.50	52,083	0.81
1,112	3.56	1,474	2.87	2,185	2.18	4,223	1.49	62,500	0.80
1,116	3.55	1,481	2.86	2,201	2.17	4,281	1.48	78,125	0.79
1,120	3.54	1,488	2.85	2,216	2.16	4,340	1.47	104,167	0.7800
1,124	3.53	1,495	2.84	2,232	2.15	4,401	1.46	156,250	0.7700
1,128	3.52	1,502	2.83	2,248	2.14	4,464	1.45	312,500	0.7600
1,132	3.51	1,510	2.82	2,264	2.13	4,529	1.44	400,000	0.7578
1,136	3.50	1,517	2.81	2,281	2.12	4,596	1.43	500,000	0.7562
1,141	3.49	1,524	2.80	2,298	2.11	4,664	1.42	600,000	0.7552
1,145	3.48	1,532	2.79	2,315	2.10	4,735	1.41	700,000	0.7545
1,149	3.47	1,539	2.78	2,332	2.09	4,808	1.40	800,000	0.7539
1,153	3.46	1,547	2.77	2,350	2.08	4,883	1.39	900,000	0.7535
1,157	3.45	1,555	2.76	2,367	2.07	4,960	1.38	1,000,000	0.7531
1,162	3.44	1,562	2.75	2,385	2.06	5,040	1.37	1	
1,166	3.43	1,570	2.74	2,404	2.05	5,123	1.36	]	
1,170	3.42	1,578	2.73	2,422	2.04	5,208	1.35	1	
1,175	3.41	1,586	2.72	2,441	2.03	5,297	1.34	1	
1,179	3.40	1,594	2.71	2,461	2.02	5,388	1.33		
1,184	3.39	1,603	2.70	2,480	2.01	5,482	1.32	1	
1,188	3.38	1,611	2.69	2,500	2.00	5,580	1.31		
1,193	3.37	1,619	2.68	2,520	1.99	5,682	1.30	1	
1,197	3.36	1,628	2.67	2,541	1.98	5,787	1.29	1	
1,202	3.35	1,636	2.66	2,561	1.97	5,896	1.28		
1,207	3.34	1,645	2.65	2,583	1.96	6,010	1.27	1	
1,211	3.33	1,653	2.64	2,604	1.95	6,127	1.26	1	
1,216	3.32	1,662	2.63	2,626	1.94	6,250	1.25	1	
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Wentworth

Manufactured Building Area Size Adjustment Factors

Median Effective Area = 982sf Fixed Site Cost Adjustment = 25%

Size	Adj.	Size	Adj.	Size	Adj.	Size	Adj.	Size	Adj.
76	4.00	128	2.67	185	2.08	303	1.56	847	1.04
77	3.95	129	2.66	186	2.07	307	1.55	877	1.03
78	3.91	130	2.64	187	2.06	311	1.54	909	1.02
79	3.87	131	2.63	189	2.05	315	1.53	944	1.01
80	3.83	132	2.61	190	2.04	319	1.52	982	1.00
81	3.79	133	2.60	192	2.03	323	1.51	1,023	0.99
82	3.76	134	2.58	193	2.02	327	1.50	1,067	0.98
83	3.72	135	2.57	195	2.01	332	1.49	1,116	0.97
84	3.69	136	2.56	196	2.00	336	1.48	1,169	0.96
85	3.65	137	2.54	198	1.99	341	1.47	1,228	0.95
86	3.62	138	2.53	200	1.98	346	1.46	1,292	0.94
87	3.58	139	2.52	201	1.97	351	1.45	1,364	0.93
88	3.55	140	2.50	203	1.96	356	1.44	1,444	0.92
89	3.52	141	2.49	205	1.95	361	1.43	1,534	0.91
90	3.49	142	2.48	206	1.94	366	1.42	1,637	0.90
91	3.46	143	2.47	208	1.93	372	1.41	1,754	0.89
92	3.43	144	2.46	210	1.92	378	1.40	1,888	0.88
93	3.40	145	2.44	212	1.91	384	1.39	2,046	0.87
94	3.37	146	2.43	213	1.90	390	1.38	2,232	0.86
95	3.34	147	2.42	215	1.89	396	1.37	2,455	0.85
96	3.34	148	2.42	217	1.88	402	1.36	2,728	0.83
97	3.29	149	2.40	217	1.87	409	1.35	3,069	0.83
98	3.26	150	2.39	221	1.86	416	1.34	3,507	0.83
99	3.24	150	2.39	223	1.85	423	1.34	4,092	0.82
100	3.24	151	2.37	225	1.84	431	1.33	4,092	0.81
100	3.19	153	2.35	227	1.83	438	1.32	6,137	0.80
101	3.19	154	2.34	229	1.82	446	1.31	8,183	0.79
102	3.14	154	2.34	232	1.82	455	1.29	12,275	0.78
103	3.14	156	2.33	234	1.80	463	1.29	24,550	0.77
104	3.12	150	2.31	234	1.79	472	1.28	100,000	0.76
105	3.07	158	2.31	238	1.79	481	1.26	200,000	0.75
100	3.05	159	2.30	238	1.78	491	1.25	300,000	0.7512
107	3.03	160	2.29	241	1.76	501	1.23	400,000	0.7506
108	3.03	162	2.28	243	1.75	511	1.24	500,000	0.7505
110	2.99	163	2.27	248	1.73	522	1.23	600,000	0.7503
110	2.99	164	2.25	248	1.74	534	1.22	700,000	0.7504
111	2.97	165	2.23	253	1.73	546	1.21	800,000	0.7504
113	2.93	166	2.24	256	1.72	558	1.19	900,000	0.7503
113	2.93	167	2.23	258	1.71	571	1.19	1,000,000	0.7503
114	2.89	168	2.22	258	1.70	585	1.18	1,000,000	0.7302
113	2.89	169	2.21	264	1.68	599	1.17		
110	2.87	170	2.20	264 267	1.68	614	1.16	1	
117	2.83	170	2.19	270	1.66	629	1.13	1	
118	2.83	172	2.18	270	1.65	646	1.14		
119	2.82	173	2.17	276	1.63	664	1.13		
120	2.80	174	2.16	276	1.64	682	1.12	1	
121	2.78	173	2.13	282	1.63	701	1.11		
122	2.77							1	
		178 179	2.13	285 289	1.61 1.60	722	1.09		
124	2.73	179	2.12	289 292		744 767	1.08	1	
125	2.72		2.11 2.10	292 296	1.59	792	1.07	1	
126	2.70	182			1.58		1.06		
127	2.69	183	2.09	299	1.57	818	1.05	1	

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Code	Description
00	INVESTIG IN PROGRESS
11	NOT ASSESSD SEPARATE
12	SUBDIVIDED POST ASMT
13 14	IMPROVED POST SALE IMPROVED POST ASMT
15	IMPROVED POST ASMIT IMPRVMNT U/C AT ASMT
16	L/O ASMT - L/B SALE
17	L/B ASMT - L/O SALE
18	MULTIPLE PARCELS
19	NON-PRICE MPC
20	MULTI-TOWN PROPERTY
21	MPC-CAN SELL SEPRTLY
22 23	INDETERMINATE PRICE NO STAMP PER DEED
24	ABUTTER SALE
25	INSUFCNT MKT EXPOSUR
26	MINERAL RIGHTS ONLY
27	LESS THAN 100% INT
28	LIFE EST/DEFER 1YR+
29 30	PLOTAGE/ASMBL IMPACT
31	TIMESHARE EASEMENT/BOATSLIPS
32	TIMBER RIGHTS
33	LNDLRD/TENANT SALE
34	PUBLIC UTIL GRNTR/E
35	GOVMT AGENCY GRNTR/E
36	REL/CHAR/EDU GRNTR/E
37 38	FINANCIAL CO GRNTR/E FAMILY/RELAT GRNTR/E
39	DIVORCE PRTY GRNTR/E
40	BUSIN AFFIL GRNTR/E
41	GOV REL ENT/NHH/FNMA
43	SHORT SALE RQ 3RDPTY
44	NONMKT TRUST GRNTR/E
45 47	BOUNDARY ADJUSTMT OTHR SALE OF CONVENC
48	COURT/SHERIFF SALE
49	DEED INLIEU FORECLSR
50	TAX SALE
51	FORECLOSURE
52	OTHER FORCED SALE
54 56	DEED TO QUIET TITLE OTHER DOUBTFUL TITLE
57	LARGE VALUE IN TRADE
58	INSTALLMENT SALE
60	UNIDENT IN ASSR RECS
66	COMPLEX COMMRCL SALE
67	UNK PERSONAL PROPRTY
69 70	LEASE W/ UNK TERMS BUYR/SELR COST SHIFT
77	ASSMNT ENCUMBRANCES
80	SUBSID/ASSIST HOUSNG
81	ESTATE SALE/FDCY COV
87	XS LOCALE IN SAMPLE
88	XS PRP TYP IN SAMPLE
89 90	RESALE IN EQ PERIOD RSA 79-A CURRENT USE
97	RSA 79-A CORRENT OSE RSA 79-B CONSRV ESMT
98	SALE RELATD ASMT CHG
99	UNCLASSFYD EXCLUSION
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# SECTION 10

# WATERFRONT, VIEW & BUILDING GRADE INFORMATION

- A. WATERFRONT
- **B. VIEW REPORT**
- C. BUILDING GRADE REPORT

FOLLOWED BY PICTURE CATALOG

## A. WATERFRONT

Grading waterfront, although somewhat objective due to the amount of waterfront, topography and presence or lack of a beach, the overall value different buyers are willing to spend for the same property varies dramatically due to individual likes and dislikes making the purchase somewhat emotional and to a degree subjective. This makes the assessing process more subjective than one may like, but it is a fact that buying and selling of property is not 100% objective. Docks are not separately assessed, as the value is inherent in the waterfront value.

Although the total market value of the property is expressed or displayed in separate parts, such as land, building, views and waterfront, it is the total value of the property that is most important. You may feel the view, waterfront, building or land is high or low, but if the total value represents market value and is equitable with similar properties, then your assessment is reasonable and fair.

The quality and desirability of waterfront varies widely as does the value attributed to various bodies of water and even the same body of water in two different municipalities.

Topography and access to the site, as well as to the waterfront itself varies and can greatly affect the market value. Because of this, it is rare to find two properties that are identical and as such adjustments must be made for water quality and access based on 3<sup>rd</sup> party data such as, NH DES when sales are lacking or limited.

Despite the possible lack of sales data, the assessor must still produce an equitable opinion of value for each and every property in town; sometimes making subjective adjustments for differences from property to property for what they feel affects the market value positively and/or negatively. This unfortunately may not always be demonstrated in sales data due to the lack of sales, so experience and common sense play a large part in this process, when local direct sales are lacking.

#### **Baker River**

Waterfront @ \$10,000 – Indicates Average Site

Baker River – Site Adjustments

Non-Buildable Site \$1,000 (0.10 Cond) Minimum Site \$5,000 (0.50 Cond)

Very limited frontage (normally less than 40') or may have no known access, or moderate to steep topography or the house could be a significant distance from the waterfront (DTW). Due to a combination of these characteristics, the waterfront of a minimum site has very limited utility.

Fair Site \$7,500 (0.75 Cond)

Normally between 40' and 199' of frontage, or limited access, or rolling to moderate topography. May have limited access, or rolling to moderate, or an undeveloped site, or encumbered by a public right of way, or the house could be a significant distance from the waterfront (DTW).

Average Site \$10,000 (1.0 Cond)

Normally between 200' and 600' of frontage, or good access, or mild topography, or a small beach.

# **South Branch Baker River** Waterfront @ \$5,000 – Indicates Average Site

South Branch Baker River – Site Adjustments

Non-Buildable or Minimum Site

\$1,000 (0.10 Cond)

Non-buildable or typically less than 40', or split by road, or limited access.

Fair Site

\$3,000 (0.30 Cond)

Normally greater than 40' and less than 200' of frontage, or may have limited access, or rolling to moderate topography, or the house could be a significant distance from the waterfront (DTW).

Average Site

Normally more than 200' of frontage, or good access, or mild topography, or a small beach.

#### **Pond Brook**

Pond Brook

\$2,000 (0.20 Cond)

### Woodhaven

Woodhaven shared access

\$3,000 (0.30 Cond)

# **Adjustments for Water:**

Presence of a beach (or other improvements) are positive features that may be added to the base condition when the site is average or less than average. These features add value and make the lot more desirable. Cove frontage, the presence of weeds, shallow waterfront, steep topography, distance from the house to the water and the like, can be negative features and may reduce the condition of any site.

## **B. VIEWS**

Views, by their nature are subjective. However, isn't buying and selling of real estate also subjective? Is it not all based on the likes and dislikes of the market? And, do we not all like and dislike differently?

While there are some subjective measures involved in buying and selling of real estate, a large portion of the purchase price is based on likes and dislikes and the emotion of the buyer and seller.

Like land and building values, the contributory value of a view is extracted from the actual sales data. If you review Section 7, you can see how these values are developed, when sales data is available. However, it is a known fact and part of historical sales data, that views can and do contribute to the total market value. The lack of sales data in any particular neighborhood of properties with views does not mean views have no contributing value but rather that the need for the use of historic data, experience and common sense must prevail.

Once various views are analyzed and the market contributory value extracted, the assessor can then apply that value whenever the same view occurs, similar to land and building values. That part is easy. It becomes more difficult when more or less substantial views or total different views are found in the town then were found in the sales data. When this occurs, the assessor, using all the sales data available, must then give an opinion of the value of the view. To assist in that process, the views are further defined by their width, depth, distance and subject matter as outlined in Section 1. D. Here experience and common sense play a large part in this process.

The following report of all views is provided, to show consistency in the application of views, as well as document the contributory value assessed in each one.

There are 130 out of 1,001 total properties that have views associated with them. Views of substantially greater degree, depth, width and subject matter were found during the field review, and while not represented by local sales, were clearly of value and needed to be addressed. Comparing pictures of the sales to these properties and drawing upon our experience from surrounding areas, we developed an opinion of the contributory value of those views.

# **Wentworth View Report**

#### **Sorted By View Value**



**Map Lot Sub:** 000004 000002 000042

Location: 402 NH RTE 25A

Owner: BERRY FAMILY TRUST-TRUSTEES

View Value: \$ 0 Subject: HILLS Width: TUNNEL Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 25

Notes: part blocked vu



**Map Lot Sub:** 000008 000010 000003 **Location:** 55 EAST SIDE RD

Owner: KING FOREST INDUSTRIES INC

View Value: \$ 0

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 75
Distance: DISTANT

Condition: 0

**Notes:** Comm Use vu=n/v



**Map Lot Sub:** 000011 000006 000009 **Location:** 576 BUFFALO RD

Owner: PRECISION LUMBER INC
View Value: \$ 0 CU

Subject: MOUNTAINS
Width: AVERAGE
Depth: FULL 100%
Distance: CLOSE/NEAR

Condition: 0

**Notes:** comm use vu=n/v



**Map Lot Sub:** 000002 000006 00002A

Location: PARADISE LN

Owner: NORKELUN, MICHAEL A

View Value: \$ 1,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT

Condition: 10

Notes: mostly blocked vu



Map Lot Sub: 000002 000002 000009

Location: 1237 MT MOOSILAUKE HWY

Owner: WEEKS, BRIAN H

View Value: \$ 2,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 25

Notes: VU THRU P-LINES



**Map Lot Sub:** 000005 000001 000018

Location: 136 ATWELL HILL RD Owner: WILLIAMS, DAVY B

View Value: \$ 2,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 50

Notes: part blocked



Map Lot Sub: 000005 000004 000003

Location: 1156 MT MOOSILAUKE HWY Owner: FRANZ, LINDA & RONALD

**View Value:** \$ 2,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 50

Notes: part blocked



Map Lot Sub: 000005 000004 000006

**Location:** 1012 MT MOOSILAUKE HWY **Owner:** MELLO TRUSTEE, ALLEN F

**View Value:** \$ 2,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25
Distance: DISTANT

Condition: 25

Notes: mostly blocked vu



Map Lot Sub: 000005 000006 000001 Location: 51 RED OAK HILL RD Owner: GODFREY, KEVIN A

View Value: \$ 2,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 50

Notes: part blocked



Map Lot Sub: 000005 000008 000031 Location: 286 EAST SIDE RD Owner: MCHUGH, SHARON L

View Value: \$ 2,000 Subject: HILLS Width: TUNNEL Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100
Notes:



Map Lot Sub: 000010 000004 000018 Location: 116 FRESCOLN RD

-

Owner: CALVARY CHAPEL NORWALK INC

**View Value:** \$ 2,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 50

Notes: part blocked



 Map Lot Sub:
 000004 000002 000043

 Location:
 366 NH RTE 25A

 Owner:
 GAFFNEY, DANIEL W.

View Value: \$ 3,000 Subject: HILLS Width: NARROW Depth: TOP 25 Distance: CLOSE/NEAR

Condition: 100

**Notes:** 



**Map Lot Sub:** 000004 000008 000019 **Location:** 80 BLUEBERRY LANE

Owner: LOMANDO TRUSTEE, RALPH G

**View Value:** \$ 3,000

Subject: MOUNTAINSWidth: NARROWDepth: TOP 25Distance: DISTANT

Condition: 25

Notes: PART BLOCKED VU



Map Lot Sub: 000011 000003 000004

**Location:** 155 MT MOOSILAUKE HWY

Owner: REED, JOHN J

**View Value:** \$ 3,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT

Condition: 25

Notes: NAR/MTS/D25/NER VU



**Map Lot Sub:** 000011 000006 000012

Location: 21 PRECISION LUMBER CIR

Owner: OSTRANDER, ZOLA K

**View Value:** \$ 3,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT

Condition: 25

Notes: NAR/MTS/D25/DST VU



**Map Lot Sub:** 000012 000003 000003

**Location:** 83 CROSS RD **Owner:** SNOGREN, ERIC D

View Value: \$ 3,000 Subject: HILLS Width: NARROW Depth: TOP 25 Distance: CLOSE/NEAR

Condition: 100

**Notes:** 



Map Lot Sub: 000013 000003 000009 Location: 163 CHEEVER RD Owner: DUNFEY, DANIEL M.

**View Value:** \$ 3,000

Subject: MOUNTAINSWidth: NARROWDepth: TOP 25Distance: DISTANT

Condition: 25

Notes: part blocked VU



Map Lot Sub: 000011 000005 000016 Location: 115 TURNER RD

Owner: BORGER, NEIL P

View Value: \$ 4,000 Subject: HILLS Width: NARROW Depth: TOP 25 Distance: DISTANT Condition: 100

Notes: NAR/HLS/D25/NER VU



**Map Lot Sub:** 000002 000002 000007

Location: 1209 MT MOOSILAUKE HWY
Owner: KAT PAW ACRES TRUST

**View Value:** \$ 5,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 50
Distance: CLOSE/NEAR

Distance: CLOSE/IV

Condition: 50

Notes: VU THRU P-LINES



**Map Lot Sub:** 000005 000006 000003 **Location:** 87 RED OAK HILL RD

Owner: THOROUGHGOOD, ALAN W. & DIANA

View Value: \$ 5,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25
Distance: CLOSE/NEAR

Condition: 100

Notes: TUN/MTS/D25/NER VU



Map Lot Sub: 000011 000002 000005 Location: 49 MICA MINE ROAD Owner: GOWEN, RICHARD T

**View Value:** \$ 5,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT
Condition: 50

Notes: part blocked



Map Lot Sub: 000011 000004 000033 Location: 74 LOOKAWAY LN Owner: KENDALL, PHILLIP L

**View Value:** \$ 5,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT

Condition: 50

Notes: NAR/MTS/D25/NER VU



Map Lot Sub: 000012 000001 000005

**Location:** 96 CROSS RD **Owner:** ROSSI, GLENNA

**View Value:** \$ 5,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25
Distance: CLOSE/NEAR

Condition: 100

Notes: NAR/MTS/D25/NER VU



Map Lot Sub: 000005 000004 000011

**Location:** 874 MT MOOSILAUKE HWY **Owner:** MORRISON, SHAWN D

View Value: \$ 6,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25
Distance: DISTANT

Condition: 100

Notes: TUN/HLS/D25/DST VU



**Map Lot Sub:** 000010 000001 000002 **Location:** 404 ROWENTOWN RD

Owner: HEAL, EDWIN W

View Value: \$ 6,000

Subject: MOUNTAINSWidth: TUNNELDepth: TOP 25

**Distance:** DISTANT **Condition:** 100

Notes: TUN/MTS/D25/DST VU



Map Lot Sub: 000010 000001 000010 Location: 135 FRESCOLN RD

Owner: FOUCHER, JAYE

**View Value:** \$ 6,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25
Distance: DISTANT

Condition: 100

Notes: VU

 Most Recent Sale:
 06/30/14
 4065/0967
 Q I
 \$180,000

 Current Assessment:
 \$166,100



**Map Lot Sub:** 000010 000005 000003 **Location:** 315 ROWENTOWN RD

Owner: HILL, GEORGE W

View Value: \$ 6,000 Subject: HILLS Width: AVERAGE Depth: TOP 50

**Distance:** CLOSE/NEAR **Condition:** 100

Notes: AVE/HLS/D50/NER VU



Map Lot Sub: 000011 000002 000004 Location: 34 MICA MINE ROAD Owner: GOWEN SR, JAMES W

**View Value:** \$ 6,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25
Distance: DISTANT

Condition: 100

Notes: TUN/MTS/D25/NER VU



**Map Lot Sub:** 000011 000003 000001

Location: 173 MT MOOSILAUKE HWY

Owner: DOWNING, JOHN C

**View Value:** \$ 6,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 25
Distance: DISTANT

Condition: 50

Notes: AVE/MTS/D25/NER VU



**Map Lot Sub:** 000011 000003 000002

**Location:** 207 MT MOOSILAUKE HWY

Owner: DAOS LLC
View Value: \$ 6,000
Subject: MOUNTAINS

Width: TUNNEL
Depth: TOP 25
Distance: DISTANT

Condition: 100

Notes: TUN/MTS/D25/DST VU



 $\textbf{Map Lot Sub:} \ \ 000011 \ 000007 \ 000004$ 

Location: 371 BUFFALO RD

Owner: KING SR 2004 REV TRUST, JOHN M

**View Value:** \$ 6,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 25
Distance: DISTANT

Condition: 100

Notes: TUN/MTS/D25/DST VU



**Map Lot Sub:** 000011 000007 000037

Location: 69 ZOE RD

Owner: AMES, STEVEN R

View Value: \$ 6,000

Condition: 100

Subject: MOUNTAINS

Width: TUNNEL
Depth: TOP 25
Distance: DISTANT

Notes: TUN/MTS/D25/MTS VU



Map Lot Sub: 000012 000001 000014

Location: 73 FRASER RD

Owner: FRASER 2004 TRUST, GRACE M

**View Value:** \$ 6,000

Subject: MOUNTAINSWidth: AVERAGEDepth: TOP 25Distance: DISTANT

Condition: 50

Notes: part blkd mtn vu



**Map Lot Sub:** 000013 000004 000014

**Location:** 7 NORTH DORCHESTER RD **Owner:** HARTSON, CURTIS JOHN

View Value: \$ 6,000
Subject: HILLS
Width: AVERAGE
Depth: TOP 50
Distance: CLOSE/NEAR

Condition: 100

Notes: AVG/HLS/D50/HLS VU

 Most Recent Sale:
 06/09/15
 4133/968
 Q I
 \$155,000

 Current Assessment:
 \$142,100

**Map Lot Sub:** 000011 000004 000020

Location: 296 MT MOOSILAUKE HWY

Owner: WARD, KENNETH A

**View Value:** \$ 7,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 75

Notes: part blocked





Map Lot Sub: 000013 000003 000027

**Location:** 361 NORTH DORCHESTER RD **Owner:** LIZZIE, BRADLEY & VICKI TRSTES

**View Value:** \$ 7,000

Subject: RIVERS/HILLS
Width: AVERAGE
Depth: TOP 50
Distance: CLOSE/NEAR

Condition: 100

**Notes:** 



**Map Lot Sub:** 000001 000002 000014 **Location:** 618 ATWELL HILL RD

Owner: MCCORMACK, ROBERT W & JOAN T

View Value: \$8,000 Subject: HILLS Width: WIDE Depth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100 Notes: VU



**Map Lot Sub:** 000002 000002 000002 **Location:** 276 BEECH HILL ROAD

Owner: PURDUE, KENNETH & TRACY

**View Value:** \$ 8,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100

Notes: MTS/TUN/D25/CLS VU



**Map Lot Sub:** 000004 000002 000027

**Location:** 94 CAPE MOONSHINE RD

Owner: CILLEY, KENNETH R.

View Value: \$ 8,000
Subject: HILLS
Width: WIDE
Depth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100

Notes: WID/HLS/D50/NER VU



 Map Lot Sub:
 000004 000002 000035

 Location:
 512 NH RTE 25A

 Owner:
 TOOMEY, GLENDA A.

**View Value:** \$ 8,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: CLOSE/NEAR

Condition: 100

Notes: NAR/MTS/D25/NER VU



**Map Lot Sub:** 000004 000006 000004 **Location:** 680 NH RTE 25A

Owner: MALCOLM, CHARLES

**View Value:** \$ 8,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100

**Notes:** 



Map Lot Sub: 000005 000001 000004 Location: 21 EPHRAIM PAGE RD Owner: SARAS, CARL R. & MARY E.

**View Value:** \$ 8,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100

Notes: NER/NAR/D25/MTS VU



Map Lot Sub: 000005 000003 000005

Location: 1121 MT MOOSILAUKE HWY

Owner: HINCKLEY, GLEN H

**View Value:** \$ 8,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: CLOSE/NEAR

Condition: 100

Notes: NAR/MTS/D25/CLS VU



**Map Lot Sub:** 000011 000004 000031 **Location:** 56 LOOKAWAY LN

Owner: MACDOUGALL, MICHAEL T

View Value: \$ 8,000

Subject: MOUNTAINSWidth: NARROWDepth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100

Notes: NAR/MTS/D25/NER VU



Map Lot Sub: 000011 000007 000035

Location: 87 ZOE RD

Owner: MCGRAW, SHANE W

**View Value:** \$ 8,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100

Notes: NAR/MTS/D25/CLS VU



**Map Lot Sub:** 000013 000002 000006

Location: 33 EVANS RD

Owner: EVANS, MARK & THERESA

**View Value:** \$ 8,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100

Notes: NAR/MTS/D25/NER VU



**Map Lot Sub:** 000001 000002 000011 **Location:** 650 ATWELL HILL RD

Owner: DAIGNEAULT, PETER J.

**View Value:** \$ 9,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100

Notes: AVE/MTS/D25/NER VU



Map Lot Sub: 000001 000002 000024 Location: 504 ATWELL HILL RD Owner: DIFILLIPO, ROCCO

View Value: \$ 9,000
Subject: HILLS
Width: AVERAGE
Depth: TOP 75
Distance: CLOSE/NEAR

Condition: 100

Notes: AVE/hlS/D75/cls VU



Map Lot Sub: 000002 000002 000003 Location: 266 BEECH HILL ROAD Owner: MORRILL, GEORGE A

**View Value:** \$ 9,000

Subject: MOUNTAINSWidth: AVERAGEDepth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100

Notes: MTS/AVE/D25/NER VU



**Map Lot Sub:** 000002 000002 000010

Location: 1243 MT MOOSILAUKE HWY

Owner: PATTEN, KEVIN S

**View Value:** \$ 9,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 25

**Distance:** CLOSE/NEAR

Condition: 100

Notes: MTS/AVE/D25/NER



Map Lot Sub: 000005 000003 000022

Location: 1159 MT MOOSILAUKE HWY
Owner: BRAGDON, RICHARD M

Owner: BRAGDON, RIC

**View Value:** \$ 9,000

Subject: MOUNTAINS

Width: WIDE Depth: TOP 75

**Distance:** CLOSE/NEAR

Condition: 25

Notes: VU THRU P-LINES



Map Lot Sub: 000007 000002 00003A Location: 316 ELLSWORTH HILL RD Owner: KREUZBURG, ALLAN S.

**View Value:** \$ 9,000

Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 50
Distance: CLOSE/NEAR

Condition: 100

Notes: TUN/MTS/D50/NER VU



**Map Lot Sub:** 000008 000003 000005 **Location:** 32 ELLSWORTH HILL RD

Owner: HAMILTON, ALAN

**View Value:** \$ 9,000

Subject: MOUNTAINSWidth: TUNNELDepth: TOP 75Distance: DISTANT

Condition: 50

Notes: TUN/MTS/D75/DST VU



**Map Lot Sub:** 000013 000006 000010

Location: 115 MT MOOSILAUKE HWY
Owner: SMALL FRUIT FARM LLC

**View Value:** \$ 9,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 25
Distance: DISTANT

**Condition:** 75

Notes: VU THRU PLINES



**Map Lot Sub:** 000002 000005 000003 **Location:** 127 RED OAK HILL RD

Owner: TURCOTTE, ANNETTE JEAN

View Value: \$ 10,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25

**Distance:** DISTANT

Condition: 100

Notes: MTS/NAR/D25/DST VU



**Map Lot Sub:** 000004 000008 000022 **Location:** 44 PEASE ROAD

Owner: PERKINS, JAMES P. & HENRY C.

View Value: \$ 10,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT

Condition: 100

Notes: NAR/MTS/D25/DST VU



Map Lot Sub: 000005 000001 000014 Location: 94 ATWELL HILL RD Owner: MORRISON, JENNIFER L

View Value: \$ 10,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes: NAR/MTS/D25/DST VU



Map Lot Sub: 000005 000001 00001A Location: 229 BEECH HILL ROAD Owner: LEITER, JOSHUA R

View Value: \$ 10,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes: NAR/MTS/D25/DST VU



Map Lot Sub: 000005 000001 000021 Location: 140 ATWELL HILL RD Owner: WILLIAMS, DAVY B

View Value: \$10,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes: NAR/MTS/D25/DST VU



**Map Lot Sub:** 000005 000008 000011 **Location:** 304 EAST SIDE RD

Owner: DEFOREST, JAMES D. & JEANNE C.

View Value: \$ 10,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes:



Map Lot Sub: 000008 000007 000011

Location: 44 WENTWORTH VILLAGE RD

Owner: WHITNER, MICHAEL S

View Value: \$10,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes: NAR/MTS/D25/DST VU



**Map Lot Sub:** 000011 000006 000005 **Location:** 166-8 TURNER RD

Owner: WILMS, BIRGITTE LAERKE

View Value: \$ 10,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes: NAR/HLS/D25/DST VU



Map Lot Sub: 000012 000003 000005

**Location:** 21-23 CROSS RD **Owner:** KAY, KEVIN M

**View Value:** \$ 10,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 25
Distance: DISTANT

Condition: 100

Notes: NAR/MTS/D25/DST VU



Map Lot Sub: 000013 000005 000009

Location: 48 NORTH DORCHESTER RD

Owner: BROWN, JEREMY

View Value: \$ 10,000

Subject: MOUNTAINS Width: NARROW

Depth: TOP 25 **Distance:** DISTANT

Condition: 100

Notes: NAR/MTS/D25/NER VU



Map Lot Sub: 000013 000006 000009 Location: 24 THAYER MTN RD

Owner: HANNIGAN, PAMELA.

View Value: \$ 10,000 **Subject:** MOUNTAINS Width: NARROW Depth: TOP 25

Distance: DISTANT Condition: 100

Notes: NAR/MTS/D25/NER VU



Map Lot Sub: 000011 000007 000039

Location: 5 ZOE RD

Owner: DOUGHERTY, MAURA M

View Value: \$ 11,000 Subject: MOUNTAINS Width: NARROW

**Depth:** TOP 50

**Distance:** CLOSE/NEAR

Condition: 75 Notes: p-lines



Map Lot Sub: 000001 000003 000003

Location: 595 ATWELL HILL RD

Owner: MCCORMACK, ROBERT W & JOAN T

View Value: \$ 12,000 Subject: MOUNTAINS

Width: AVERAGE Depth: TOP 25 **Distance:** DISTANT

Condition: 100

Notes: AVE/MTS/D25/dst VU



 Map Lot Sub:
 000002 000005 000004

 Location:
 123 RED OAK HILL RD

 Owner:
 FOSTER-JR, RALPH E

View Value: \$ 12,000
Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 25
Distance: DISTANT

Condition: 100

Notes: MTS/AVE/D25/DST VU



**Map Lot Sub:** 000005 000001 000017 **Location:** 128 ATWELL HILL RD

Owner: MORANDI, EDWARD & DANUTA

View Value: \$ 12,000
Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes: MTS/AVE/D25/DST VU



**Map Lot Sub:** 000005 000007 000006 **Location:** 12 RED OAK HILL RD

Owner: KING, JARED T

View Value: \$ 12,000
Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes: AVE/MTS/D25/DST VU



Map Lot Sub: 000008 000004 000005 Location: 67 ELLSWORTH HILL RD Owner: MINEAR, TIMOTHY B

View Value: \$ 12,000
Subject: MOUNTAINS
Width: TUNNEL
Depth: TOP 50
Distance: DISTANT

Condition: 100

Notes: MTS/TUN/D50/DST



Map Lot Sub: 000011 000006 000003

Location: 328 MT MOOSILAUKE HWY Owner: MORSE, GRANETTA K

View Value: \$ 12,000

**Subject:** MOUNTAINS **Width:** AVERAGE

**Depth:** TOP 25 **Distance:** DISTANT

Condition: 100

Notes: AVE/HLS/D25/NER VU



Map Lot Sub: 000007 000002 000006 Location: 542 ELLSWORTH HILL RD

Owner: DUCHENEAU, RICHARD

View Value: \$ 13,000 Subject: HILLS Width: WIDE Depth: TOP 75

**Distance:** CLOSE/NEAR

Condition: 100

Notes: HLS/WID/D75/CLS VU



Map Lot Sub: 000005 000003 000014 Location: 36 WOODHAVEN RD

Owner: GANONG, DENISE & PAUL S.

View Value: \$ 14,000 Subject: MOUNTAINS Width: TUNNEL Depth: TOP 75

Distance: CLOSE/NEAR

Condition: 100
Notes:



**Map Lot Sub:** 000011 000004 000025 **Location:** 28 LOOKAWAY LN

Owner: COLLICUTT, FREDERICK J.

View Value: \$ 14,000
Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 50

Distance: CLOSE/NEAR

Condition: 75

Notes: AVE/MTS/D50/NER VU



 Map Lot Sub:
 000011 000007 000017

 Location:
 90 AUGUSTE RD

 Owner:
 GOLD, CALMAN

**View Value:** \$ 14,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 50
Distance: CLOSE/NEAR

Condition: 75

Notes: part blkd mtn vu



**Map Lot Sub:** 000004 000002 000028 **Location:** 535 ATWELL HILL RD

Owner: CHIVERS, JOHN

View Value: \$ 15,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100

Notes: NAR/MTN/D50/NER VU



**Map Lot Sub:** 000004 000002 000030 **Location:** 568 NH RTE 25A

Owner: WASHBURN, NEIL BRADLEY

View Value: \$ 15,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100

Notes: NAR/MTS/D50/CLS VU



**Map Lot Sub:** 000005 000001 000002 **Location:** 199 BEECH HILL ROAD

Owner: MAYO, RICHARD A

View Value: \$ 15,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100 Notes: VU



**Map Lot Sub:** 000005 000004 000016

**Location:** 1014 MT MOOSILAUKE HWY **Owner:** WUJCIK, EDWARD & PAULINE

View Value: \$ 15,000 Subject: MOUNTAINS Width: NARROW Depth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100

Notes: mtn/nar/D50/NER VU



Map Lot Sub: 000011 000001 000017 Location: 64 HOOPER HILL RD Owner: MELANSON, WILLIAM C

View Value: \$ 15,000 Subject: MOUNTAINS Width: NARROW

Depth: TOP 50
Distance: DISTANT
Condition: 75

Notes: p-lines



Map Lot Sub: 000011 000001 000023 Location: 104 SAUNDERS HILL RD

Owner: MAKI, ERIC P View Value: \$ 15,000

Subject: MOUNTAINSWidth: NARROWDepth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100

**Notes:** MTS/NAR/D50/NER



Map Lot Sub: 000013 000008 000002

**Location:** 6 MT MOOSILAUKE HWY

Owner: COMEAU, ROBERT P. & TERRY

View Value: \$ 15,000

Subject: MOUNTAINS
Width: NARROW
Depth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100

Notes: NAR/MTS/D50/NER VU



**Map Lot Sub:** 000005 000008 000034 **Location:** 64 CURRIER HILL RD

Owner: COMEAU, AARON & ANGELA

View Value: \$ 16,000 Subject: MOUNTAINS

Width: WIDE
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes: WID/MTS/D25/DST VU



Map Lot Sub: 000011 000007 000006 Location: 533 BUFFALO RD Owner: KING JR, JOHN M

View Value: \$ 16,000 Subject: MOUNTAINS

Width: WIDE
Depth: TOP 25
Distance: DISTANT
Condition: 100

Notes: WID/MTS/D25/DST VU



Map Lot Sub: 000005 000007 000002

Location: 50 LIBBEY RD
Owner: KING, DONNA J

View Value: \$ 18,000
Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 50
Distance: CLOSE/NEAR

Condition: 100

Notes: AVE/MTS/D50/NER VU



**Map Lot Sub:** 000008 000007 000012

Location: 40 WENTWORTH VILLAGE RD
Owner: MEADE, JENNIFER PETERSON

View Value: \$ 18,000
Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 50
Distance: CLOSE/NEAR

Condition: 100

Notes: AVE/MTS/D50/NER VU



**Map Lot Sub:** 000011 000004 000014

Location: 306 MT MOOSILAUKE HWY

Owner: DENNIS, STEVEN J

View Value: \$ 18,000

Subject: MOUNTAINS
Width: AVERAGE
Don'th: TOP 75

**Depth:** TOP 75 **Distance:** DISTANT

Condition: 50

Notes: PART BLOCKED VU



Map Lot Sub: 000011 000004 000026 Location: 34 LOOKAWAY LN

Owner: MCKENNEY, DAVID T

View Value: \$ 18,000

**Subject:** MOUNTAINS **Width:** AVERAGE

Distance: CLOSE/NEAR

Depth: TOP 50

Condition: 100

Notes: AVE/MTS/D50/NER VU



**Map Lot Sub:** 000012 000004 000003 **Location:** 17 VIK MTN RD

Owner: YOUNG, CLAYTON R

View Value: \$ 18,000 Subject: MOUNTAINS

Width: AVERAGE

Depth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100

Notes: AVE/MTS/D50/NER VU



**Map Lot Sub:** 000013 000004 000022 **Location:** 308 CHEEVER RD

Owner: PIERHAL, LEON M.

**View Value:** \$ 18,000

Subject: MOUNTAINSWidth: AVERAGEDepth: TOP 50

**Distance:** CLOSE/NEAR

Condition: 100

Notes: AVE/MTS/D50/NER VU



Map Lot Sub: 000001 000001 000007
Location: 251 CAPE MOONSHINE RD
Owner: BROWNSON TRUST, FRED O.

View Value: \$ 20,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 50
Distance: DISTANT
Condition: 100

Notes: NAR/mtS/D75/DST VU



Map Lot Sub: 000005 000001 000016 Location: 120 ATWELL HILL RD Owner: BROMKAMP, HENRY

View Value: \$ 20,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 50
Distance: DISTANT
Condition: 100

Notes: NAR/MTS/D50/DST VU



**Map Lot Sub:** 000005 000007 000013 **Location:** 25 LIBBEY RD

Owner: DOWNING JR, RICHARD L

View Value: \$ 20,000
Subject: MOUNTAINS
Width: NARROW
Depth: TOP 50

**Distance:** DISTANT **Condition:** 100

Notes: NAR/MTS/D50/DST VU



Map Lot Sub: 000007 000001 000004 Location: 166 NH RTE 25A

Owner: KOZLOWSKI, HUBERT

View Value: \$ 20,000 Subject: MOUNTAINS

Width: NARROW
Depth: TOP 50
Distance: DISTANT

Condition: 100

Notes: NAR/MTS/D50/DST VU



Map Lot Sub: 000013 000005 000005

Location: 256 NORTH DORCHESTER RD

Owner: FOSTER, JOHN B

View Value: \$ 20,000

Subject: MOUNTAINS Width: NARROW

**Depth:** TOP 50 **Distance:** DISTANT

Condition: 100

Notes: NAR/MTS/D50/NER VU



Map Lot Sub: 000002 000002 000006

Location: 1217 MT MOOSILAUKE HWY

Owner: RUGGIERO, LOUIS A

View Value: \$ 23,000 Subject: MOUNTAINS

Width: NARROW Depth: TOP 75

**Distance:** CLOSE/NEAR

Condition: 100

Notes: MTS/NAR/D75/CLS VU



**Map Lot Sub:** 000005 000004 000014

**Location:** 912 MT MOOSILAUKE HWY

Owner: ANDERSON, SCOTT F

View Value: \$ 23,000

**Subject:** MOUNTAINS **Width:** NARROW

**Depth:** TOP 75

**Distance:** CLOSE/NEAR

Condition: 100

Notes: MTS/NAR/D75/CLS VU



**Map Lot Sub:** 000004 000001 000002

Location: 302 ATWELL HILL RD

Owner: MASTERSON, CLYDE H

View Value: \$ 24,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 50

Distance: DISTANT

Condition: 100

Notes: AVE/MTS/D50/DST VU



Map Lot Sub: 000005 000001 000025 Location: 68 ATWELL HILL RD Owner: BRZEZINSKI, JAMES M

View Value: \$ 24,000

**Subject:** MOUNTAINS

Width: WIDE Depth: TOP 50 **Distance:** CLOSE/NEAR

Condition: 100

Notes: WID/MTS/D50/NER VU



Map Lot Sub: 000008 000013 000013 Location: 50 ROBBIE DOWNING RD

Owner: OWEN, JEFFEREY A

View Value: \$ 24,000 Subject: MOUNTAINS Width: AVERAGE Depth: TOP 50 Distance: DISTANT Condition: 100

Notes: AVE/MTS/D50/NER VU



Map Lot Sub: 000011 000007 000023 Location: 75 AUGUSTE RD

Owner: KING, JOSEPH A

View Value: \$ 24,000 Subject: MOUNTAINS Width: AVERAGE Depth: TOP 50 Distance: DISTANT Condition: 100

**Notes:** 



Map Lot Sub: 000011 000008 000001

Location: 53 DUFOUR RD Owner: FRIIS, JACOB

**View Value:** \$ 24,000

Subject: MOUNTAINS Width: AVERAGE Depth: TOP 50 **Distance:** DISTANT

Condition: 100

Notes: AVE/MTS/D50/NER VU



Map Lot Sub: 000012 000002 000010
Location: NORTH DORCHESTER RD
Owner: ARVIDSON, ERIC P

View Value: \$ 24,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 50
Distance: DISTANT
Condition: 100

**Notes:** 



Map Lot Sub: 000005 000004 000009

Location: 898 MT MOOSILAUKE HWY

Owner: GRIGAS, MICHAEL P

View Value: \$ 27,000 Subject: MOUNTAINS Width: AVERAGE Depth: TOP 75

**Distance:** CLOSE/NEAR

Condition: 100

Notes: AVE/MTS/D75/CLS VU



Map Lot Sub: 000011 000005 000013 Location: 205 TURNER RD

Owner: BORGER JR, RICHARD F

View Value: \$ 27,000
Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 75

**Distance:** CLOSE/NEAR

Condition: 100
Notes:



Map Lot Sub: 000013 000003 000030 Location: 321 CHEEVER RD

Owner: MCGRATH, KEVIN F

View Value: \$ 27,000 Subject: MOUNTAINS Width: AVERAGE Depth: TOP 75 Distance: CLOSE/NEAR

Condition: 100

Notes: AVE/MTS/D75/NER VU

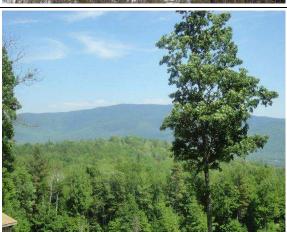


Map Lot Sub: 000013 000004 000024 Location: 312 CHEEVER RD Owner: MENFI, JOSEPH B

View Value: \$ 27,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 75
Distance: CLOSE/NEAR

Condition: 100 Notes: VU



Map Lot Sub: 000004 000002 000001 Location: 469 ATWELL HILL RD Owner: DUBOIS, BRIAN A

View Value: \$ 29,000

Subject: MOUNTAINS
Width: WIDE
Depth: TOP 75
Distance: DISTANT

Condition: 60

Notes: part blkd vu



**Map Lot Sub:** 000001 000003 000005 **Location:** 531 ATWELL HILL RD

Owner: NTV LLC
View Value: \$ 32,000
Subject: MOUNTAINS
Width: WIDE

Depth: TOP 50
Distance: DISTANT
Condition: 100

Notes: WID/MTS/D50/DST VU



**Map Lot Sub:** 000001 000002 000026 **Location:** 486 ATWELL HILL RD

Owner: DINNER, LEE & KATHLEEN

View Value: \$ 36,000
Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 75
Distance: DISTANT

Distance. DISTAI

Condition: 100

Notes: AVE/MTS/D75/dst VU



Map Lot Sub: 000002 000002 000001 Location: 310 BEECH HILL ROAD Owner: THOMAS, ROBERT

**View Value:** \$ 36,000

Condition: 100

Subject: MOUNTAINSWidth: AVERAGEDepth: TOP 75Distance: DISTANT

Notes: MTS/AVE/D75/DST VU



**Map Lot Sub:** 000005 000003 000001 **Location:** 230 BEECH HILL ROAD

Owner: KOELB, PALMER

View Value: \$ 36,000

Subject: MOUNTAINSWidth: WIDE

**Depth:** TOP 75 **Distance:** CLOSE/NEAR

Condition: 100

Notes: PAN/MTS/D75/NER VU



**Map Lot Sub:** 000005 000003 000004

**Location:** 1069 MT MOOSILAUKE HWY **Owner:** YOUNGS, RAYMOND R

View Value: \$ 36,000

Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 75
Distance: DISTANT

Condition: 100

Notes: AVE/MTS/D75/DST VU



**Map Lot Sub:** 000005 000003 000019

**Location:** 1199 MT MOOSILAUKE HWY

Owner: BROWN, DUANE R

**View Value:** \$ 36,000

Subject: MOUNTAINS

Width: WIDE Depth: TOP 75

Distance: CLOSE/NEAR

Condition: 100

**Notes:** 



Map Lot Sub: 000005 000004 000010

**Location:** 890 MT MOOSILAUKE HWY **Owner:** BIXBY TRUSTEE, ROLAND M

View Value: \$ 36,000

Subject: MOUNTAINS

Width: WIDE
Depth: TOP 75
Distance: CLOSE/NEAR

Condition: 100

Notes: WID/MTS/D75/CLS VU



**Map Lot Sub:** 000008 000001 000003

Location: 58 NH RTE 25A

Owner: THOMPSON, DAVID A.

View Value: \$ 36,000 Subject: MOUNTAINS Width: AVERAGE

**Depth:** TOP 75 **Distance:** DISTANT

Condition: 100

Notes: MTS/AVG/D75/DST VU



Map Lot Sub: 000011 000004 000007 Location: 20 LOOKAWAY LN

Owner: BEHN, MICHAEL V & CAROL A.

View Value: \$ 36,000
Subject: MOUNTAINS
Width: AVERAGE
Depth: TOP 75

**Distance:** DISTANT **Condition:** 100

Notes: AVE/MTS/D75/NER VU



 $\textbf{Map Lot Sub:} \ \ 000011 \ 000006 \ 000016$ 

**Location:** 662 BUFFALO RD

Owner: KING, NOEL J & CHERYL L

**View Value:** \$ 36,000

Subject: MOUNTAINSWidth: AVERAGEDepth: TOP 75

**Distance:** DISTANT **Condition:** 100

N. 4 AND AND

Notes: AVE/MTS/D75/DST VU



Map Lot Sub: 000013 000003 000001 Location: 387 CHEEVER RD

Owner: MONTGOMERY, JAMES & SHARON

View Value: \$ 36,000 Subject: MOUNTAINS

Width: WIDE Depth: TOP 75 **Distance:** CLOSE/NEAR

Condition: 100

Notes: WID/MTS/D75/NER VU



Map Lot Sub: 000007 000001 000003 Location: 132 NH RTE 25A Owner: LAMY, RICHARD P

View Value: \$ 48,000 Subject: MOUNTAINS

Width: WIDE Depth: TOP 75 Distance: DISTANT Condition: 100

Notes: WID/MTS/D75/DST VU



**Map Lot Sub:** 000013 000004 000020 Location: 236 CHEEVER RD Owner: DAVIS JR, STEVEN L

View Value: \$ 60,000 Subject: MOUNTAINS Width: PANORAMIC Depth: TOP 75

Distance: DISTANT Condition: 100

Notes: PAN/MTS/D75/DST VU

Date Book/Page **Price** Type Most Recent Sale: 01/24/14 4037/795 QΙ \$132,000 **Current Assessment:** \$155,400



Map Lot Sub: 000011 000001 00012B

Location: 287 MT MOOSILAUKE HWY

Owner: POITRAS, NORMAN L.

View Value: \$ 100,000 Subject: MOUNTAINS Width: PANORAMIC Depth: FULL 100%

**Distance:** EXTEME DISTANT

Condition: 100

Notes: PAN/MTS/D100/DST V

## C. BUILDING GRADING

- <u>B5 Bare Minimum House</u> Minimum camp. Typically no interior finish, foundation, central heat, plumbing or electric service.
- <u>**B4** Below Minimum House</u> Basic camp style construction, typically no interior finish, may lack central heat. May lack plumbing and/or electric service. Typically no foundation.
- **<u>B3 Minimum House</u>** Average camp style construction. No specific style and having minimal interior and/or exterior finish and features. May not have enclosed foundation and may lack water, sewer or electric.
- **<u>B2 Basic Weather Tight House</u>** Very plain shelter with few doors or windows, low grade design interior and exterior. Typically without an enclosed foundation.
- **<u>B1 Below Average House</u>** Basic box, minimal to no fenestration, little to no design, low quality materials and windows may consist of a mix of average grade material and low grade design, or may be an average house without an enclosed foundation.
- <u>A0 Average House</u> Basic box, reasonable number of windows, may be double hung single pane with or without storm windows or double pane windows, no extras, plain interior and exterior.
- <u>A1 Above Average House</u> Typically more than a box with some design features, roof overhang, and upgraded windows or not, may have some angles or roof cuts, appealing layout of windows and initial appeal somewhat better than average. Generally above average materials for trim and floor finish.
- <u>A2 Good Quality House</u> Generally of good to high quality materials or a mix of average and high, has good exterior trim design normally with roof overhang, some designer roof cover and/or trim accents, not plain, windows are typically casement or thermopane, entrance may be elaborate, roof may have multiple angles.
- <u>A3 Very Good Quality House</u> All of A2 above, but also custom work on trim, kitchen & baths, recessed lighting, high quality floor cover, exterior high quality and design, exterior and interior trim of good quality and design, may have features like window "eyebrows" and a splash board around the lower exterior walls. May have some custom windows and cathedral areas typically with good lighting.
- <u>A4 Excellent Quality House</u> All of the above, but with greater fenestration and attention to detail, custom trim, custom kitchen and/or baths. Multiple high quality floor cover, excellent design and curb appeal. Generally multi floor with angles and/or roof cuts. Generally high quality usually includes built-ins cabinets, bookcases and shelving.
- <u>A5 Excellent + Quality House</u> All of the features of an A4 (Excellent) house, but with some additional custom details and design features. Typically older homes of high quality, center chimney, detailed cove molding, excellent roof overhang on four sides with custom design and molding, wide or detailed corner boards and window trim, generally multi-story with good fenestration having great curb presentation.

<u>Grades Above A5</u> - Generally have all the features of the A5 grade, including some or all of the following: multi-story, angles, roof cuts, recessed lighting inside and out, built-ins, great curb presentation and marketability, features and appeal that in the marketplace make this building somewhat more desirable than the A5 grade building in stages up to luxurious which may contain all of the features above with a progressively higher degree of quality and design found in town.

## **Manufactured Homes**

- B3 Generally 8' wide or less 2x4 or 2x3 construction.
- B2 Generally 10' wide, 2x4 or 2x3 construction.
- B1 Generally 12' wide, 2x4 construction.
- A0 Generally 14' wide with gable roof, could be 2x4 or 2x6 construction.
- A1 Generally 14' wide with added ornamentation or detail or 2x6 construction.
- A2 Generally 16' wide with 2x6 construction.

This is merely a guideline and a home)s quality could be adjusted up or down for the presence (or lack of) the following: upgraded windows, gable or pitched roof, foundation or basement.

The following pictures samples will help, as words do not always express or capture the essence of the building as much as pictures do. The above text is meant as a guideline and not meant, nor would it be possible to describe or include every possible situation.



B4 -- AVG-40 (000001 000002 000007)



B4 -- AVG-40 (000007 000003 000002)



B3 -- AVG-30 (000005 000001 000006)



B4 -- AVG-40 (000005 000003 000010)





B2 -- AVG-20 (000008 000007 00012B)



B2 -- AVG-20 (000002 000005 000003)



B1 -- AVG-10 (000011 000001 000002)



A0 -- AVG (000012 000003 000009)



B2 -- AVG-20 (000004 000003 000008)



B1 -- AVG-10 (000011 000005 000009)



A0 -- AVG (000013 000004 000014)



A0 -- AVG (000008 000011 000010)



A1 -- AVG+10 (000005 000005 00011A)



A1 -- AVG+10 (000010 000001 000010)



A0 -- AVG (000008 000002 000011)



A1 -- AVG+10 (000005 000006 000002)



A1 -- AVG+10 (000012 000001 00004B)



A2 -- AVG+20 (000011 000004 000036)



A2 -- AVG+20 (000012 000001 000011)



A2 -- AVG+20 (000001 000003 000008)



A2 -- AVG+20 (000011 000005 000012)



A2 -- AVG+20 (000004 000006 000009)



A3 -- AVG+30 (000005 000001 000005)



A3 -- AVG+30 (000005 000003 000019)



A4 -- EXC (000001 000002 00011A)



A3 -- AVG+30 (000008 000012 000004)



A4 -- EXC (000004 000008 000009)

