

#6



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COUNSEL

Stephen P. Duggan, III
John K. McGuirk
(1942-2018)

OF COUNSEL

Craig F. Simon
Irene V. Villacci

MEMORANDUM

TO: HON. GILBERT J. PIAQUADIO, SUPERVISOR
TOWN BOARD MEMBERS

FROM: MARK C. TAYLOR, ATTORNEY FOR THE TOWN

RE: TREE PRESERVATION AND PROTECTION LOCAL LAW
OUR FILE NO. 800.1(B)()(2019)

DATE: AUGUST 18, 2022

Enclosed for the Town Board's consideration following the close of the public hearing scheduled for August 22 2022 on the Introductory Local Law Adding Chapter 172 Entitled "Tree Preservation and Protection" to the Code of the Town of Newburgh are the following draft resolutions:

1. Resolution of SEQR Designation and Determination: Adoption of a Proposed Local Law Adding Chapter 172 Entitled "Tree Preservation and Protection" to the Code of the Town of Newburgh. The circulated Long Form EAF is also enclosed. The proposed Negative Declaration will be forwarded under separate cover.
2. Resolution of Adoption of Local Law No. __ of 2022 Adding Chapter 172 Entitled "Tree Preservation and Protection" to the Code of the Town of Newburgh

Should you have any questions or concerns, please do not hesitate to contact me.

cc: Town Clerk Lisa M. Vance Ayers (via e-mail)
James Presutti, Commissioner of Parks, Rec. & Conser. (via e-mail)
James Osborne, Town Engineer (via e-mail)
Patrick Hines, Engineers Representative (via e-mail)
Gerald Canfield, Code Compliance Supervisor (via e-mail)

At a meeting of the Town Board of the Town of Newburgh, held at the Town Hall, 1496 Route 300, in the Town of Newburgh, Orange County, New York on the ___th day of August, 2022 at 7:00 o'clock p.m.

PRESENT:

- Gilbert J. Piaquadio, Councilman
- Elizabeth J. Greene, Councilwoman
- Paul I. Ruggiero, Councilman
- Scott M. Manley, Councilman
- Anthony R. LoBiondo, Councilman

RESOLUTION OF SEQR DESIGNATION AND DETERMINATION: ADOPTION OF A PROPOSED LOCAL LAW ADDING CHAPTER 172 ENTITLED "TREE PRESERVATION AND PROTECTION" TO THE CODE OF THE TOWN OF NEWBURGH

Councilman/woman _____ presented the following resolution which was seconded by Councilman/woman _____.

WHEREAS, the Town Board of the Town of Newburgh has caused to be prepared a local law which will add Chapter 172 entitled "Tree Preservation and Protection" to the Code of the Town of Newburgh which bears on the preservation, protection and restoration of trees on properties which are the subject of development applications; and

WHEREAS, the Town Board of the Town of Newburgh recognizes the importance of sound planning as a means of promoting responsible development and protecting the health, safety and general welfare of the citizens of the Town of Newburgh and otherwise fulfilling the legislative findings and intent set forth in Town Law Section 272-a and has determined that that the proposed Code amendment does not require an amendment to the Town's Comprehensive Plan; and

WHEREAS, the Town Board of the Town of Newburgh has caused an Environmental Assessment Form (the "EAF") to be prepared for the proposed adoption of said local law adding a new Chapter to the Code of the Town of Newburgh (the "Action"); and

WHEREAS, the proposed local law was introduced before the Town Board on the 10th day of June, 2019, and the Town Board conducted a public hearing held on the 9th day of March, 2020 and heard all interested parties on said proposed local law; and

WHEREAS, following the close of the public hearing and upon consideration of the comments received, the Town Board determined to modify certain provisions of the Local Law; and

WHEREAS, the modified Local Law was reintroduced before the Town Board of the Town

of Newburgh on the 25th day of July, 2022 and the Town Board conducted a second public hearing on the 22nd day of August, 2022 and heard all interested parties; and

WHEREAS, the Town Board has determined that the Action is a Type 1 Action under Part 617 of the General Regulations adopted pursuant to Article 8 of the Environmental Conservation Law and Chapter 100 entitled "Environmental Quality Review" of the Town of Newburgh Municipal Code; and

WHEREAS, the Town Board proposes to undertake, fund and approve the Action and wishes to assume Lead Agency status in connection with the review of the Action pursuant to the State Environmental Quality Review Act; and

WHEREAS, the Town Board has determined that the Action does not involve a federal agency; and

WHEREAS, the Town Board, using all due diligence, has identified no other involved agencies for the Action; and

WHEREAS, the Town Board has identified the following interested agencies for the Action:

Orange County Department of Planning
Town of Newburgh Planning Board
Town of Newburgh Zoning Board of Appeals

and;

WHEREAS, the EAF and other appropriate information were forwarded to the Orange County Department of Planning and the Town of Newburgh Planning Board, together with copies of the proposed local law and the modified Local Law was re-forwarded to the Department of Planning and Planning Board, in accordance with the requirements of the General Municipal Law and the Town of Newburgh Zoning Code and to the Town of Newburgh Zoning Board of Appeals; and

WHEREAS, pursuant to Section 617.6(b)(1) of Part 617, "[w]hen a single agency is involved, that agency will be the lead agency when it proposes to undertake, fund or approve a Type I or Unlisted action that does not involve another agency"; and

WHEREAS, the Action is consistent with the adopted Town of Newburgh Comprehensive Plan Update and is also consistent with the Orange County Comprehensive Plan; and

WHEREAS, the Town Board has also considered the consistency of the amendment with the needs and goals identified by the April, 2009 *Tri-County Affordable Housing Study*, conducted jointly by Orange, Dutchess, and Ulster Counties, and the potential affects of the Action on the Town's ability to meet goals for providing rental and owner occupied affordable housing; and

WHEREAS, recognizing that the impact that an action may have on population patterns or existing community character, with or without a separate impact on the physical environment is a

relevant concern in an environmental analysis since the statute includes these concerns as elements of the environment, the Town Board has considered and analyzed information pertaining to those impacts; and

WHEREAS, the Town Board has undertaken further information gathering and these further analyses in recognition that conclusory statements unsupported by empirical or experimental data, scientific authorities or any explanatory information will not suffice as a reasoned elaboration for its determination of environmental significance or non-significance; and

WHEREAS, the Town Board has (i) thoroughly reviewed the EAF, and any and all other documents prepared and submitted with respect to this proposed action and its environmental review; and (ii) thoroughly analyzed the potential relevant areas of environmental concern to determine if the proposed action may have a significant adverse impact on the environment, including the criteria identified in 6 NYCRR Section 617.7(c); and

WHEREAS, the Town Board has not identified relevant areas of environmental concern which would lead to a determination that the adoption of the proposed local law may have a significant adverse effect on the environment either in the short term, long term or cumulatively given the likely consequences, setting, probability of occurrence, duration, irreversibility, geographic scope, magnitude and the number of people affected.

NOW THEREFORE, BE IT RESOLVED:

1. The Town Board determines that it is the single involved agency for the Action and as it is proposing to directly undertake the Action, does further declare itself the Lead Agency for the purpose of conducting a review of this Action.
2. The Town Board, acting in its capacity as Lead Agency, does hereby further determine that the Action will not have an adverse environmental impact and, accordingly, does issue a negative declaration.
3. The Town Board accordingly determines that an Environmental Impact Statement will not be prepared.
4. The Town Board hereby authorizes the Supervisor to execute and file the relevant section of the Environmental Assessment Form and a Negative Declaration with such further amendment and modification as may be required to elaborate the Lead Agency's determination herein, in accordance with the applicable provisions of law and all other appropriate notices and documents to effectuate these resolutions in accordance with the applicable provisions of law .

The question of the adoption of the foregoing resolution was duly put to a vote on roll call, which resulted as follows:

<u>Elizabeth J. Greene, Councilwoman</u>	<u>voting</u>
<u>Paul I. Ruggiero, Councilman</u>	<u>voting</u>
<u>Scott M. Manley, Councilman</u>	<u>voting</u>
<u>Anthony R. LoBiondo, Councilman</u>	<u>voting</u>
<u>Gilbert J. Piaquadio, Supervisor</u>	<u>voting</u>

The resolution was thereupon declared duly adopted.

At a meeting of the Town Board of the Town of Newburgh, held at the Town Hall, 1496 Route 300, in the Town of Newburgh, Orange County, New York on the ___th day of August, 2022 at 7:00 P.M., Prevailing Time.

PRESENT:

Gilbert J. Piaquadio, Supervisor

Elizabeth J. Greene, Councilwoman

Paul I. Ruggiero, Councilman

Scott M. Manley, Councilman

Anthony R. LoBiondo, Councilman

RESOLUTION OF ADOPTION OF LOCAL LAW NO. __ OF 2022 ADDING CHAPTER 172 ENTITLED "TREE PRESERVATION AND PROTECTION" TO THE CODE OF THE TOWN OF NEWBURGH

Councilman/woman _____ presented the following resolution which was seconded by Councilman/woman _____.

WHEREAS, a Local Law Adding Chapter 172 entitled "Tree Preservation and Protection" to the Code of the Town of Newburgh was first introduced before the Town Board of the Town of Newburgh in the County of Orange and State of New York on the 10th day of June, 2019; and

WHEREAS, pursuant to resolution of the Town Board, copies of the aforesaid local law were forwarded to the Orange County Department of Planning and the Town of Newburgh Planning Board for their reports in accordance with the provisions of the New York State General Municipal Law and the Town of Newburgh Zoning Code respectively, and to the Town of Newburgh Zoning Board of Appeals; and

WHEREAS, the Town Board of the Town of Newburgh by motion adopted on the 27th day of January, 2019 ordered a public hearing to be held on the 9th day of March, 2020 at 7:00 o'clock p.m., prevailing time, to hear all interested parties on said proposed local law entitled "Local Law Adding Chapter 172 entitled 'Tree Preservation and Protection' to the Code of the Town of Newburgh"; and

WHEREAS, a notice of said Public Hearing was duly advertised on the ___th day of February, 2020 in The Mid-Hudson Times and on the ___th day of February, 2020 in the Orange County Post and posted on the Town Clerk's sign board on the ___rd day of February, 2020; and

WHEREAS, the Public Hearing was duly held on the 9th day of March, 2020 at 7:00 o'clock p.m.; and

WHEREAS, following the close of the public hearing and upon consideration of the comments received, the Town Board determined to modify certain provisions of the Local Law; and

WHEREAS, the modified Local Law was reintroduced before the Town Board of the Town of Newburgh on the 25th day of July, 2022 and the Town Board by motion ordered a public hearing to be held on the 22nd day of August, 2022 at 7:00 o'clock p.m., prevailing time, to hear all

interested parties on said proposed local law; and

WHEREAS, copies of the aforesaid modified local law were forwarded to the Orange County Department of Planning and the Town of Newburgh Planning Board for their reports in accordance with the provisions of the New York State General Municipal Law and the Town of Newburgh Zoning Code respectively, and to the Town of Newburgh Zoning Board of Appeals; and

WHEREAS, a notice of said Public Hearing was duly advertised on the __th day of August, 2022 in The Mid-Hudson Times and posted on the Town Clerk's sign board on the __rd day of August, 2022; and

WHEREAS, the Local Law in final form was placed upon the desks or tables of the members of the Town Board 11th day of August, 2022; and

WHEREAS, the Public Hearing was duly held on the 22nd day of August, 2022 at 7:00 o'clock p.m., at Town Hall, 1496 Route 300, Newburgh, New York and all parties in attendance were permitted to speak on behalf or in opposition of the proposed Local Law or any part thereof; and

WHEREAS, the Town Board of the Town of Newburgh, acting as lead agency, has duly considered the adoption of said Local Law adding Chapter 172 entitled "Tree Preservation and Protection" to the Code of the Town of Newburgh as a Type I Action under the State Environmental Quality Review Act and has duly issued a negative declaration; and

WHEREAS, the Town Board of the Town of Newburgh has duly considered the reports and responses it has received from the Orange County Planning Department and the Town of Newburgh Planning Board; and

WHEREAS, due to the change in calendar year and the adoption of intervening local laws, said Local Law shall be designated as Town of Newburgh Local Law No. ___ of the Year 2022 upon filing; and

WHEREAS, the Town Board of the Town of Newburgh, after due deliberation finds it in the best interest of the Town to adopt said Local Law.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. The Town Board of the Town of Newburgh hereby adopts said Local Law No. ___ of Year 2022 entitled "A Local Law Adding Chapter 172 entitled 'Tree Preservation and Protection' to the Code of the Town of Newburgh."
2. The Town Clerk is hereby directed to enter this resolution and said Local Law in the minutes of this meeting and the Local Law Book of the Town of Newburgh and to give due notice of the adoption of said Local Law to the Secretary of State and to the public.
3. A report of final action in the matter of the adoption of said Local Law amending the Zoning Code of the Town of Newburgh shall be delivered to the Orange County

Planning Department in accordance with the requirements of the General
Municipal Law.

The question of the adoption of the foregoing resolution was duly put to a vote on roll call, which
resulted as follows:

Elizabeth J. Greene, Councilwoman voting _____

Paul I. Ruggiero, Councilman voting _____

Scott M. Manley, Councilman voting _____

Anthony R. LoBiondo, Councilman voting _____

Gilbert J. Piaquadio, Supervisor voting _____

The resolution was thereupon declared duly adopted.

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COUNSEL
Stephen P. Duggan, III
John K. McGuirk
(1942-2018)

OF COUNSEL
Craig F. Simon
Irene V. Villacci

MEMORANDUM

TO: HON. GILBERT J. PIAQUADIO, SUPERVISOR
TOWN BOARD MEMBERS

FROM: MARK C. TAYLOR, ATTORNEY FOR THE TOWN

RE: PROPOSED LOCAL LAW AMENDING CHAPTER 104
ENTITLED SCHEDULE OF FEES OF THE CODE OF THE
TOWN OF NEWBURGH: TREE PRESERVATION PLAN
APPLICATION FEES
OUR FILE NO. 800.1(B)() (2022)

DATE: AUGUST 18, 2022

Enclosed please find for the Town Board's consideration following the close of the public hearing scheduled for August 22, 2022 a draft Resolution of Adoption for the above referenced Local Law.

Should you have any questions or concerns in this regard, please feel free to contact me.

MCT/sel
Enc.

cc: Town Clerk Lisa M. Vance Ayers (via e-mail)
John P. Ewasutyn, Planning Board Chairman (via e-mail)
James Presutti, Commissioner of Parks, Recreation and Conservation (via e-mail)
Gerald Canfield, Code Compliance Supervisor (via e-mail)
Town Engineer James Osborne (via e-mail)
Patrick Hines, Principal, McGoey, Hauser & Edsall (via e-mail)
Town Accountant Ronald Clum (via e-mail)

At a meeting of the Town Board of the Town of Newburgh, held at the Town Hall, 1496 Route 300, in the Town of Newburgh, Orange County, New York on the 22nd day of August, 2022 at 7:00 o'clock p.m.

PRESENT:

Gilbert J. Piaquadio, Supervisor

Elizabeth J. Greene, Councilwoman

Paul I. Ruggiero, Councilman

Scott M. Manley, Councilman

Anthony R. LoBiondo, Councilman

RESOLUTION OF ADOPTION
OF LOCAL LAW NO. __ OF 2022
AMENDING CHAPTER 104 ENTITLED
'SCHEDULE OF FEES' OF THE
TOWN OF NEWBURGH MUNICIPAL
CODE: TREE PRESERVATION PLAN
APPLICATION FEES

Councilman/woman _____ presented the following resolution which was seconded by Councilman/woman _____.

WHEREAS, the Town Board of the Town of Newburgh adopted a motion on the 25th day of July, 2022 ordering a public hearing to be held on the 22nd day of August, 2022 at 7:10 o'clock p.m., prevailing time, to hear all interested parties on Introductory Local Law No. __ of the Year 2021 entitled "A Local Law Amending Chapter 104 entitled 'Schedule of Fees' of the Town of Newburgh Municipal Code: Tree Preservation Plan Application Fees"; and

WHEREAS, a notice of Public Hearing was duly advertised on the __nd day of August, 2022 in The Mid-Hudson Times and posted on the Town Clerk's sign board together with a copy of the Local Law on the __th day of August, 2022; and

WHEREAS, the Public Hearing was duly held on the 22th day of August, 2022 at 7:10 o'clock p.m., at Town Hall, 1496 Route 300, Newburgh, New York and all parties in attendance were permitted to speak on behalf or in opposition of the proposed Local Law or any part thereof; and

WHEREAS, due to the introduction or adoption of intervening local laws or the Town Board's determination not to act upon introductory local laws and/or to act upon local laws introduced in prior years, upon adoption and filing with the Secretary of State said Local Law will be designated as Local Law No. __ of 2022; and

WHEREAS, the adoption of said Local Law revising the Schedule of Fees of the Town of Newburgh constitutes a legislative action pertaining to routine or continuing agency administration and management, not including new programs or major reordering of priorities that may affect the environment, and accordingly is a Type II Action under the State Environmental Quality Review

Act; and

WHEREAS, the Town Board of the Town of Newburgh, after due deliberation finds it in the best interest of the Town to adopt said Local Law.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. The Town Board of the Town of Newburgh hereby adopts said Local Law No. 4of 2021 entitled "A Local Law Amending Chapter 104 entitled 'Schedule of Fees' of the Town of Newburgh Municipal Code: Tree Preservation Plan Application Fees".
2. The Town Clerk is hereby directed to enter this resolution and said Local Law in the minutes of this meeting and the Local Law Book of the Town of Newburgh and to give due notice of the adoption of said Local Law to the Secretary of State and to the public.

The question of the adoption of the foregoing resolution was duly put to a vote on roll call which resulted as follows:

<u>Elizabeth J. Greene, Councilwoman</u>	<u>voting</u>
<u>Paul I. Ruggiero, Councilman</u>	<u>voting</u>
<u>Scott M. Manley, Councilman</u>	<u>voting</u>
<u>Anthony R. LoBiondo, Councilman</u>	<u>voting</u>
<u>Gilbert J. Piaquadio, Supervisor</u>	<u>voting</u>

The resolution was thereupon declared duly adopted.

INTRODUCTORY LOCAL LAW NO. __ OF THE YEAR 2022

TOWN OF NEWBURGH

A LOCAL LAW AMENDING CHAPTER 104 ENTITLED "SCHEDULE OF FEES" OF THE TOWN OF NEWBURGH MUNICIPAL CODE:
TREE PRESERVATION PLAN APPLICATION FEES

BE IT ENACTED by the Town Board of the Town of Newburgh, County of Orange as follows:

SECTION 1 - TITLE This Local Law shall be referred to as "A Local Law Amending Chapter 104 entitled 'Schedule of Fees' of the Code of the Town of Newburgh: Tree Preservation Plan Application Fees".

SECTION 2 - AMENDMENTS TO CHAPTER 104

- A. Subsection D of Section 104-2 entitled "Planning, zoning and building fees" of Chapter 104 entitled "Schedule of Fees" of the Town of Newburgh Municipal Code be and hereby is amended as follows:

A new sub-subsection 104-2D(13) is hereby added to read as follows:

“(13) Tree preservation plan application fee: \$200”.

- B. Subsection E of Section 104-2 entitled "Planning, zoning and building fees" of Chapter 104 entitled "Schedule of Fees" of the Town of Newburgh Municipal Code be and hereby is amended as follows:

1. A new sub-subsection 104-2E(2)(b)[7] is hereby added to read as follows:

(b) The Town of Newburgh Planning Board shall compute the initial escrow charge in accordance with the following schedule:

“[7] Tree preservation plan application: \$500 for sites 1 acre or less
\$1,000 for sites over 1 acre”.

SECTION 3 - PENDING APPLICATIONS

Applications which are pending before the appropriate Board or department of the Town of Newburgh as of the effective date of this Local Law and for which fees or partial fees have already been paid shall be subject to the fees set forth in Chapter 104 prior to this amendment with respect to those fees already paid and the fees established herein shall apply only to fees which were unpaid or applications submitted after the effective date of this Local Law.

SECTION 4 - VALIDITY

The invalidity of any provision of this Local Law shall not affect the validity of any other provision of this Local Law that can be given effect without such invalid provision.

SECTION 5 - EFFECTIVE DATE

This Local Law shall take effect on the later of the date it is filed in the Office of the New York State Secretary of State in accordance with Section 27 of the Municipal Home Rule Law.

#8



Rider Weiner & Frankel P.C.
ATTORNEYS & COUNSELORS AT LAW

MEMORANDUM

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COUNSEL

Stephen P. Duggan, III
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(1942-2018)

OF COUNSEL

Craig F. Simon
Irene V. Villacci

TO: HON. GILBERT J. PIAQUADIO, SUPERVISOR
TOWN BOARD MEMBERS

FROM: MARK C. TAYLOR, ATTORNEY FOR THE TOWN

RE: CROSSROADS CONSOLIDATED SEWER DISTRICT
MEADOW HILL SEWER REMEDIATION PROJECT
OUR FILE NO. 801.____; 800.1(B)() (2022)

DATE: AUGUST 18, 2022

Enclosed please find the following draft order and resolution for the Town Board's consideration in connection with the above referenced project following the close of the public hearing scheduled for 7:20 p.m. on August 22, 2022:

1. PUBLIC INTEREST ORDER IN THE MATTER OF THE INCREASE AND IMPROVEMENT OF THE FACILITIES OF THE CROSSROADS CONSOLIDATED SEWER DISTRICT (MEADOW HILL SEWER REMEDIATION PROJECT) IN THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK
2. BOND RESOLUTION DATED AUGUST 22, 2022 AUTHORIZING THE ISSUANCE OF \$2,508,750 BONDS OF THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK TO PAY THE COST OF THE CROSSROADS CONSOLIDATED SEWER DISTRICT (MEADOW HILL SEWER REMEDIATION PROJECT) IN THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK

Should you have any questions in this regard, please feel free to contact me.

MCT:sel
Enclosure

cc: Lisa M. Vance Ayers, Town Clerk (via e-mail)
Ronald Clum, Town Accountant (via e-mail)
James Osborne, Town Engineer (via e-mail)
Pat Hines, McGoe, Hauser & Edsall (via e-mail)
Douglas Goodfriend, Esq. (via e-mail)

At a meeting of the Town Board of the Town of Newburgh, held at the Town Hall, 1496 Route 300, in the Town of Newburgh, Orange County, New York on the 22nd day of August, 2022 at 7:00 P.M., Prevailing Time.

PRESENT:

Gilbert J. Piaquadio
Supervisor

Elizabeth J. Greene
Councilwoman

Paul I. Ruggiero
Councilman

Scott M. Manley
Councilman

Anthony R. LoBiondo
Councilman

Councilman/woman _____ presented the following order which was seconded by Councilman/woman _____.

<p>In the Matter of The Increase and Improvement of the Facilities of the Crossroads Consolidated Sewer District (Meadow Hill Sewer Remediation Project) in the Town of Newburgh, Orange County, New York</p>	<p>PUBLIC INTEREST ORDER</p>
---	--------------------------------------

WHEREAS, the Town Board of the Town of Newburgh, Orange County, New York, has caused to be prepared a map, plan and report, including an estimate of cost, pursuant to Section 202-b of the Town Law, relating to the increase and improvement of the facilities of the Crossroads Consolidated Sewer District, in the Town of Newburgh, Orange County, New York (the "Crossroads Consolidated Sewer District:"); being the the rehabilitation of existing sewer mains and manholes by trenchless relining to mitigate inflow and infiltration from entering the sewer system and improvements to appurtenant facilities throughout the Meadow Hill area within the Crossroads Consolidated Sewer District, including original furnishings, equipment, machinery, apparatus, appurtenances,

and incidental improvements and expenses in connection therewith (“Meadow Hill Sewer Remediation Project”), at a maximum estimated cost of \$2,508,750; and

WHEREAS, said capital project has been determined to be a Type II Action pursuant to 6 NYCRR Part 617.5 (c)(2) of the regulations of the New York State Department of Environmental Conservation promulgated pursuant to the State Environmental Quality Review Act, which regulations state that Type II Actions will not have any significant adverse impact on the environment; and

WHEREAS, at a meeting of said Town Board duly called and held on the 8th day of August, 2022, an order was duly adopted by it and entered in the minutes reciting the filing of such map, plan and report including an estimated of cost, the improvement proposed and the maximum aggregate amount proposed to be expended for the improvement, to-wit: the sum of \$2,508,750.00 for the Crossroads Consolidated Sewer District, and specifying that said Board would meet to consider the map, plan and report, including an estimate of cost and the increase and improvement of the facilities of the Crossroads Consolidated Sewer District and to hear all persons interested in the subject thereof concerning the same at 1496 Route 300 in Newburgh, New York, in said Town on the 22nd day of August, 2022 at 7:20 o'clock, p.m., Prevailing Time; and

WHEREAS, the Notice of Public Hearing duly authorized by said order and duly certified by the Town Clerk was duly published and posted as required by law, to-wit: a duly certified copy thereof was published in The Mid-Hudson Times, which is hereby designated as an official newspaper of this Town for such purpose on August __, 2022, and a copy of such Notice of Public Hearing was posted on August 9, 2022, on the signboard maintained by the Town Clerk of the Town of Newburgh pursuant to Section 30, subdivision 6 of the Town Law; and

WHEREAS, a public hearing was duly held at the time and place set forth in said notice, at which all persons desiring to be heard were duly heard.

NOW, THEREFORE, IT IS HEREBY

ORDERED, by the Town Board in the Town of Newburgh, Orange County, New York, as follows:

Section 1. A copy of the Notice of Public Hearing set forth in the Order calling a public hearing as recited in the preambles hereof duly certified by the Town Clerk was duly published and posted as required by law.

Section 2. Upon the evidence given at the aforesaid public hearing, it is hereby found and determined that it is in the public interest to make the increase and improvement of the facilities of the Crossroads Consolidated Sewer District (Meadow Hill Sewer Remediation Project), in the Town of Newburgh, Orange County, New York, consisting of the rehabilitation of existing sewer mains and manholes by trenchless relining to mitigate inflow and infiltration from entering the sewer system and improvements to appurtenant facilities throughout the Meadow Hill area within the Crossroads Consolidated Sewer District, including original furnishings, equipment, machinery, apparatus, appurtenances, and incidental improvements and expenses in connection therewith, at a maximum estimated cost of \$2,508,750.

Section 3. The Town Engineer is hereby directed to prepare or to cause a licensed professional engineer retained for said purposes to prepare definite plans and specifications and to make a careful estimate of the expense of the aforesaid improvements, and to prepare a proposed contract for the execution of the work.

Section 4. The Town Clerk shall cause a copy of this Order to be filed with the County Clerk of the County of Orange.

Section 5. This Order shall take effect immediately.

The question of the adoption of the foregoing order was duly put to a vote on roll which resulted as follows:

<u>Elizabeth Greene, Councilwoman</u>	<u>voting</u>
<u>Paul I. Ruggiero, Councilman</u>	<u>voting</u>
<u>Scott M. Manley, Councilman</u>	<u>voting</u>
<u>Anthony R. LoBiondo, Councilman</u>	<u>voting</u>
<u>Gilbert J. Piaquadio, Supervisor</u>	<u>voting</u>

The order was thereupon declared duly adopted.

CERTIFICATION FORM

STATE OF NEW YORK)
) ss.:
COUNTY OF ORANGE)

I, the undersigned Clerk of in the Town of Newburgh, Orange County, New York (the "Issuer"), DO HEREBY CERTIFY:

1. That a meeting of the Issuer was duly called, held and conducted on the 22nd day of August, 2022.
2. That such meeting was a **special regular** (circle one) meeting.
3. That attached hereto is a proceeding of the Issuer which was duly adopted at such meeting by the Board of the Issuer.
4. That such attachment constitutes a true and correct copy of the entirety of such proceeding as so adopted by said Board.
5. That all members of the Board of the Issuer had due notice of said meeting.
6. That said meeting was open to the general public in accordance with Section 103 of the Public Officers Law, commonly referred to as the "Open Meetings Law".
7. That notice of said meeting (*the meeting at which the proceeding was adopted*) was caused to be given **PRIOR THERETO** in the following manner:

PUBLICATION (here insert newspaper(s) and date(s) of publication - should be a date or dates falling prior to the date set forth above in item 1)

Mic-Hudson Times on August , 2022

POSTING (here insert place(s) and date(s) of posting- should be a date or dates falling prior to the date set forth above in item 1)

Town Hall Lobby Posting on August 9, 2022

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Issuer this ___ day of August, 2022.

Lisa M. Vance Ayers, Town Clerk

(CORPORATE SEAL)

BOND RESOLUTION

At a regular meeting of the Town Board of the Town of Newburgh, Orange County, New York, held at the Town Hall, in Newburgh, New York, in said Town, on the 22nd day of August, 2022, at 7:00 o'clock P.M., Prevailing Time.

The meeting was called to order by _____, and upon roll being called, the following were

PRESENT:

ABSENT:

The following resolution was offered by Councilman _____ who moved its adoption, seconded by Councilman _____ to-wit:

BOND RESOLUTION DATED AUGUST 22, 2022.

A RESOLUTION AUTHORIZING THE ISSUANCE OF \$2,508,750 BONDS OF THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK, TO PAY THE COST OF THE INCREASE AND IMPROVEMENT OF THE FACILITIES OF THE CROSSROADS CONSOLIDATED SEWER DISTRICT (MEADOW HILL SEWER REMEDIATION PROJECT), IN THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK.

WHEREAS, pursuant to the provisions heretofore duly had and taken in accordance with the provisions of Section 202-b of the Town Law, and more particularly an Order dated the date hereof, said Town Board has determined it to be in the public interest to improve the facilities of Crossroads Consolidated Sewer District (Meadow Hill Sewer Remediation Project), in the Town of Newburgh, Orange County, New York, at a maximum estimated cost of \$2,508,750; and

WHEREAS, the capital project hereinafter described, as proposed, has been determined to be a Type II Action pursuant to 6 NYCRR Part 617.5 (c)(2) of the regulations of the New York State Department of Environmental Conservation promulgated pursuant to the State Environmental Quality Review Act, which regulations state that Type II Actions will not have any significant adverse impact on the environment; NOW, THEREFORE, BE IT

RESOLVED, by the Town Board of the Town of Newburgh, Orange County, New York, as follows:

Section 1. For the specific object or purpose of paying the cost of the increase and improvement of Crossroads Consolidated Sewer District (Meadow Hill Sewer Remediation Project), in the Town of Newburgh, Orange County, New York, consisting of the rehabilitation of existing sewer mains and manholes by trenchless relining to mitigate inflow and infiltration from entering the sewer system and improvements to appurtenant facilities throughout the Meadow Hill area within the Crossroads Consolidated Sewer District, including original furnishings, equipment, machinery, apparatus, appurtenances, and incidental improvements and

expenses in connection therewith, there are hereby authorized to be issued \$2,508,750 bonds of said Town pursuant to the provisions of the Local Finance Law.

Section 2. It is hereby determined that the maximum estimated cost of the aforesaid specific object or purpose is \$2,508,750, which specific object or purpose is hereby authorized at said maximum estimated cost, and that the plan for the financing thereof is by the issuance of the \$2,508,750 bonds of said Town authorized to be issued pursuant to this bond resolution; **PROVIDED, HOWEVER,** that to the extent that any grants-in-aid are received for such specific object or purpose or the Town Board shall appropriate other monies of the Town therefor, the amount of bonds to be issued pursuant to this resolution shall be reduced dollar-for-dollar.

Section 3. It is hereby determined that the period of probable usefulness of the aforesaid specific object or purpose is forty years pursuant to subdivision 4 of paragraph a of Section 11.00 of the Local Finance Law. It is hereby further determined that the maximum maturity of the serial bonds herein authorized will exceed five years.

Section 4. The faith and credit of said Town of Newburgh, Orange County, New York, are hereby irrevocably pledged for the payment of the principal of and interest on such bonds as the same respectively become due and payable. An annual appropriation shall be made in each year sufficient to pay the principal of and interest on such bonds becoming due and payable in such year. To the extent not paid from monies raised from said Crossroads Consolidated Sewer District as applicable in the manner provided by law, there shall annually be levied on all the taxable real property of said Town, a tax sufficient to pay the principal of and interest on such bonds as the same become due and payable.

Section 5. Subject to the provisions of the Local Finance Law, the power to authorize the issuance of and to sell bond anticipation notes in anticipation of the issuance and sale of the serial bonds herein authorized, including renewals of such notes, is hereby delegated to the Supervisor, the chief fiscal officer. Such notes shall be of such terms, form and contents, and shall be sold in such manner, as may be prescribed by said Supervisor, consistent with the provisions of the Local Finance Law.

Section 6. The powers and duties of advertising such bonds for sale, conducting the sale and awarding the bonds, are hereby delegated to the Supervisor, who shall advertise such bonds for sale, conduct the sale, and award the bonds in such manner as the Supervisor shall deem best for the interests of said Town, including, but not limited to, the power to sell said bonds to the New York State Environmental Facilities Corporation; provided, however, that in the exercise of these delegated powers, the Supervisor shall comply fully with the provisions of the Local Finance Law and any order or rule of the State Comptroller applicable to the sale of municipal bonds. The receipt of the Supervisor shall be a full acquittance to the purchaser of such bonds, who shall not be obliged to see to the application of the purchase money.

Section 7. All other matters except as provided herein relating to the serial bonds herein authorized including the date, denominations, maturities and interest payment dates, within the limitations prescribed herein and the manner of execution of the same, including the consolidation with other issues, and also the ability to issue serial bonds with substantially level or declining annual debt service, shall be determined by the Supervisor, the chief fiscal officer of such Town. Such bonds shall contain substantially the recital of validity clause provided for in Section 52.00 of the Local Finance Law, and shall otherwise be in such form and contain such

recitals, in addition to those required by Section 51.00 of the Local Finance Law, as the Supervisor shall determine consistent with the provisions of the Local Finance Law.

Section 8. The Supervisor is hereby further authorized, at the Supervisor's sole discretion, to execute a project finance and/or loan agreement, and any other agreements with the New York State Department of Environmental Conservation and/or the New York State Environmental Facilities Corporation, including amendments thereto, and including any instruments (or amendments thereto) in the effectuation thereof, in order to effect the financing or refinancing of the class of objects or purposes described in Section 1 hereof, or a portion thereof, by a bond, and/or note issue of said Town in the event of the sale of same to the New York State Environmental Facilities Corporation.

Section 9. The power to issue and sell notes to the New York State Environmental Facilities Corporation pursuant to Section 169.00 of the Local Finance Law is hereby delegated to the Supervisor. Such notes shall be of such terms, form and contents as may be prescribed by said Supervisor consistent with the provisions of the Local Finance Law.

Section 10. The validity of such bonds and bond anticipation notes may be contested only if:

- 1) Such obligations are authorized for an object or purpose for which said Town is not authorized to expend money, or
- 2) The provisions of law which should be complied with at the date of publication of this resolution are not substantially complied with,

and an action, suit or proceeding contesting such validity is commenced within twenty days after the date of such publication, or

- 3) Such obligations are authorized in violation of the provisions of the Constitution.

Section 11. This resolution shall constitute a statement of official intent for purposes of Treasury Regulations Section 1.150-2. Other than as specified in this resolution, no monies are, or are reasonably expected to be, reserved, allocated on a long-term basis, or otherwise set aside with respect to the permanent funding of the object or purpose described herein.

Section 12. This resolution, which takes effect immediately, shall be published in summary form in the official newspaper, together with a notice of the Town Clerk in substantially the form provided in Section 81.00 of the Local Finance Law.

The question of the adoption of the foregoing resolution was duly put to a vote on roll call, which resulted as follows:

_____	VOTING	_____
_____	VOTING	_____
_____	VOTING	_____
_____	VOTING	_____
_____	VOTING	_____

The resolution was thereupon declared duly adopted.

* * * * *

CERTIFICATION

STATE OF NEW YORK)
) ss.:
COUNTY OF ORANGE)

I, the undersigned Clerk of the Town of Newburgh, Orange County, New York (the "Issuer"), DO HEREBY CERTIFY:

1. That a meeting of the Issuer was duly called, held and conducted on the 22nd day of August, 2022.
2. That such meeting was a **special regular** (circle one) meeting.
3. That attached hereto is a proceeding of the Issuer which was duly adopted at such meeting by the Board of the Issuer.
4. That such attachment constitutes a true and correct copy of the entirety of such proceeding as so adopted by said Board.
5. That all members of the Board of the Issuer had due notice of said meeting.
6. That said meeting was open to the general public in accordance with Section 103 of the Public Officers Law, commonly referred to as the "Open Meetings Law".
7. That notice of said meeting (the meeting at which the proceeding was adopted) was given PRIOR THERETO in the following manner:

PUBLICATION (here insert newspaper(s) and date(s) of publication)

POSTING (here insert place(s) and date(s) of posting)

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Issuer this _____ day of August, 2022.

Town Clerk

(CORPORATE
SEAL)

LEGAL NOTICE OF ESTOPPEL

The bond resolution, a summary of which is published herewith, has been adopted on August 22, 2022, and the validity of the obligations authorized by such resolution may be hereafter contested only if such obligations were authorized for an object or purpose for which the Town of Newburgh, Orange County, New York, is not authorized to expend money, or if the provisions of law which should have been complied with as of the date of publication of this notice were not substantially complied with, and an action, suit or proceeding contesting such validity is commenced within twenty days after the date of publication of this notice, or such obligations were authorized in violation of the provisions of the Constitution.

A complete copy of the resolution summarized herewith is available for public inspection during regular business hours at the Office of the Town Clerk for a period of twenty days from the date of publication of this Notice.

Dated: Newburgh, New York,
August 22, 2022.

/s/ Lisa M. Vance-Ayers
Town Clerk

BOND RESOLUTION DATED AUGUST 22, 2022.

A RESOLUTION AUTHORIZING THE ISSUANCE OF \$2,508,750 BONDS OF THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK, TO PAY THE COST OF THE INCREASE AND IMPROVEMENT OF THE FACILITIES OF THE CROSSROADS CONSOLIDATED SEWER DISTRICT (MEADOW HILL SEWER REMEDIATION PROJECT), IN THE TOWN OF NEWBURGH, ORANGE COUNTY, NEW YORK.

Specific object or purpose:	Increase and improvement of the facilities of the Crossroads Consolidated Sewer District (Meadow Hill Sewer Remediation Project)
Maximum estimated cost:	\$2,508,750
Amount of obligations to be issued:	\$2,508,750 bonds to be reduced by grants-in-aid received
SEQRA status:	Type II Action. 6 NYCRR Part 617.5 (c)(2). SEQRA compliance materials on file in the office of the Town Clerk where they may be inspected during normal office hours by appointment.

#9

STANLEY A. SCHUTZMAN, P.C.
ATTORNEY AT LAW

STANLEY A. SCHUTZMAN

*Please mail correspondence
to Rockland Office.*

VISIT US AT:

Email: Schutzmanlaw@aol.com

ROCKLAND OFFICE:

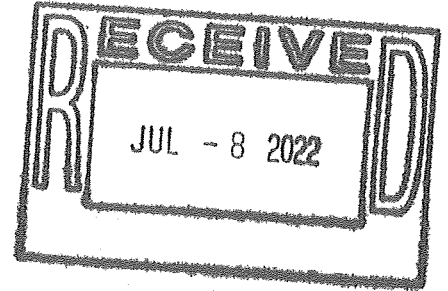
61 South Main Street
Suite 1 – 2nd floor
New City, N.Y. 10956

DUTCHESS OFFICE:

P.O. Box 969
Poughkeepsie, N.Y. 12602

Phone: (845) 600-8LAW (8529)
Fax: (845) 600-1LAW (1529)

Legal Assistant:
DIANA E. FRAILEY



Hand Delivered

July 8, 2022

Hon. Gil Piaquadio
Supervisor
Town of Newburgh
308 Gardnertown Road
Newburgh, New York 12550

Re: Overlook Farms - Town of Newburgh Planning Board (# 2019-23)
Request for Senior Housing Density Modification

Dear Supervisor Piaquadio:

I am writing to you as counsel for Farrell Communities at Overlook Ponds LLC, the Owner and Applicant in respect of its above referenced application for Site Plan approval currently pending before the Town of Newburgh Planning Board.

I am writing this letter to request that the Town Board schedule, at the Town Board's next available work session meeting, discussion and its due consideration of the applicant's request for a senior housing density modification permitted under Newburgh Town Code Section 185-48.

By way of background on July 7, 2022 the Town of Newburgh Planning Board held and closed a public hearing respecting Applicant's above referenced Site Plan application respecting its Overlook Farms development project, and at which time the Planning Board approved the Applicant's request for referral to the Town Board in respect of a senior housing density modification.

The Applicant's application for Site Plan Approval includes the Overlook Farm property generally located at the intersection of Route 9W and Morris Drive, and is with respect to the planned construction of a total of 203 market rate residential apartment housing units of which 23 residential units would be designated for senior market rate housing in accordance with the requirements of the Town of Newburgh Code Section 185-48.

Hon. Gil Piaquadio
Overlook Farms site plan approval
Request for Senior Housing Density Bonus
July 8, 2022 – page 2 of 2

In appreciation of the scheduling of this matter for discussion at the next available work session meeting agenda of the Newburgh Town Board so that a more complete presentation and discussion can be held, and thanking you and the Town Board members in advance for your due consideration of my client's request, I am

Sincerely yours,



Stanley A. Schutzman

Copies to: Mark C. Taylor, Esq. (via email: MTaylor@riderweiner.com)
Dominic Cordisco, Esq. (via email: dcordisco@drakeloeb.com)
client

#10A



TOWN OF NEWBURGH RECREATION DEPARTMENT

311 ROUTE 32, NEWBURGH, NY 12550

Jim Presutti

Commissioner of Parks, Recreation & Conservation

845-564-7815

FAX: 845-564-7827

TO: Gil Piaquadio, Supervisor
Town Board Members

FROM: Jim Presutti, Commissioner

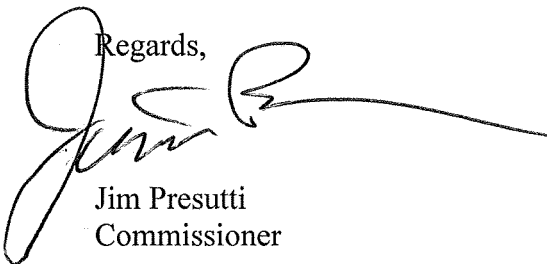
DATE: August 8, 2022

RE: Trolley Request

We are submitting for your approval the attached letter from the Coldenham Fire Company Ladies Auxiliary requesting the use of the trolley for the Montgomery Day Parade currently scheduled for Saturday, September 10th.

Thank you for your consideration.

Regards,



Jim Presutti
Commissioner



**The Coldenham Fire Company, Inc. Ladies
Auxiliary**

*511 Coldenham Road
Walden, NY 12586
(845) 564-0438*

June 27, 2022

Newburgh Recreation Center
c/o Commissioner Jim Presutti
311 Route 32
Newburgh, NY 12550

Dear Commissioner Presutti:

I am the Captain of the Coldenham Fire Company, Inc. Ladies Auxiliary. When our department held their 75th Anniversary Parade, our organization borrowed a trolley from the Recreation Center. We also borrowed a trolley for the Montgomery Day parade in 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2018, 2019, and 2021.

We were wondering if we could once again borrow the trolley to use in the Montgomery Day Parade, September 10, 2022. Line-up starting at 9:30 and step-off at 10:30. We have a number of ladies from our organization that would like to be in the parade but are unable to walk the distance. We are making this request with the parade still being scheduled at this time. If it were to be cancelled, we will let you know as soon as possible.

Thanking you in advance for your time and consideration. Kindly let me know of your decision in this matter.

I can be reached at:

Kathleen Gasperetti
444 Coldenham Road,
Walden, NY 12586
845-564-7882

Sincerely,

Kathleen J. Gasperetti
Captain, Coldenham Fire Company Ladies Auxiliary

#103

QuES&T

Quality Environmental Solutions & Technologies, Inc.

May 5, 2022

Town of Newburgh
311 Route 32
Newburgh, NY 12550

ATTN: Gil Piaquadio – Supervisor

Via E-mail: supervisor@townofnewburgh.org

Re.: Town of Newburgh – Desmond Estate – Exterior Repainting Project
Request for Proposal – Limited Asbestos & Lead Bulk Sample Survey

Dear Mr. Piaquadio,

Thank you for the opportunity to discuss your needs in the environmental consulting and remediation services. Quality Environmental Solutions & Technologies, Inc. is pleased to submit the attached proposal to support the above referenced project. QuES&T offers a wide range of environmental consulting, training, testing and "Turn-Key" Remediation Project services to the public and private commercial-industrial business sector.

QuES&T is a NYS Certified Minority Business Enterprise committed to remaining a leader in the environmental training and technical consulting industry. QuES&T's extensive Nuclear Power Industry experience makes us uniquely qualified to provide technical support in state-of-the-art techniques for engineering and contamination control. Additionally, this experience enables us to integrate the essential concepts of "critical path" schedules and minimizing personnel exposures while maintaining a high level of attention to the specific details of each project. QuES&T personnel satisfy numerous ANSI and NUREG experience requirements of the Nuclear Regulatory Commission. Our staff has served in various capacities in the Health Physics and Nuclear Engineering disciplines in operational power reactors, nuclear powered vessels, radio-pharmaceuticals and government prototypes.

We are confident you recognize that selection of a qualified technical consultant for professional services, such as pre-construction inspection, project design, project management and air monitoring, represents a step as critical as selecting a reputable environmental remediation contractor. QuES&T feels strongly that the success of any remediation project is defined primarily in the planning and design phase. A technically sound project design combined with proper oversight provides the most cost-effective solution and ensures the gains recognized are not at the expense of future liability to your company.

In this regard, QuES&T has successfully completed remediation projects, for our client companies, in support of Nuclear and Fossil commercial power plant maintenance outages, facility renovation and demolition, cGMP facility upgrades, recovery from contamination following catastrophic events (e.g. steam line explosions, fires), school building renovations, Corporate asbestos management programs, facility Operations & Maintenance (O&M) programs, UST removals, sub-surface investigations, contaminated soil remediation, LBP stabilization and commercial/residential asbestos & lead abatements.

1376 Route 9, Wappingers Falls, NY 12590 Phone (845) 298-6031 Fax (845) 298-6251

NYS MWBD MBE Cert # 49952-2006 NYSUCP DBE Certified NJUCP DBE Certified www.Qualityenv.com

Technical consulting services are available in the area of regulatory compliance audits, OSHA safety, air monitoring, respiratory protection, laboratory services, building hazard assessments (EPA, HUD, commercial), LBP Risk Assessments, management plans, NYS/NESHAP pre-demolition inspections and full scope project management; including development of remediation response actions and management of all required project and personnel records. Our staff of experienced environmental professionals can prepare all required specifications and procedures to ensure your programs comply with federal, state and municipal regulatory requirements.

QuES&T offers a wide range of OSHA and environmental safety training. Our full range of asbestos safety certification training ensures that our client's employees receive the appropriate training to maximize their safety and minimize your liability. QuES&T offers accredited initial and refresher training programs for Operations & Maintenance (O&M), Asbestos Abatement Workers and Supervisors, Project Monitors, Asbestos Project Sampling Technicians (RH-II), Asbestos Project Designers, Asbestos Inspectors (RH-III) and Management Planners. Our accredited training facility (EPA, NYS) contains the most modern equipment to support the hands-on portion of each training program. On-site training services are available for groups of at least twenty-five students and can be tailored to meet your specific needs.

QuES&T provides a full range of services in the area of Respiratory Protection. Our technical staff has extensive experience in the development of regulatory compliance programs for NUREG 0041 and OSHA 1910.134 Respiratory Protection Programs. Quantitative or qualitative respirator fit services can be provided at QuES&T's facility or yours.

For additional information concerning any of our services, please contact me. We look forward to working with you in the environmental consulting and remediation services area.

Sincerely,



Larry Goldstein

Project Manager, Field & Technical Services
NYS/AHERA Supervisor/Project Monitor/
Air Sample Technician/Inspector/Project Designer/
Management Planner Cert. #AH 12-20855
NYS Mold Assessor Cert. # MA01428
NYC DEP Investigator Cert. #143355

PROJECT MONITORING
for
Town of Newburgh
311 Route 32
Newburgh, NY 12550
at
Desmond Estate
6 Albany Post Road
Newburgh, New York 12550

QuES&T to provide the following services:

Abatement Management and Monitoring

Supervision of Abatement Activities (IH Project Monitor Technician)

- Perform project monitoring, inspection and acceptance of the work.
- Provide coordination to ensure timely completion of the removal.
- Review construction phasing plans and assist in the coordination of the activities of the various contractors and building occupants to ensure compliance with applicable federal, state and municipal regulatory requirements and bid specifications.

Complete work step lists and documentation packages for final closeout.

Abatement Management and Monitoring

The following is a cost estimate to perform Abatement Monitoring for the scraping and repainting project. These cost estimates are provided strictly for budgeting purposes. They assume particular work practices and grouping of contiguous work areas to minimize set-up and duration. Actual project costs may vary significantly based on factors such as abatement crew size, overtime work, division of work areas and duration.

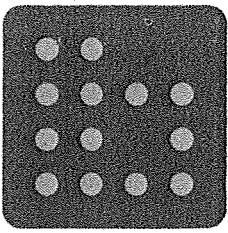
The assumptions utilized by QuES&T in developing these estimates were as follows:

- If any exterior non-friable abatement should occur *QuES&T* will perform all abatement monitoring in compliance with Title 12 NYCRR Rule 56; Subpart 56-4 and any NYS DOL Applicable Variance or Site-Specific Variances utilized in the conduct of this project.

Excluded from this proposal:

- NYSDOL Asbestos Variances
- Air Sampling for Asbestos or Lead removals
- Overtime, weekend, and holidays

Client will be invoiced for actual services rendered.



beam

ENTERPRISES, INC.

Main Office:
3 Contorino Way, Building 2
Chester, NY 10918
p. 914.617.7699
f. 917.720.9969

August 8, 2021

Gil Piaquadio
Town Supervisor
1496 Route 300
Newburgh, NY 12550

Ref: Desmond House, 6 Albany Post Road, Newburgh, NY 12550

Subject: lead abatement proposal for repaint project.

Beam Enterprises, Inc. is pleased to submit the following firm proposal asbestos abatement at the above referenced address. We propose to perform the removal and disposal of the following asbestos containing materials as identified in the specifications and site visit as follows:

SCOPE

- 1) Scrape all loose and flaking lead base paint, both green and white, including window frames.
- 2) Properly Dispose of all waste.
- 3) Paint all scraped surfaces with a lead blocking paint.

PRICE BREAKDOWN:

Lump Sum \$188,500.00

General Clarifications

1. All labor (prevailing wage), materials, equipment, and sub-contractors to complete the work in a safe and clean manner
2. Waste Hauling and legal disposal of all waste generated by BEAM. Waste manifests for the disposal of the hazardous regulated materials will be provided in the closeout documents.
3. Insurance limits of 1MM/2MM with a 5MM umbrella included. State of New York Workmen's Compensation Insurance with statutory limits.
4. All work to be performed following NYSDOL and USEPA regulations. Notifications to the regulatory authorities will be executed including all associated fees to be paid by Beam Enterprises, Inc. if required.
5. Unimpeded ingress and egress shall be accomplished by the owner/others. Areas must be cleared to provide non-restricted access to all removal zones. Including the trimming of existing trees and shrubs.
6. Access to electrical power and water shall be provided by the owner/others. Connections for the electric will be made by Owner's/GC's. Water connection should be from a standard spigot or hose connection.

7. Third party air monitoring to be performed by the owner, if required
8. Additional material quantities in excess of the amounts identified in this proposal are not included. Scope of work is limited to description identified in this proposal.
9. Proposal is based upon mutually agreeable contract, defined scope (agreed to) and payment terms. Costs for collection of outstanding balances including reasonable legal fees or other associated costs and interest ("Collection Costs") are reimbursable Beam.
10. Pricing does not include sales tax. If applicable, a completed Certificate of Capital Improvement or NYS tax exemption form signed by the property's owner or tenant must be submitted with payment or sales tax will be charged.

SITE SPECIFIC CLARIFICATIONS

1. Price is based on reasonable access & storage for equipment and material.
2. Work to be performed during normal day work hours, Monday through Friday.
3. All mark outs, disconnects, temp heating, shoring, patching or repairs to be performed by others at no cost to BEAM.
4. Weather protection provide by others at no cost to BEAM if required.
5. Lead blocker paint to be provided by owner.
6. Work to be completed prior to winter conditions.
7. Lead blocker paint to be provided by others at no cost to Beam.
8. No Bond required.
9. Allowances are not included.

Sincerely,

Beam Enterprises, Inc.

Michael R. Adams

Michael R. Adams

ACCEPTED: _____

NAME: _____

TITLE _____ Date: _____

Day One



Custom Painting

& Restoration

Over 30 years experience

PROPOSAL

Greg Paschall
18 Merritt Lane
Middlehope, NY 12550

Tax ID # 753212735

845-728-5477

**ATTENTION: TOWN OF NEWBURGH -
DESMOND ESTATE : DESCRIPTION:
PUTTY ANY HOLES IN
SIDING,FACIA,SOFFITS, PORCH
CEILING, PORCH POSTS,WINDOW
TRIM,DOOR TRIM AND OTHER
PAINABLE AREAS. PREPARE ALL THE
ABOVE AREAS ON EXTERIOR OF
BUILDING. CAULK ANY HOLES, SEAMS,
CRACKS, VOIDS AND OPEN AREAS
THAT ARE NEEDED. (only the window
trim is being top coated at this time. The lead
abatement company will be priming the
window frames and inside the window.
Because each window is painted shut, and**

will need attention, reglazing and repairs before most will open. Top coating the windows before that time will only add to the problem. **PREP AND CLEAN FOR PAINTING AND THEN PRIME AND SEAL ALL THE ABOVE AREAS. PAINT USING BENJAMIN MOORE REGAL SELECT, SELF BUILDING, LOW LUSTRE SATIN, HISTORIC PAINT.** The building has been neglected, so multiple coats will be necessary along with careful prepping. The siding will need 3 +, as well as the trim etc. There are a few sections of the house where the siding is damaged. At this time we should prep and coat those areas to protect them for now. In the future we can re-side with the exact shingles in those areas. This does not include any painting of metal objects, concrete, foundations, decking or flooring. **CLEAN ALL AFFECTED AREAS. PRICE: \$ 83,700 (INCLUDES ALL LABOR) CUSTOMER SUPPLIES ALL MATERIALS)**

DAY ONE CARES ABOUT QUALITY, AND IT SHOWS!!!

#10C



TOWN OF NEWBURGH RECREATION DEPARTMENT

311 ROUTE 32, NEWBURGH, NY 12550

Jim Presutti

Commissioner of Parks, Recreation & Conservation

845-564-7815

FAX: 845-564-7827

TO: Gil Piaquadio, Supervisor
Town Board Members

FROM: Jim Presutti, Commissioner

CC: Ronald Clum, Accounting

DATE: August 10, 2022

RE: 2022 Interfund Transfer – Recreation Department

As you are aware, we are having difficulty ordering a truck with plow attachment due to supply chain issues and will be unable to secure this purchase in the current 2022 budget at \$45,000 as appropriated.

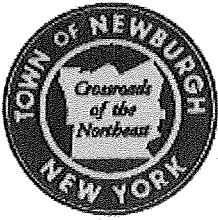
Upon discussing this situation with Ron Clum, he has suggested we do a budget transfer taking the allocated money from our equipment line (A.7110.5200) and moving it to the interfund transfer lines (A.9902.5900).

We would like to transfer \$45,000 from the General Fund to the Capital Fund – General – Equipment (H.9103) to secure the money to purchase this piece of equipment in 2023 as the likelihood of us acquiring and ultimately purchasing by the end of the year is unlikely.

Regards,

Jim Presutti
Commissioner

#11A



TOWN OF NEWBURGH ANIMAL CONTROL & SHELTER

645 GIDNEY AVE. NEWBURGH, NY 12550

(845)561-3344

FAX: (845) 561-2220

To: Town Board

From: Tracey Carvell, Animal Control

Subject: Authorization to pay Vet Services Utilizing T-94 Account

Date: 8.10.22

I am requesting authorization to use the T-94 account to pay for Vet service:

F.A.H.

*Totaling: \$ 128.74

Canine: \$ 128.74

Feline: \$

Other: \$

TOWN OF NEWBURGH

1486 ROUTE 300
NEWBURGH, N.Y. 12550

VOUCHER *D# 65047*

TOWNAC

DEPARTMENT

CLAIMANT'S
NAME
AND
ADDRESS

VCA Flannery Animal Hospital
789 Little Britain Road
New Windsor, NY 12553

Order No.

DO NOT WRITE IN THIS BOX

Date Voucher Received		FUND - APPROPRIATION	AMOUNT		VOUCHER NO.	
						VOUCHER NO.
TOTAL						
Abstract No.						

TERMS

July 2022 vouchers

Vendor's
Ref. No.

Date	Quantity	Description of Materials or Services	Unit Price	Amount
7-30-22	<i>TR0# 946 960 318</i>	<i>2022-7-31 TAN Yorkie</i>		<i>103.97</i>
7-20-22	<i>TR0# 946 958 258</i>	<i>7-19-22 PITBULL (M) BIKI WHT</i>		<i>24.77</i>
(See Instructions on Reverse Side)			TOTAL	<i>128.74</i>

CLAIMANT'S CERTIFICATION

Jean Tobin

I, *Jean Tobin*, certify that the above account in the amount of \$ *128.74* is true and correct; that the items, services and disbursements charged were rendered to or for the municipality on the dates stated; that no part has been paid or satisfied; that taxes, from which the municipality is exempt, are not included; and that the amount claimed is actually due.

8-3-22
DATE

Jean Tobin
SIGNATURE

Acct Manager
TITLE

(Space Below for Municipal Use)

DEPARTMENT APPROVAL

The above services or materials were rendered or furnished to the municipality on the dates stated and the charges are correct.

8/3/22
DATE

[Signature]
AUTHORIZED OFFICIAL

APPROVAL FOR PAYMENT

This claim is approved and ordered paid from the appropriations indicated above.



VCA Flannery Animal Hospital PC
789 Little Britain Rd. | New Windsor, NY 12553 | (845) 565 - 7387

Dr. Osepa | Date: 8/2/2022 at 07:39 | Invoice: 946960318 | Cashier: Jean T

Client

Town Of Newburgh 2022 Animal Control (#65047)

645 Gidney Ave
Newburgh, NY 12550

Patient

2022-7-31 Tan Yorkie (#147050)

Species: Canine (Terrier, Yorkshire)
Sex: Male Neutered | Color: Brown And Black
Birth: | Age: | Weight: 6 lb

Detailed Visit Information

Date	Description	Qty	Price	Discount	Tax	Total Price
7/30/2022	Boarding Animal Control	1.00	\$39.60		\$0.00	\$39.60
7/31/2022	Boarding Animal Control	1.00	\$39.60		\$0.00	\$39.60
8/1/2022	Boarding Go Home Day	1.00	\$0.00		\$0.00	\$0.00
	Rabies Vaccine 1yr Canine	1.00	\$49.55	-\$24.78	\$0.00	\$24.77

Subtotal: **\$103.97**

Discounts	Shelters/PetStore	-\$24.78
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A Message from VCA

myVCA app is your tailor-made guide to raising a healthy and happy pet.

Invoice Summary

Patient Name	Total Price	Total Discount	Total Tax	Total Due
2022-7-31 Tan Yorkie	\$128.75	-\$24.78	\$0.00	\$103.97

Prev Balance:	\$294.73
Total Due:	\$103.97
Amount Paid:	\$0.00
Amount Due:	\$103.97

For information on how we collect and use information about you and your pet, and how you may opt-out of some uses, please see our Privacy Policy at vcahospitals.com/privacy-policy.

Thank you for trusting us with your pet's care. Your friends at VCA Flannery Animal Hospital PC.



VCA Flannery Animal Hospital PC
789 Little Britain Rd. | New Windsor, NY 12553 | (845) 565 - 7387

Dr. Keller | Date: 7/21/2022 at 07:21 | Invoice: 946958258 | Cashier: Jean T

Client

Town Of Newburgh 2022 Animal Control (#65047)

645 Gidney Ave
Newburgh, NY 12550

Patient

7-19-22 Pitbull (#146739)

Species: Canine (Pitbull Mix)

Sex: Male Intact | Color: Black And White

Birth: | Age: | Weight: 76.50 lb

Detailed Visit Information

Date	Description	Qty	Price	Discount	Tax	Total Price
7/20/2022	Exam/Consultation Well Patient	1.00	\$85.00	-\$85.00	\$0.00	\$0.00
	Rabies Vaccine 1yr Canine	1.00	\$49.55	-\$24.78	\$0.00	\$24.77

Subtotal: \$24.77

Discounts	Shelters/PetStore	-\$24.78
-----------	-------------------	----------

A Message from VCA

myVCA app is your tailor-made guide to raising a healthy and happy pet.

Invoice Summary

Patient Name	Total Price	Total Discount	Total Tax	Total Due
7-19-22 Pitbull	\$134.55	-\$109.78	\$0.00	\$24.77

Prev Balance:	\$117.84
Total Due:	\$24.77
Amount Paid:	\$0.00
Amount Due:	\$24.77

For information on how we collect and use information about you and your pet, and how you may opt-out of some uses, please see our Privacy Policy at vcahospitals.com/privacy-policy.

Thank you for trusting us with your pet's care. Your friends at VCA Flannery Animal Hospital PC.

#11B



TOWN OF NEWBURGH ANIMAL CONTROL & SHELTER

645 GIDNEY AVE. NEWBURGH, NY 12550

(845)561-3344

FAX: (845) 561-2220

To: Town Board

From: Tracey Carvell, Animal Control

Subject: Authorization to pay Vet Services Utilizing T-94 Account

Date: 8.10.22

I am requesting authorization to use the T-94 account to pay for Vet service: T.A.R.A.

*Totaling: \$ 156.00

Canine: \$

Feline: \$ 156.00

Other: \$

TOWN OF NEWBURGH

1496 Route 300
Newburgh, New York 12550
(845) 564-5220

DEPARTMENT Animal Control

CLAIMANT'S NAME AND ADDRESS
The Animal Rights Alliance, Inc. (TARA)
P. O. Box 185
Warwick, NY 10990
(845-343-1000)

TERMS _____

DO NOT WRITE IN THIS BOX

Date Voucher Received		VOUCHER NO.
FUND - APPROPRIATION	AMOUNT	
Total		
Abstract #		

Invoice # 127908

Dates	Quantity	Description of Materials or Services	Unit Price	Amount
8/1/22		See attached invoice #127908 - replaces previously mailed invoice #127687		\$156.00
			TOTAL	\$156.00

CLAIMANT'S CERTIFICATION

I Suzanne Krump certify that the above account in the amount of \$ 156.00 is true and correct; that the items, services and disbursements charged were rendered to or for the municipality on the dates stated; that no part has been paid or satisfied, that taxes, from which the municipality is exempt, are not included; and that the amount claimed is actually due

08/10/22
DATE

Suzanne Krump
SIGNATURE

Bookkeeper
TITLE

(Space below for municipal use)

DEPARTMENT APPROVAL

The above services or materials were rendered or furnished to the municipality on the dates stated and the charges are correct.

Date

Authorized Official

APPROVAL FOR PAYMENT

This claim is approved and ordered for paid from the appropriations indicated above

Date

Auditing Board

INVOICE

The Animal Rights Alliance, Inc. (TARA)

60 Enterprise Place
 Middletown, NY 10941
 845-343-1000

Low-Cost Spay/Neuter Clinic

FOR: Town of Newburgh Animal Control
 645 Gidney Ave
 Newburgh, NY 12250
 (845) 561-3344

Printed: 08-10-22 at 2:04p
Date: 08-01-22
Account: 9241
Invoice: 127908

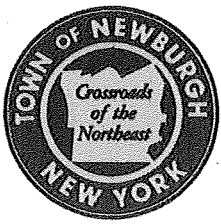
Date	For	Qty	Description	Price/Item	Net Price
08-01-22	Limberly	1	FVRCP Distemper Vaccination, Feline		15.00
08-01-22		1	Revolution Plus, applied		18.00
08-01-22		1	Already Spayed, Feline		0.00
08-01-22		1	Already Spayed, Opened&Tattooed, Feline		45.00
08-01-22		1	Rabies Vaccination, 1 Year		0.00
08-01-22		1	Penicillin-G		0.00
08-01-22		1	Ear Cleaning		0.00
08-01-22		1	Nail Trim		0.00
08-01-22		1	TECHNICIAN NOTES:		0.00
08-01-22		1	WEIGHT UPDATE		0.00
08-01-22		1	Free Roaming (Stray or Feral)		0.00
08-01-22		Rose	1	Ovariohysterectomy, Feline	
08-01-22			TECHNICIAN NOTES:		0.00
08-01-22	1		Penicillin-G		0.00
08-01-22	1		Nail Trim		0.00
08-01-22	1		Ear Cleaning		0.00
08-01-22	1		WEIGHT UPDATE		0.00
08-01-22	1		Rabies Vaccination, 1 Year		0.00
08-01-22	1		FVRCP Distemper Vaccination, Feline		15.00
08-01-22	1		Free Roaming (Stray or Feral)		0.00
08-01-22	1	Revolution Plus Orange (5.6-11 lbs)	18.00/DOSE	18.00	

Old balance	Charges	Payments	New balance
740.00	156.00	0.00	896.00

If your pet received any of the following vaccines for the first time today, they will need a booster shot in 3 weeks. Distemper, feline leukemia, leptospirosis or a lyme vaccine

COPIES

#11C



TOWN OF NEWBURGH ANIMAL CONTROL & SHELTER

645 GIDNEY AVE. NEWBURGH, NY 12550

(845)561-3344

FAX: (845) 561-2220

To: Town Board

From: Tracey Carvell, Animal Control

Subject: Authorization to pay Vet Services Utilizing T-94 Account

Date: 8.11.22

I am requesting authorization to use the T-94 account to pay for Vet service: *Middlebush Vet Hospital*

*Totaling: \$ *86.50*

Canine: \$ *86.50*

Feline: \$

Other: \$

TOWN OF NEWBURGH

1496 Route 300
Newburgh, New York 12550
(845) 564-5220

DEPARTMENT Animal Control

CLAIMANT'S NAME AND ADDRESS
Middlehope Vet Hospital
5349 Route 9W
Newburgh NY 12550

TERMS _____

DO NOT WRITE IN THIS BOX

Date Voucher Received		VOUCHER NO.
FUND - APPROPRIATION	AMOUNT	
Total		
Abstract #		

Invoice # _____

Dates	Quantity	Description of Materials or Services	Unit Price	Amount
8-11-22	300	Doxycycline		86.50
			TOTAL	86.50

CLAIMANT'S CERTIFICATION

I _____ certify that the above account inf the amount of \$ _____ is true and correct; that the items, services and disbursements charged were rendered to or for the municipality on the dates stated; that no part has been paid or satisfied; that taxes, from which the municipality is exempt, are not included; and that the amount claimed is actually due.

DATE _____ SIGNATURE _____ TITLE _____
(Space below for municipal use)

DEPARTMENT APPROVAL

The above services or materials were rendered or furnished to the municipality on the dates stated and the charges are correct.

8.11.22
Date
[Signature]
Authorized Official

APPROVAL FOR PAYMENT

This claim is approved and ordered for paid from the appropriations indicated above

Date
Auditing Board

11.15lb

No upcoming appointments

N/A

36-22 Fergette

Current Weight:
10.09lb

Next Appointment:
No upcoming appointments

Due Soon:
N/A

Today's visit

Description	Patient	Date	Quantity	Cost
Doxycycline 50mg	35-22 Houdini	8/5/2022	30	\$19.30
Doxycycline 50mg	36-22 Fergette	8/5/2022	30	\$19.30
Doxycycline 50mg	39-22 Tally	8/5/2022	30	\$19.30
Doxycycline 50mg	41-22 Cruiser	8/5/2022	60	\$28.60
Doxycycline 50mg	43-22 Bella	8/5/2022	30	\$19.30
Doxycycline 50mg	44-22 Fergie	8/5/2022	30	\$19.30
Doxycycline 50mg	45-22 Four Paws	8/5/2022	30	\$19.30
Doxycycline 50mg	47-22 Bruiser	8/5/2022	60	\$28.60

Subtotal	\$173.00
Sales Tax	\$0.00
Discount	-\$86.50
Total	\$86.50
Amount Paid	\$0.00
Amount Due	\$86.50

COPIED

#11 D



TOWN OF NEWBURGH ANIMAL CONTROL & SHELTER

645 GIDNEY AVE. NEWBURGH, NY 12550

(845)561-3344

FAX: (845) 561-2220

To: Town Board

From: Tracey Carvell, Animal Control

Subject: Authorization to pay Vet Services Utilizing T-94 Account

Date: 8/16/22

I am requesting authorization to use the T-94 account to pay for Vet service: *Middlehope Vet Hosp.*

*Totaling: \$ *1,838.10*

Canine: \$ *1,838.10*

Feline: \$

Other: \$

TOWN OF NEWBURGH

1496 Route 300
Newburgh, New York 12550
(845) 564-5220

DEPARTMENT Animal Control

CLAIMANT'S NAME AND ADDRESS
Middlehope Veterinary Hospital
5349 Route 9W
Newburgh NY 12550

TERMS _____

DO NOT WRITE IN THIS BOX

Date Voucher Received		VOUCHER NO.
FUND - APPROPRIATION	AMOUNT	
Total		
Abstract #		

Invoice # _____

Dates	Quantity	Description of Materials or Services	Unit Price	Amount
8-4-22		Invoice # 330643355 (13 dog Seizure - vet evaluations + vaccines)		1,838.10
TOTAL				1,838.10

CLAIMANT'S CERTIFICATION

I _____ certify that the above account inf the amount of \$ _____ is true and correct; that the items, services and disbursements charged were rendered to or for the municipality on the dates stated; that no part has been paid or satisfied; that taxes, from which the municipality is exempt, are not included; and that the amount claimed is actually due.

DATE _____ SIGNATURE _____ TITLE _____
(Space below for municipal use)

DEPARTMENT APPROVAL

The above services or materials were rendered or furnished to the municipality on the dates stated and the charges are correct.

APPROVAL FOR PAYMENT

This claim is approved and ordered for paid from the appropriations indicated above

8/10/22



Date

Authorized Official

Date

Auditing Board

Middlehope Veterinary Hospital

5349 Route 9W Newburgh, NY 12550
(845) 562-7861
middlehopevet@gmail.com



Owner: **Town of Newburgh**
Town of Newburgh
Phone: **(845) 561-3344**
Email: **(None listed)**
Address: **645 Gidney Ave**
Newburgh NY 12550

Invoice Status: **Due**
Invoice No.: **330643355**
Invoice Date: **August 4, 2022**

Invoice

47-22 Bruiser

Current Weight:
14.03lb

Next Appointment:
No upcoming appointments

Due Soon:
N/A

46-22 Arrr

Current Weight:
13.03lb

Next Appointment:
No upcoming appointments

Due Soon:
N/A

45-22 Four Paws

Current Weight:
10.14lb

Next Appointment:
No upcoming appointments

Due Soon:
N/A

44-22 Fergie

Current Weight:
13.04lb

Next Appointment:
No upcoming appointments

Due Soon:
N/A

43-22 Bella

Current Weight:
9.10lb

Next Appointment:
No upcoming appointments

Due Soon:
N/A

42-22 Barge

Current Weight:
14.07lb

Next Appointment:
No upcoming appointments

Due Soon:
N/A

41-22 Cruiser

Current Weight:

Next Appointment:

Due Soon:

COPIED

14.11lb No upcoming appointments N/A

40-22 Daisy

Current Weight: 8.14lb Next Appointment: No upcoming appointments Due Soon: N/A

39-22 Tally

Current Weight: 11.15lb Next Appointment: No upcoming appointments Due Soon: N/A

38-22 Rosie (pregnant)

Current Weight: 11.11lb Next Appointment: No upcoming appointments Due Soon: N/A

37-22 Coco

Current Weight: 7.09lb Next Appointment: No upcoming appointments Due Soon: N/A

36-22 Fergette

Current Weight: 10.09lb Next Appointment: No upcoming appointments Due Soon: N/A

35-22 Houdini

Current Weight: 8.08lb Next Appointment: No upcoming appointments Due Soon: N/A

Today's visit

Description	Patient	Date	Quantity	Cost
VACCINE EXAM	35-22 Houdini	8/3/2022	1	\$75.00
Rabies Vaccine Canine	35-22 Houdini	8/3/2022	1	\$45.06
Canine Distemper Vaccine	35-22 Houdini	8/3/2022	1	\$46.58
Medical Waste Fee	35-22 Houdini	8/3/2022	1	\$7.56
4DX- Annual	35-22 Houdini	8/3/2022	1	\$109.28

VACCINE EXAM	36-22	8/3/2022	1	\$75.00
	Fergette			
Rabies Vaccine Canine	36-22	8/3/2022	1	\$45.06
	Fergette			
Canine Distemper Vaccine	36-22	8/3/2022	1	\$46.58
	Fergette			
Medical Waste Fee	36-22	8/3/2022	1	\$7.56
	Fergette			
4DX- Annual	36-22	8/3/2022	1	\$109.28
	Fergette			
VACCINE EXAM	37-22 Coco	8/3/2022	1	\$75.00
Rabies Vaccine Canine	37-22 Coco	8/3/2022	1	\$45.06
Canine Distemper Vaccine	37-22 Coco	8/3/2022	1	\$46.58
Medical Waste Fee	37-22 Coco	8/3/2022	1	\$7.56
4DX- Annual	37-22 Coco	8/3/2022	1	\$109.28
VACCINE EXAM	38-22 Rosie	8/3/2022	1	\$75.00
	(pregnant)			
4DX- Annual	38-22 Rosie	8/3/2022	1	\$109.28
	(pregnant)			
Medical Waste Fee	38-22 Rosie	8/3/2022	1	\$7.56
	(pregnant)			
Junior Diagnostic Blood Screen	38-22 Rosie	8/4/2022	1	\$82.60
	(pregnant)			
VACCINE EXAM	39-22 Tally	8/3/2022	1	\$75.00
Rabies Vaccine Canine	39-22 Tally	8/3/2022	1	\$45.06
Canine Distemper Vaccine	39-22 Tally	8/3/2022	1	\$46.58
Medical Waste Fee	39-22 Tally	8/3/2022	1	\$7.56
4DX- Annual	39-22 Tally	8/3/2022	1	\$109.28
VACCINE EXAM	40-22 Daisy	8/3/2022	1	\$75.00
Rabies Vaccine Canine	40-22 Daisy	8/3/2022	1	\$45.06
Canine Distemper Vaccine	40-22 Daisy	8/3/2022	1	\$46.58
Medical Waste Fee	40-22 Daisy	8/3/2022	1	\$7.56
4DX- Annual	40-22 Daisy	8/3/2022	1	\$109.28
VACCINE EXAM	41-22 Cruiser	8/3/2022	1	\$75.00
Rabies Vaccine Canine	41-22 Cruiser	8/3/2022	1	\$45.06
Canine Distemper Vaccine	41-22 Cruiser	8/3/2022	1	\$46.58
Medical Waste Fee	41-22 Cruiser	8/3/2022	1	\$7.56
4DX- Annual	41-22 Cruiser	8/3/2022	1	\$109.28
VACCINE EXAM	42-22 Barge	8/3/2022	1	\$75.00
Rabies Vaccine Canine	42-22 Barge	8/3/2022	1	\$45.06
Canine Distemper Vaccine	42-22 Barge	8/3/2022	1	\$46.58
Medical Waste Fee	42-22 Barge	8/3/2022	1	\$7.56
4DX- Annual	42-22 Barge	8/3/2022	1	\$109.28
VACCINE EXAM	43-22 Bella	8/3/2022	1	\$75.00
Rabies Vaccine Canine	43-22 Bella	8/3/2022	1	\$45.06
Canine Distemper Vaccine	43-22 Bella	8/3/2022	1	\$46.58
Medical Waste Fee	43-22 Bella	8/3/2022	1	\$7.56
4DX- Annual	43-22 Bella	8/3/2022	1	\$109.28
VACCINE EXAM	44-22 Fergie	8/3/2022	1	\$75.00
Rabies Vaccine Canine	44-22 Fergie	8/3/2022	1	\$45.06

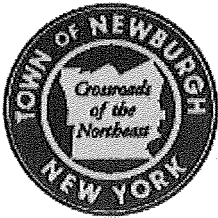
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Canine Distemper Vaccine	44-22 Fergie	8/3/2022	1	\$46.58
Medical Waste Fee	44-22 Fergie	8/3/2022	1	\$7.56
4DX- Annual	44-22 Fergie	8/3/2022	1	\$109.28
VACCINE EXAM	45-22 Four	8/3/2022	1	\$75.00
	Paws			
Rabies Vaccine Canine	45-22 Four	8/3/2022	1	\$45.06
	Paws			
Canine Distemper Vaccine	45-22 Four	8/3/2022	1	\$46.58
	Paws			
Medical Waste Fee	45-22 Four	8/3/2022	1	\$7.56
	Paws			
4DX- Annual	45-22 Four	8/3/2022	1	\$109.28
	Paws			
VACCINE EXAM	46-22 Arrr	8/3/2022	1	\$75.00
Rabies Vaccine Canine	46-22 Arrr	8/3/2022	1	\$45.06
Canine Distemper Vaccine	46-22 Arrr	8/3/2022	1	\$46.58
Medical Waste Fee	46-22 Arrr	8/3/2022	1	\$7.56
4DX- Annual	46-22 Arrr	8/3/2022	1	\$109.28
VACCINE EXAM	47-22 Bruiser	8/3/2022	1	\$75.00
Rabies Vaccine Canine	47-22 Bruiser	8/3/2022	1	\$45.06
Canine Distemper Vaccine	47-22 Bruiser	8/3/2022	1	\$46.58
Medical Waste Fee	47-22 Bruiser	8/3/2022	1	\$7.56
4DX- Annual	47-22 Bruiser	8/3/2022	1	\$109.28

Subtotal	\$3676.20
Sales Tax	\$0.00
Discount	-\$1838.10
Total	\$1838.10
Amount Paid	\$0.00
Amount Due	\$1838.10

100
100
100

#11E



TOWN OF NEWBURGH ANIMAL CONTROL & SHELTER

645 GIDNEY AVE. NEWBURGH, NY 12550

(845)561-3344

FAX: (845) 561-2220

To: Town Board

From: Tracey Carvell, Animal Control

Subject: Authorization to pay Vet Services Utilizing T-94 Account

Date: 8/10/22

I am requesting authorization to use the T-94 account to pay for Vet service: *Montgomery Vet Hosp.*

*Totaling: \$ *153.48*

Canine: \$ *153.48*

Feline: \$

Other: \$

TOWN OF NEWBURGH

1496 Route 300
Newburgh, New York 12550
(845) 564-5220

DEPARTMENT Animal Control

CLAIMANT'S NAME AND ADDRESS
Montgomery Vet Hospital
718 River Rd.
Montgomery NY 12549

TERMS _____

DO NOT WRITE IN THIS BOX

Date Voucher Received		VOUCHER NO.
FUND - APPROPRIATION	AMOUNT	
Total		
Abstract #		

Invoice # _____

Dates	Quantity	Description of Materials or Services	Unit Price	Amount
8/8/22	12	K-9 Frontline (signature dogs)		153.48
			TOTAL	153.48

CLAIMANT'S CERTIFICATION

I _____ certify that the above account inf the amount of \$ _____ is true and correct; that the items, services and disbursements charged were rendered to or for the municipality on the dates stated; that no part has been paid or satisfied; that taxes, from which the municipality is exempt, are not included; and that the amount claimed is actually due.

DATE

SIGNATURE

TITLE

(Space below for municipal use)

DEPARTMENT APPROVAL

The above services or materials were rendered or furnished to the municipality on the dates stated and the charges are correct

APPROVAL FOR PAYMENT

This claim is approved and ordered for paid from the appropriations indicated above

8/10/22

Date



Authorized Official

Date

Auditing Board

Jocelyn Vadala
 4 Gladstone Ave
 Walden, NY 12586
 (845) 551-6877



**MONTGOMERY
 VETERINARY
 HOSPITAL**
 718 River Rd
 Montgomery, NY 12549
 United States
 (845) 457-4082
 montgomeryvethospital@gmail.com

ONLINE STORE: montgomeryveterinaryhospital.vetsfirstchoice.com

Jocelyn Vadala - Invoice Balance - \$153.48 - 8/9/2022

Account Summary

Description	Invoice Total	Amount Paid	Amount Due
8/8/2022 - Invoice # 22854	\$153.48	\$0.00	\$153.48
Total	\$153.48	\$0.00	\$153.48

Invoice Number 22854
 Date 8/8/2022
 Amount Paid \$0.00 / \$153.48

Patient	Provider	Description	Date	Quantity	Subtotal	Tax	Total
Giles	Melissa Grech-Attard, D.V.M.	K9 Frontline Single Dose-5- 22#	8/8/2022	12	\$153.48	0	\$153.48
						Subtotal	\$153.48
						Tax	\$0.00
						Invoice Total	\$153.48
						Amount Paid	\$0.00
						Amount Remaining	\$153.48

Jocelyn Vadala - Invoice Balance - \$153.48 - 8/9/2022 8:07 AM

We know you have a choice in veterinary services. We Thank You for choosing Montgomery Veterinary Hospital. I truly appreciate your business.

PLEASE VISIT OUR ONLINE STORE FOR ALL YOUR MEDICATION NEEDS:
montgomeryveterinaryhospital.vetsfirstchoice.com



#12A

Governor Hochul has signed into law the local option for municipalities to raise the income level for the Senior Citizens Low Income exemption and the Disability exemption to \$50,000. Currently, the Town's income ceiling for each of these exemptions is \$37,399.

My office mails out renewal applications for these exemptions in October. It seems pretty far away, but it isn't. I wanted to make you aware of this option right away.

Thanks very much,

Molly



E. STEWART
Jones Hacker Murphy LLP
 ATTORNEYS & COUNSELORS AT LAW

August 11, 2022

#12B
 Please send all mail to:

SCHENECTADY

MAIN OFFICE:
 28 SECOND STREET
 TROY, NY 12180

200 HARBORSIDE DRIVE, SUITE 300
 SCHENECTADY, NY 12305

511 BROADWAY
 SARATOGA SPRINGS, NY 12866

41 STATE STREET, SUITE 604-05
 ALBANY, NY 12207

PHONE: (518) 274-5820
 FAX: (518) 274-5875

www.joneshacker.com

VIA E-MAIL - mtaylor@riderweiner.com

Mark C. Taylor, Esq.
 Rider, Weiner, Frankel & Calhelha, P.C.
 P.O. Box 2280
 Newburgh, New York 12550

RE: LRW, Inc. v. Town of Newburgh
 Index Nos. EF005473-2019, EF003399-2020, EF004865-2021
 Our File No. 5018.167

Dear Mark:

Attached please find the proposed Consent Order & Judgment relative to the above-referenced proceedings. There are currently three years pending (2019, 2020 and 2021).

The subject parcel is an office building located at 1450 Route 300 (Tax Map #63-1-22.22). There are 2 office buildings (+/- 7,170 each) and a 4,000 sq. foot pole barn used for storage and office space on the property. The FMV is \$2,494,900 in 2019, \$2,682,200 in 2020 and \$2,843,600 in 2021 (assessed value is \$803,320 for all years). After review of the income and expense statements and properties that are similar to the subject property, this settlement was negotiated.

The proposed settlement discontinues the 2019 proceeding and reduces the 2020 assessment of the property to an equalized FMV of \$2,220,367 (AV \$665,000) and the 2021 assessment to an equalized FMV of \$2,176,991 (AV \$615,000). The 2021 assessed value as reduced will be held for 2022, 2023 and 2024 pursuant to RPTL §727, subject to the usual statutory exceptions. After considering the costs of trial-ready appraisals and litigation, we feel that this is a good settlement.

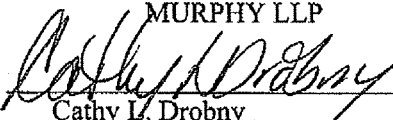
I have attached for your review a copy of the refund liability charts, which show the potential liability versus the proposed settlement refund liability.

We recommend that the Town Board authorize us to enter into this settlement as proposed. Please place this matter on the agenda for the next Newburgh Town Board meeting for approval. Once the Resolution passes, please let me know and I will sign the Order.

Please do not hesitate to contact me if you have any questions.

Very truly yours,

E. STEWART JONES HACKER
 MURPHY LLP

By: 
 Cathy L. Drobny
cdrobny@joneshacker.com
 Direct Dial: (518) 213-0116

CLD:kah
 Attachments
 cc: Molly Carhart, Assessor
 Gilbert Piaquadio, Supervisor

File 0008-0134

At a Special Condemnation and Tax
Certiorari Term of the Supreme Court of the
State of New York, held in and for the County of
Orange, Goshen, New York, on the
day of _____, 20

PRESENT:

HON. E. LOREN WILLIAMS,
Justice.

In the Matter of
LRW, INC.,

**CONSENT ORDER
& JUDGMENT**

Petitioner,

<u>Index No.</u>	<u>Assessment Year</u>
EF005473-2019	2019
EF003399-2020	2020
EF004865-2021	2021

-against-

Tax Map Nos.: 63-1-22.22

THE BOARD OF ASSESSORS AND/OR THE ASSESSOR
OF THE TOWN OF NEWBURGH AND THE BOARD OF
ASSESSMENT REVIEW,

Respondents.

And

NEWBURGH ENLARGED CITY SCHOOL DISTRICT,

Respondent-Intervenor.

The above petitioner having heretofore served and filed the Petitions and Notices to review the tax assessments fixed by the Town of Newburgh for the assessment years 2019 through 2021, upon certain real property constituting the following assessment parcels and designated as Tax Map No. 63-1-22.22, on the official Assessment Map of the Town of Newburgh, and

The issues of these proceedings having duly come on for trial at an IAS Term of this Court, and the petitioner having appeared by JENNIFER D. HOWER, ESQ. of HERMAN KATZ CANGEMI WILKES & CLYNE, LLP, and the respondents having appeared by CATHY L.

DROBNY, ESQ. of E. STEWART JONES HACKER MURPHY LLP and the respondent-intervenor having appeared by STEVEN M. LATINO, ESQ. of SHAW PERELSON MAY & LAMBERT, LLP, and the parties having made their settlement, it is

ORDERED, that the assessments on the above-referenced property be and the same are hereby reduced, corrected and fixed for the assessment year as follows:

ASSESSMENT YEAR	TAX MAP NO.	ORIGINAL ASSESSMENT	REDUCTION	FINAL ASSESSMENT
2019	63-1-22.22	\$803,320	\$ -0-	\$803,320
2020	63-1-22.22	\$803,320	\$138,320	\$665,000
2021	63-1-22.22	\$803,320	\$188,320	\$615,000

and so reduced and confirmed, it is further

ORDERED, ADJUDGED AND DECREED that the officer or officers having custody of the assessment rolls upon which the above-mentioned assessments and any taxes levied thereon are entered shall correct the said entries in conformity with this Order and shall note upon the margin of said rolls, opposite said entries, that the same have been corrected by the authority of this Order, and it is further

ORDERED, that there shall be audited, allowed and paid to the petitioner by the Newburgh Enlarged City School District of the Town of Newburgh, the amount of School taxes paid by the petitioner as taxes against the said erroneous assessments in excess of what the taxes would have been if the said assessments made in the aforesaid years had been determined by this Order, together with interest from the date of payment thereof as provided by statute, and it is further

ORDERED AND DIRECTED, that there shall be audited, allowed and paid to the petitioner by the Orange Lake Fire District, of the Town of Newburgh, the amount of Fire District taxes paid by the petitioner as taxes against the said erroneous assessments in excess of what the taxes would have been if the said assessments made in the aforesaid years had been

determined by this Order, together with interest from the date of payment thereof as provided by statute, and it is further

ORDERED AND DIRECTED that the Commissioner of Finance of the County of Orange, State of New York, be and are hereby directed and authorized to audit, allow and to pay to the petitioner the amount, if any, of State, County, Town, Judiciary, Sewer District and any special taxes paid by the petitioner as taxes against said erroneous assessments in excess of what the taxes would have been if the said assessments had been determined by this Order, together with interest thereon from the date of payment thereof as provided by statute, and it is further

ORDERED AND DIRECTED, that all tax refunds are to be paid with interest pursuant to §726 of the Real Property Tax Law of the State of New York; except that in the event the refund of taxes is paid within ninety (90) days from the date of service of a copy of this judgment with Notice of Entry, then interest is waived; together with the amounts of interest and penalties, if any, paid on the excess of any of the aforesaid taxes by reason of delinquent payment, and it is further

ORDERED AND DIRECTED, that all tax refunds hereinabove directed to be made by respondent, the Town of Newburgh, and/or any of the various taxing authorities, be made by check or draft payable to the order of HERMAN KATZ CANGEMI WILKES & CLYNE, LLP, as attorneys for the petitioner, who are to hold the proceeds as trust funds for appropriate distribution, and who are to remain subject to the further jurisdiction of this Court in regard to their attorney's lien, pursuant to Judiciary Law §475, and it is further

ORDERED AND DIRECTED, that the terms of R.P.T.L. §727 shall apply to this settlement with respect to the 2022, 2023 and 2024 assessments years, and it is further

ORDERED, that this Order hereby constitutes and represents full settlement of each of the tax review proceedings herein, and there are no costs or allowances awarded to, by or against any of the parties, and that upon compliance with the terms of this Order, the above-entitled proceedings be and the same are settled and discontinued.

ENTER,

J.S.C.

**SIGNING AND ENTRY OF THE WITHIN
ORDER IS HEREBY CONSENTED TO:**

E. STEWART JONES HACK MURPHY LLP
Attorneys for Respondents

By: **CATHY L. DROBNY, ESQ.**
200 Harborside Drive, Suite 300
Schenectady, NY 12305
(518) 274-5820
cdrobny@ioneshacker.com

HERMAN KATZ CANGEMI WILKES & CLYNE, LLP
Attorneys for Petitioner



By: **JENNIFER D. HOWER, ESQ.**
538 Broadhollow Road, Suite 307
Melville, NY 11747
(631) 501-5011
jhower@hermankatz.com

SHAW PERELSON MAY & LAMBERT, LLP
Attorneys for Respondent-Intervenor

BY: **STEVEN M. LATINO, ESQ.**
115 Stevens Avenue
Valhalla, NY 10595
(914) 741-9870
slatino@shawperelson.com

IRW Inc. Town of Newburgh

Year	Parcel Number	Assessed Value	Claimed Assessed Value	Eq. Rate	FMV	Claimed FMV	Difference AV and Claimed AV	Tax Rate	Refund Liability
2019	63-1-22-22	\$803,320	\$80,332	32.20%	\$2,494,793	\$249,478	\$722,988	County	11,5799 \$ 8,372.13
								Town	9,656 \$ 6,981.17
								Highway	5,4916 \$ 3,970.36
								Orange lk fire	4,1105 \$ 2,971.84
								Consol lt	0,3605 \$ 260.64
								Consol wtr 1	1,4814 \$ 1,058.57
								Consol wtr 2	2,5223 \$ 1,823.59
								School	72,71954 \$ 52,575.35
								Library	3,438755 \$ 2,486.18
								2020	63-1-22-22
								Town	10,9892 \$ 7,868.30
								Highway	4,7485 \$ 3,433.11
								Orange lk fire	4,114 \$ 2,974.37
								Consol lt	0,3617 \$ 261.50
								Consol wtr 1	1,4841 \$ 1,058.53
								Consol wtr 2	2,5209 \$ 1,822.58
								School	71,885193 \$ 51,972.13
								Library	3,542079 \$ 2,560.88
2021	63-1-22-22	\$803,320	\$80,332	28.25%	\$2,843,611	\$284,361	\$722,988	County	12,1292 \$ 9,769.27
								Town	10,8445 \$ 7,840.44
								Highway	4,7344 \$ 3,422.91
								Orange lk fire	4,2357 \$ 3,062.36
								Consol lt	0,3629 \$ 262.37
								Consol wtr 1	1,4627 \$ 1,057.51
								Consol wtr 2	2,5292 \$ 1,828.58
								School	71,47331 \$ 51,674.35
								Library	3,521783 \$ 2,546.21
2022	63-1-22-22	\$803,320	\$80,332	24.70%	\$3,252,308	\$325,231	\$722,988	County	12,1292 \$ 8,769.27
								Town	10,8445 \$ 7,840.44
								Highway	4,7344 \$ 3,422.91
								Orange lk fire	4,2357 \$ 3,062.36
								Consol lt	0,3629 \$ 262.37
								Consol wtr 1	1,4627 \$ 1,057.51
								Consol wtr 2	2,5292 \$ 1,828.58
								School	71,47331 \$ 51,674.35
								Library	3,521783 \$ 2,546.21
								County	\$ 25,722.47
								Town	\$ 22,679.92
								Highway	\$ 10,826.38
								Orange Lake	\$ 9,008.68
								Consol lt	\$ 784.51
								Consol wtr 1	\$ 3,172.62
								Consol wtr 2	\$ 5,474.76
								School	\$ 156,221.83
								Library	\$ 7,593.27

Tax rates used for 2022 are the tax rates for 2021

LRW Inc. v. Town of Newburgh

Year	Parcel Number	Assessed Value	Reduced Assessed Value	Eq. Rate	FMV	Reduced FMV	Difference AV and Reduced AV	Tax Rate	Refund Liability
2019	63-1-22-22	\$803,320	\$803,320	32.20%	\$2,494,783	\$2,494,783	\$0	County 11.5799 \$ Town 9.658 \$ Highway 5.4916 \$ Orange Lake 4.1105 \$ Consol It 0.3605 \$ Consol wtr 1 1.4814 \$ Consol wtr 2 2.5223 \$ School 72.71954 \$ Library 3.438755 \$	
2020	63-1-22-22	\$803,320	\$665,000	29.95%	\$2,682,204	\$2,220,367	\$138,320	County 11.8689 \$ Town 10.8692 \$ Highway 4.7485 \$ Orange Lake 4.114 \$ Consol It 0.3617 \$ Consol wtr 1 1.4641 \$ Consol wtr 2 2.5209 \$ School 71.885193 \$ Library 3.542079 \$	1,641.71 1,503.43 656.81 589.05 50.03 202.51 348.69 9,943.16 489.94
2021	63-1-22-22	\$803,320	\$615,000	28.25%	\$2,843,611	\$2,176,981	\$188,320	County 12.1292 \$ Town 10.8445 \$ Highway 4.7344 \$ Orange Lake 4.2357 \$ Consol It 0.3629 \$ Consol wtr 1 1.4627 \$ Consol wtr 2 2.5292 \$ School 71.47331 \$ Library 3.521783 \$	2,284.17 2,042.24 891.58 797.67 88.34 275.46 476.30 13,459.85 663.22
2022	63-1-22-22	\$803,320	\$80,332	24.70%	\$3,252,308	\$325,231	\$722,988	County 12.1292 \$ Town 10.8445 \$ Highway 4.7344 \$ Orange lk fire 4.2357 \$ Consol It 0.3629 \$ Consol wtr 1 1.4627 \$ Consol wtr 2 2.5282 \$ School 71.47331 \$ Library 3.521783 \$	8,769.27 7,940.44 3,422.91 3,062.36 262.37 1,057.51 1,828.58 51,674.35 2,546.21
Tax rates used for 2022 are the tax rates for 2021									
								County 3.92588 \$ Town 3.54586 \$ Highway 1.54839 \$ Orange Lake 1.36672 \$ Consol It 118.37 \$ Consol wtr 1 477.97 \$ Consol wtr 2 824.99 \$ School 23,403.01 \$ Library 1,163.16 \$	

#13A

TOWN OF NEWBURGH
TOWN ENGINEER
Newburgh, NY 12550
(845) 564-7814

MEMORANDUM

TO: Gil Piaquadio, Supervisor & Town Board

FROM: James W. Osborne, Town Engineer *jwo*

DATE: August 18, 2022

RE: Water & Sewer GIS Mapping

The Town Engineering and Water Distribution and Sewer Departments have solicited qualifications from three engineering firms for the completion of GIS system mapping of the water distribution and sewer collection systems. In addition, in conjunction with Councilman Paul Ruggiero, we have met with the firms to review their capabilities and relevant experience in this area. Based on this, we are recommending that the Town Board meet with MJ Engineering and Land Surveying, P.C. to review their experience and capabilities, and to hear their approach to this critical Town project.

I have attached their statement of qualifications and experience.

We believe that they offer critical up-to-date technology to complete this task. In addition, their use of LIDAR (light detection and ranging) and panoramic imaging offer the town additional benefits with respect to MS4 mapping and highway sign inventory in the future.

Upon your approval, I will work with MJ Engineering and Landscaping to meet with the Town Board.

In the meantime, if you have any questions, I am available to discuss them with you.

cc: Pat Hines, MHE
Jeff Guido, Water & Sewer Manager

ABOUT MJ



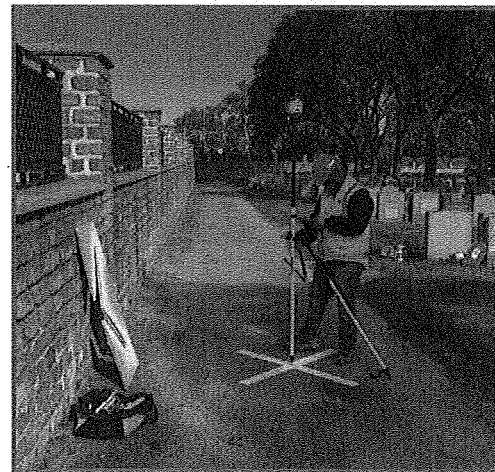
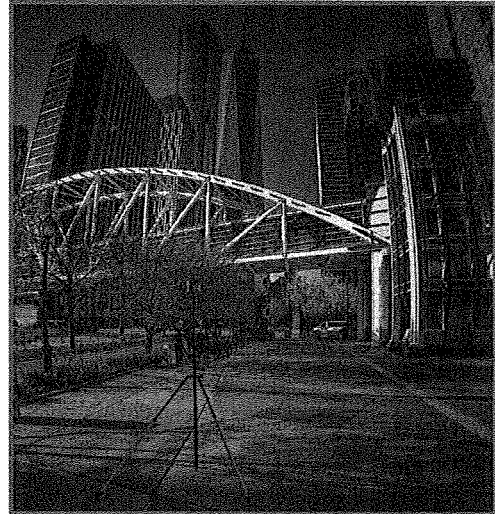
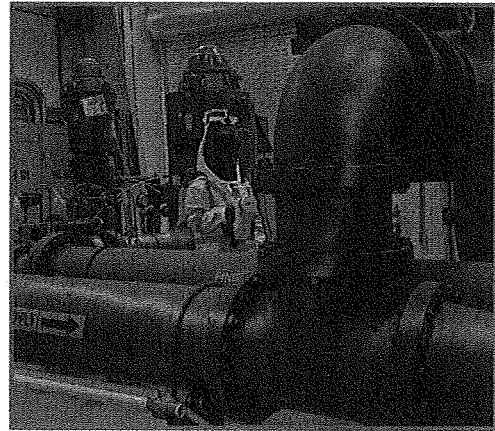
Engineering and
Land Surveying, P.C.

M.J. Engineering and Land Surveying, P.C. (MJ) is a multi-disciplined engineering and land surveying firm, with a staff of 150 personnel and 42 years of experience. MJ provides clients with a comprehensive range of professional services, including GIS, asset management, land surveying and mapping, 3D laser scanning, site/civil, structural and highway design, water/wastewater engineering, construction inspection, architecture, and planning. By combining our extensive GIS, engineering and surveying experience with the latest technologies, MJ has the ability to complete entire projects in-house, from concept to completion.

Our team uses current technologies and GIS databases to deliver accurate geospatial information. MJ's 10-person GIS group uses ArcGIS to populate and illustrate town, county, state, and federal datasets. In addition, modern technology utilized by MJ's survey group enables survey-accuracy street-level LiDAR and panoramic imagery to be quickly collected over large areas. Mobile mapping revolutionizes the process and scale at which accurate 3D data can be captured, allowing us to utilize this technology for GIS projects of various sizes and objectives.

Our GIS department specializes in serving clients with asset management solutions for water and sewer systems, stormwater, roadways and street amenities, fiber optic networks, parking, signage, wetlands, and tax parcels. MJ's GIS group has the benefit of working alongside our own engineers and planners. This valuable insight is an advantage that a strictly GIS oriented firm does not have. MJ's GIS group has a better understanding of the deliverables that our clients need, whether they are planners, engineers, or operations managers. By leveraging emerging technologies, MJ continually improves on traditional deliverables, while developing innovative new project solutions.

Our experienced team has provided asset management and GIS services for a variety of clients. In addition to providing these services to many municipal clients, MJ is often called on by some of the largest consulting firms in the world to provide GIS and survey services, having worked with WSP, AECOM, and Jacobs, to name a few.



COMPANY OVERVIEW



SURVEY TECHNOLOGY

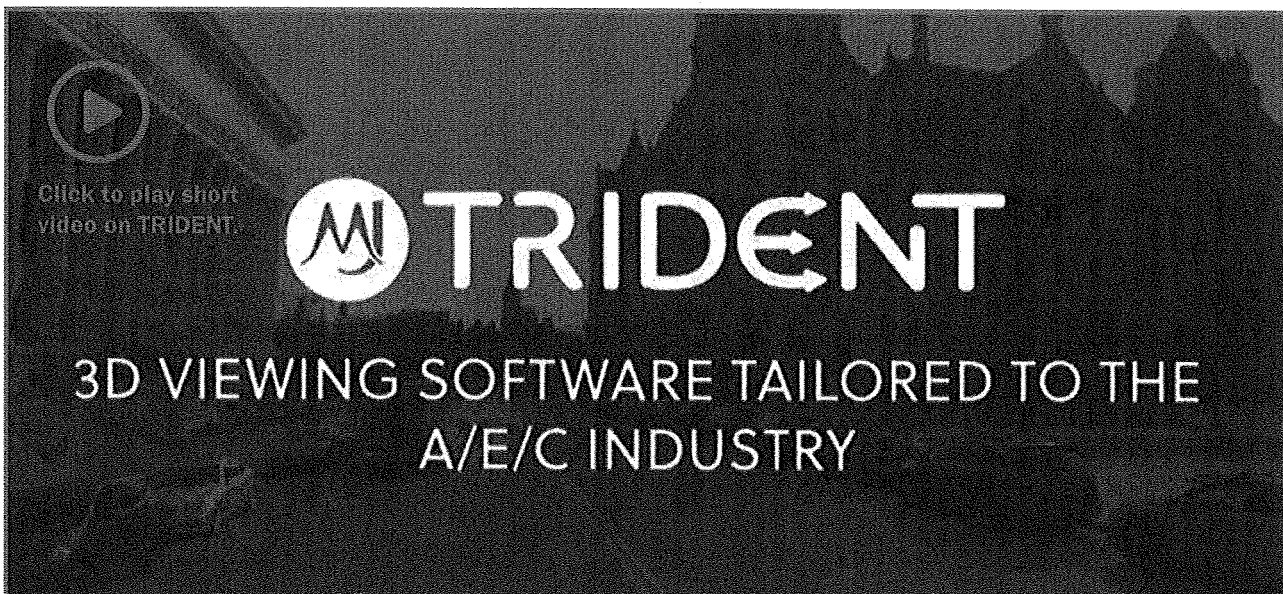
MJ places a strong focus on innovation and technology. Our technology includes mobile and static LiDAR, UAS, GPS technology, scanning total stations, data collectors, AutoCAD Civil 3D, MicroStation CAD platforms, and our latest, the NavVis VLX mobile mapper.

Since 2004, MJ has used LiDAR in conjunction with conventional survey methods on hundreds of complex infrastructure, building, and highway projects. MJ owns five fully-functioning static laser scanners and one mobile laser scanner. Our firm also recently purchased a LiDAR backpack, ideal for building interiors. Mobile LiDAR can capture dense point cloud information from a moving platform with a high level of precision that complements MJ's existing survey techniques. When used in conjunction with the latest point cloud data extraction software, this allows for the automation of many traditionally labor-intensive processes. LiDAR is a useful tool when it comes to new sites as well as renovation and historic preservation. MJ has used the laser scanner on a variety of buildings and structures to develop highly accurate models and as-builts. MJ has also utilized laser scanning on a variety of roadway and highway projects allowing for increased safety of surveyors, minimal traffic management, reduction of construction reworks and decline in schedule delays.

TRIDENT

TRIDENT is a web-based software-as-a-service (SaaS) developed by MJ which offers users the ability to remotely explore sites' and cities' digital twin via immersive existing conditions data MJ captures with 3D laser scans and 360° panoramic photos. Not satisfied with current industry offerings, MJ developed TRIDENT with the goal of providing digital documentation specifically tailored to engineers, urban planners, and GIS analysts. MJ has provided TRIDENT deliverables on many assignments for municipalities, which has allowed clients to remotely explore the sites for future planning, management, and design efforts. Learn more at: trident.mjels.com

"MJ performed laser scanning at this station complex employing TRIDENT LiDAR web-based imagery system. The system is easy and fast to use and provides the engineering and architectural team and MTA users a means of viewing its facilities in the station and in the track tunnels in great detail and resolution. Everyone at MTA expressed great satisfaction in this database." - WSP, MTA Broadway Junction Station Complex Upgrades



Click to play short video on TRIDENT.

TRIDENT

3D VIEWING SOFTWARE TAILORED TO THE A/E/C INDUSTRY



MUNICIPAL EXPERIENCE

MJ has been providing municipal consulting services for more than four decades. By implementing our strategies and experience with the needs of a city, village, town or county, we can help design and improve upon existing infrastructure. We assist municipalities with everything from grant writing and GIS services to final design and construction support. In the last five years alone, MJ has completed more than 1,100 assignments under our 18-active municipal on-call term contracts. These assignments have included a variety of GIS services, inspections, design, and other support services for water, sewer and stormwater infrastructure. *A sampling of our recent municipal experience is listed below.*

MUNICIPALITY	SERVICES
CITY OF SCHENECTADY	<ul style="list-style-type: none"> • GIS Assessment & Database Development (Including Water, Storm & Sanitary Sewer Systems) • City Designated Engineer (Water, Site, Utilities, Traffic, Buildings)
TOWN OF HALFMOON	<ul style="list-style-type: none"> • GIS Database Setup & Maintenance (Water, Storm and Roadway Infrastructure) • Town Designated Engineer (Water, Site, Utilities, Traffic, Buildings) • Updated Water System Hydraulic Model • Multiple Watermain Extension Projects in Progress • Completed a Map, Plan and Reports for Sewer District Formation/Extension
TOWN OF CLIFTON PARK	<ul style="list-style-type: none"> • Form-Based Code Zoning Amendments & GIS Map Update • Town Designated Engineer (Sewer, Site, Utilities, Traffic, Buildings) • Completed multiple Map, Plan & Reports for Sewer District Formation/Extension
RENSSELAER COUNTY	<ul style="list-style-type: none"> • Mobile Mapping & GIS Database Update • On-Call Engineering Task Orders (Water, Sewer, Site, Utilities, Traffic, Buildings) • Maple Hill Road Sewer Extension Project
CITY OF ALBANY/APA	<ul style="list-style-type: none"> • Citywide Parking Space and Sign GIS Inventory • City Designated Engineer (Buildings and Emergency Services)
TOWN OF BALLSTON	<ul style="list-style-type: none"> • Town Designated Engineer (Water, Sewer, Site, Utilities, Traffic, Buildings) • Working on GEIS Involving Water/Sewer • Updating Town's Water System Hydraulic Model
TOWN OF MILTON	<ul style="list-style-type: none"> • Town Designated Engineer (Water, Sewer, Site, Utilities, Traffic, Buildings) • Prepared Multiple Water Feasibility Studies to Extend Water to Residents • MS4 Technical Assistance
TOWN OF BETHLEHEM	<ul style="list-style-type: none"> • Town Designated Engineer (Water, Sewer, Site, Utilities, Traffic, Buildings) • Salisbury Road Watermain Replacement Project • MS4 Technical Assistance
TOWN OF RAMAPO	<ul style="list-style-type: none"> • Town Designated Engineer (Water, Sewer, Site, Utilities, Traffic, Buildings) • On-Call Support to the Highway & Planning Departments • MS4 Technical Assistance



Digital Twin and GIS Development

CLIENT: CITY OF SCHENECTADY

MJ provided the City of Schenectady with a GIS-based digital twin of existing public infrastructure. MJ performed a GIS needs assessment, working closely with the City to prioritize GIS projects and design the framework for the digital twin. The digital twin utilized ArcGIS server technology and contained data of the City's topography, water, storm sewer, and sanitary sewer systems, with a secondary focus on ADA ramps, traffic signals, street lights, curbs, and signage.

Rapid economic development amidst aging infrastructure had created the need for a digital twin to increase efficiency and streamline communication for improvement and development projects. The digital twin served as a citywide infrastructure data management tool which integrated with other digital information sources and supported the City's infrastructure maintenance activities. MJ developed a digital twin that fulfilled these needs and served as a central repository for infrastructure mapping and documentation that could be continually updated to reflect evolving conditions.

The challenge of a project of this scale was to focus on priority projects. MJ's initial GIS needs assessment was crucial. MS4 compliance was identified as a priority, so the project started with digitizing these records and adding them to the platform.

For this project, MJ utilized TRIDENT, a web-based software developed by MJ which offers users the ability to remotely explore sites' and cities' digital twin via immersive existing conditions data MJ captures with 3D laser scans and 360° panoramic photos.

MJ's digital twin solution was centered around a web-enabled Content Management System (CMS) that utilized a GIS database for digital storage of infrastructure data. The solution used Esri's ArcGIS Online software suite in conjunction with MJ's TRIDENT software to fulfill the CMS and GIS needs. The platform was easy to use and had all the features advanced mapping users expect, so it can grow with the client. MJ facilitated the set up of the City's own ArcGIS Online subscription with Esri.

MJ populated the digital twin with the fundamental datasets that created a detailed, interactive basemap of which the City's engineering, assessment, codes, planning, development, fire, and police divisions could utilize. The modern basemap was no longer a static image or plan set, but rather an immersive collection of datasets from multiple sources that leverage the efficiencies of the latest technology to provide rich datasets which maximize value and make the data accessible to non-traditional user groups.

COMPLETION DATE:

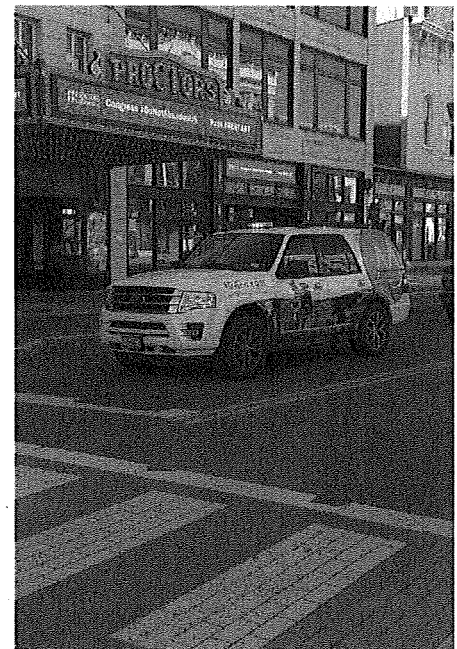
2022

KEY PROJECT ELEMENTS:

- GIS Database Development
- Infrastructure Management
- Digital Twin
- Mobile Mapping
- 3D Laser Scans
- 360° Panoramic Photos
- Needs Assessment
- Priority Projects
- Development of Online Viewer (TRIDENT) for Direct Point Cloud Interaction
- Client Product Training

CLIENT INFORMATION:

Chris Wallin, City Engineer
518.382.5082



PROJECT EXPERIENCE



GIS Database Development

CLIENT: TOWN OF HALFMOON WATER DEPARTMENT

To aid in routine and emergency maintenance and future expansion, MJ helped the Town of Halfmoon's Water Department in improving and enhancing their existing GIS database of water and stormwater infrastructure. MJ inventoried and cataloged the Town's water and stormwater assets in support of the goal.

MJ drove 115 miles of Town-owned roads to collect existing conditions data. MJ's mobile mapper captured 360-degree panoramic photos and 3D laser scan data on roadway corridor features within line-of-sight of the collection vehicle. This included sidewalks, roadway lines and paint markings, street furniture, utility poles and wires, vegetation, and buildings.

MJ mobilized technicians, equipped with survey-grade GPS receivers, to inspect and inventory more than 1,200 hydrants, 1,400 gate valves, stormwater cross-culverts, and stormwater retention areas in the Town of Halfmoon.

MJ post-processed the mobile mapping information to produce a 360° panoramic street-level imagery, measurable 3D laser scan point clouds (LiDAR), and 2D laser scan intensity imagery. Our team also deployed the information to a web format in MJ's TRIDENT web viewer app. These datasets provided a current snapshot of the Town-owned road network. MJ utilized our mobile mapping system to extract required features and as a quality assurance tool for the data collected during the GPS inventory. MJ worked with the Town to ensure that the final datasets had the attribute fields required for ongoing maintenance activities and hosted a training session with Town personnel on the utilization of the data in the field.

The data collected, and final GIS database layers were incorporated into the Town's existing ArcGIS Online web map. The final layers developed included water hydrants, water gate valves, stormwater cross-culverts, and stormwater retention areas.



COMPLETION DATE:

2022

KEY PROJECT ELEMENTS:

- GIS Database Development
- Infrastructure Management
- Digital Twin
- Mobile Mapping
- 3D Laser Scans
- 360° Panoramic Photos
- GPS Inventory
- Development of Online Viewer (TRIDENT) for Direct Point Cloud Interaction
- Client Product Training

CLIENT INFORMATION:

Frank Tironi, Director of Water
518.371.7410, Ext. 2600

Click to learn how we've used the latest technologies for the Town of Halfmoon's water projects:



PROJECT EXPERIENCE



GIS Database Development

CLIENT: TOWN OF HALFMOON PLANNING DEPARTMENT

MJ provided the Town of Halfmoon's Planning Department with services associated with the set up and first-year maintenance of the Town's GIS system. Previously, the Town of Halfmoon had utilized an ArcGIS Online portal owned and operated by a third party to maintain GIS webmaps. MJ assisted the Town in setting up a new license for ArcGIS Online through ESRI to control ownership of the portal and yearly maintenance of the GIS. The Town's GIS system included the following layers:

- Tax Parcels (SBL, address, property owner)
- Zoning districts
- Election districts
- Neighborhoods
- Water system (piping, hydrants, valves, water services)
- Sewer system (pumps, valves, clean outs)
- Wetlands – NYS and Federal

MJ utilized existing shapefiles provided by the Town to re-publish the GIS data to the Town's new account and online portal. Our GIS team configured the shapefiles as feature services in the Town's account. MJ configured a new web map on the new Town online portal (i.e. water lines/valves/hydrants, tax parcels, wetlands, etc.). We added additional functions in the new web map, including a print button for creating PDF's and directions routing to GIS points in the map for field visits.

MJ updated the online GIS data layers to incorporate information from recently completed infrastructure projects. Our GIS team modified the attributes or locations of existing GIS features, and georeferenced engineering plans from the completed infrastructure projects to digitize-in new GIS features. MJ added editor tracking attribute fields to log edit dates and edit notes for the GIS features that were changed.

COMPLETION DATE:

2021

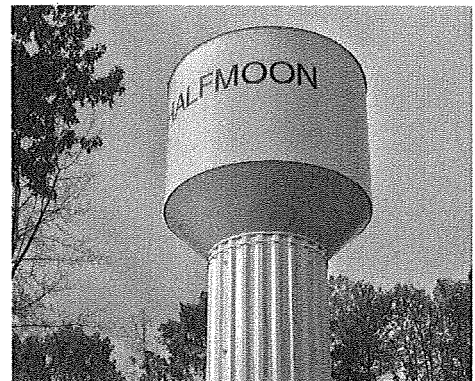
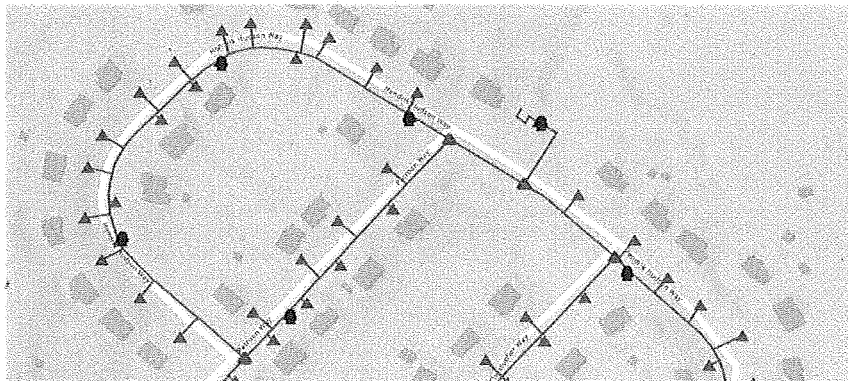
KEY PROJECT ELEMENTS:

- GIS Database Development
- Database Maintenance
- Infrastructure Management
- New Web Map
- New Web Map Functions
- Client Product Training

CLIENT INFORMATION:

Kevin Tollisen, Supervisor

518.371.7410



GIS Parking Space & Sign Inventory

CLIENT: ALBANY PARKING AUTHORITY

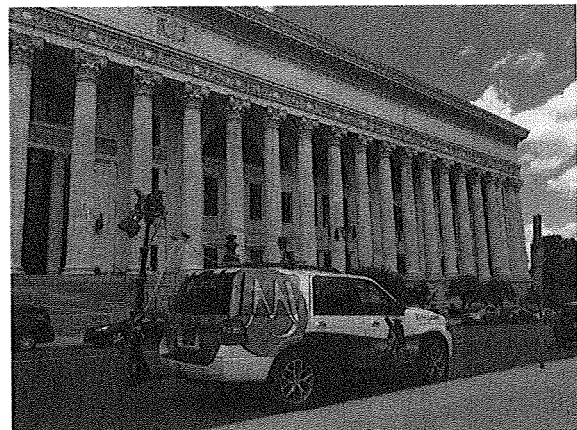
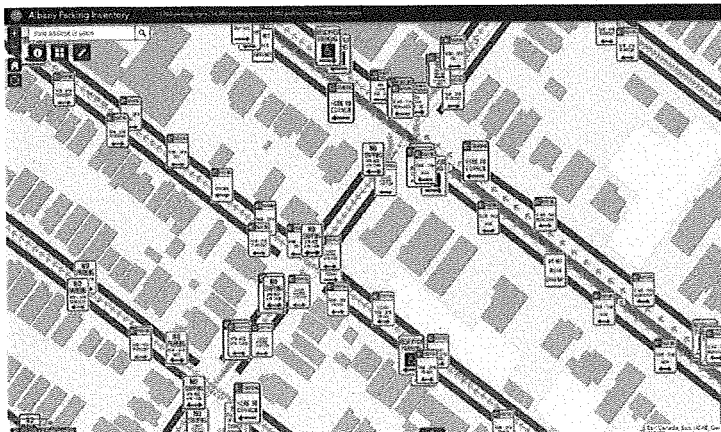
MJ was responsible for the collection and development of a GIS inventory and audit of the regulatory parking signs and on-street parking spaces within the City of Albany. This extensive effort included more than 50,000 signs and spaces along hundreds of street miles. To complete this project in a condensed schedule, before the first snow of the winter, MJ utilized our mobile LiDAR mapping system to collect 3D point cloud data and 360-degree panoramic photos along the City streets to capture the existing conditions. Using this data, our GIS team applied their database management and analysis expertise to develop the parking inventory.

Mobile mapping nearly 400 miles of roadway generated an enormous amount of data to be processed. One mile of roadway lane was equivalent to approximately 5 GB of data. MJ developed an efficient processing pipeline to handle the number of missions and big data storage needs. Two workstations were dedicated to post-processing the raw data down to point clouds and panoramic imagery needed to develop the inventory.

The inventory included the City's regulatory parking sign locations as exact point coordinates, and over twenty attributes for each sign such as the type of regulation and sign condition. Based on the parking signs, a block-by-block count of on-street parking spaces was performed using automated Python programming routines built by MJ. The inventory was prepared in Esri Geodatabase format that could be directly utilized by the City using their ArcGIS software, and was also published to an online webmap for interactive viewing right from a web browser.

MJ developed a handicap parking web app which the Albany Parking Authority added to their web site. The app can be viewed here:

<https://www.parkalbany.com/meters#handicap>



COMPLETION DATE:

2019

KEY PROJECT ELEMENTS:

- GIS Database Development
- Asset inventory
- Infrastructure Management
- Digital Twin
- Mobile Mapping
- 3D Laser Scans
- 360° Panoramic Photos
- GPS Inventory
- Development of Online Viewer (TRIDENT) for Direct Point Cloud Interaction
- Client Product Training
- Web App Development
- Expedited Project

CLIENT INFORMATION:

Matthew Peter, Director

518.434.8886



Camp Smith GIS Inventory Study

CLIENT: NYS OFFICE OF GENERAL SERVICES

MJ was responsible for preparing a real property inventory study of specific utilities at the Camp Smith installation in Cortlandt Manor, New York. The purpose of the project was to provide the locations of various utilities (natural gas, stormwater, communication, electric, wastewater and water) within the Camp Smith site. The results provided updated existing real property inventory information based upon government furnished data and supplemented by site surveys and interviews conducted.

MJ coordinated and completed subsurface utility engineering and conventional ground survey of the project area to collect utility field data. MJ also completed a boundary survey at Camp Smith.

MJ's GIS Group updated the existing government furnished database and created a new database which included:

- Subsurface utilities
- Natural gas
- Stormwater systems
- Communications
- Electric utilities
- Wastewater systems
- Water systems
- Site photographs of utility features

COMPLETION DATE:

2017

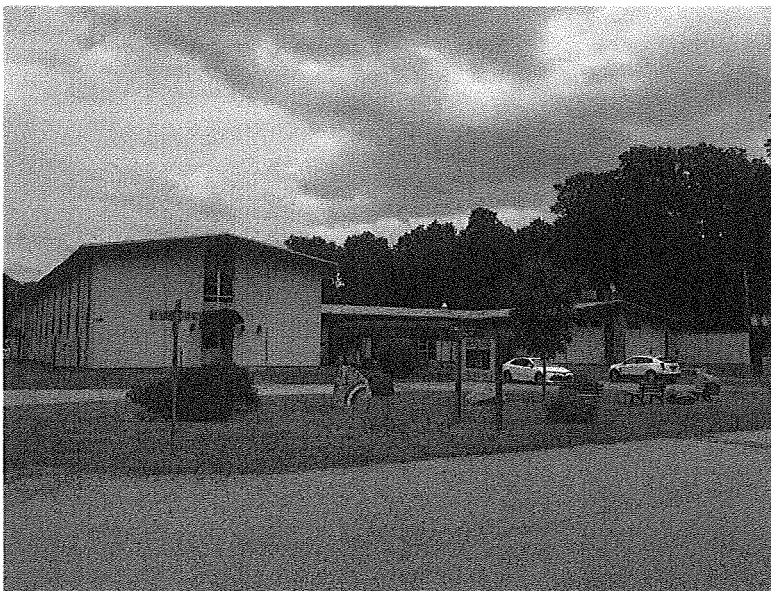
KEY PROJECT ELEMENTS:

- GIS Database Development
- Survey & Mapping
- Client Product Training
- Easy Access by Staff

CLIENT INFORMATION:

Bridget O'Hanlon, PE

518.474.2006



PROJECT EXPERIENCE



Site Infrastructure GIS Development

CLIENT: CONFIDENTIAL FEDERAL DOD CLIENT

MJ was responsible for the development of a GIS system to support facility modification and maintenance of existing utility systems throughout the site. MJ created a GIS database that included as-builts of utilities, drainage structures, storm sewers, topography and buildings throughout the site. The GIS data resides on a window based virtual machine server running ArcGIS server and portal applications accessible for viewing and basic editing via Microsoft Internet Explorer. The GIS was made scalable for new attributes and information products to be developed in the future.

MJ converted the maps into ArcGIS Geodatabase and supplemented the information needed by utilizing survey. The GIS is capable of generating the following:

- Utility location fidelity
- Soft dig sketch
- Utility depth
- Utility type, material, size and any other physical attributes
- Past excavation permit numbers
- Past utility modification sketches with link
- Photos with link
- Federal and state wetland overlay
- Archaeologically sensitive areas
- Map color coded to show limits of federal and state wetlands
- Map color coded to show archaeologically sensitive areas

MJ set up an interface to allow the client to view and print the information products listed. MJ created a user/administrator manual for creating and editing the information product. An input interface was also created for the client to upload future data. The interface provides the ability to add or modify data for each layer.

COMPLETION DATE:

2020

KEY PROJECT ELEMENTS:

- GIS Database Development
- Records Hyperlinking
- GISaaS Deployment to Implement a Sitewide Infrastructure Assets GIS
- Survey & Mapping
- Client Training Session
- Easy Access by Staff
- Real-Time, Geospatial Data

CLIENT INFORMATION:

Confidential



Michael Koterba

CHIEF TECHNOLOGY OFFICER

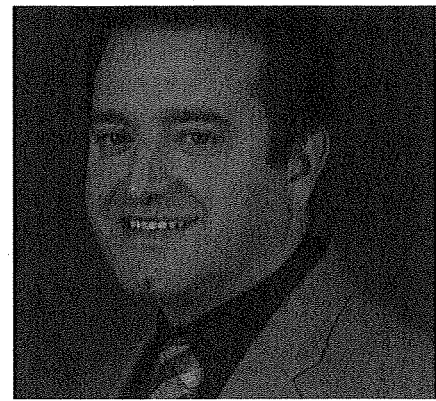
Mike oversees all 3D laser scanning and GIS projects throughout the firm. He is responsible for the development of all high definition scanning, GIS and all other mapping and modeling assignments from the daily coordination of all field and office activities to the reduction and subsequent processing of the collected data.

Representative project experience:

Digital Twin and GIS Development, City of Schenectady, NY.

Project manager for the development of a GIS-based digital twin of existing public infrastructure. The digital twin utilized ArcGIS server technology and contained data of the City's topography, water, storm sewer, and sanitary sewer systems, with a secondary focus on ADA ramps, traffic signals, street lights, curbs, and signage. Rapid economic development amidst aging infrastructure had created the need for a digital twin to increase efficiency and streamline communication for improvement and development projects. The digital twin served as a citywide infrastructure data management tool which integrated with other digital information sources and supported the City's infrastructure maintenance activities. Mike used TRIDENT, which was centered around a web-enabled Content Management System (CMS) that utilized a GIS database for digital storage of infrastructure data. The solution used Esri's ArcGIS Online software suite in conjunction with MJ's TRIDENT software to fulfill the CMS and GIS needs. Mike facilitated the set up of the City's own ArcGIS Online subscription with Esri. The team populated the digital twin with the fundamental datasets that created a detailed, interactive basemap of which the City's engineering, assessment, codes, planning, development, fire, and police divisions could utilize.

GIS Database Development, Town of Halfmoon, NY. As project manager, Mike provided the Town of Halfmoon's Planning Department with services associated with the set up and first-year maintenance of the Town's GIS system. MJ assisted the Town in setting up a new license for ArcGIS Online through ESRI to control ownership of the portal and yearly maintenance of the GIS. The Town's GIS system included tax parcels, zoning districts, election districts, neighborhoods, water systems, sewer systems, and wetlands. MJ updated the online GIS data layers to incorporate information from recently completed infrastructure projects. MJ also added editor tracking attribute fields to log edit dates and edit notes for the GIS features that were changed.



EDUCATION:

AAS, Land Surveying, NYS
College of Environmental
Science & Forestry (2008)

BA, Political Science, Hunter
College (2005)

YEARS OF EXPERIENCE:

Total: 14

With MJ: 14



Engineering and
Land Surveying, P.C.

Michael Koterba

CHIEF TECHNOLOGY OFFICER

University at Albany, GIS Implementation, City of Albany, NY. Project manager responsible for modernizing and updating the GIS system at the UAlbany. MJ used Real Time Kinematic (RTK), GPS location, and 3D LiDAR to update the database. MJ created a GIS database that included as-builts of physical structures, utilities, drainage structures, storm sewers, topography and buildings throughout the campus, particularly in areas of new construction. MJ imported the GIS data using ArcGIS 10. The new GIS system combines high-quality data and powerful software to make a staff friendly structure for the SUNY Albany staff. The database contains real-time, geospatial data and mapping of the SUNY Albany campus. This reduced the need to resurvey and map the site on every new project. MJ received the 2013 Diamond Award for Engineering Excellence from the American Council of Engineering Companies (ACEC) for this project.

Disaster Reovery Master Drainage Plan, Blooming Grove, NY. Project manager for the completion of a drainage master plan for the Town of Blooming Grove. The plan also offered recommendations for improvements to address flooding that occurs during storm events such as those that occurred during Hurricane Irene and Tropical Storm Lee. MJ was responsible a field survey and data collection to get the physical dimensions necessary for the hydrological and hydraulic modeling. The database of assets included bridges, culverts, dams and their appurtenant structures, river cross sections and storm water structures. MJ was also responsible for webmap development.

City-Wide Parking Space and Parking Sign Inventory, City of Albany, NY. Project manager for the collection and development of a GIS inventory and audit of all the regulatory parking signs and on-street parking spaces within the City. This extensive effort included more than 50,000 signs and spaces along 230 street miles. To complete this project, MJ utilized our mobile LiDAR mapping system to collect 3D point cloud data and 360-degree panoramic photos along the City streets to capture the existing conditions. Using this data, MJ's GIS team applied their database management and analysis expertise to develop the parking inventory.

Camp Smith Real Property Inventory Study, Cortlandt Manor, NY. Project manager for all GIS services for a real property inventory study of specific utilities at the Camp Smith installation. The purpose was to provide the locations of various utilities within the Camp Smith site. MJ's GIS Group updated the existing government furnished database and created a new database which included natural gas, stormwater, communication, electric, wastewater and water.

Asset Inventory for Fiber Optic Network Expansion, Essex, Franklin, St. Lawrence Counties, NY. Project manager for mobile LiDAR, imagery collection, and a GIS asset inventory for this fiber optic network expansion. MJ collected data on 150 miles of road across three counties to document the existing utility pole network. MJ utilized a mobile scanner and panoramic camera to collect LiDAR data and 360° imagery along the entirety of the project corridor. MJ developed a GIS-based asset inventory of the utility pole network. Slic used the inventory in the design of their fiber optic expansion.

Site Infrastructure GIS, Confidential Federal DoD Client, NY. Project manager for the development of a GIS system to support facility modification and maintenance of existing utility systems throughout the site. MJ created a GIS database that included as-builts of utilities, drainage structures, storm sewers, topography and buildings throughout the site. The GIS data resides on a window based virtual machine server running ArcGIS server and portal applications accessible for viewing and basic editing via Microsoft Internet Explorer. The GIS was made scalable for new attributes and information products to be developed in the future.

Michael Pianka, GISP

LEAD GIS ANALYST

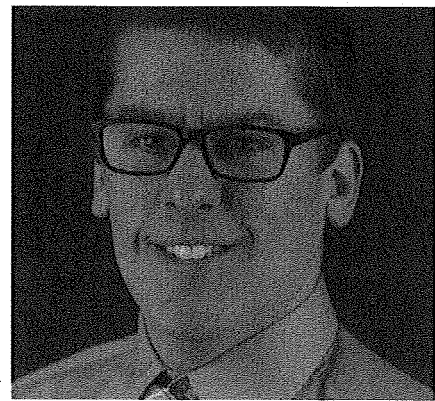
Mike has a wealth of GIS, survey, 3D laser scanning/mobile mapping, hydraulics, and planning experience. With extensive knowledge of geospatial data, remote sensing, and cartography, he currently serves as the technical lead for MJ's GIS Group. His responsibilities include enterprise GIS management and quality assurance, spatial analysis, hydraulic/hydrologic modeling, map production, webmap development, LiDAR feature extraction and data processing, and incorporating GIS into existing workflows to improve the firm's overall productivity.

Representative project experience:

GIS Database Development, Town of Halfmoon, NY. Lead GIS analyst responsible for improving and enhancing the Town's existing GIS database of water and stormwater infrastructure. Mike led an inventory and cataloging the Town's water and stormwater assets in support of the goal. MJ's survey group drove 115 miles of Town-owned roads to collect existing conditions data. The mobile mapper captured 360-degree panoramic photos and 3D laser scan data. Equipped with survey-grade GPS receivers, the team inspected and inventoried more than 1,200 hydrants, 1,400 gate valves, stormwater cross-culverts, and stormwater retention areas in the Town. MJ's technicians post-processed the mobile mapping information to produce a 360° panoramic street-level imagery, measurable 3D laser scan point clouds (LiDAR), and 2D laser scan intensity imagery. MJ also deployed the information to a web format in MJ's TRIDENT web viewer app. The data collected, and final GIS database layers were incorporated into the Town's existing ArcGIS Online web map.

Camp Smith Real Property Inventory Study, Cortlandt Manor, NY. Lead analyst for all GIS services for a real property inventory study of specific utilities at the Camp Smith installation. The purpose was to provide the locations of various utilities within the Camp Smith site. MJ's GIS Group updated the existing government furnished database and created a new database which included natural gas, stormwater, communication, electric, wastewater and water.

Asset Inventory for Fiber Optic Network Expansion, Essex, Franklin, St. Lawrence Counties, NY. Lead GIS analyst for mobile LiDAR, imagery collection, and a GIS asset inventory for this fiber optic network expansion. MJ collected data on 150 miles of road across three counties to document the existing utility pole network. MJ utilized a mobile scanner and panoramic camera to collect LiDAR data and 360° imagery along the entirety of the project corridor. MJ developed a GIS-based asset inventory of the utility pole network. Slic used the inventory in the design of their fiber optic expansion.



EDUCATION:

BA, Geography, SUNY New Paltz
(2009)

PROFESSIONAL REGISTRATION:

Certified Geographic
Information Systems

YEARS OF EXPERIENCE:

Total: 13
With MJ: 9



Engineering and
Land Surveying, P.C.

Michael Pianka, GISP

LEAD GIS ANALYST

Rock Ledge Water District Study, St. Armand, NY. Lead GIS analyst for the evaluation of the existing water system serving the Rock Ledge Water District. Michael oversaw CAD mapping of the water utilities and development of a corresponding GIS webmap/shapefiles. MJ prepared a detailed topographic survey using both conventional and mobile LiDAR mapping techniques. The shape files associated with the water district infrastructure (hydrants, valves, services) were integrated into the Essex County GIS system.

City-Wide Parking Space and Parking Sign Inventory, City of Albany, NY. Lead GIS analyst for the collection and development of a GIS inventory and audit of all the regulatory parking signs and on-street parking spaces within the City. This extensive effort included more than 50,000 signs and spaces along 230 street miles. To complete this project, MJ utilized our mobile LiDAR mapping system to collect 3D point cloud data and 360-degree panoramic photos along the City streets to capture the existing conditions. Using this data, MJ's GIS team applied their database management and analysis expertise to develop the parking inventory.

SUNY Plattsburgh, Sign Inventory, Plattsburgh, NY. Mike was responsible for establishing an existing signage inventory database which includes wayfinding, traffic and campus buildings signage. MJ supplied SUNY Plattsburgh with an existing base map of all signage as well as a web-based, interactive map. The database was used by maintenance staff and other university personnel.

Digital Twin and GIS Development, City of Schenectady, NY. Lead GIS analyst for the development of a GIS-based digital twin of existing public infrastructure. The digital twin utilized ArcGIS server technology and contained data of the City's topography, water, storm sewer, and sanitary sewer systems, with a secondary focus on ADA ramps, traffic signals, street lights, curbs, and signage. Rapid economic development amidst aging infrastructure had created the need for a digital twin to increase efficiency and streamline communication for improvement and development projects. The digital twin served as a citywide infrastructure data management tool which integrated with other digital information sources and supported the City's infrastructure maintenance activities. Mike used TRIDENT, which was centered around a web-enabled Content Management System (CMS) that utilized a GIS database for digital storage of infrastructure data. The solution used Esri's ArcGIS Online software suite in conjunction with MJ's TRIDENT software to fulfill the CMS and GIS needs. Mike facilitated the set up of the City's own ArcGIS Online subscription with Esri. The team populated the digital twin with the fundamental datasets that created a detailed, interactive basemap of which the City's engineering, assessment, codes, planning, development, fire, and police divisions could utilize. The modern basemap was no longer a static image or plan set, but rather an immersive collection of datasets from multiple sources that leverage the efficiencies of the latest technology to provide rich datasets which maximize value and make the data accessible to non-traditional user groups.

Site Infrastructure GIS, Confidential Federal DoD Client, NY. Lead analyst for the development of a GIS system to support facility modification and maintenance of existing utility systems throughout the site. MJ created a GIS database that included as-builts of utilities, drainage structures, storm sewers, topography and buildings throughout the site. The GIS data resides on a window based virtual machine server running ArcGIS server and portal applications accessible for viewing and basic editing via Microsoft Internet Explorer. The GIS was made scalable for new attributes and information products to be developed in the future.

Alison Martin

SENIOR GIS TECHNICIAN

Allie is responsible for developing GIS databases, mapping, and web apps for clients and in-house support of MJ's engineering staff. She is proficient in Esri's ArcGIS software including ArcGIS Online, ArcGIS Pro, and ArcMap. Allie has served as MJ's senior GIS technician on many large-scale municipal mapping projects.

Representative project experience:

GIS Database Development, Town of Halfmoon, NY. Senior GIS technician responsible for improving and enhancing the Town of Halfmoon's existing GIS database of water and stormwater infrastructure. Allie was responsible for completing an inventory and cataloging the Town's water and stormwater assets in support of the goal. MJ's survey group drove 115 miles of Town-owned roads to collect existing conditions data. The mobile mapper captured 360-degree panoramic photos and 3D laser scan data. Equipped with survey-grade GPS receivers, Allie oversaw a team that inspected and inventoried more than 1,200 hydrants, 1,400 gate valves, stormwater cross-culverts, and stormwater retention areas in the Town. MJ's team post-processed the mobile mapping information to produce a 360° panoramic street-level imagery, measurable 3D laser scan point clouds (LiDAR), and 2D laser scan intensity imagery. MJ also deployed the information to a web format in MJ's TRIDENT web viewer app. The data collected, and final GIS database layers were incorporated into the Town's existing ArcGIS Online web map.

GIS Parking Sign and Space Inventory, City of Albany, NY. Senior GIS technician for the collection and development of a GIS inventory and audit of the regulatory parking signs and on-street parking spaces within the City of Albany. This extensive effort included more than 50,000 signs and spaces along hundreds of street miles. To develop the parking inventory, MJ mobile mapped nearly 400 miles of roadway, an enormous amount of data to process. Allie worked with the team to develop an efficient processing pipeline to handle the number of missions and big data storage needs. Two workstations were dedicated to post-processing the raw data down to point clouds and panoramic imagery needed to develop the inventory. The inventory included the City's regulatory parking sign locations as exact point coordinates, and over twenty attributes for each sign such as the type of regulation and sign condition. Based on the parking signs, a block-by-block count of on-street parking spaces was performed using automated Python programming routines built by MJ. The inventory was prepared in Esri Geodatabase format that could be directly utilized by the City using their ArcGIS software, and was also published to an online webmap for interactive viewing right from a web browser.



EDUCATION:

BA, Geography, Minor in Environmental and Urban Studies, SUNY Geneseo, Geneseo, NY (2013)

YEARS OF EXPERIENCE:

Total: 9
With MJ: 7



Engineering and
Land Surveying, P.C.

Alison Martin

SENIOR GIS TECHNICIAN

Digital Twin and GIS Development, City of Schenectady, NY. Senior GIS technician for the development of a GIS-based digital twin of existing public infrastructure. The digital twin utilized ArcGIS server technology and contained data of the City's topography, water, storm sewer, and sanitary sewer systems, with a secondary focus on ADA ramps, traffic signals, street lights, curbs, and signage. Rapid economic development amidst aging infrastructure had created the need for a digital twin to increase efficiency and streamline communication for improvement and development projects. The digital twin served as a citywide infrastructure data management tool which integrated with other digital information sources and supported the City's infrastructure maintenance activities. Allie used TRIDENT, which was centered around a web-enabled Content Management System (CMS) that utilized a GIS database for digital storage of infrastructure data. The solution used Esri's ArcGIS Online software suite in conjunction with MJ's TRIDENT software to fulfill the CMS and GIS needs. Allie facilitated the set up of the City's own ArcGIS Online subscription with Esri. The team populated the digital twin with the fundamental datasets that created a detailed, interactive basemap of which the City's engineering, assessment, codes, planning, development, fire, and police divisions could utilize. The modern basemap was no longer a static image or plan set, but rather an immersive collection of datasets from multiple sources that leverage the efficiencies of the latest technology to provide rich datasets which maximize value and make the data accessible to non-traditional user groups.

Site Infrastructure GIS Development, Confidential Federal DoD Client. Senior GIS technician for the development of a GIS system to support facility modification and maintenance of existing utility systems throughout the site. Allie created a GIS database that included as-builts of utilities, drainage structures, storm sewers, topography and buildings throughout the site. The GIS data resides on a window based virtual machine server running ArcGIS server and portal applications accessible for viewing and basic editing via Microsoft Internet Explorer. The GIS was made scalable for new attributes and information products to be developed in the future.

Camp Smith Real Property Inventory Study, Cortlandt Manor, Cortlandt, NY. Senior GIS technician for a real property inventory study of specific utilities at the Camp Smith installation in Cortlandt Manor, New York. The purpose of the project was to provide the locations of various utilities within the Camp Smith site. MJ's GIS group updated the existing government furnished database and created a new database which included natural gas, stormwater, communication, electric, wastewater and water.

NYS Department of Military and Navel Affairs (DMNA) Stormwater Reconnaissance Survey, Statewide, NYS OGS. Senior GIS technician for stormwater system reconnaissance of various facilities across New York State operated by DMNA. MJ was responsible for identifying the current stormwater system conditions at 29 facilities statewide to ensure compliance with the Clean Water Act Standards 40 CFR Part and to confirm there are no illegal discharges or illicit connections. MJ was responsible for database preparation and management for GIS mapping of field verified storm sewer infrastructure for the development of a report/action plan for each facility.

Development Authority of the North Country, Watertown, NY. As a GIS technician, Allie was responsible for digitizing hard copy records for water/wastewater infrastructure and preparing shapefiles and scanned records for hyperlinking to GIS. She worked with municipalities to locate infrastructure and verify feature location using GPS/GIS and prepared collected data for presentation on web-based GIS internet mapping application. Allie also fulfilled internal and external map requests.

Joe Malinowski, PLS

DIRECTOR OF SURVEY SERVICES

Joe manages MJ's survey group, which includes traditional land surveying, 3D laser scanning, mobile LiDAR and GIS. He personally reviews all deliverables and monitors all work performed by survey field and office personnel, modifying existing procedures and establishing new procedures as necessary to improve productivity and efficiency. Joe has a knack for identifying efficient and cost-effective use of technology that adds value to our data collection and analysis process.

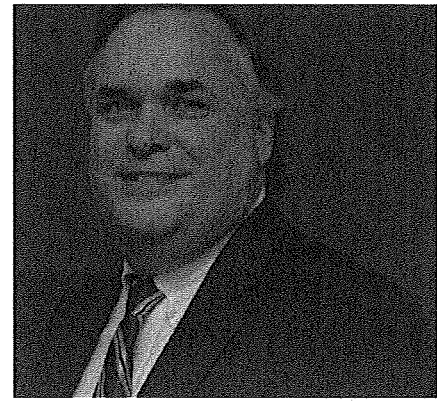
Representative project experience:

Dutchess County Water & Wastewater Authority, Tivoli Water Distribution System, Dutchess County, NY. Joe oversaw all survey and mapping for replacement of 7,300 feet of existing water mains with new ductile iron water mains, inclusive of fittings, valves and hydrants. MJ was responsible for delivering a detailed topographic survey using both conventional and mobile LiDAR mapping techniques.

Dutchess County Water & Wastewater Authority, Pinebrook-Hyde Park Water Interconnection, Dutchess County, NY. Joe was responsible for all survey, mapping and GIS services associated with the installation of 5,000 feet of ductile iron pipe (DIP) water main, hydrants, valves, sample station, meter vault, appurtenances, and site work. MJ was responsible for delivering a detailed topographic survey using both conventional and mobile LiDAR mapping techniques.

Maple Street and Walnut Street Sewer and Stormwater Improvements, City of Glens Falls, NY. Joe oversaw survey and mapping services for system replacement/rehabilitation, including 18 and 24" sanitary and storm sewer. Project design included the review and analysis of CCTV inspection, flow monitoring, and manhole inspections of the sanitary and storm infrastructure. It also involved utilizing green infrastructure to help mitigate the problem of flooding and sewer system bypasses during heavy rain events.

Extension of New Sanitary Sewer, Saratoga County Sewer District, Halfmoon, NY. Project manager for survey services for a seven-mile sanitary sewer extension from Grooms Road to the Saratoga County sewer treatment plant. MJ performed photogrammetric ground control for aerial mapping, field edit of base mapping, supplemental ground survey; and established highway boundaries. MJ also prepared maps for the acquisition of easements.



EDUCATION:

AAS, Forestry, NYS College of Environmental Science & Forestry (1979)

PROFESSIONAL REGISTRATION:

Licensed Professional Land Surveyor: New York

PROFESSIONAL ASSOCIATIONS:

New York State Association of Professional Land Surveyors

Eastern New York Society of Land Surveyors

YEARS OF EXPERIENCE:

Total: 43

With MJ: 22



Engineering and
Land Surveying, P.C.

Joe Malinowski, PLS

DIRECTOR OF SURVEY SERVICES

NYS Route 9, Kaydeross Avenue West, and Nelson Avenue Water Main Replacement, City of Saratoga Springs, NY. Joe oversaw all survey and mapping services for water main replacement on New York State Route 9 (South Broadway), Kaydeross Avenue West, and Nelson Avenue in the City of Saratoga Springs, New York. The project included the installation of 18,000 linear feet of 8 and 10-inch diameter high-density polyethylene (HDPE) and ductile iron pipe (DIP) water main, hydrants, valves, water services, fittings, associated appurtenances and miscellaneous site work. Approximately 16,300 linear feet of the HDPE was installed via directional drilling to mitigate wetland and/or stream disturbance.

Geysers Road Water and Sewer Improvements, Town of Milton, NY. Joe was responsible for all survey and mapping services associated with the design and construction of water and sewer improvements on Geysers Road in the Town of Milton. The project included installation of 1,500 linear feet of 8-inch diameter water main and the installation of approximately 1,500 linear feet of 2-inch diameter high-density polyethylene (HDPE) low pressure sewer to service residential, commercial, and industrial properties along Geysers Road.

Rock Ledge Water District Study, St. Armand, Essex County, NY. Joe oversaw all survey services for the evaluation of the existing water system serving the Rock Ledge Water District. MJ conducted an evaluation of the condition and capacity of the existing District infrastructure. Deficiencies and recommended improvements were summarized in an engineering report, along with the associated costs. Joe was responsible for delivering a detailed topographic survey using both conventional and mobile LiDAR mapping techniques.

Ridge Street Sewer and Stormwater Improvements, City of Glens Falls, NY. Joe was responsible for all survey and GIS services associated with sanitary and storm sewer improvements on Ridge Street for the City of Glens Falls. MJ assisted the City with sanitary and storm sewer improvements, including replacement of approximately 600 linear feet of 8 to 30-inch gravity sewer, rehabilitation of approximately 6,400 linear feet of 8 to 30-inch gravity sewer and associated lateral connections via cured-in-place pipe (CIPP) lining, installation of approximately 3,800 linear feet of 18 to 30-inch storm sewer piping, 60 dry well structures, elimination of storm sewer cross-connections, and replacement of manholes and catchbasins, concrete sidewalks and curbing, and site restoration. MJ was responsible for the engineering report, as well as design, bidding and contract administration.

GIS Database Development, Town of Halfmoon, NY. Joe oversaw the survey services associated with improving and enhancing the Town's existing GIS database of water and stormwater infrastructure. MJ's survey group drove 115 miles of Town-owned roads to collect existing conditions data. The mobile mapper captured 360-degree panoramic photos and 3D laser scan data. Equipped with survey-grade GPS receivers, the team inspected and inventoried more than 1,200 hydrants, 1,400 gate valves, stormwater cross-culverts, and stormwater retention areas in the Town. MJ's technicians post-processed the mobile mapping information to produce a 360° panoramic street-level imagery, measurable 3D laser scan point clouds (LiDAR), and 2D laser scan intensity imagery. MJ also deployed the information to a web format in MJ's TRIDENT web viewer app. The data collected, and final GIS database layers were incorporated into the Town's existing ArcGIS Online web map.