

**VILLAGE OF TARRYTOWN
BOARD OF TRUSTEES
WORK SESSION 6:15 P.M.
WEDNESDAY, DECEMBER 12, 2018
Tarrytown Village Hall
One Depot Plaza, Tarrytown, New York**

Presentation – Green Spot – Electric Charging Stations

Executive Session

Discussion of Appointments to Boards and Committees

Board of Trustees Concerns

Open Session

1. Library Agreement with Tarrytown and Sleepy Hollow
2. ARB Code Amendments
3. CDBG Project 1540WC- PF201-15 – Performance Public Hearing 1/7/19
4. Evaluation of Traffic Mitigation Concepts

Executive Session

- A. Winter Intern for Building Department



Frequently Asked Questions For
Municipalities
2018

greenspot
Smart Mobility

General	2
What is Greenspot?	2
What Do You Need From Us?	2
What is the Minimum Amount of Locations Needed to Start?	2
How is Parking for Electric Vehicles Enforced?	2
Is There Any Community Outreach Done by Greenspot?	3
Why Should We Give You Parking Spots? We Already Have Parking Issues.	3
EV Charging Stations	3
What Type of Stations Are Installed?	3
What Does it Cost the City?	4
How Many Spots Per Location Are There?	4
What is the Contract Duration?	4
Who Installs the Charging Stations?	4
How Much Power Does Greenspot Need?	4
Who Operates the Charging Station Once Installation is Completed?	4
Shared Mobility	5
What is Car sharing?	5
What Shared Mobility Options Can Our Municipality Receive?	5
How Much Does it Cost the End User?	5
Who Pays For Insurance, Electricity?	5

General

What is Greenspot?

Greenspot is a smart mobility company. Greenspot implements curbside electric vehicle charging stations and electric vehicle car share programs in municipalities and private developments at no cost to the site hosts.

Greenspot's goal is to take ordinary parking spots and to make them "smart" and functional for decades to come. Once Greenspot receives rights to a parking spot it goes through the process of developing infrastructure and subsequently installing EV charging stations. By doing so Greenspot transforms the spot into a "smart" spot that can accommodate and charge electric vehicles, and enable electric vehicle car sharing.

What Do You Need From Us?

Greenspot funds the entire project with zero taxpayer dollars spent! However, Greenspot needs publicly accessible curbside parking spots for the program. We ask for the municipality to maintain safe and hazard free locations, and enforce the towing of non-electric vehicles in electric vehicle parking spots.

What is the Minimum Amount of Locations Needed to Start?

Greenspot's strategy is to target locations where there is potential for relatively high vehicle utilization. We typically begin with a pilot phase, working in tandem with both our feasibility index and with the municipality to select the optimal locations. Greenspot takes a phased approach in order to ensure our program is optimally suited and custom tailored for each municipality. The phased approach allows for expansion based on program success, and modifications to be made based on data gathered from previous phases.

How is Parking for Electric Vehicles Enforced?

Parking for EVs is generally enforced by signage and pavement markings. In addition, we ask the municipality to enforce the ticketing and towing of violators, which are non-electric vehicles in electric vehicle parking spots, as well as electric vehicles that are not plugged in.

Is There Any Community Outreach Done by Greenspot?

Greenspot prepares the community and municipality, including residents, potential users of the shared mobility program and current EV owners who may use the public charging stations, as well as business owners potentially affected by the program, with necessary training and education about the project and its accompanying benefits. Greenspot will instruct the general public to ensure that vehicles and charging equipment are installed, maintained, and operated in a safe and proper manner. Community outreach is an important component of the Greenspot program and we do not limit ourselves as to the number of educational events we sponsor.

Why Should We Give You Parking Spots? We Already Have Parking Issues.

Greenspot is driven by the mission to create new and efficient transportation options for municipalities and their residents. By building curbside electric vehicle infrastructure, we are facilitating electric vehicle adoption and offering a viable alternative to car ownership. Our comprehensive mobility solutions reduce the number of cars on the road, decreasing congestion and cutting our collective carbon footprint.

By joining the Greenspot movement, residents of your municipality will lower their dependence on personally owned cars, and in turn, you will no longer have any parking issues!

EV Charging Stations

What Type of Stations Are Installed?

Greenspot installs Level 2, DC fast chargers and inductive charging, incorporating state-of-the-art technologies at its locations. Greenspot's infrastructure is strategically developed to adapt to new technologies and trends and sets a long-term foundation for decades to come. As energy efficiency and storage norms are changing, Greenspot strives to ensure it finds the most sustainable and affordable solutions for your city.

What Does it Cost the City?

Greenspot funds the entire process, including site feasibility, station procurement, installation and management of the operation, which includes facilitation of the shared mobility model. Greenspot's revenue comes from renting out the spots to electric shared mobility operators. "Smart" spots have advertising capabilities and are therefore also revenue-generating platforms.

Greenspot leverages federal and state level grants to offset the initial cost of installation, and enable the company to create projects with a larger scope and scale.

How Many Spots Per Location Are There?

Greenspot typically installs stations for 4-8 spots per location. Based on its research, Greenspot has developed an 80/20 model, where 80% of spots are dedicated to car sharing and 20% are dedicated to private EV owners.

What is the Contract Duration?

Greenspot requests that contracts last for a minimum of 15 years in order to make the initial investment worthwhile for both the company and the municipality.

Who Installs the Charging Stations?

Greenspot coordinates with trained local labor to install the EVSE. This creates jobs for the community. Installation costs are borne by Greenspot.

How Much Power Does Greenspot Need?

Greenspot works together with the municipality and the local utility to ensure sufficient power is available in the designated location. Greenspot installs the necessary infrastructure to run the electrical conduit from the power source to the chargers. We comply with national electric code regulations when installing our electric vehicle supply equipment.

Who Operates the Charging Station Once Installation is Completed?

After the installation of the charging stations has been completed, Greenspot takes full responsibility for the management, upkeep, and day to day operations of the charging stations. This includes maintenance of the hardware and software of the

EVSE, as well as troubleshooting and communication with the charging station manufacturer.

Shared Mobility

What is Car sharing?

Car sharing is a division of car rental where vehicles can be rented out by the hour or by the minute. Additionally, car sharing vehicles can be rented out 24/7, at a moment's notice. The car sharing service is accessible by downloading the car share operator's app and entering your information. Once you are approved, you can rent a vehicle for your specified duration.

Car share is an ideal method for those without cars in urban centers to quickly access an alternative form of transportation for a variety of uses.

What Shared Mobility Options Can Our Municipality Receive?

Municipalities can offset their fleet costs as well as achieve sustainability goals by utilizing EV car share. This enables the municipality to downsize their fleet and save taxpayer money. Residents of the municipality receive the shared mobility not only in the form of EV car share, but also in the form of micro-transit, first and last mile solutions, as well as EV vanpool solutions.

How Much Does it Cost the End User?

Users of the car share program can expect to pay between \$10-\$15 /hour for the service. Fuel (in this case - electricity), insurance, and maintenance are all included in the rental.

Who Pays For Insurance, Electricity?

Greenspot submeters the stations, and we pay for the cost of electricity. Insurance on the electric vehicles is included as a part of the program offered by the EV car share operator. There is zero current cost, and zero future cost, to the municipality as long as the charging stations remain a part of the Greenspot network.

Powering Cars for A Sustainable Tomorrow

What Does Greenspot Do?

Greenspot is committed to revolutionizing modern mobility by:

1. Facilitating electric vehicle (EV) adoption
2. Offering a viable alternative to individual car ownership

Current Deployment

With its global presence, Greenspot has pioneered the sustainable mobility space since its inception. Greenspot's team brings together serial entrepreneurs and industry experts with decades of experience in the transportation, shared mobility, technology and real estate sectors.

Greenspot has begun deploying charging stations and smart mobility solutions in:

New Jersey: Jersey City, Secaucus, Asbury Park, Woodbridge

New York: Mamaroneck

Massachusetts: Newton

Israel: Tel Aviv, Haifa

Greenspot was founded in 2014 to ameliorate growing transportation inefficiencies and to address environmental threats plaguing municipalities. Greenspot's sustainable mobility solution focuses on the triple bottom line: people, profit, planet.

Greenspot promises a comprehensive solution which can fundamentally change our mobility and transportation habits, making them more efficient and less harmful for the environment. Greenspot does this all with \$0 Taxpayer Dollars Spent.

How Does it Work?

Greenspot, together with the municipality, identifies conveniently located and accessible locations to install its EV charging station network. By marrying its EV charging station network with shared mobility, Greenspot doesn't just promote EV adoption, it also helps reduce the amount of cars per household by at least one.

What is the Profit Share Model?

Greenspot covers the entire cost of its projects. Once Greenspot has recovered the initial capital expenditure from purchasing and installing the EV charging stations and has achieved positive operating cash flow, Greenspot enters into a profit sharing model with the municipality. The municipality receives 10% of profits from the program. Greenspot estimates annual net revenue per spot for a municipality to range between \$500-\$5000.

Key Features

- Greenspot provides a turnkey solution for electric vehicle charging stations and EV shared mobility
- Greenspot works with the municipality to meet and exceed sustainable goals

Program Results

- Equitable transportation options for all community members
- Offering a sustainable alternative to car ownership
- Reducing the amount of vehicles per household by one
- Decreases carbon emissions caused by the transportation sector
- Lowers reliance on fossil-fuels



To find out more about Greenspot and the benefits of having a smart mobility program deployed throughout your municipality, contact us today.

Solutions

Shared Vehicles:

While an average car is utilized only 5% of the day, Greenspot aims for its shared vehicles to generate 50-60% utilization per day. Greenspot achieves this by adding custom-tailored layers of shared mobility to its locations, such as first/last mile solutions, vanpool, micro-transit, and more. Thus, your municipality's overall air quality will improve from lower CO₂ emissions caused by fewer cars on the street.

Municipal Fleet:

For the municipality, Greenspot can provide electric shared vehicles on-demand to be used by municipal employees in lieu of existing municipal vehicles. This enables the municipality to own less cars, thus eliminating the cost of vehicles, insurance, maintenance, and gas. You only pay for the time you actually use the vehicles, a more efficient manner of operating a municipal fleet.

EV Infrastructure:

Greenspot's fully integrated mobility solution creates a comprehensive network of charging stations and shared vehicles. The program is implemented throughout the municipality in locations with high utilization potential. Greenspot installs both Level 2 and DC Fast Chargers depending on the scope of the project. Greenspot also future proofs its locations so that it is always one step ahead of technological advancements.

Economic Development:

Greenspot's program encourages current residents and the general public to take advantage of Greenspot's sustainable transportation amenity. With easy access to shared electric vehicles, the municipality will attract new residents and visitors with disposable income, in turn supporting local businesses, schools and community groups.

Emissions Distance	Gasoline Only (381 gm of CO ₂ Per Mile)	Battery Electric (116 gm of CO ₂ Per Mile)	Savings per vehicle	20 Vehicle fleet
4000 Miles Per Year	1.524MT	0.464MT	1.06MT	21.2MT
8000 MPY	3.048MT	1.288MT	1.76MT	35.2MT
12000 MPY	4.572MT	1.392MT	3.18MT	63.6MT

Data Presented by the Union of Concerned Scientists

<http://fortune.com/2016/03/13/cars-parked-95-percent-of-time/>

1

LIBRARY AGREEMENT BETWEEN
THE VILLAGE OF TARRYTOWN AND THE VILLAGE OF SLEEPY HOLLOW

AGREEMENT made this 25th day of March 2014 by and between the VILLAGE OF TARRYTOWN, a Municipal Corporation of the State of New York, and the VILLAGE OF SLEEPY HOLLOW, a Municipal Corporation of the State of New York.

WITNESSETH:

WHEREAS, the Village of Tarrytown is the owner of the free public library located in the Village of Tarrytown, known as the Warner Library ("Library");

WHEREAS, by continuing agreements between the two Villages above named, arrangements were made for the use of the Library by residents of the Village of Sleepy Hollow, and appointment of representatives of the Village of Sleepy Hollow to the Board of Trustees of the Library, in consideration of the payment by the Village of Sleepy Hollow of a portion of the total Library budget;

WHEREAS, the Village of Sleepy Hollow wishes to continue to assure to its residents the use, services, and privileges of the Library;

NOW, THEREFORE, the parties hereto agree as follows:

1. During the term of this agreement, the Village of Tarrytown ("Tarrytown") agrees to afford to all residents of the Village of Sleepy Hollow ("Sleepy Hollow") the same use, services, and privileges of the Library as are afforded to residents of Tarrytown.
2. In consideration thereof, and subject to the limitations and requirements set forth below, Sleepy Hollow agrees to pay to Tarrytown during the term of this agreement Sleepy Hollow's share of all costs and expenses of operating, maintaining, and repairing the land, building, and facilities of the Library (hereinafter "Costs of the Library"), excluding any expansion of, or addition to, the Library buildings or grounds. Any expansion of or addition to the Library buildings or grounds beyond minor alterations necessary for ongoing maintenance, shall be the subject of a separate agreement.
3. The amount to be paid by each Village for the operation of the Library is as follows:

<u>Fiscal Year</u>	<u>Sleepy Hollow Share</u>	<u>Tarrytown Share</u>
2014/2015	46.68%	53.32%
2015/2016	46.68%	53.32%
2016/2017	46.68%	53.32%
2017/2018	46.68%	53.32%
2018/2019	46.68%	53.32%

4. For each fiscal year (June 1 – May 31), Sleepy Hollow shall pay to Tarrytown Sleepy Hollow's share of the costs of the Library for that year in twelve equal installments. Each such payment shall be made no later than the first day of the month.

5. Not later than January 30 of each year, Tarrytown and Sleepy Hollow shall simultaneously be provided with a copy of the proposed Library budget for the following fiscal year (June 1 – May 31).

6. There shall be created a Warner Library Budget Board (WLBB), which shall be comprised of three members of the Board of Trustees from Tarrytown and three members of the Board of Trustees from Sleepy Hollow. The WLBB shall meet with the representatives from the Warner Library (Board of Directors and/or library staff) to review and approve a budget for the Warner Library, which budget shall be included in the Village of Tarrytown budget for the upcoming fiscal year. There shall be at least one meeting between the WLBB and the budget representatives from the Warner Library. Each member of the WLBB shall have one vote when approving the budget for the Warner Library. The vote of the WLBB shall be final in the case of the library budget and in no case shall either Village provide additional funds for the operation of the library beyond that which is approved by the WLBB. Should the vote on the budget end in a tie, then the budget to be included in the Village of Tarrytown budget for the upcoming fiscal year shall be the budget approved in the current fiscal year, increased as follows:

- For the full-time staff – the percentage salary increase included in the CSEA agreement for that fiscal year. Should there be no successor agreement, then the increase for full-time staff shall be the tax levy cap percentage established by the New York State Comptroller's Office for the Village of Tarrytown or the Village of Sleepy Hollow, whichever is lower, for the fiscal year for which the library budget is being developed.
- For all other budget lines – the tax levy cap percentage established by the New York State Comptroller's Office for the Village of Tarrytown or the Village of Sleepy Hollow, whichever is lower, for the fiscal year for which the library budget is being developed.

7. If, through any Act of God, emergency, or unforeseen event beyond the control of the Library Trustees, a deficit is incurred in the costs of operating the Library, the Village of Sleepy Hollow shall have the right of prior approval to pay its pro rata share of such deficit, as specified in Paragraph 3 above for the fiscal year in which such Act of God, emergency, or unforeseen event occurs.

8. The parties to this agreement further agree that it is their mutual responsibility to their respective constituents to minimize any such deficits. Therefore, it is mutually agreed by and between the parties that Tarrytown and Sleepy Hollow shall simultaneously be provided with the monthly financial reports of the Library. Within thirty (30) days after receipt of any such report in which, as a result of any such Act of God, emergency, or unforeseen event, a deficit is projected, the parties hereto are

authorized to invoke such extraordinary measures as will be necessary to provide for the balanced financial operation of the Library.

9. The Village of Sleepy Hollow shall have the right to review and audit the books of the Warner Library. Any cost associated with such a review and audit shall be the responsibility of the Village of Sleepy Hollow. The Village of Sleepy Hollow shall provide to the Village of Tarrytown all copies of reports and/or work papers developed as part of the review and audit of the books of the Warner Library.

10. The Village Administrator for the Village of Tarrytown shall provide the Village Administrator for the Village of Sleepy Hollow a copy of the demands submitted by the C.S.E.A., which is the union that represents the full-time non-management employees. The Village Administrator for Sleepy Hollow shall provide, in writing, within one (1) week of receipt of the demands, recommendations concerning the demands that impact upon costs incurred by the Warner Library.

11. At all times during the term of this agreement, three of the members of the Board of Trustees of the Library shall be selected by the Board of Trustees of Sleepy Hollow and four of the members of the Board of Trustees of the Library shall be selected by the Board of Trustees of Tarrytown. Each appointment to the Library Board of Trustees shall be for a term of five (5) years, in accordance with the provisions of the Education Law.

12. During the term of this agreement, the Board of Trustees of the Warner Library shall maintain on-going fundraising efforts. The funds generated from such efforts shall be used for the benefit of the patrons of the Warner Library, as determined by the Board of Trustees of the Warner Library.

13. Should a problem arise in which Sleepy Hollow and Tarrytown cannot reach a mutually satisfactory resolution in regards to the provisions of this agreement or the renewal of this agreement, third party arbitration will be exercised through the American Arbitration Association. The costs for such Arbitration will be a split 50/50 between Sleepy Hollow and Tarrytown.

14. One year prior to the expiration of this agreement, representatives for each Village shall convene for the purpose of establishing the terms and conditions for renewal of the Agreement. Should agreement be reached on a renewal Agreement, it will be subject to authorization from both Village Boards.

15. The term of this agreement shall be from June 1, 2014 and shall remain in effect up to and including May 31, 2019.

Signature page on page 4.

VILLAGE OF TARRYTOWN

BY:


Drew Fixell, Mayor

VILLAGE OF SLEEPY HOLLOW

BY:


Kenneth Wray, Mayor

LOCAL LAW ____ - 2018

A local law to amend Chapter 9 of the Code of the Village of Tarrytown entitled Architectural Review Board to amend the review of certain building permit applications by the Architectural Review Board

Section 1. Be it enacted by the **Board of Trustees** of the **Village of Tarrytown** as follows (Language in **Bold and Underlined** to be added, language in ~~**Strikethrough and bold and underlined**~~ to be deleted):

Section 2. Chapter 9, Section 4. (A) "Referral of applicants for building permits" shall be amended read as follows:

Except where an application for a certificate of appropriateness must be submitted to the Architectural Review Board pursuant to the Landmark and Historic District Act (Chapter 191, Historic Districts and Landmarks), every application for a building permit ~~shall be referred by the Building Inspector to the Architectural Review Board, provided that:~~

- ~~(1) There will be construction, reconstruction or alteration of any building or structure that affects the exterior appearance of the building or other structure and is visible from any public street;~~
- ~~(2) The proposed plans include construction, reconstruction or alteration of any deck or uncovered porch that affects the exterior appearance of the building or other structure, is visible from any public street and exceeds 25 square feet, including steps;~~
- ~~(3) The proposed plans include construction, reconstruction or alteration of existing/new windows or security grills that affect the exterior appearance of the building or other structure and are visible from any public street; or~~
- ~~(4) The proposed plans include construction, reconstruction or alteration of any fence or wall exceeding three feet in height or 20 feet in length that is visible from any public street.~~ **involving any of the following shall be referred by the Building Inspector to the Architectural Review Board:**

ARB review is required for applications requiring Planning Board approval, including:

- 1. Construction of a new building**
- 2. Additions that increase the existing building footprint by 25% or more;**
- 3. Fences that are in the front yard or front-yard set back**

4. Standalone walls
5. Applications for signage or awnings;
6. Applications for a property within the Restricted Retail RR Zone or commercial properties outside the RR Zone involving:

(a) Construction, reconstruction or alteration of any building or structure that affects the **portion of the** exterior appearance of the building or other structure that is visible from any public street, except applications involving only fences, retaining walls, steps, and /or sidewalks;

(b) Construction, reconstruction or alteration of any deck or uncovered porch that affects the exterior appearance of the building or other structure, is visible from any public street and exceeds 25 square feet (such size calculation shall include any steps); or

7. (c) Construction, reconstruction or alteration of existing/new windows or security grills that affect the exterior appearance of the building or other structure and are visible from any public street.

4. B. **Exceptions – applications that are excepted from ARB review include**

1. **additions that increase the existing building footprint by less than 25%**
2. **fences that are only in the rear yard or side yard set back**
3. **retaining walls**
4. **steps, and/or sidewalks**

Section C: Supersession of other laws.

All laws, ordinances, rules and regulations of the Village are modified and superseded by this article with respect to their application to parking and enforcement.

Section D: Severability

If the provisions of any article, section, subsection, paragraph, subdivision or clause of this local law shall be judged invalid by a court of competent jurisdiction, such order of judgment shall not affect or invalidate the remainder of any article, section, subsection, paragraph, subdivision or clause of this local law.

Section E: Effective Date

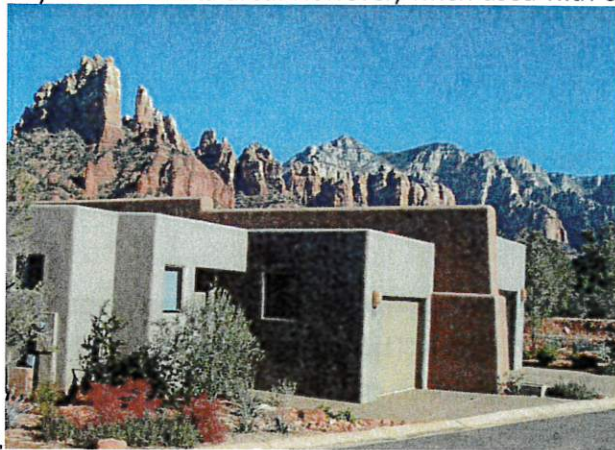
This local law shall take effect immediately upon filing in the office of the New York State Secretary of State in accordance with Section 27 of the Municipal Home Rule Law.



Color should be used to blend the proposed new development with its surrounding natural environment without calling undue attention to the development

Importance of color

Color is the most important and effective way of minimizing the visual impact of the built environment on the natural environment. If buildings and structures are painted with colors that compliment the natural green, taupe or rust colors of the natural vegetation and dark red or red-brown colors of the soils their visual impact will be significantly reduced and the community goal of minimizing the impact of the built environment on the natural environment will be achieved. Therefore, the primary color of buildings should not be painted with dark blue, gray-blue or purple hues, as these colors do not occur naturally in the Sedona area. However, when used with care,



these hues can be appropriately utilized as trim colors.

Color coordination

Color selection should show evidence of coordination with the predominant use of color on the site, street and context area of the new project where appropriate.

The use of varying color can also be used to articulate and reduce the apparent scale of building masses. For example, large multi-family housing developments when painted the same color can have negative visual impacts.

The developers of larger projects should be encouraged to develop a palette of compatible hues that would work to reduce its visual impacts. As a general rule of thumb, experience has shown that in larger buildings or building complexes, exterior wall and roof colors should be selected from a multiple related palette that is darker and more neutral than otherwise applicable Land Development Code standards. This is referred to as "reduced chroma".

See the "Munsell Book of Color" referenced below.

A good example of a project where reduced chroma has been achieved is the Fairfield Sedona development in West Sedona.

References

2

The Department of Community Development maintains a copy of the "Munsell Book of Color" which is used to compare, evaluate and classify all paint and other building materials. The Munsell Book of Color is a system that describes color in terms of three standardized attributes. They are hue (its basic color), value (lightness/darkness) and chroma (intensity).

See Section 3.5.1 below, "General Properties of Color as Used in this Manual".

Section 904 of the City of Sedona Land Development Code establishes the basic standards for colors used on commercial and residential buildings within the City.

3.5.1 General Properties of Color as Used in This Manual

SHARE



The "Munsell Book of Color" describes a system of classification of all colors in terms of three standardized attributes: hue (basic color), value (lightness/darkness) and chroma (intensity). Numerical values define each attribute and the colors are arranged in the book in visual steps for each attribute.

Hue

This is the basic "name" or family of the color: red, orange, yellow, green, blue, purple, etc.

Value

This is an expression of lightness or darkness, and is equivalent to a varying scale of grays, sometimes referred to by paint manufacturers as "Light Reflectance Value" (LRV). On this scale 100% LRV is equivalent to pure white (Munsell 10) and 0% LRV is equivalent to pure black (Munsell 0).

Chroma

This refers to the strength, intensity, or brightness of a color. Strong chroma red is like the red in the United States flag, while a weak chroma red is like the darkest of the red rocks in Sedona. Weak chroma of any color is "grayish" or neutral, sometimes referred to as "earth tones." The following degrees of strength apply: very strong (Munsell 12), strong (Munsell 10), medium strong (Munsell 8), medium (Munsell 6), medium weak (Munsell 4), weak (Munsell 2), very weak (Munsell 1).

3.5.2 Specific Requirements

SHARE



Hue

Attempting to match stucco and other paint color to the "red rocks" color must be considered very carefully. The rocks are many-shaded and of varying textures. Therefore, light and shadow patterns are created that are difficult to capture with a single color selection. Colors that respect and enhance the natural tones of the red rocks, rather than match them, may blend more successfully.

The use of colors compatible with the background color of existing or surrounding vegetation, and using for example the natural colors of onsite tree bark, is encouraged.

2

Value

The value (LRV) of colors and materials used on major wall and roof areas is required to be within the range of 7% (equivalent to Munsell 2.5 which is also the darkest value of shaded vegetation) and 38% (equivalent to Munsell 7 which is also the approximate value of the red rock sandstone and soil in Sedona).

In general, the more visible and/or massive the building or structure, its LRV should be lower. An LRV of 20% or less usually achieves the desired effect. However, while the selection of darker colors is generally important to minimize a building's impact within Sedona's natural environment, great care also must be taken in the selection of an appropriate hue.

Chroma

The use of very weak (Munsell 1) to medium weak (Munsell 4) chroma (i.e. neutral colors and earth tones) is strongly recommended.

3.5.3 Other Conditions

SHARE



Stains and flat paints

Stains and flat paints are desirable and encouraged.

Gloss paints and finishes

High gloss paints and factory finished metal products, as well as other products that increase visual impacts, and aluminum, white, or reflective roofs are not acceptable. Matte finishes are strongly encouraged.

Trim and details

Light reflectance value (LRV) over 38 percent and stronger chroma may be allowed for small accents and trim, i.e., around windows or doors, except that unpainted shiny metallic surfaces are not acceptable.

Chimneys, flues, vents, gutters, downspouts, mechanical and electrical equipment, railings, window shading devices (both interior and exterior) etc. should be similar in chroma and value to the surface they adjoin, unless they are featured in the design. In such cases, a subdued accent color may be acceptable.

Discouraged colors

Bright and glossy or fluorescent colors are strongly discouraged.

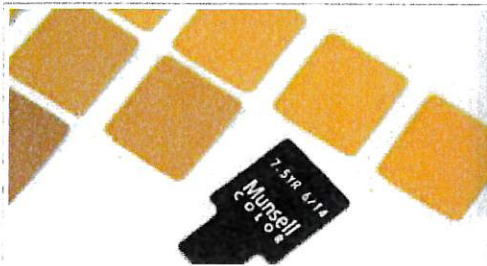
Corporate signature color schemes

As noted elsewhere in this manual, the use of corporate signature color schemes on buildings or structures is strongly discouraged, if they are not compatible with the foregoing standards.



[Munsell Color System: Color Matching from Munsell Color Company \(http://www.munsell.com/color-blog/\)](http://www.munsell.com/color-blog/) >
 [About Munsell Color \(https://munsell.com/about-munsell-color/\)](https://munsell.com/about-munsell-color/) >
 [How Color Notation Works \(https://munsell.com/about-munsell-color/how-color-notation-works/\)](https://munsell.com/about-munsell-color/how-color-notation-works/) >
 How to Read a Munsell Color Chart

How to Read a Munsell Color Chart



[\(https://munsell.com/about-munsell-color/how-color-notation-works/how-to-read-color-chart/\)](https://munsell.com/about-munsell-color/how-color-notation-works/how-to-read-color-chart/)

The Munsell color system is a means to visually identify and match color using a scientific approach. Albert Munsell was both a [scientific thinker and an artist \(https://munsell.com/color-blog/color-systems-art-and-science/\)](https://munsell.com/color-blog/color-systems-art-and-science/) who wanted artists and scientists to have a system that made it easy to express colors in a concrete way. The result was a system that could be used across many disciplines. Here are a few examples of practitioners using Munsell color charts in their workflow...

- A [soil scientist \(https://munsell.com/color-blog/agriculture-studies-soil-color/\)](https://munsell.com/color-blog/agriculture-studies-soil-color/) accurately assessing the makeup of the soil in the field.
- An [artist \(https://munsell.com/color-blog/modern-traditional-color-theory-part-1/\)](https://munsell.com/color-blog/modern-traditional-color-theory-part-1/) in the studio replicating colors when mixing paints or materials.
- [Quality control \(https://munsell.com/color-blog/color-management-process-xbox/\)](https://munsell.com/color-blog/color-management-process-xbox/) experts making sure final product colors match the set standard.
- Electricians staying safe using standard [color codes \(https://munsell.com/color-blog/wire-color-codes/\)](https://munsell.com/color-blog/wire-color-codes/).
- A [food scientist \(https://munsell.com/color-blog/from-palettes-to-palates-giving-thanks-for-the-food-and-its-color/\)](https://munsell.com/color-blog/from-palettes-to-palates-giving-thanks-for-the-food-and-its-color/) using custom colors to bring consistent and reliable results.
- And many more...

Since color is applicable across so many areas of studies, learning how to read these charts and numbers can be very helpful.

In addition to color charts, Munsell also has color books, which are designed for use in specific industries, based on colors unique to the discipline. For example, the [Soil Book of Color \(https://munsell.com/color-products/color-communications-products/environmental-color-communication/munsell-soil-color-charts/\)](https://munsell.com/color-products/color-communications-products/environmental-color-communication/munsell-soil-color-charts/) contains colors you would find in the field, while the [Book of Color \(https://munsell.com/color-products/color-communications-products/munsell-books-and-sheets/\)](https://munsell.com/color-products/color-communications-products/munsell-books-and-sheets/) contains a standard set of colors that can be used across many industries such as art and design. The steps for reading a chart outlined below can be applied to any of the Munsell color charts or books.

Step 1: Understanding Color Attributes

The first step is to understand the three attributes of color... [hue \(https://munsell.com/about-munsell-color/how-color-notation-works/munsell-hue/\)](https://munsell.com/about-munsell-color/how-color-notation-works/munsell-hue/), [value \(https://munsell.com/about-munsell-color/how-color-notation-works/munsell-value/\)](https://munsell.com/about-munsell-color/how-color-notation-works/munsell-value/) and [chroma \(https://munsell.com/about-munsell-color/how-color-notation-works/munsell-chroma/\)](https://munsell.com/about-munsell-color/how-color-notation-works/munsell-chroma/) (also referred to as HVC).

Hue is the color such as red, green, blue, etc. In the Munsell system these are given letter codes, i.e. Red (R), Yellow-Red (YR), Green (G), Green-Yellow (GY) and so on.

FIND PRODUCT

GO

SITE SEARCH

GO



ABOUT MUNSELL

[How Color Notation Works \(https://munsell.com/about-munsell-color/how-color-notation-works/\)](https://munsell.com/about-munsell-color/how-color-notation-works/)

[Why Munsell? \(https://munsell.com/about-munsell-color/why-munsell/\)](https://munsell.com/about-munsell-color/why-munsell/)

[Development of the Munsell Color Order System \(https://munsell.com/about-munsell-color/development-of-the-munsell-color-order-system/\)](https://munsell.com/about-munsell-color/development-of-the-munsell-color-order-system/)

[Munsell Color Company History \(https://munsell.com/about-munsell-color/munsell-color-company-history/\)](https://munsell.com/about-munsell-color/munsell-color-company-history/)

[Munsell Color Project Stories \(https://munsell.com/about-munsell-color/munsell-color-project-stories/\)](https://munsell.com/about-munsell-color/munsell-color-project-stories/)

[Published Work \(https://munsell.com/about-munsell-color/published-work/\)](https://munsell.com/about-munsell-color/published-work/)



MUNSELL PRODUCTS

[Color Communications \(https://munsell.com/color-products/color-communications-products/\)](https://munsell.com/color-products/color-communications-products/)

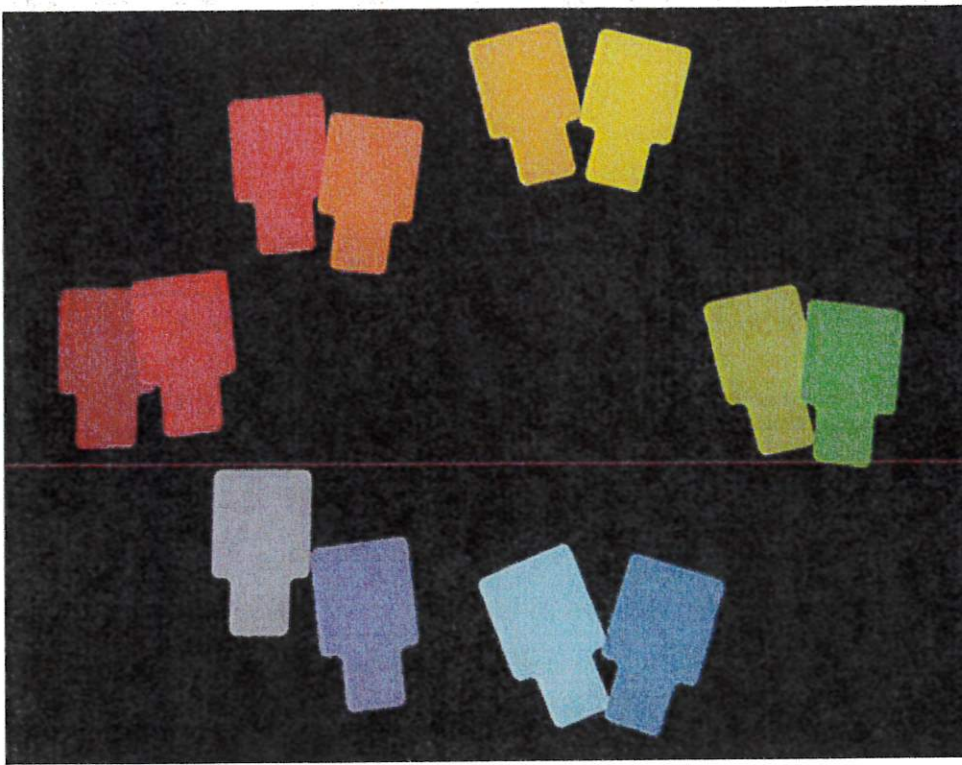
[Custom Color Services \(https://munsell.com/color-products/color-communications-products/\)](https://munsell.com/color-products/color-communications-products/)

[Color Vision Tests \(https://munsell.com/color-products/color-vision-tests/\)](https://munsell.com/color-products/color-vision-tests/)

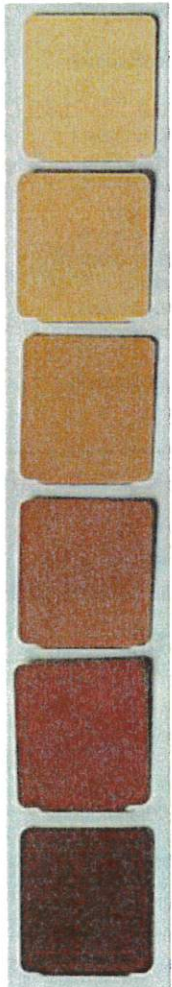
[Color Education \(https://munsell.com/color-products/color-education/\)](https://munsell.com/color-products/color-education/)

[Color Standards \(https://munsell.com/color-products/color-standards/\)](https://munsell.com/color-products/color-standards/)

2



Value is how light or dark a color is. In the Munsell system, value is indicated with a number, i.e. 2, 4, 6 and so on. The value scale runs vertically and moves from lightest (at the top) to darkest (at the bottom) in descending order, so a 2 is going to be darker than a 6.



Chroma is how weak or strong a color. In the Munsell system, chroma is indicated with a number, typically in the range of 2-14 (upwards of 30 for colors in the fluorescent family). The chroma scale runs horizontally and moves from weak (from the left) to strong (to the right), in ascending order, so a 2 is going to be weaker than a 6.



OTHER PRODUCTS

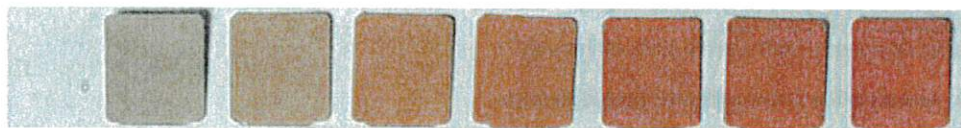
X-Rite ColorChecker Targets
<https://xritephoto.com/colorchecker-targets>



(/feed/)

SUBSCRIBE TO FEED

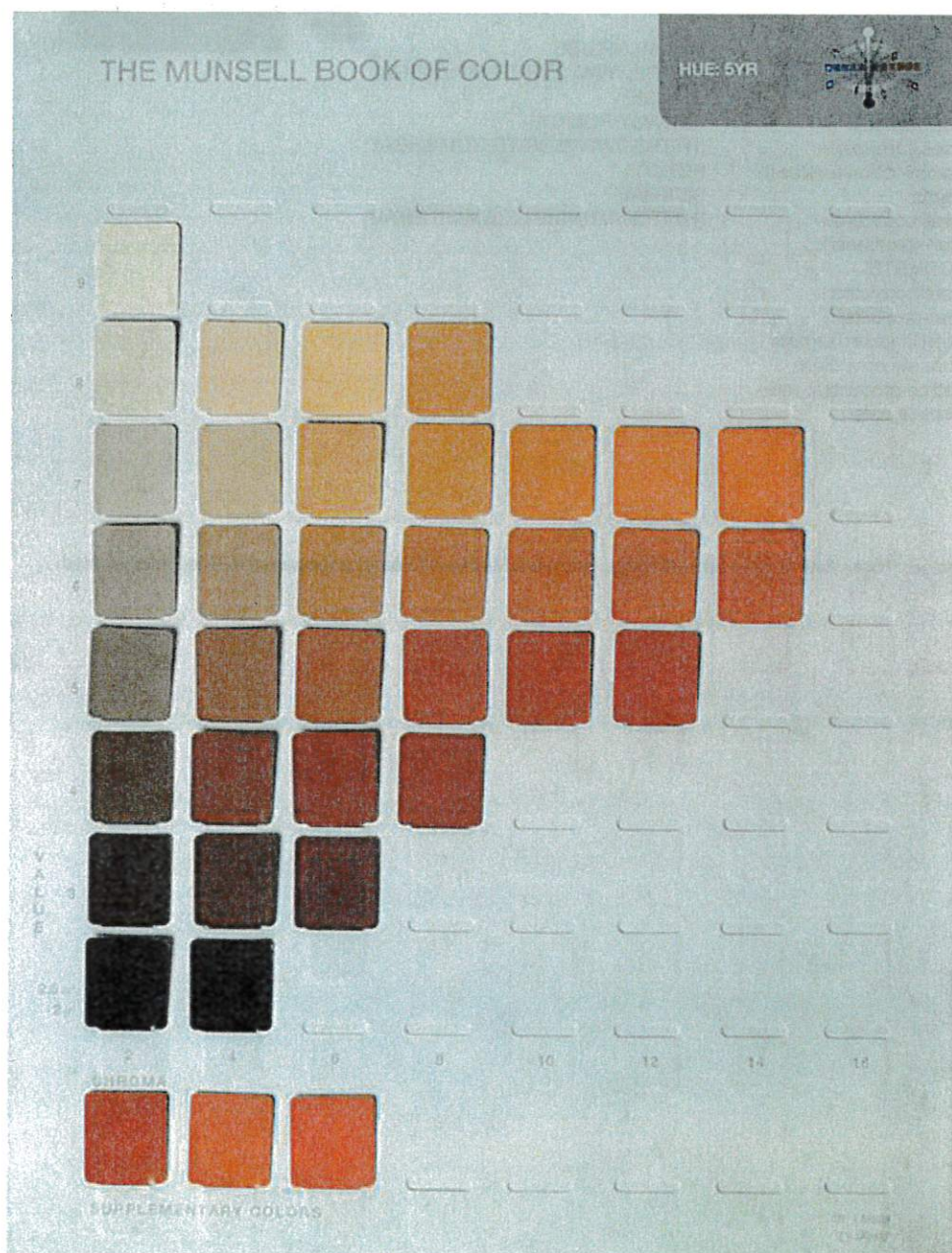
» (/feed/)



Step 2: Reading Color Notations

Once you know what the 3 dimensions of color are, you can understand how the munsell color system works (<https://munsell.com/about-munsell-color/how-color-notation-works/>). There is an abundance of colors in the world; the color order system allows us to accurately identify and understand the relationship of these colors. In addition, by viewing colors on the charts, we can see how colors related to one another visually.

Each color is designated with what is referred to as a color notation; for example, 5R 7/2. As explained above, each of these indicators refer to the 3 attributes of color. 5R is the Hue (or color), 7 is the Value (or lightness/darkness) and 2 is the Chroma (weak/strong). These colors can then be referenced on a Munsell color chart to see what the notation looks like.



Once you know the color notation, you know which color is being referenced. This is useful in many ways...

- A soil scientist indicating the colors of the soil layers from a core sample to determine the best uses for the land.
- An artist in the studio matching the blue sky they are painting.
- Quality control experts using a color sheet to make sure the red shoes are the right color that was specified to the manufacturer.
- An electrician knowing which wires are hot, neutral or grounded.
- A food scientist checking that the colors are not outside the normal range, no one wants to eat blue green beans.

- Finding evidence of human activity at an [archaeological site \(https://munsell.com/color-blog/brown-soil-color-chart-archaeology/\)](https://munsell.com/color-blog/brown-soil-color-chart-archaeology/) and being able to determine age.
- A homeowner making sure the couch they are buying doesn't clash with the paint on the wall.

The ways in which these color charts can be used are endless and we continually are discovering new uses (https://munsell.com/color-blog/).

Further Reading

You only need a basic understanding of color to be able to read a Munsell color chart, however, having an understanding of color will help in making better decisions when selecting colors. To start, we recommend learning more about the relationship of colors... check out the [Hue Circle \(https://munsell.com/color-blog/munsell-hue-circle-poster/\)](https://munsell.com/color-blog/munsell-hue-circle-poster/) and [Color Tree \(https://munsell.com/color-blog/color-tree/\)](https://munsell.com/color-blog/color-tree/).

ABOUT MUNSELL
([HTTPS://MUNSELL.COM/ABOUT-MUNSELL-COLOR/](https://munsell.com/about-munsell-color/))
COLOR BLOG
([HTTPS://MUNSELL.COM/COLOR-BLOG/](https://munsell.com/color-blog/))

MUNSELL COLOR PRODUCTS
(<https://munsell.com/color-products/>)
Color Communications
(<https://munsell.com/color-products/color-communications-products/>)
Custom Color Services
(<https://munsell.com/color-products/custom-color-services/>)
Color Standards
(<https://munsell.com/color-products/color-standards/>)
OTHER PRODUCTS
(<https://munsell.com/color-products/other-products/>)
X-Rite ColorChecker Targets
(<https://munsell.com/color-products/other-products/x-rite-colorchecker-targets/>)

CONTACT
([HTTPS://MUNSELL.COM/CONTACT-US/](https://munsell.com/contact-us/))
TERMS OF USE
([HTTPS://WWW.XRITE.COM/LEGAL-OF-USE](https://www.xrite.com/legal-of-use))
PRIVACY POLICY
([HTTPS://WWW.XRITE.COM/LEGAL-POLICY](https://www.xrite.com/legal-policy))
SITEMAP
([HTTPS://MUNSELL.COM/SITEMAP](https://munsell.com/sitemap))



Official Site of Munsell Color © 2018, X-Rite, Incorporated. (<https://www.xrite.com>) All rights reserved. Munsell Color is a division of X-Rite, Incorporated. (<https://www.xrite.com>)

3

Second Public Hearing Notice Template

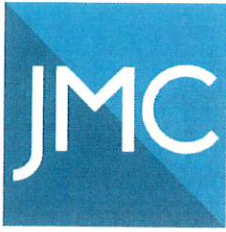
LEGAL NOTICE

Notice of Public Hearing

Name of Community

Name of Community will hold a public hearing on Date and Time of Public Hearing (Hearing should be held at a time accessible and convenient to residents) at Location of Hearing (Hearing should be held in a publically accessible location) for the purpose of hearing public comments on the Name of Community's current Community Development Block Grant (CDBG) project: Provide CDBG project number, name, and funding amount. The CDBG program is administered by the New York State Office of Community Renewal (OCR), and provides resources to eligible local governments for housing, economic development, public facilities, public infrastructure, and planning activities, with the principal purpose of benefitting low/moderate income persons. The hearing will provide further information about the progress of the ongoing CDBG project. Comments related to the effectiveness of administration of the CDBG project will also be received at this time. The hearing is being conducted pursuant to Section 570.486, Subpart I of the CFR and in compliance with the requirements of the Housing and Community Development Act of 1974, as amended.

The location of hearing is/is not accessible to persons with disabilities. If special accommodations are needed for persons with disabilities, those with hearing impairments, or those in need of translation from English, those individuals should contact list contact name at list contact information, at least one week in advance of the hearing date to allow for necessary arrangements. Written comments may also be submitted to list contact name and contact information until last date to receive comments.



Site Planning	Environmental Studies
Civil Engineering	Entitlements
Landscape Architecture	Construction Services
Land Surveying	3D Visualization
Transportation Engineering	Laser Scanning

December 3, 2018

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

Re: Proposal for Traffic Engineering Services
West Franklin Street & White Street
Village of Tarrytown, NY

Dear Mr. Slingerland:

We have prepared this Proposal in accordance with your request for the design of traffic calming measures within the Miller Park neighborhood as well as the on-street parking reconfiguration along the west side of Broadway between Hamilton Place and Main Street. We value our relationship with the Village and look forward to assisting the Village.

I. SCOPE OF SERVICES

We understand that the Village desires to implement some of the conceptual designs our office previously prepared for the Village to improve traffic flow and safety.

A. Utilities Map

We will prepare a Utilities Map at scale of one inch equals twenty feet (1"=20'). In preparing the map, we will locate visible features such as signs, buildings, paved areas, curbs, utility poles, and light poles. The map coverage area will be along Broadway between its intersections with Main Street and Hamilton Place to the curb line of the respective street.

Prior to commencing field survey, we request that the Village contact call before you dig to obtain a mark-out of the public right-of-way as indicated in the above map coverage area. We will perform field measurements to locate the mark out and visible surface structures such as storm drains, manholes, fuel fills, utility valves, meters, light poles and vents. We will indicate the probable location of

underground features as indicated by surface inspection and with available record plan information. Invert elevations, pipe sizes and types of materials will be shown where accessible. The location or completeness of underground information cannot be guaranteed. We will locate and map the utilities within the map coverage area described above.

We will determine and map the right of ways based upon available record information.

B. Bid Drawings

i. Miller Park Traffic Calming

We will develop drawings for bidding purposes to implement traffic calming measures within the Miller Park neighborhood of the Village. Based on your email, we will specify temporary speed humps along roadways within the Miller Park neighborhood previously analyzed by our office for the potential speed hump locations. The speed humps will not extend the full width of the roadway; however, a small gap between the existing curb and speed hump will be provided for drainage purposes. These drawings will be based on the GIS data. We will investigate the locations to determine their appropriateness. We will prepare a layout plan depicting the locations of the temporary speed humps along roadways as well as the associated striping and signage. We will also provide detail sheets for the applicable construction items.

ii. Broadway Parking Reconfiguration

We will develop drawings for bidding purposes to implement the removal of one on-street parking space as well as restriping of the parking spaces along the west side of Broadway between Main Street and Hamilton Place based on your email. These drawings will be based on the Utilities Map described above. The drawings will also include the relocation of the existing hydrant along the west side of Broadway. A Layout Plan and a Utility Plan will be developed. We will also provide detail sheets for the applicable construction items. We will incorporate NYSDOT Standard Details for traffic control schemes to be utilized for construction.

C. Specifications

We will coordinate with the Village to prepare specifications to accompany the Bid Drawings mentioned above. The Village will provide the information to be incorporated into the specifications.

D. NYSDOT Highway Work Permit

Since Broadway (US 9) is under the jurisdiction of the New York State Department of Transportation (NYSDOT), a Highway Work Permit will be required to perform the work along Broadway. We will prepare a submission to NYSDOT to request a Highway Work Permit for the work along Broadway (US 9). We will prepare the permit application and will provide the application to the Village to complete and sign. The Village will be required to provide necessary insurances and may be required to provide a bond and/or permit fee related to the work within the State's right-of-way. When our office receives the signed applications and the other necessary items from the Village, we will submit to NYSDOT the signed applications and necessary items provided by the Village along with copies of our drawings for work along Broadway to request the issuance of a Highway Work Permit. We will coordinate with NYSDOT during their review of the submission materials.

E. Meetings

We will attend necessary technical meetings with the Village and/or other reviewing agencies.

F. Reimbursables

All out of pocket expenses incurred in connection with this projected will be billed at cost plus 10%. Such expenses include travel reimbursement, subsistence, tolls, facsimile charges, reproductions, internet document hosting, messenger or delivery service charges, subconsultant charges, postage, fees charged by agencies, maps, plans, photographic materials, ordinances and other similar materials.

2. PROJECT SCHEDULE

We will initiate our work within one week of your authorization and the Utilities Map will be completed within four weeks. We will complete our bid drawings within two to three weeks after receiving the Utilities Map.

3. FEE

We propose to perform the services described above on a Not to Exceed basis in accordance with our attached Schedule of Fees and Charges, 1/18. Below is breakdown of our estimated fees for the work described above.

4

PHASE

NOT TO EXCEED FEE

A. Utilities Map	\$ 3,500.00
B. Bid Drawings	\$ 11,400.00
C. Specifications	\$ 3,600.00
D. NYSDOT Highway Work Permit	\$ 4,200.00
E. Meeting (Payroll Basis)	\$ 1,800.00 (budget fee)
F. Reimbursables	\$ 2,500.00 (budget fee)

In addition to the services described above, we are pleased to provide additional services as may be required by the Village or as may result from changes introduced by Village or the approval authorities during the course of our work, The additional services are not included in this proposal and will be provided on a payroll basis.

Your authorization for us to proceed simply requires the return of one copy of this proposal signed and dated. You will be billed monthly for the portions of our work completed during the prior month. Payment is due upon receipt of our billing invoice.

We thank you for the opportunity to submit this proposal.

Sincerely,

JMC Planning Engineering landscape Architecture & Land Surveying PLLC



Marc Petroro, PE, PTOE
Senior Project Manager



Kevin Masciovecchio, EIT
Senior Designer II

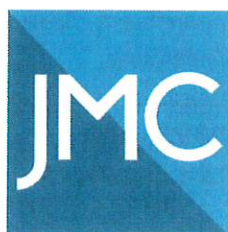
ACCEPTED: _____

BY: _____

DATE: _____

Encl.: Schedule of Fees and Charges, 1/18
Agreement for Professional Services

p:\2016\16177\admin\contract\prslingerland_2018-12-03.docx



Site Planning	Environmental Studies
Civil Engineering	Entitlements
Landscape Architecture	Construction Services
Land Surveying	3D Visualization
Transportation Engineering	Laser Scanning

SCHEDULE OF FEES AND CHARGES, 1/18

CATEGORY

HOURLY RATES

Principal	290.00
Associate	225.00
Surveyor	200.00
Senior Project Manager/Senior Engineer/Senior Landscape Architect	200.00
Project Manager/Engineer/Landscape Architect	185.00
Design Manager	170.00
Senior Designer 3	160.00
Senior Designer 2	155.00
Senior Designer	145.00
3D Model Designer	145.00
Senior Survey Technician	145.00
Construction Coordinator	135.00
Designer 3	130.00
Designer 2	120.00
Designer	105.00
Survey Technician	105.00
CAD Tech	95.00
Laser Scanner Equipment	50.00
Clerical	50.00

Hourly charges for court appearances to present expert testimony will be 1.5 times those stated above.

REIMBURSABLE EXPENSES

All out of pocket expenses incurred in connection with this project will be billed at cost plus 10%. Such expenses include travel reimbursement, subsistence, tolls, facsimile charges, reproductions, internet document hosting, messenger or delivery service charges, subconsultant charges, underground utility markout services charges, test pit excavation charges, postage, fees charged by agencies, maps, plans, photographic materials, ordinances and other similar materials.

METHOD OF PAYMENT

An Invoice will be submitted monthly during the period of this contract and/or on completion of services, covering the preceding month's work. Payment shall be due upon receipt of the Invoice. A charge of 1 1/2% per month will be due on all Invoices not paid within 30 days.

F:\Misc\SF\RI-18.docx



Site Planning	Environmental Studies
Civil Engineering	Entitlements
Landscape Architecture	Construction Services
Land Surveying	3D Visualization
Transportation Engineering	Laser Scanning

AGREEMENT FOR PROFESSIONAL SERVICES General Terms

1. It is agreed that this document combined with the client Proposal will serve as the Contract between the client and JMC Planning, Engineering, Landscape Architecture & Land Surveying, PLLC (JMC) for the proposed professional services to be provided by JMC.
2. The proposal is valid for a period of 60 days and the rate schedule is valid for 365 days from the date of the Proposal.
3. This Contract is not assignable by the client except with the prior written consent of JMC and no assignment shall relieve the undersigned of any obligations under this contract.
4. The client agrees to pay JMC upon invoicing for work performed in accordance with the terms of this contract and JMC reserves the right to suspend, rescind and repossess work on overdue accounts.
5. Payment of JMC is expressly not conditioned upon the formal approval, adoption or acceptance of any proposal, study, report or recommendation contained herein by the undersigned or by any other person, agency, official or organization.
6. Payment of JMC is also not conditioned upon the undersigned receiving any payment from third parties who are not a party to this contract.
7. The individual executing this contract, if acting on behalf of a partnership or corporation, represents that he/she has the authority to do so.
8. In the event the services of a collection agency, attorney and/or courts are required to enforce payment, the undersigned will pay all related costs. This would be an attempt to collect the debt and any information will be used for that purpose.
9. In the event that full payment is not received within 30 days of invoicing, a service charge of 1 ½ % per month will be added to the balance due, which amount will also be subject to all of the above terms.
10. JMC will retain ownership, including all rights under U.S. Copyright Law, to all drawings and reports developed by JMC for the project.
11. JMC reserves the right to assign this Contract to JMC Site Development Consultants, LLC and/or John Meyer Consulting, Inc.

F:\Misc\SFC\Agreement for Professional Services (PLLC).doc

JMC Planning Engineering Landscape Architecture & Land Surveying, PLLC | JMC Site Development Consultants, LLC

120 BEDFORD ROAD | ARMONK, NY 10504 | 914.273.5225 | MAIL@JMCPLLC.COM | JMCPLLC.COM