

**VILLAGE OF TARRYTOWN
BOARD OF TRUSTEES
WORK SESSION 6:30 P.M.
WEDNESDAY, APRIL 26, 2017
Tarrytown Village Hall
One Depot Plaza, Tarrytown, New York**

Board of Trustees Concerns

Open Session

1. Taxi Legislation
2. Discussion – Leaf Blower Ordinance
3. Evaluation of Permanent Closure of Ramp to Tappan Zee Bridge
4. Award of Bid – Rehabilitation of Water Tanks and Benedict Avenue Interconnection
5. Discussion – Parking for Pool
6. Mobilitie – Cell Sites
7. Wilson Park and Lakes – Parking
8. Award of RFP – Landscape Architectural Proposal for Patriots Park
9. Amendments to Master Fee Schedule
10. Extended Warranty – ITS – Luke Parking Meters
11. Fitness Center

Executive Session

- 1A. Seasonal Employees for Recreation, DPW, Police
- 2A. Advice of Counsel re Site Plan Approvals
- 3A. Personnel Issues

TARRYTOWN POLICE DEPARTMENT
OFFICE MEMORANDUM

DATE: February 17, 2017

FROM: Lt. Barbelet

TO: Chief Brown

SUBJECT: Code Change (Addition): General Operation Regulations

The following wording should be used for legislation to add to the Village Code relating to provisions of operation controlling licensed taxi cabs (VC 273-7). Recently the Department has seen an increase in complaints relating to taxi drivers. One of the most common grievances from riders, mostly residents, is that the drivers at the station are refusing to transport them. We believe this is based on the fact that the code requires a (\$4) four dollar fair for anywhere within the Village and they are attempting to wait for a higher paying job.

Regulating this type of activity was in fact in the Code back in 2011 but seems to have gotten lost as the Code was revised. The following is the wording that was removed and which I am suggesting be put back in as section 273-7 sub. G.

“NO TAXI OR LIVERY DRIVER SHALL REFUSE OR NEGLECT TO CONVEY AN ORDERLY PERSON OR PERSONS UPON REQUEST ANYWHERE IN THE VILLAGE. NO TAXI OR LIVERY DRIVER SHALL CARRY ANY OTHER PERSON THAN THE PERSON FIRST EMPLOYING TAXI/LIVERY CAR WITHOUT THE CONSENT OF SUCH FIRST PASSENGER”.

I would further suggest that an additional code be added back. In the past taxis that were inspected and licensed within the Village where required to be lettered in a certain manner. This enables them to be easily identifiable from one another. This is what had been in the code:

“TAXI/LIVERY CARS SHALL HAVE THE NAME OF THE COMPANY, THE COMPANY TELEPHONE NUMBER, AND THE CAB

NUMBER ASSIGNED TO THE VEHICLE CLEARLY MARKED IN LETTERS OR NUMERALS OF AT LEAST 2 INCHES IN HEIGHT. THESE ARE TO BE ON THE DRIVER AND PASSENGER SIDE OF THE VEHICLE AND ARE TO BE IN A SHARPLY CONTRASTING COLOR TO THAT OF THE VEHICLE AND BE PERMANENTLY AFFIXED TO THE VEHICLE”.

Thank you for your attention to these matters. I believe if they are in fact added to the code it will greatly improve the operation and enforcement related to taxis within the Village.

§ 273-6. Records to be kept. [Amended 10-3-2011 by L.L. No. 10-2011⁴]

The Police Chief shall keep a complete record of all taxicab licenses or livery licenses issued and denied under this chapter, together with all applications, record checks, renewals, suspensions and revocations thereof.

§ 273-7. General operation regulations. [Amended 1-6-1997 by L.L. No. 1-1997; 6-18-2001 by L.L. No. 5-2001; 1-22-2002 by L.L. No. 2-2002; 5-7-2007; 10-3-2011 by L.L. No. 10-2011⁵]

- A. Taxicabs and liveries not licensed by the Village of Tarrytown are not permitted to pick up fares at the Metro North Commuter Railroad Station.
- B. Any vehicle licensed under the requirements of this chapter which uses the parking area designated as taxicab or livery stands and/or the waiting and loading areas for the Metro North Commuter Railroad Station is required to place the Village as an additional (named) insured on the vehicle's and the owner's auto insurance policy.
- C. A driver of a taxi or livery shall not be permitted to wait for fares on the train station platform(s) or on walkway(s) at a distance greater than 20 feet from their vehicle at any time.
- D. The Chief of Police or his designee shall investigate all complaints regarding taxi and/or livery companies or vehicles that are licensed by the Village of Tarrytown and which occur within the geographical jurisdiction of the Village. The Chief may, upon investigation, refer the matter to the Board of Trustees for further review and possible disciplinary action.
- E. The Chief of Police or his designee may, from time to time, cause to have a Department of Motor Vehicles inquiry run on any taxi or livery vehicle licensed by the Village of Tarrytown. The Chief or his designee shall have the right to question the licensee regarding any violation(s) that may be discovered. The Chief may, upon investigation, refer the matter to the Board of Trustees for further review and possible action.
- F. The lettering on taxicabs as specified herein is required to be permanently affixed to the vehicle; and the roof lights on taxicabs as required herein are required to be permanently affixed to the vehicle and lighted during the hours of darkness.

§ 273-8. Penalties for offenses; suspension or revocation of license. [Amended 9-15-1997 by L.L. No. 9-1997; 6-18-2001 by L.L. No. 5-2001; 9-20-2010 by L.L. No. 11-2010; 10-3-2011 by L.L. No. 10-2011⁶]

-
- 4. Editor's Note: This local law also repealed former § 273-6, Conviction records check; fingerprints, and renumbered former § 273-13 as § 273-6.
 - 5. Editor's Note: This local law also repealed former § 273-7, Issuance of driver's license; temporary permit; display, as amended, and renumbered former § 273-14 as § 273-7.
 - 6. Editor's Note: This local law also renumbered former § 273-15 as § 273-8.

Chapter 205

LANDSCAPING

ARTICLE I Green Industry Contractors

§ 205-1. Definitions.

§ 205-2. Registration required;
application; fees; reports to be
provided; casual day laborers.

§ 205-3. Use of power equipment;
burning of waste products;
placement of refuse or leaves in
public areas.

§ 205-3.1. Seasonal ban on gas-powered
leaf blowers.

§ 205-4. Penalties for offenses.

[HISTORY: Adopted by the Board of Trustees of the Village of Tarrytown as indicated in article histories. Amendments noted where applicable.]

GENERAL REFERENCES

Outdoor burning — See Ch. 109.

Excavations — See Ch. 151.

Garbage, rubbish and refuse — See Ch. 183.

Noise — See Ch. 215.

Trees — See Ch. 281.

Water conservation — See Ch. 297, Art. II.

ARTICLE I Green Industry Contractors [Adopted 6-18-1990 by L.L. No. 16-1990]

§ 205-1. Definitions.

For the purpose of interpreting and applying the provisions of this article, the following definitions shall apply:

GREEN INDUSTRY CONTRACTORS — Any person who represents himself/herself to be an arborist, landscaper, gardener or horticulturalist or any person who engages in lawn service, tree care, gardening or landscape services of any form on real property on which such person does not have ownership.

PERSON — Any individual, firm, partnership or any business entity of any form, style or nature, which may or may not be included above, that engages in the type of services noted above.

PRIVATE PROPERTY — All real property, improved or unimproved, within the Village of Tarrytown owned by any corporation, person, partnership, firm or association.

PUBLIC HIGHWAY — Any street open to the public for its full width from property line to property line, including the sidewalk area, whether installed or not installed.

PUBLIC PLACE — Any real property available to or open to use by the public without restriction as to use by the public.

§ 205-2. Registration required; application; fees; reports to be provided; casual day laborers.

- A. No person who represents himself/herself under the definitions included in § 205-1 hereinabove shall perform or provide services associated with that type of business within the Village of Tarrytown, except when such performance or work is done in compliance with the regulations set forth in this chapter.
- B. No green industry contractor shall provide or perform such services within the Village of Tarrytown unless duly registered.
- C. All green industry contractors shall complete registration forms provided by the Village Clerk. The applicant shall provide the village with proof that the applicant has the qualifications and/or the background to perform this type of work.
- D. All applications shall be submitted to the village for verification and review.
- E. An annual registration and reviewing fee, as adopted by resolution of the Board of Trustees, shall accompany the application form. Only the amount required for the reviewing process shall be nonrefundable if the applicant is not deemed acceptable to be registered in the Village of Tarrytown.¹ **[Amended 5-6-1991 by L.L. No. 5-1991]**
- F. All green industry contractors shall provide the village with a report, due on January 31, listing the amount of pesticides and herbicides used by that contractor in the Village of Tarrytown during the previous calendar year.
- G. Residents of the Village of Tarrytown who fall under the definition of "green industry contractors" under § 205-1 under the age of 18 years old or over the age of 60 years old or classified as handicapped or those persons who by law or custom, are considered to be casual day laborers whose work is limited to the cutting of grass, the trimming of shrubs or the raking and bagging of leaves or other light yard work of a similar nature shall be exempt from the requirements of Subsection E hereinabove, provided that they perform these types of services as individuals.

§ 205-3. Use of power equipment; burning of waste products; placement of refuse or leaves in public areas.

- A. No power equipment shall be used in performing any service which is the subject of this chapter between the hours of 5:00 p.m. and 8:00 a.m., Monday through Saturday, and between the hours of 5:00 p.m. and 12:00 noon on Sunday.
- B. No person shall burn any waste product, including but not limited to paper, rubbish, leaves or wood, at any time.
- C. No refuse or material of any type, including leaves, shall be placed along or upon any public property, public highway or public place within the Village of Tarrytown by any green industry contractor in performing any service which is the subject of this chapter.

1. Editor's Note: Such fees are on file and available for inspection in the office of the Village Clerk during regular office hours.

Leaves may be placed on private property pursuant to regulations promulgated by the Board of Trustees and shall only be placed on the property from the second week of October through the second week in December.

§ 205-3.1. Seasonal ban on gas-powered leaf and garden blowers. [Added 5-5-2008 by L.L. No. 8-2008]

- A. The operation of a gasoline-powered leaf and garden blower is prohibited from June 15 through September 15 of each year and on Saturdays, Sundays and holidays during the period September 16 through June 14 each year. Person(s) who own or rent a one- to three-family home, who are using the gasoline-powered leaf and garden blowers at the home where they reside, are exempt from the provisions of this section. During times of emergency caused by a storm, the Village Engineer may declare a temporary moratorium on the operations of this provision. **[Amended 9-20-2010 by L.L. No. 16-2010]**
- B. The Village Engineer may, in his discretion and upon application, grant temporary special permits for the temporary operation of gasoline-powered leaf and garden blowers otherwise subject to this section to accommodate special circumstances, including but not limited to the cleanup of temporary work sites, and shall charge and collect a fee of \$35 for each permit so granted.

§ 205-4. Penalties for offenses. [Amended 5-6-1991 by L.L. No. 5-1991]

Penalties shall be as provided in Chapter 1, General Provisions, Article II.

VILLAGE OF TARRYTOWN

INTERNAL MEMORANDUM


To: Mayor Fixell and the Board of Trustees
From: Michael Blau and Richard Slingerland
Date: April 7, 2017
Subject: EVALUATION OF PERMANENT CLOSURE OF RAMP TO TAPPAN
ZEE BRIDGE

As you may recall, the Village received a grant from the Community Benefits Fund to study the permanent closure of Ramp E which is the ramp from southbound Route 9 directly onto the Tappan Zee Bridge. Included herewith please find a copy of the report. As you may recall, the New York State Thruway Authority and the New New York Bridge will not consider the permanent closure of the ramp without an official request from the Village of Tarrytown. This matter will be placed on an upcoming work session so the Board of Trustees can discuss how you want to proceed with this matter.

MEMORANDUM

DEPARTMENT of PUBLIC WORKS

TO: Richard Slingerland, Village Administrator

FROM: Howard D. Wessells Jr., Superintendent of Public Works 

DATE: 19 April, 2017

RE: Water Tank Rehabilitation Project

A public bid was advertised for the rehabilitation of the three water tanks and the Benedict Ave interconnection chamber. The interconnect chamber connects the water supply of the Town of Greenburgh with the water supply of the Village of Tarrytown. This is the second time the bid was issued. The first bid was rejected due to the costs involved and the way the bid was structured.

Due to a crack in the bottom of the High Service Tank that has been temporarily repaired on at least two separate occasions this portion of the project must be performed and completed on an urgent basis. In order to remove the High Service Tank from service to complete these repairs, there is a requirement that the Benedict Ave Interconnection also be rehabilitated, so that it may function as a backup and buffer to our water pumps, so we may continue to provide water to the high service water district.

I have attached a copy of the bid award recommendation as submitted by our water consultant P.C.I, LLC and am in agreement with their recommendation.

Upon review of the bids by counsel, if the bid is awarded as recommended, the total cost of the project will be \$1,484,750. This total includes \$50,000 in contingency funds for each contractor that can only be used for items either not covered by the bid specifications or change orders. Since the funds available for this project are not sufficient to complete this project additional funding will need to be appropriated by the Board of Trustees, in the additional amount of \$747,834.50. Currently in the capital account H.1418.450 there is a remaining sum of \$736,915.50 for the rehabilitation project and in capital account H.1419.50 there is a sum of \$40,000 for project management. The remaining costs will have to be funded through an appropriation of water fund balance or issuance of debt that will be funded through the Water Fund.

I am requesting that the matter of additional funding be placed on the next available work session. I am also requesting that upon the review and recommendation by counsel, that the award of this bid also be placed on the first available work session.



Octagon 10 Office Center
1719 Route 10, Suite 225
Parsippany, New Jersey 07054

Professional Consulting, Inc.

Phone: 973.683.0044
Fax: 973.683.0077

April 18, 2017

Richard Slingerland, Village Administrator
Village of Tarrytown
One Depot Plaza
Tarrytown, NY 10591

RE: Recommendation of Award (ROA)
Contract No. 2016-06B (REBID 2016-06)
Rehabilitation of Water Storage Tanks and Benedict Avenue Interconnection
Chamber
PCI No. 433

Dear Mr. Wessells:

Bids for the above referenced project were received on March 16, 2017 at 11:00 AM. There were eight (8) plan holders. Three (3) plan holders participate in bidding. Bid received from Amstar of Western New York after 11:00 AM was returned.

The following are the Bid results:

1. Alpine Painting and Sandblasting Contractors	\$ 1,496,950.00
2. Nuco Painting Corp.	\$ 1,608,000.00
3. Valcon America Corp.	\$ 207,800.00*

**Bid for the Rehabilitation of Benedict Avenue Interconnection Chamber only*

Engineers Probable Construction Cost Estimate for the project: \$1.75 Million

Please refer to the attached Summary of Bids.

The bids received were competitive. Alpine Painting and Sandblasting Contractors has the lowest bid for the overall project, and Valcon America Corp has the lowest bid for the Rehabilitation of Benedict Avenue Interconnection Chamber. We have evaluated the low bidders' bid packages and have discussed Contractors' understanding of the project. We have also contacted relevant references of the low bidders. We are satisfied with the information received.

Based on the above, we find that the Alpine Painting and Sandblasting Contractors' bid to be reasonable, and as such, we recommend (subject to Counsel's opinion) that the


project be awarded to Alpine Painting and Sandblasting Contractors, except for the Item No.16, in the amount \$1,276,950.00.

Additionally, we recommend that the bid for the Rehabilitation of Benedict Avenue Interconnection Chamber be awarded to Valcon America Corp. in the amount \$207,800.00.

Earlier we have returned the original bid packages to the Village for Counsel's review, and request his comments be sent to the Village and to our office.

Should you have any questions or require any additional information, please do not hesitate to contact us.

Very truly yours,
PROFESSIONAL CONSULTING, LLC.


Arshad Jalil, P.E., BCEE
Principal

Enclosure

C: Howard Wessells, Superintendent DPW
Steve Silverberg, Esq., Village Attorney

SUMMARY OF BIDS received on March 17, 2017 at 11:00 AM

CONTRACT NO. 2016-068 (REBID 2016-06)
REHABILITATION OF WATER STORAGE TANKS AND BENEDICT AVENUE INTERCONNECTION CHAMBER
VILLAGE OF TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

Item No.	Estimated Quantity	Units	Description	Scaturo Bros. Inc. t/a Alpine Painting & Sandblasting 17 Florida Avenue Paterson, NJ 07603		Nucco Painting Corp. 8 Oval Drive Islandia, NY 11749		Valcon America Corp.* 20 McNamara Lane Goshen, NY 10924	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Lump Sum	L.S.	Insurance Bonds, Permits & Temporary Construction Facilities	N/A	\$90,000.00	N/A	\$30,000.00	N/A	\$9,600.00
2	Lump Sum	L.S.	4.0 Million Gallon High Service Water Storage Tank Repairs & Upgrades	N/A	\$214,000.00	N/A	\$215,000.00	N/A	*
3	Lumpsum	L.S.	4.0 Million Gallon High Service Tank Exterior Painting	N/A	\$310,000.00	N/A	\$376,000.00	N/A	*
4	5,000	Sq.Ft	4.0 Million Gallon High Service Tank Interior Painting	\$55.00	\$275,000.00	\$40.00	\$200,000.00	*	*
5	300	Lbs	Furnishing and Installation of Additional Fittings	\$4.00	\$1,200.00	\$30.00	\$9,000.00	*	*
6	5	Cu.Yd	Additional Foundation Material and Imported Granular Backfill Material	\$120.00	\$600.00	\$1,000.00	\$5,000.00	*	*
7	25	Tons	Additional Asphalt Restoration	\$240.00	\$6,000.00	\$500.00	\$12,500.00	*	*
8	10	Cu. Yd	Additional Concrete	\$500.00	\$5,000.00	\$1,000.00	\$10,000.00	*	*
9	2	Each	Test Pits	\$700.00	\$1,400.00	\$5,000.00	\$10,000.00	*	*
10	1,000	L.Ft.-Dia.VF	Reconstruction of Uncharted and Mismatched Utilities	\$2.00	\$2,000.00	\$5.00	\$5,000.00	*	*
11	100	Cu.Yds	Disposal of Tank Bottom Sediments and Contaminated Waste	\$25.00	\$2,500.00	\$400.00	\$40,000.00	*	*
12	1	Each	Installation of 16-inch Line Stop	\$2,000.00	\$2,000.00	\$48,000.00	\$48,000.00	*	*
13	Lump Sum	L.S.	Installation of Hydrant Assembly, and Gate Valve (Optional Item)	N/A	\$9,000.00	N/A	\$30,000.00	N/A	*
14	Lump Sum	L.S.	0.9 Million Gallon Low Service Tank Power Wash and Exterior Paint (Optional Item)	N/A	\$140,000.00	N/A	\$135,000.00	N/A	*
15	Lump Sum	L.S.	50,000 Gallon Air Break Tank Power Wash and Exterior Paint (Optional Item)	N/A	\$55,000.00	N/A	\$50,000.00	N/A	*
16	Lump Sum	L.S.	Rehabilitation of Benedict Avenue Interconnection Chamber (Optional Item)	N/A	\$220,000.00	N/A	\$280,000.00	N/A	\$148,200.00
17	150	Cu.Yds.	Additional Compaction Grouting (Optional Item)	\$75.00	\$11,250.00	\$50.00	\$7,500.00	*	*
18	Lump Sum	L.S.	Replacement of Air Valve, Butterfly Valves, and Check Valve at High Service Tank	N/A	\$102,000.00	N/A	\$55,000.00	N/A	*
19	Lump Sum	L.S.	Contingencies & Extra Work	N/A	\$50,000.00	N/A	\$50,000.00	N/A	\$50,000.00
TOTAL BASE BID					\$1,496,960.00		\$1,508,000.00		\$207,800.00

*Bid Summation error. Contractor's bid includes item no 1, 16 & 19.

**VILLAGE OF TARRYTOWN
VILLAGE ADMINISTRATOR'S OFFICE
MEMORANDUM**

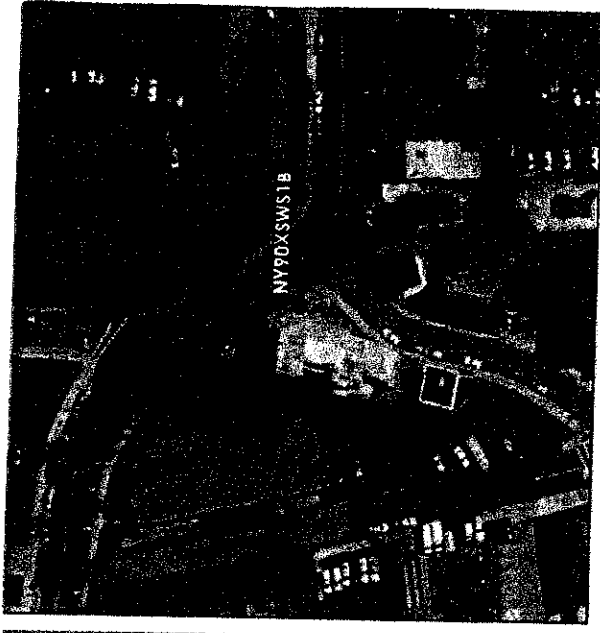
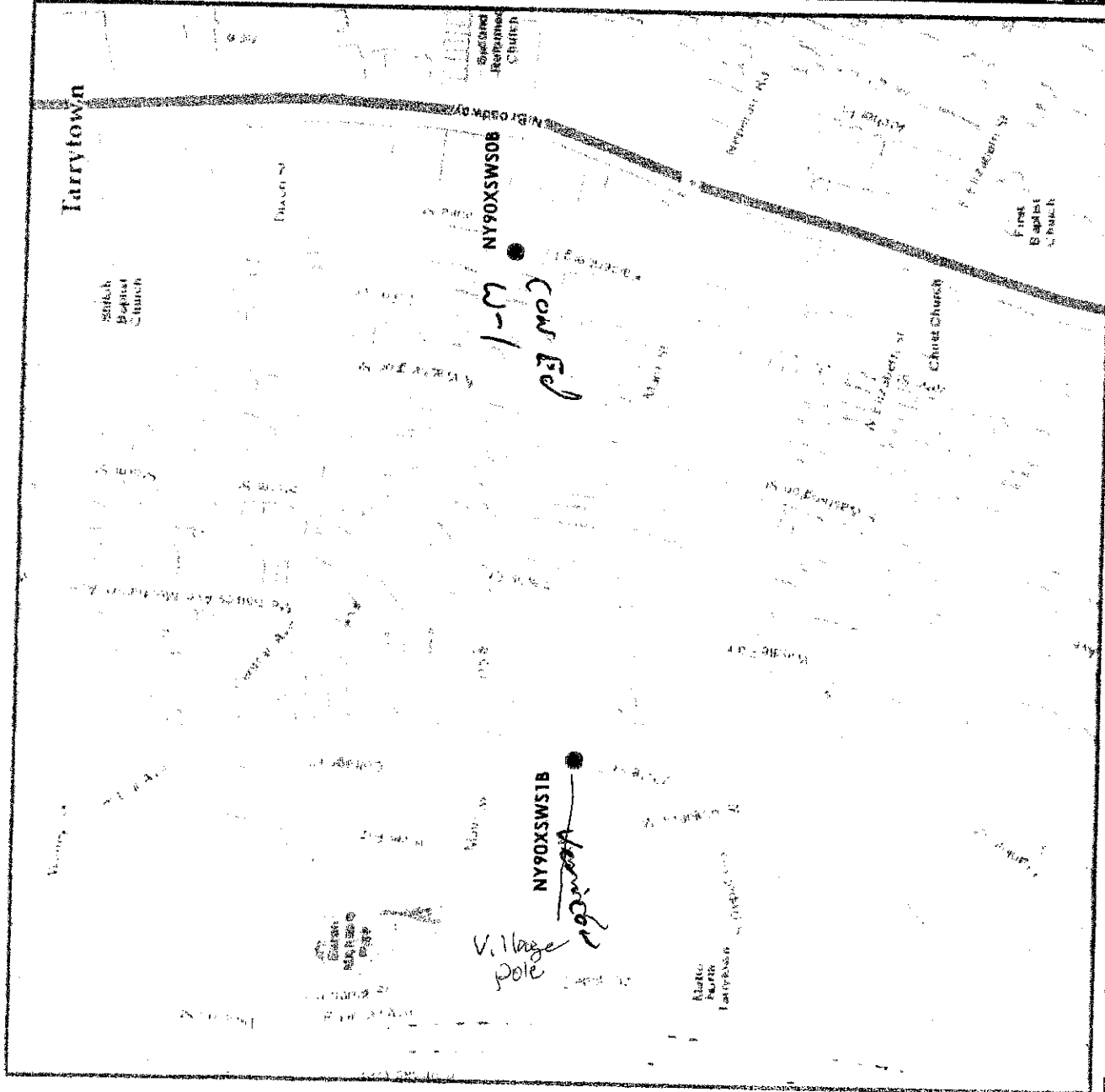
TO: Richard Slingerland, Village Administrator
FROM: Michael Blau, Village Administrator
RE: Mobilitie
DATE: April 11, 2017

Attached herewith please find information provided from a company called Mobilitie, which is a company that fills voids in cellular phone coverage. The company wants to attach what they call their small cell sites to two streetlight poles in the Village. In order to accomplish this, the Village and Mobilitie would have to execute a franchise agreement. They have forwarded a draft franchise agreement to me which I provided to the Village Attorney. However, I directed that he not review the draft agreement until the Board of Trustees decides that they want to proceed with the project. In addition, I have attached a map noting the location of the poles where Mobilitie would like to attach their small cell sites. The location on Main Street is actually a Village pole and not a Verizon pole, so there would either be a separate agreement or language incorporated into the franchise agreement allowing for the use of the Village pole for this purpose. The other location is at the intersection of Kaldenberg Place and Central Avenue.

I requested the RF report for the small cell sites and that was provided and attached herewith. Page 4 provides you with the comparison of Mobilitie's equipment compared to the FCC regulatory standard.

The Board voiced concern that the one location on Main Street was in front of a residence and I asked the representative whether that small cell site could be moved down Main Street. He said that was not preferable because of the location at the top of the hill as opposed to further down the hill, but if this was an absolute they would do an analysis of this location and other locations. I did not convey this response to the Board as of this writing, but wanted to share it with you so that you could decide how to proceed.

The contact person at Mobilitie is Paul Costa. His phone number is 917-656-9083 and his email is PCosta@mobilitie.com.



0 200 400 Feet



Mobile ID	Latitude	Longitude
NY90XSW51B	41.07702	-73.86273
NY90XSW50B	41.07744	-73.85883

• Small Cell, Attachment

Tarrytown Village, NY

mobilitie

intelligent infrastructure

Nov 17, 2016



0 0.07 0.14 Miles

Radio Frequency- Electromagnetic Energy-EME Measurements & Compliance Report

Site ID: 9NYB007759
Site Name: 9NYB007759
Market/Region: New York
Address: Main St. & White St.,
Tarrytown, NY - 10591
Latitude: 41.077051
Longitude: -73.862768
Site Type: Light Pole

Compliance Status:

Proposed equipment at the site is compliant with FCC guidelines for General Population environments

Prepared for:

Mobilitie, LLC
2220 University Drive,
Newport Beach, CA 92660

By
ATG LLC

Date:01/26/2017



TABLE OF CONTENT

1 EXECUTIVE SUMMARY.....	3
2 MAXIMUM PERMISSIBLE EXPOSURE (MPE) MODELING RESULTS FOR PROPOSED SITE.....	3
3 ANTENNA INVENTORY.....	5
4 MODELING SUMMARY AND ASSUMPTIONS.....	6
4.1 GENERAL MODEL ASSUMPTIONS.....	6
5 PREPARER CERTIFICATION.....	7
APPENDIX A.....	8
FEDERAL COMMUNICATIONS COMMISSION (FCC) REQUIREMENTS.....	8
APPENDIX B.....	11
GLOSSARY OF TERMS.....	11
APPENDIX C.....	12
ROOFVIEW EXPORT FILE.....	12

1 Executive Summary

Purpose of Report

ATG LLC's RF Engineering has conducted radio frequency electromagnetic energy (RF-EME) modeling for Mobilitie LLC's site 9NYB007759 located at the intersection of Main St. & White St., Tarrytown, NY to determine RF-EME exposure levels from the carrier's proposed wireless communications equipment.

The Federal Communications Commission (FCC) has developed Maximum Permissible Exposure (MPE) limits for general public and occupational exposures to RF-EME. This report summarizes the results of RF-EME modeling in relation to relevant FCC compliance standards for limiting human exposure to RF-EME. The details of FCC defined exposure limits are provided in Appendix A of this report.

Analysis results included in this report are based on drawings dated Jul 19th, 2016.

Statement of Compliance

Predictive modeling conducted using the original equipment manufacturers (OEMs) specifications for radio and antenna performance along with the supplied construction drawings dated Jul 19th, 2016, indicate, there will be no exposure due to the carrier's proposed equipment on accessible ground-level walking surface at this site that exceeds the FCC's general public exposure limits.

Proposed equipment at the site is compliant with FCC guidelines for general population environments.

2 Maximum Permissible Exposure (MPE) Modeling Results for Proposed Site

The predictive modeling was conducted using the RoofView 5.0 suite of analysis tools. The modeling was conducted with the antennas operating at 100% capacity, all antenna channels transmitting simultaneously and the radio transmitters operating at full power. Obstructions (trees, buildings etc.) that would normally attenuate the signal are not taken into account. As a result, the predicted signal levels are more conservative (higher) than the actual signal levels would be during normal operations. The modeling calculations were made for an area 40'x 40' area with the equipment at the center.

Table 1: Maximum Permissible Exposure- Summary

Location	% of FCC General Public/Uncontrolled Exposure Limit	% of FCC Occupational/Controlled Exposure Limit	Power Density (mW/cm ²)	Compliance Status
6ft above ground level	4.30	0.86	0.043	Compliant
Adjacent Building @ antenna height, 14.53ft away from the pole	8.26	1.65	0.0826	Compliant

Figure 1
Distance of the pole to the nearest building

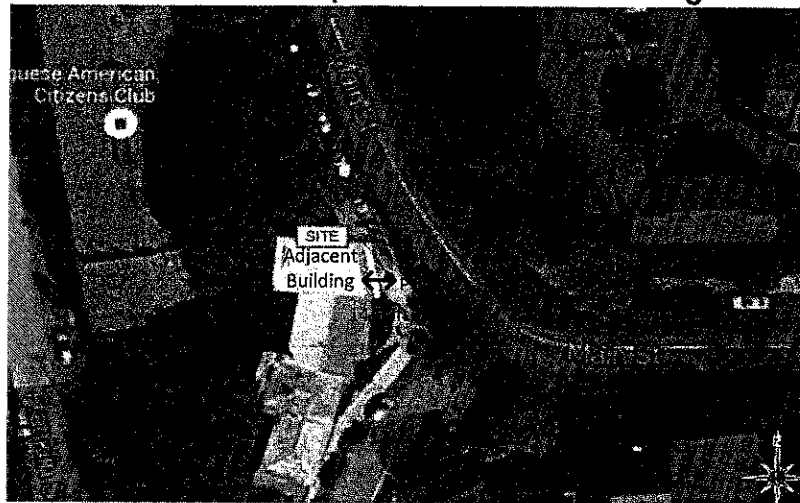
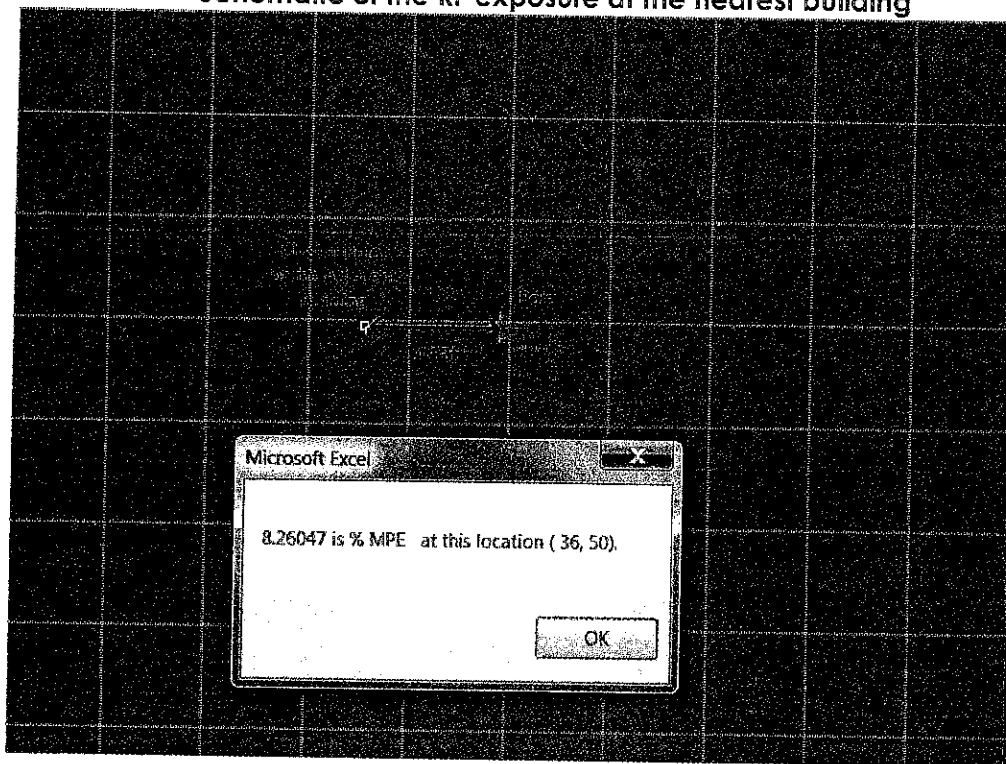


Figure 2
Street view of the pole and the nearest building



Figure 3
Schematic of the RF exposure at the nearest building



LEGEND:	
EXPOSURE LEVEL: (5% General MPE)	Greater than 100%

The RF exposure modeling done for the nearest building at antenna height shows an exposure of 8.26047% (or 0.0826 mW/cm²) of General Public Standard. Therefore, the power density at the closest point of the building is well below the 1 mW/cm² limit of General Public Standard.

3 Antenna Inventory

The Antenna Inventory shows all transmitting antennas on the site (see Table 2). This inventory was used by ATG to perform the software modeling of RF emissions. The inventory conforms with the submitted construction drawings which identifies the proposed mounting location of each antenna at the site. The exposure level is calculated for a person of height 6ft standing right below the devices at ground level.

Table 2: Antenna Inventory

Antenna ID	Carrier/Operator	Antenna Type	Frequency (MHz)	Technology	ERP (W)	Gain dBd	Mfg.	Model	Aperture (ft.)	Transmitter count	Horizontal Beam Width (deg)	Z (6 ft. above Ground)
1	Mobilitie	Omni	2496	LTE	279.94	8.45	Plasma Antennas	SC-800 OMNI B4I	2.95	2	360	17.72
2	Sprint	LTE Relay BH	2496	LTE	30.53	9.85	Airspan	Airspan iRelay (i460)	1.1	1	35	10.45

The table below details the operating power and Effective Radiated Power (ERP) for each carrier and frequency used in the modeling.

Frequency (MHz)	Power per Transmitter (Watts)	# of Transmitters	ERP (watts)
2496 (Omni)	40	2	279.94
2496 (UE Relay)	3.2	1	30.53

4 Modeling Summary and Assumptions

4.1 General Model Assumptions

The modeling was conducted using the antenna and radio maximum power values, while operating at full power with 100% duty cycle.

The site has been modeled with these assumptions to calculate the maximum RF energy density. ATG believes this to be a worst case analysis, based on data supplied by the OEMs and client. If actual power density measurements were made, ATG believes the real time measurements would indicate levels below those shown in the report.

5 Preparer Certification

I, Preparer, state that:

- I am an employee of ATG LLC that provides RF-EME safety and compliance services to the wireless communications industry.
- I have successfully completed 100s of RF-EME exposure studies and reports for various carriers.
- I am aware of the potential hazards from RF-EME exposures that would be classified "occupational" or "general public" under the FCC regulations.
- I am familiar with the FCC rules and regulations as well as OSHA regulations both in general and as they apply to RF-EME exposure.
- I have reviewed all the data related to the site and incorporated it into this study and Compliance Report such that the information contained in this report is true and accurate to the best of my knowledge.

Shafin Mohammed

Shafin Mohammed (RF Engineer)

Appendix A

Federal Communications Commission (FCC) Requirements

This appendix summarizes the policies, guidelines and requirements that were adopted by the FCC on August 1, 1996, amending Part 1 of Title 47 of the Code of Federal Regulations, and further amended by action of the Commission on August 25, 1997 (see 47 CFR Sections 1.1307(b), 1.1310, 2.1091 and 2.1093, as amended). Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the preparation of an Environmental Assessment (EA), as described in 47 CFR Section 1.1311, if the particular facility, operation or transmitter would cause human exposure to levels of radiofrequency (RF) electromagnetic fields in excess of these limits.

The potential hazard associated with the RF electromagnetic fields is discussed in OET Bulletin No. 65. This document can be obtained on the FCC website. (https://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet65/oet65.pdf)

As per FCC guidelines there are two separate tiers of exposure limits that are based upon occupational/controlled exposure limits (for workers) and general public/uncontrolled exposure limits for members of the general public.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means

General public/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment and not be made fully aware of the potential for exposure or cannot exercise control over their exposure.

The FCC's MPE limits for field strength and power density are given in Table 1 (and in 47 CFR § 1.1310) Figure 1 is a graphical representation of the limits for plane-wave (far-field) equivalent power density versus frequency. The FCC's limits are generally applicable to all facilities, operations and transmitters regulated by the Commission, and compliance is expected with the appropriate guidelines. The power density limits vary by frequency to take into account the different types of equipment that may be in operation at a particular facility and are "time-averaged" limits to reflect different durations resulting from controlled and uncontrolled exposures.

(A) Limits for Occupational/Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500	—	—	f/300	6
1500-100,000	—	—	5	6

(B) Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	—	—	f/1500	30
1500-100,000	—	—	1.0	30

f = frequency in MHz

*Plane-wave equivalent power density

f = frequency in MHz *Plane-wave equivalent power density

Table 1

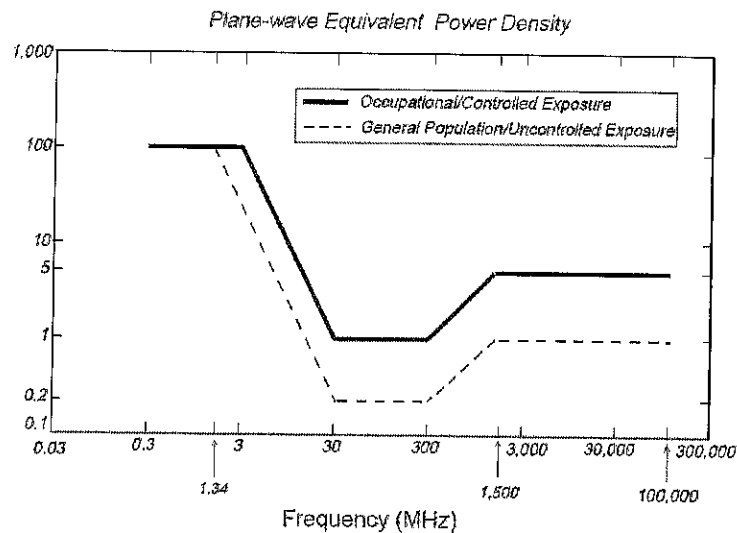


Figure 1. FCC Limits for Maximum Permissible Exposure (MPE)

The above mentioned FCC guidelines define MPE limits that are designed to provide substantial margin of safety for continuous exposure of all persons regardless of gender, age, size or health.

FCC Compliance Requirement

In general, as specified in 47 C.F.R. 1.1307(b), as amended, when the FCC's guidelines are exceeded in an accessible area due to the emissions from multiple fixed transmitters the following policy applies. Actions necessary to bring the area into compliance with the guidelines are the shared responsibility of all licensees whose transmitter's contribution to the RF environment at the non-complying area exceeds 5% of the exposure limit (that applies to their particular transmitter) in terms of power density or the square of the electric or magnetic field strength.

For non-compliant sites, Occupational Safety and Health Administration (OSHA) set recommendations to make the sites compliant. The document can be found in the link: https://www.osha.gov/dte/library/radiation/nir_stds_20021011/nir_stds_20021011.ppt

Appendix B

Glossary of Terms

1. *Electromagnetic Field (energy density)* – the electromagnetic energy contained in an infinitesimal volume divided by that volume.
2. *Exposure* – Exposure occurs whenever and wherever a person is subjected to electric, magnetic or electromagnetic fields other than those originating from physiological processes in the body and other natural phenomena.
3. *General Population / Uncontrolled Exposure* – applies to human exposure to RF fields when the general public is exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public always fall under this category when exposure is not employment-related.
4. *Maximum Permissible Exposure (MPE)* – the rms and peak electric and magnetic field strength, their squares, or the plane-wave equivalent power densities associated with these fields to which a person may be exposed without harmful effect and with an acceptable safety factor.
5. *Occupational / Controlled Exposure* – applies to human exposure to RF fields when persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/controlled limits.
6. *Power Density (S)* – Power per unit area normal to the direction of propagation, usually expressed in units of watts per square meter (W/m^2) or, for convenience, units such as milliwatts per square centimeter (mW/cm^2) or microwatts per square centimeter ($\mu\text{W/cm}^2$).

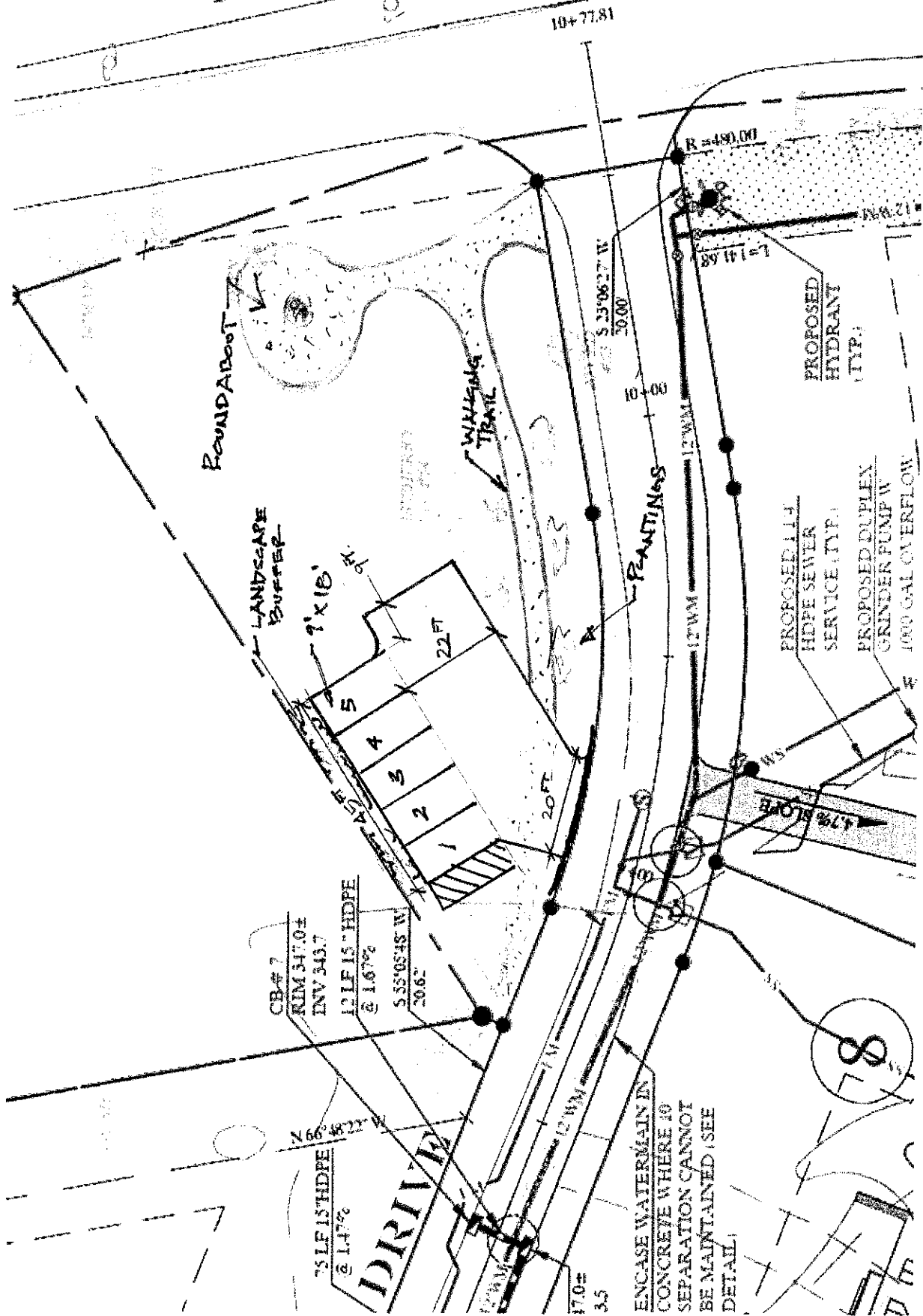
Appendix C

RoofView Export File

The below file shows the Antenna information that has been used to calculate the MPE levels using RoofView 5. RoofView is a powerful, Excel based software analysis tool for evaluating radiofrequency (RF) field levels at telecommunications sites that are produced by antennas of the type commonly used in the cellular, paging, SMR, PCS and conventional two-way radio communication services

Definition														
Roof Max	Roof Max	Map Max	Map Max	V Offset	X Offset	Antenna	Antenna	Antenna	Antenna	Antenna	Antenna	Antenna	Antenna	Antenna
100	100	200	100	0	0	1	SKS121-SC	SKS121-SC	SKS121-SC	SKS121-SC	SKS121-SC	SKS121-SC	SKS121-SC	SKS121-SC
Standard														
Method	Uptime	Scan	Factor	Low	High	Ant	Color	Ed	Color	Over	Color	Ap	HA	Method
4	1	4	1	1	1	100	4	1000	2	3	1.5			
Antenna														
It is advisable to provide an ID part 15 for all antennas														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile	2400						40	40	40	40	40	40	40
2	Mobile	2400						40	40	40	40	40	40	40
Antenna														
ID	Name	Power	Trans	Trans	Loss	Gain	Other	Input	Calc	Power	Power	Model	X	Y
1	Mobile</													

TOWER HILL



Village of Tarrytown
Opinion of Probable Construction Cost

Date: 4-4-17
By: dp
Checked By: HW/dp

Title:	Wilson Park Trails
Description:	Parking Area - County House & Wilson Park
Job No.	Parking Area

[illegible]

Village of Tarrytown

Boat Launch

Tarrytown Lakes

Water Service Main to Buildings

By: dp

By: HW/dp

[illegible]

**PROPOSAL FOR
DESIGN SERVICES
FOR PATRIOTS PARK
VILLAGE OF TARRYTOWN, NY**

March 24, 2017

G. Construction Administration Phase - \$12,000

Munz Associates will attend a pre-construction meeting, provide RFI's as necessary and attend (twice weekly) site visits during construction to ensure that design implementation is being carried out in accordance with the plans and specifications. It is anticipated that this phase includes **(24) twenty-four site visits (three month construction window)**, and includes review shop drawings and samples. *Munz Associates* shall prepare a punch list, substantial completion forms, review payment requisitions, coordinate and finalize as-built surveys and a final sign off of scoped construction. The cost for this phase of work could be less if it is deemed that site visits twice a week are not necessary.

Project Fee Summary

Survey	\$4,500.00
Site Analysis	\$2,000.00
Conceptual Design Phase	\$8,000.00
Contract Design Phase	\$12,500.00
Bid and Award Phase	\$2,000.00
Construction Administration	<u>\$12,000.00</u>
Total	<u>\$41,000.00</u>
Permitting (if required – additional cost)	\$3,000.00

Reimbursable Expenses

Traditional reimbursable and out of pocket expenses such as reproduction, photography, regular post mailings have been included in the fee. *Reproduction of Bid Documents for bidding has not been included in the fee.*

Respectfully,



Lucille S. Munz, ASLA
Principal-in-Charge, Landscape Architecture
Attachments

Munz Associates
Architecture & Landscape Architecture, PLLC

Tel (914) 358-5450 Fax. (914) 358-5451 www.munz-associates.com

4. Review and approve contractor progress applications for payment.
5. Review and approve final application for payment.

Assumptions

1. The project will be designed, bid, and constructed as a public works project as a lump sum bid, with alternates if applicable.
2. The village owns property and no easements or boundary survey is required (tax map overlay will be provided)
3. Investigation of subsurface utilities not included above.
4. SEQR review, permitting assistance not included in design fee.
5. Water, sewer and other utilities available to the site are sufficient to accommodate the proposed improvements.
6. No hazardous materials investigations are required.
7. No cultural resources investigation or approvals required.
8. Each phase would proceed with no more than one revision.
9. Selection of site amenities such as benches and railings, playground and other equipment and retaining walls would be standard pre-engineered items and not custom designed.

Cost Proposal

1. Behan Planning and Design will develop the final schematic design as outlined above for a lump sum fee of \$40,000 including draft schematic design and opinion of probable cost.
2. Behan Planning and Design will develop the construction documents up through bidding phase including review of bids for an additional fee of five (5) percent of the opinion of probable cost. (Based on an approximate \$400,000 budget).
3. Behan Planning and Design will provide construction contract administration phase services for an additional fee of five (5) percent of the cost of the awarded contract. (Based on an approximate \$400,000 budget).
4. Changes to the project during construction (change orders, etc.) will be invoiced at five (5) percent of the value of the change order if no change to the construction documents are required or at ten (10) percent of the value of the change order if changes to the construction documents are required.
5. Cost of topographic survey and other required specialty engineering services will be invoiced as a reimbursable expense at cost plus ten percent.
6. Additional services will be provided upon request of the village either as an hourly service or lump sum fee, whichever is mutually agreed.

March 24, 2017

CORPORATE HEADQUARTERS

100 Crossways Park Drive West,
Suite 104
Woodbury, New York 11797
516.364.0660

37-18 Northern Boulevard, Suite 525
Long Island City, New York 11101
718.942.3320

www.bthayerassociates.com

Barbara Thayer, PE, RA
President

Curtis Velsor, RLA, ISA Certified
Arborist
Vice President, Landscape
Architecture

John R. McWilliams, LS
Vice President, Land
Surveying/Mapping

Robert W. Browne, RA
Vice President, Architecture

Kevin Papasian, PE
Vice President, Engineering

Mr. Michael Blau
Village Administrator
Village of Tarrytown
One Depot Road
Tarrytown, New York 10591

RE: **Technical Proposal for:
Patriots Park Improvement Project
Design, Bidding and Oversight
Village of Tarrytown, New York**

Dear Mr. Blau:

B. Thayer Associates is pleased to present our cost proposal with a total fee of **\$33,900.00** for Landscape Architecture design services associated with Patriots Park Improvement Project, Design, Bidding and Oversight.

Fee – Not-to-Exceed Cost:

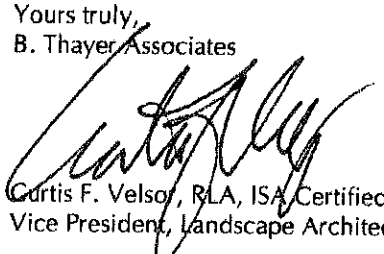
Task A	- Site Analysis	\$ 2,200.00
Task B	- Detailed Conceptual Plan	\$ 4,500.00
Task C	- Detail Plans/Bid Documents	\$ 19,500.00
Task D	- Bid Phase Services	\$ 2,000.00
Task E	- Construction Oversight	\$ 5,600.00
		\$ 33,900.00

Should additional survey services be required to supplement the existing topographic map provided by the County, Survey Services would be an additional \$3,000.00 for Task A.

Your consideration of our proposal to meet your needs and goals is greatly appreciated. I believe you will find that B. Thayer Associates' experience, expertise, and commitment to excellence make our firm highly qualified to undertake and successfully execute this project.

Should you have any questions please feel free to call anytime. I can be reached at 516.364.0660 x106. We look forward to working with you and your staff on this contract.

Yours truly,
B. Thayer Associates


Curtis F. Velsor, RLA, ISA Certified Arborist
Vice President, Landscape Architecture

EBERLIN & EBERLIN

Science, Design, and the Environment

Consulting Engineers

Landscape Architects

Planners

- grading and drainage plan;
 - sediment and erosion control plan;
 - detail sheets and sections;
 - technical specifications and bid documents for our work,
3. Estimate of probable construction costs,
 4. Copies of all documents under 2 above to be given to the Village at the 30% and 95% stages of completion. This will allow the Village to review and comment and Eberlin to address these comments. Eberlin will participate in meetings and telephone conferences as necessary for review and comment.
 5. Assistance in obtaining suitable contractors.
 6. Coordinate and conduct a pre-bid meeting.
 7. Evaluation of bids received and written recommendations and analysis to be provided to the Village for selection of the contractor.
 8. Review contractor's submissions and pay requisitions for the Village.
 9. Visit the site twice a week to observe construction progress including weekly construction meetings with the contractor and a representative(s) from the Village.
 10. Prepare final punch list of remaining or incomplete work items.

Excluded from our proposal shall be the following:

1. Preparation of topographic survey (to be provided by the Village). We shall assist in coordinating this task.
2. Preparation of an As-Built survey. This will be the contractor's responsibility. We will review and comment on the as-built only.

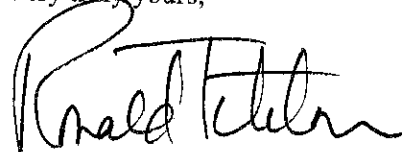
Our fee for this work shall be \$17,500.00.

Please feel free to contact any of the references included on the accompanying project sheets.

Lastly, please do not hesitate to contact me for any additional questions you may have or to set up a face to face meeting.

Thank you for this opportunity for Eberlin & Eberlin to present our proposal to you.

Very truly yours,



Ronald C. Tetelman, R.L.A.
President

VILLAGE OF TARRYTOWN - MASTER FEE SCHEDULE
April 6, 2009

TYPE OF PERMIT	FEE	Date Amended
Alarm User Permit	\$75 Residential - (2-year permit)	9/17/2012
	\$150 Commercial (2-year permit)	9/17/2012
	Renewal - \$50 Residential (2-year permit)	9/17/2012
	Renewal - \$100 Commercial (2-year permit)	9/17/2012
Architectural Review Board	\$50 Application + \$2 per \$1,000/cost	
Bingo	\$25 per occasion	
Birth/Death Certificates	\$10	
Blasting	\$500 + \$250,000 Bond & Cert. of Insurance	
Boat Launching	\$50 resident annual (expires in Dec.)	
Building Legalization	Building Permit Fees Doubled	
Boat Live Aboards	\$1,100 per boat	
Building Permits	\$60 + \$18 per \$1,000 (Renovation)	4/29/2015
	\$60 + \$2.50 per sq. ft. New Residential	4/29/2015
	New Commercial \$60 + \$3.50 per sq. ft. (All Floor Areas)	4/29/2015
	\$75 Reinspection Fee - All	
	Construction Operations outside of permitted hours [§ 215.6B(1)]- 25% Extra permit fee charged by Building Dept.	11/3/2009
Plumbing Permit Fees	Permit Fee - \$60.00	4/29/2015
	Roughing inspections - \$50.00	4/29/2015
	Testing - \$50.00	4/29/2015
	In-ground sewer or gas - \$50.00	4/29/2015
	Gas test - \$50.00	4/29/2015
	Final inspections - \$50.00	4/29/2015
	Reinspection Fee - \$90.00	4/29/2015
Carting	\$250 per Company; \$100 per truck	
Certificate of Compliance	Included in Building Permit Fee	
Certificate of Occupancy	Included in Building Permit Fee; \$20 for copy of C.O.	4/29/2015
Circus and Carnivals	Private \$25 + \$1 million insurance; Charitable - no fee but \$1,000,000 ins.	

Cross Control Program	\$50 Administration Fee	
Curb Cut - Repair/Replacement	\$15.00/lineal foot - Minimum Fee: \$100.00 - Security Deposit:	12/16/2013
Dance Halls & Cabarets	\$150 per year or \$10 per day	
Dog Licenses	As of 1/1/2011 - Dog Licenses are issued by Town of	
Dumpsters	\$15/day + \$200 deposit; add'l \$40/day if parking space used	
Electrical Permits	0-\$499 = \$60	4/29/2015
	\$500-\$999 = \$70	4/29/2015
	\$1,000-\$1,999 = \$85	4/29/2015
	\$2,000-\$3,999 = \$95	4/29/2015
	\$4,000-\$9,999 = \$150;	4/29/2015
	\$10,000-\$50,000 = \$235+2.35% of value over \$10,000	4/29/2015
	\$50,000 and over = \$1,750.00	4/29/2015
Excavation or Fill	\$100	
False Alarms	1-2/year = No Charge	
	3/year - \$25	
	4/year - \$75	
	5/year - \$150	
	6 or more/year - \$250 per occurrence	
Filming	Public Property - \$2,500 - 1st day; \$2,000 each day thereafter	4/3/2017
	Private Property - \$1,500 - 1st day; \$1,000 each day thereafter	4/3/2017
	Non-foro-profit - \$250 - 1st day; \$125 each day thereafter	12/21/2010
	Student - \$100 - 1st day; \$50 each day thereafter	12/21/2010
	Reserved Parking Space - \$40 per space per day (all categories)	
Fingerprints - Non-Criminal	\$25	
Fire Hydrant Use	\$100 + \$25 turn on + \$25 turn off	
Fire Inspection Fees	(amended fees adopted 5/18/09)	5/18/2009
Multi-Family	FEE	
1-4 Units	\$100.00	
5-10 Units	\$150.00	
11-20 Units	\$225.00	
21 or more	\$325.00	
Commercial		

Restaurant	\$100.00	
Church	\$100.00	
Store	\$100.00	
Multi-Family plus Commercial	Fee for Multi-family + \$100 for ea. commercial use in structure	
Other		
Private Club & Social Institution without Residential Rooms	\$100.00	
Private Club & Social Institution with Residential Rooms	\$100 + \$10/residential room	
Private School	\$100.00	
Public School	No Fee	
Municipal Building	No Fee	
Private Residential School	\$250 + \$10/residential	
Hotel	\$250 + \$10/hotel room	
Office Building	Up to 5,000 sq. ft. - \$150.00 \$150 + \$25 for ea. Add'l 1,000 sq.ft.	
Fire Sprinkler Service	\$50 application; \$10/\$1,000 of cost of construction	
Fishing (Buttons)	Tarrytown Resident - \$5 Tarrytown Resident over 62 and under 16 - Free Sleepy Hollow Resident - \$10	
FOIL and Documents	Town of Greenburgh and Town of Mt. Pleasant Residents - \$15 \$.25/page; videos and DVD's \$20/1 DVD or Video; \$25/2 DVD or Videos of same meeting; Village Code - \$150; Certified Copy of Elec. License - \$5	4/4/2011
Freshwater Wetlands Permit	\$150	
Games of Chance	\$25 per occasion	
Good Conduct Letters	\$25; No charge for Government Agencies	
Green Industry Contractors	\$150 - Business Permit; \$25/truck	
Hydrants, Private (unmetered)	\$100 per year per hydrant	

Hydrant Meters	\$50 permit fee. First Week or parts thereof:	
	1st Hydrant = \$100; 2nd Hydrant = \$50; Each add'l hydrant =	
	Each Additional Week: 1st Hydrant = \$100; 2nd Hydrant = \$50;	
	Each add'l Hydrant = \$25; If parking space is used =	
Laundromats	\$100 per year	
Parking Meter Rates	(On-street and all parking lots with exception of long-term parking lots and on-street meters designated for long-term parking) - \$.25 for twenty minutes	4/6/2015
Parking Meter Rates Long Term Parking	(On-street long term meters on Cortlandt Street and Lower Main Street; parking lots and areas on west side of Metro North Commuter Railroad tracks, South Depot Parking Lot and parking lot north of Village Hall) - \$1.50 per hour to a maximum of \$12.00 per day	4/6/2015
Parking Permits	Resident \$385/year; \$290/semi-annual	4/29/2015
	Non-Resident \$1,200/year; \$775/semi-annual	4/29/2015
	Non-Resident Business \$300/year; \$240/Semi-Annual	6/1/2010
	Resident Carpool \$375 + \$75 each add'l car; Semi-Annual \$300 + \$50 each add'l car	4/29/2015
	Non-Resident Carpool \$1,200 + \$140 each add'l car; Semi-Annual \$775 + \$110 each add'l car	4/29/2015
Parking Permits	One Day Parking Permit-\$5 Resident	
	Vacation Permit \$5/day (3 day minimum; 14 day maximum)	
	Transfer Fee - \$5.00	
	Cash Key \$30; \$15 refunded upon return of cash key	
Parking Permits - Commercial Vehicles	Semi Annual Annual	
Resident Commercial - Section 291-49.A.A.	\$350.00 \$575.00	7/18/2011

Non-Resident Commercial - Section 291-49A.A.	\$750.00	\$450.00	7/18/2011
Resident Commercial - (oversized vehicle) Section 291-49.A.B.	\$840.00	\$500.00	7/18/2011
Non-Resident Commercial - (oversized) Section 291-49.A.B.	\$1,090.00	\$625.00	7/18/2011
Pawnbrokers		\$100 per year	
Peddlers & Solicitors		Annual: Resident: \$150; Non-Resident: \$250.00	9/21/2010
		Semi-Annual: Resident: \$100.00; Non-Resident: \$200.00	9/21/2010
Planning Board		Site Plan = \$500 + \$25 per parking space + \$50 each dwelling	
		Subdivision = \$1,000 + \$1,255/lot	
		Recreation Fee (2012) = \$9,392.00/increases annually in	5/7/2012
		Escrow = \$2,500 - \$10,000 as determined by Planning Board	
		Recreation Fee For each new dwelling unit lot created	
Plumbing Permit Fees		\$50 application fee	
		\$40 roughing inspection	
		\$40 testing	
		\$40 in-ground sewer or gas	
		\$40 gas test	
		\$40 final	
		\$75 reinspection fee	
Police Accidents Reports		\$5.00 per report	12/21/2015
Police Dept. FOIL		For minor FOIL requests, such as police reports, which are readily available - 25 cents per page. When a FOIL request requires significant effort - 2 hours or more - then the actual cost of the lowest paid employee who has the skill to fulfill the request as well as a fee based on the storage medium used shall be charged	12/7/2009
Property Searches		\$100	
Recreation Programs			
Adult Basketball		Fall/Winter - \$1,400/team	5/16/2011
Adult Softball		Summer Men's - \$1,300/team	5/16/2011
		Summer Coed \$1,300/team	5/16/2011
		Fall Men's - \$800/team	5/16/2011

Adult Exercise	\$120 (12 sessions)	9/4/2012
(Aerobics, Pilates and Zumba)		
Babysitting Course	\$85 (2 night program)	8/31/2012
Fitness Center	Child (16 - 17) - 1 Year \$200.00 - 6 mos \$120.00	9/29/2016
	Adult (18+) - 1 Year \$300.00 - 6 mos \$180.00	9/29/2016
	Couple - 1 Year \$450.00 - 6 mos \$270.00	9/29/2016
	Family Plan - 1 Year \$600.00 - 6 mos \$360.00	9/29/2016
	Senior Citizen (60+) 1 Year \$150.00 6 mos \$90.00	11/21/2016
	Full Time College Student (Must provide valid college I.D. - 1 Year \$150.00	11/21/2016
	Guest Fee (Must come with a Member) - \$15/day	11/21/2016
Ice Skating	Resident 18+ \$10 season	
	17 and under \$5 season	
	Resident Senior \$5 season	
	Non-Resident \$5 per day	
Loose Park Fields	Without Lights \$50/hour (3 hour minimum)	
	With Lights \$75/hour (3 hour minimum)	
Pee Wee Baseball	\$20 (7 sessions)	
Pierson Park Pavilion	\$250 Residents; \$500 Non-Residents (\$50 non-refundable)	5/19/2014
Performance Pavilion	Performance Pavilion for casual use - Resident Fee - \$50/hour up to	5/19/2014
	of three (3) hours. Non-residents may not rent the Performance Pavilion	
Pilgrim Run	Resident (pre-registered) \$20	5/16/2011
	Resident (day of race) \$25	5/16/2011
	Non-Resident (pre-registered) \$25	5/16/2011
	Non-Resident (day of race) \$30	5/16/2011
Summer Day Camp	Resident \$130/week	5/16/2011
	Each add'l Child \$120/week	5/16/2011
	Non-Resident \$160/week	5/16/2011
	Each add'l Child \$150/week	5/16/2011
	Extended Day \$40/week	5/16/2011
	Early Arrival \$30/week	5/16/2011

Summer Tot Camp	Resident \$110/week	5/16/2011
	Each add'l Child \$100/week	5/16/2011
	Non-Resident \$135/week	5/16/2011
	Each add'l Child \$125/week	5/16/2011
	Extended Day \$30/week	5/16/2011
	Early Arrival \$20/week	5/16/2011
Scaffolding Permit	\$50	
Sanitary Sewer &	\$50 application fee +\$40/day for use of parking space	
Stormwater Connection	\$350 for connection for tap into manhole or catch basin	
	\$1,000 for tap into sewer line	
Shopping Carts Left on Streets	\$25	
Sidewalk Café	Café - \$100 plus \$3.50 s.f.	2013
Sidewalk Vending	Vending - \$250	10/21/2013
	Boards only - \$100	
Sidewalk Musicians	\$10 annually (a maximum of 4 sidewalk musician permits issued per year)	10/21/2013
Sidewalk Closing	\$25 + \$40 per day for parking spaces + \$250 security deposit	
Sandwich Board Permits	\$100.00/year	10/21/2013
Sidewalk Opening Permit	\$3.00/square foot - Minimum Fee: \$100.00 - Security Deposit - \$1,000.00	12/16/2013
Signs	Single faced less than 25 sq. ft. - \$50	
	Single faced 25 sq. ft. or more - \$50	
	Double faced - \$50	
	Awning Sign - \$50	
	Illumination on Sign - \$25 add'l.; Flood Lighting - \$25	
	Floodlighting - \$25	
Special Use Permit (Board of Trustees)	\$500	
Steep Slopes Clearance Application	\$150	

Street Opening Permit	\$3.00/square foot - Minimum Fee: \$100.00 - Security Deposit - \$1,000.00	
Swimming Pool Fees	Family Rate (2 Adults and no limit on number of children up to 21 years of age) - \$400.00	1/17/2017
	Individual (21 years of age or over) - \$200.00	1/17/2017
	Student (age 14 to 21) - \$100.00	1/17/2017
	Senior Citizen (60 and older) - \$100.00	1/17/2017
	Nanny Au pair - \$200.00	1/17/2017
	Daily Rate (age 4 and older)* - \$10/weekday; \$15/weekend	1/17/2017
	Daily Rate (age 3 and younger) - no charge	1/17/2017
	*Maximum number of guests (daily rate) per member - 2	1/17/2017
Taxi/Livery	Business License \$250/year	
	Taxicab Fee \$100 each car	
Taxi Fares	\$4 within Village; \$1 each add'l person to same stop	
Reproduction of Westchester County Taxi & Limo Commission License	\$10.00	10/15/2012
	Senior Citizens (62+) \$3 within Village; \$1 each add'l person	
Towing License	\$250 Business License	
Towing Rates	Non-commercial vehicles within the Village of Tarrytown - \$125.00	12/19/2016
	Per mile outside a 2-mile radius of the Village line - \$5.00	8/16/2010
	Flat Bed Service - \$175.00	8/16/2010
	Road Service - \$75.00	8/16/2010
	Winching Rates - \$105.00	8/16/2010
	Rollover - \$200.00	8/16/2010
	Storage Fee Per Day \$50.00	12/19/2016
	Pick up prior to vehicle being hooked to tow truck - \$75.00	12/19/2016
	After hours retrieval of towed vehicle - \$65.00	12/19/2016
	Yard Charge - \$65.00	12/19/2016
Towing - Impounds	Non-Crime Resident - \$15.00	12/19/2016
	Non Crime Non-Resident - \$20.00	12/19/2016
	Crime - Resident - \$40.00	12/19/2016
	Crime - Non-Resident - \$45.00	12/19/2016

Tree Permit	No Charge unless matter referred to Arborist; if referred, must	
Vacation Permits	\$5/day (14 consecutive days maximum) McKeel Parking Lot	
Video Games	\$100 - 1st Machine;	
	2nd & 3rd Machine \$50 (3 Maximum)	
	Renewal: \$50 - 1st Machine;	
	2nd & 3rd Machine \$25/machine (3 Maximum)	
Water - Final Meter Read	\$25	
Water Main Tapping Fees	3/4" - \$350	
	1" - \$400	
	Inspection Fee \$75 per tap if Village does not perform tap	
Water Rates	RESIDENTIAL: Within Village \$71.59 per 1,000 cubic feet	10/1/2016
	Senior Citizens within Village - \$53.39 per 1,000 cubic feet	10/1/2016
	Outside Village Resident: \$107.39 per 1,000 cubic feet	10/1/2016
	Inside Village Commercial	
	\$73.63 per 1,000 cubic feet for first 2,000 cubic feet	10/1/2016
	\$88.37 per 1,000 cubic feet for next 5,000 cubic feet	"
	\$106.04 per 1,000 cubic feet for next 5,000 cubic feet	"
	\$127.25 per 1,000 cubic feet thereafter	"
	Outside Village Non-Residential	
	\$110.45 per 1,000 cubic feet for first 2,000 cubic feet	10/1/2016
	\$132.54 per 1,000 cubic feet for next 5,000 cubic feet	"
	\$159.05 per 1,000 cubic feet for next 5,000 cubic feet	"
	\$190.85 per 1,000 cubic feet thereafter	
Water Curb Stop Turn-on/Turn-off	\$25	
Sewer Fee	Sewer Fee: \$1.50 per 1,000 cubic feet of water consumed	5/2/2011
Zoning Board of Appeals	\$200 for residential (1 and 2 family)	
	\$750 for commercial	
	\$75 for renewal	
Zoning Code	Zoning Code=\$35 (includes map); map only=\$5	

Master Fee Schedule Update Schedule:

Entire Fee Schedule Amended on April 6, 2009

Amendment: May 4, 2009

Amendment: May 18, 2009

Amendment: June 20, 2011

Amendment: July 1, 2011

Amendment: July 18, 2011

Amendment: January 1, 2012

Amendment: May 19, 2014

Amendment: July 14, 2014

Amendment: April 6, 2015

Amendment: April 29, 2015

Amendment: November 2, 2009
Amendment: December 7, 2009
Amendment: July 2010 (Water Rates only)
Amendment: August 16, 2010
Amendment: September 21, 2010
Amendment: December 21, 2010
Amendment: May 2, 2011
Amendment: May 16, 2011

Amendment: May 7, 2012
Amendment: September 4, 2012
Amendment: September 17, 2012
Amendment: October 15, 2012
Amendment: January 7, 2013
Amendment: July 1, 2013 (Water rates)
Amendment: October 21, 2013
Amendment: December 16, 2013

Amendment: July 1, 2015
Amendment: Dec. 21, 2015
Amendment: Feb. 1, 2016
Amendment: Oct. 1, 2016
Amendment: Dec. 19, 2016
Amendment: Jan. 17, 2017
Amendment: Apr. 3, 2017