

William Wenzel, Town Supervisor
Jennifer Howe, Town Clerk
Brandy Fall, Deputy Town Clerk



John D. Ganther, Jr., Council Member
Francis R. Potter, Council Member
Dianne Grant, Council Member
Andrew Lucks, Council Member

5853 Western Turnpike
Duanesburg, New York 12056

Town of Duanesburg

Schenectady County

P# 518-895-8920
F# 518-895-8171

Thursday, February 24, 2022

Town Board Meeting Agenda

Meeting Time: 7:00PM

Call to order
Pledge of Allegiance
Prayer/Moment of Reflection

Approval of minutes for: Regular Town Board Meeting on Thursday February 10, 2022

Payment of Claims

Committee Reports

Highway
Public Safety
Park
Sewer Districts #1, 2 & 3
IT

Business Meeting:

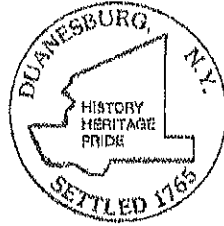
- 1. Motion to approve Professional Services Invoice No. 3; authorizes the payment of the invoice using the BAN funds borrowed for this purpose; and directs that the Town seek reimbursement from NYSDEC for the costs associated with the Project in accordance with the terms of the Grant Agreement with NYSDEC.**
- 2. Motion to approve and authorize the Town Supervisor to sign the attached Amendment 2 to the professional services agreement with CT Male.**
- 3. Motion to accept the resignation of Nick Rowilson as a full-time Motor Equipment Operator.**
- 4. Motion to reappoint Nelson Gage as Chairman of the Zoning Board starting January 1st for a term of 5 years.**

- 5. Motion to reappoint Elizabeth Novak to the Planning Board starting January 1st for a term of 7 years.**

Privilege of the Floor:

Comments are limited to 5 minutes per person. Be respectful. Address the entire Town Board. Individual members are not to be singled out. Speak of issues related to Town business. There will be no tolerance for personal attacks on Board Members. The board reserves the right to ask that your question be put in writing and to be submitted to the Town Clerk to then be distributed to the Town Board. Questions will be answered in a timely manner and mailed to the resident.

William Wenzel, Town Supervisor
Jennifer Howe, Town Clerk
Brandy Fall, Deputy Town Clerk
William Reed, Highway Superintendent



John D. Ganther, Council Member
Francis R. Potter, Council Member
Dianne Grant, Council Member
Andrew Lucks, Council Member

Thursday February 10, 2022
Regular Town Board Meeting
Meeting Time: 7:00PM

Meeting called to order by Supervisor Wenzel at 7:00PM

Present: Supervisor Wenzel, Council Members Ganther, Grant, Potter and Lucks, Town Clerk Jen Howe, Town Attorney Teresa Bakner

Pledge of Allegiance

Resolution 18-22: Council Member Ganther motioned, seconded by Council Member Lucks to approve the End of Year Town Board Meeting minutes of Thursday, January 27, 2022.
Motion carried, 4 ayes Council Member Ganther abstained

Town Clerk, Jennifer Howe, read the Town Clerk's Report for January 2022 (see attached).

Supervisor, William Wenzel, read the Supervisor's Report for January 2022 (see attached).

Resolution 19-22: Council Member Potter motioned, seconded by Council Member Ganther to pay the following claims:
Motion carried, 5 ayes

Vouchers to be Paid

February 10, 2022

General Fund:	\$24,484.14
Highway Fund:	\$13,528.53
Capital Projects:	\$137,218.04
Private Purpose:	\$64,995.00
SD#1 Fund:	\$4,466.02
SD#2 Fund:	\$1,871.32
SD#3 Fund:	\$1,435.75
<hr/>	
Total To Be Paid:	\$247,998.80

Highway: Council Member Potter reported that they are servicing all the trucks. The long duration storm we just had maxed out his guys. They ran straight for almost 18 hours.

Public Safety: Supervisor Wenzel met with DVAC.

Parks: Supervisor Wenzel reported that the meeting was postponed until March. The county forest boundary signs are in and will be put up sometime in the spring.

Sewer District #1, 2 & 3: Council Member Ganther reported that we still have an opening for a Full-Time treatment plant position. Maybe we need to go the civil service route. We will reach out to the county to get more information. The furnaces at the treatment plants should be replaced in the next couple years. The yellow truck needs some repairs. Bill Brown from Delaware Engineering gave an update. Bids are due March 1st at Town Hall. We are working through some issues with the new alarms. The alarms notify the operators when there are any issues at the plant.

Technology: Council Member Ganther reported that there was a broadband meeting yesterday. We are down to 60 homes unserved in town. We had a conference call with Verizon to see if we can extend their services on the north end of town. The next broadband meeting is April 12th here at Town Hall.

Other: Council Member Ganther brought up that we spent all this time going through and updating the Comprehensive Plan that now we need to go through the Zoning Ordinance section by section. We will have to get a group together to go through that. We should also schedule budget reviews maybe one in April and one in July. The format needs to be updated to something more current and transparent. We need to also go through and plan to get the internal audits done. Nick Lobosco from CT Male gave an update on the town hall renovation project (please see attached).

Business Meeting:

Resolution 20-22: Council Member Grant motioned, seconded by Council Member Potter to authorize the Town Supervisor to submit the documentation to NYSEFC to obtain the funds to pay invoice no. 22 in the amount of \$6,679.48 to Delaware Engineering.
Motion carried, 5 ayes

Resolution 21-22: Council Member Potter motioned, seconded by Council Member Ganther to adopt the Schenectady County Natural Hazard Mitigation Plan as the Town's Natural Mitigation Plan.
Motion carried, 5 ayes

Resolution 22-22: Council Member Lucks motioned, seconded by Council Member Grant to approve and authorize the correction of the contract amount for the 2022 Village of Esperance fire protection contract.
Motion carried, 5 ayes

Resolution 23-22: Council Member Ganther motioned, seconded by Council Member Potter to accept the resignation of Municipal Assessment Services/John Bonnano from the Assessor's Office.
Motion carried, 5 ayes

Resolution 8-22: Council Member Ganther motioned, seconded by Council Member Grant to appoint Steven Wales as a Wing Person for the 2022 season.
Motion carried, 4 ayes

Privilege of the Floor:

Lynne Bruning of 13388 Duaneburg Road read a statement (please see attached).

Council Member Grant motioned, seconded by Council Member Lucks to go into Executive Session to discuss personnel matters.

Council Member Grant motioned, seconded by Council Member Ganther to come out of Executive Session. 8:37 pm

Council Member Grant motioned, seconded by Council Member Lucks to adjourn. 8:38 pm

I, Jennifer Howe, Town Clerk of the Town of Duaneburg, so hereby certify that this is a true and accurate transcript of the Regular Town Board Meeting held on Thursday February 10, 2022.

DRAFT

Account#	Account Description	Fee Description	Qty	Local Share
	Misc. Fees	Certified Copies - Death	20	200.00
	Operating Permit	Operating Permit	1	30.00
		Sub-Total:		\$230.00
690.01	Village Of Delanson	Village Of Delanson	1	35.00
		Sub-Total:		\$35.00
A1255	Conservation	Conservation	2	3.86
		Sub-Total:		\$3.86
A2544	AFTER 30 DAYS	AFTER 30 DAYS	3	15.00
	Dog Licensing	Female, Spayed	25	350.00
		Female, Unspayed	2	44.00
		Male, Neutered	14	196.00
		Male, Unneutered	3	66.00
		Sub-Total:		\$671.00
B2555	Building Permits	Building Permits	4	400.00
	Special Use Permit	Special Use Permit	1	100.00
		Sub-Total:		\$500.00
Total Local Shares Remitted:				\$1,439.86
Amount paid to: NYS Ag. & Markets for spay/neuter program				54.00
Amount paid to: NYS Environmental Conservation				66.14
Total State, County & Local Revenues:		\$1,560.00	Total Non-Local Revenues:	
			\$120.14	

To the Supervisor:

Pursuant to Section 27, Sub 1, of the Town Law, I hereby certify that the foregoing is a full and true statement of all fees and monies received by me, Jennifer Howe, Town Clerk, Town of Duanesburg during the period stated above, in connection with my office, excepting only such fees and monies, the application of which are otherwise provided for by law.

Supervisor	Date	Town Clerk	Date

Monthly Statement of the Town Supervisor

TO THE TOWN BOARD OF THE TOWN OF DUANESBURG, NEW YORK:

Pursuant to Section 119 of Town Law, I hereby render the following statement of all money received and disbursed by this office during the month January 2022.

Revenues

Fund	Amount
General Fund	\$ 23,480.91
Highway Fund	\$ 442,717.13
Capital Projects	\$ 0.00
Fire Protection	\$ 483,632.10
Parks & Recreation	\$ 0.00
Parklands	\$ 0.00
Service Award	\$ 0.00
Sewer District #1	\$ 315,749.68
Sewer District #2	\$ 298,054.06
Sewer District #3	\$ 139,768.26
Total	<u>\$ 1,703,402.14</u>

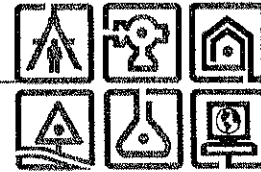
Disbursements

General Fund	\$ 74,983.60
Highway Fund	\$ 47,431.41
Capital Projects	\$ 73,909.05
Fire Protection	\$ 0.00
Park & Recreation	\$ 0.00
Parklands	\$ 0.00
Service Award	\$ 61,295.00
Sewer District #1	\$ 141,104.19
Sewer District #2	\$ 8,415.47
Sewer District #3	\$ 81,495.86
Total	<u>\$ 488,634.58</u>

Dated February 10, 2022

Supervisors Office – Town of Duanesburg

21.1374 – Duanesburg – Town Hall Addition -1-
 PRELIMINARY SCHEDULE



ESTIMATED PROJECT DURATION (PROJECT SCHEDULE)

C.T. Male anticipates that all design services and preparation for bidding would occur during the Winter and Early Spring of 2022. With bid phase and award of construction contracts completed by May 30, 2022, construction could occur during the 2022 summer/early fall season and avoid unnecessary inconveniences during the colder temperatures of winter construction. The following preliminary schedules is presented to the Town:

Design Phase Services		
07/2021 – 09/23/2021	Preliminary Design Services	COMPLETE
12/09/2021	Approval of Design Phase Services	COMPLETE
12/10/2022 – 03/10/2022	Design Development Phase	3 Months
03/02/2022 – 03/04/2022	- DD QAQC	3 days
03/10/2022	- DD Submission to Town	
03/09/2022 – 03/24/2022	- DD Town Review	2 weeks
03/24/2022	- DD Town Board Meeting	
03/10/2022 – 04/14/2022	Construction Document Phase	1 Month
04/04/2022 – 04/06/2022	- CD QAQC	3 days
04/13/2022	- CD Submission to Town	
04/14/2022 – 04/28/2022	- CD Town Review	2 weeks
04/28/2022	- CD Town Board Meeting	
04/28/2022	- Advertisement for Bid	
Bid Phase Services		6 Weeks
04/28/2022 – 05/26/2022	Bid Period	4 Weeks
05/04/2022	Pre-Bid Walkthrough	
05/18/2022	Final day to submit RFI's	
05/26/2022	Bids Due (usually 2:00pm cut-off)	
05/26/2022 – 06/02/2022	Bid review and recommendation	1 week
06/02/2022 – 06/09/2022	Contract Preparation and execution	1 Week
06/09/2022	Contract Executed & Notice to Proceed	
Construction Phase Services		22 Weeks
06/09/2022 – 10/13/2022	Construction Period	18 Weeks
10/13/2022	Substantial Completion	
10/13/2022 – 11/10/2022	Final Completion	4 Weeks

AIA® Document G802™ – 2017

Amendment to the Professional Services Agreement

PROJECT: *(name and address)*
 Town Hall Addition
 5853 Western Turnpike
 Duanesburg, NY 12056

AGREEMENT INFORMATION:
 Date: August 5, 2021

AMENDMENT INFORMATION:
 Amendment Number: 002
 Date: February 8, 2022

OWNER: *(name and address)*
 Town of Duanesburg
 5853 Western Turnpike
 Duanesburg, NY 12056

ARCHITECT: *(name and address)*
 C.T. Male Associates, Engineering,
 Surveying, Architecture, Landscape
 Architecture & Geology, D.P.C.
 50 Century Hill Dr., Latham NY 12110

The Owner and Architect amend the Agreement as follows:

The Scope of work is amended to add the following scopes of work.

Design and specifications for exterior site stair between upper and lower parking levels. stair will utilize concrete steps with concrete sidewalls and full depth footings. guard/handrail assemblies will be tube steel system on both sides of stair and designed in compliance with building code requirements.

Design and specifications for exterior digital sign. utilizing daktronics Galaxy ECCB 4'x6' display, double sided.

Asbestos Containing Material and Lead-based Paint Survey and Sampling as outlined in the attached Exhibit-A document.

The Architect's compensation and schedule shall be adjusted as follows:

Compensation Adjustment:

Site Stair:	\$ 3,200.00
Exterior Digital Sign:	\$ 1,800.00
ACM & Lead Paint Survey & Sampling	\$ 2,600.00
TOTAL FEE:	\$ 7,600.00

Schedule Adjustment:

Submitted Under Separate Cover. Draft Design, Bid and CA service schedule.

SIGNATURES:

C.T. Male Associates
 ARCHITECT *(Firm name)*

Town of Duanesburg
 OWNER *(Firm name)*

SIGNATURE

SIGNATURE

Nicholas Loboasco, R.A.
 PRINTED NAME AND TITLE

PRINTED NAME AND TITLE

2/8/2022
 DATE

DATE

C.T. MALE ASSOCIATES

Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

50 Century Hill Drive, Latham, NY 12110
518.786.7400 FAX 518.786.7299 www.ctmale.com



EXHIBIT-A

Asbestos Containing Materials and Lead-based paint survey and sampling services.

C.T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. (C.T. Male) is pleased to provide this proposal for asbestos containing materials and lead-based paint survey and sampling services. This survey will provide information regarding asbestos containing materials, as required, prior to renovation activity as well as the presence of lead-based paint. The following are the scope of services we will provide.

SCOPE OF SERVICES

1. Conduct a site-visit and inspect accessible building spaces for evidence of asbestos containing materials (ACM) in the following forms:
 - a. Sprayed or trowelled on surfacing materials;
 - b. Insulation on pipes, boiler, ducts;
 - c. Miscellaneous forms of ACM such as wallboard, ceiling tiles, floor tiles, fireproofing board;
 - d. Roofing, siding and other exterior materials.
2. Collect bulk samples of building materials suspected of containing asbestos per NYSDOL Code Rule 56. Samples will be analyzed by a NYS ELAP approved laboratory to determine asbestoform type and content. Materials containing asbestos content of more than 1% shall be identified as asbestos containing.
3. Collect bulk samples of homogeneous areas of suspect lead-based paint. Analysis will be accomplished using Inductively Coupled Plasma - Atomic Emission Spectrometry (ICP-AES). ICP-AES technology involves the collection of paint chip samples and subsequent laboratory analysis. This analysis provides precise weight percent data for each sample collected.
4. Prepare and submit a report(s) documenting the survey results, recommendations for appropriate response actions, and cost estimates to implement those actions.

Should it be necessary, C.T. Male can prepare hazardous material abatement specifications and any needed NYSDOL Site-Specific Variances for work to be performed based on the results of the survey. These services can be provided under a separate proposal.

C.T. MALE ASSOCIATES

February 8, 2022

Town of Duaneburg - Existing Town Hall

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FEES FOR SERVICES

The **Lump Sum** fee for C.T. Male to perform the building surveys, collect necessary samples and prepare a written report is **\$1,250.00**. This cost is based on timely and unrestricted access to building areas and includes mileage. Please be aware that sample collection of materials such as ceramic tile set, grout, and adhesives (such as mirror, paneling, etc.) will require damage to existing materials. C.T. Male will coordinate with a site representative prior to sampling these materials, or the materials can be "assumed" to be asbestos containing for the purposes of the report.

The **Estimated** fee for laboratory analysis of collected asbestos samples is **\$1,350.00**. Laboratory analysis costs are based on a per sample cost. We have provided this analysis fee based on *expected* materials; however the actual number of samples collected may change depending upon suspect materials encountered. You will be billed only for those samples analyzed. A breakdown of the unit prices for laboratory analyses are provided below.

ACM Bulk Sample Unit Costs	PLM	\$10.00per
	NOB-Prep	\$12.00per
	PLM-NOB	\$10.00per
	TEM-NOB	\$30.00per
Lead Bulk Sample Unit Costs	ICP-AES	\$20.00per

Please be aware that the NYSDOL and EPA are requiring two (2) samples of homogeneous miscellaneous materials (i.e. roofing, flooring, mastics, caulking, plasters, TSI, etc.) to be collected and analyzed to confirm a negative result. Only one (1) sample need be analyzed if the material is asbestos containing. We will be using the "positive-stop" directive with the lab to minimize analysis costs.

Also, the NYSDOH released an expansion of the July 22, 2014 "Testing Requirements for Spray-Applied Fireproofing Containing Vermiculite" with the "Testing Requirements for Surfacing Materials Containing Vermiculite" on May 6, 2016. Under this rule, any vermiculite containing plasters, or spray applied textured ceilings, etc. are subject to additional analysis, similar to vermiculite containing fireproofing. Should these materials be identified, additional costs (sometimes significant) may be incurred. If these materials are located, the Client will be notified prior to analysis and written approval for the expanded analysis will be requested.

C.T. MALE ASSOCIATES

Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

50 Century Hill Drive, Latham, NY 12110
518.786.7400 FAX 518.786.7299 www.ctmale.com



Municipal Agricultural and Farmland Protection Planning Grants

Funding Opportunity – Open Enrollment as of January 2022

NYS Agriculture & Markets - RFAA0263

- Source of Funds: State: Agriculture and Markets
 Contact: Jeff Kehoe
 New York State Department of Agriculture and Markets
 10B Airline Drive
 Albany, NY 12235
 (518) 457-4626
 Fax: (518) 457-3412
 jeffrey.kehoe@agriculture.ny.gov
- Applicants: Cities, towns, and villages. Counties also have similar grant opportunity (County Agricultural and Farmland Protection Planning Grant).
- Dates/Deadlines: **Open proposal deadline.** Announcements of awarded grants beginning biannually 04/01/2022. Projects should be completed within twenty-four (24) months of contract approval.
- Match Requirements: Municipalities must provide a twenty-five percent (25%) match of cash or in-kind services. A minimum of twenty percent (20%) of that match must be cash.
- Total/Awarded Funding - \$600,000.00/\$25,000.00 **municipalities** (\$50,000.00 **counties**)
- Eligible: New York State **municipalities** that are located within a county which has established an agricultural and farmland protection board are eligible to submit applications for funding under this RFA. Two municipalities may apply jointly, with one being the designated lead for contracting.
- Any New York **county** that has established an agricultural and farmland protection board and has not already prepared an agricultural and farmland protection plan that has been approved by the Commissioner is

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eligible to apply for funding under this RFA. A county which has an agricultural and farmland protection plan that has been approved by the Commissioner may apply for funding under this RFA for planning activities related to the updating of their current plan or development of a new plan if it has been at least 120 months (10 Years) from the date of such approval. For either type of application, two eligible counties may apply jointly. If applying jointly, one county must be designated as the lead county for contract purposes.

KEY NOTES FOR REVIEW & APPROVAL OF APPLICATIONS

All applications will be reviewed for eligibility and completeness. The Commissioner, in consultation with the Advisory Council on Agriculture, will determine whether an application shall receive funding within 90 days from the receipt of a complete application. The following criteria will be used by the Commissioner in determining approval of applications:

- the responsiveness of the grant application to the analytical factors required under AML §324-a*;
- the degree to which the need for agricultural protection by the municipality is substantiated by facts and trends;
- the adequacy of the plan of work (e.g. does it relate to the needs identified, is it logically constructed, and can it be accomplished within the timeframe predicted);
- the qualifications of the principals who will be developing the plan;
- the reasonableness of the estimated cost of developing the plan versus the work to be performed; overall compliance with procedural requirements of Article 25-AAA of the Agriculture and Markets Law; and
- the completeness of the application.

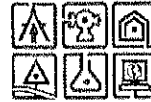
*AML §324-a:

Municipal agricultural and farmland protection plans
Agriculture & Markets (AGM) CHAPTER 69, ARTICLE 25-AAA
§ 324-a. Municipal agricultural and farmland protection plans. 1.
Municipalities may develop agricultural and farmland protection plans, in cooperation with cooperative extension and other organizations, including local farmers. These plans shall include, but not be limited to:

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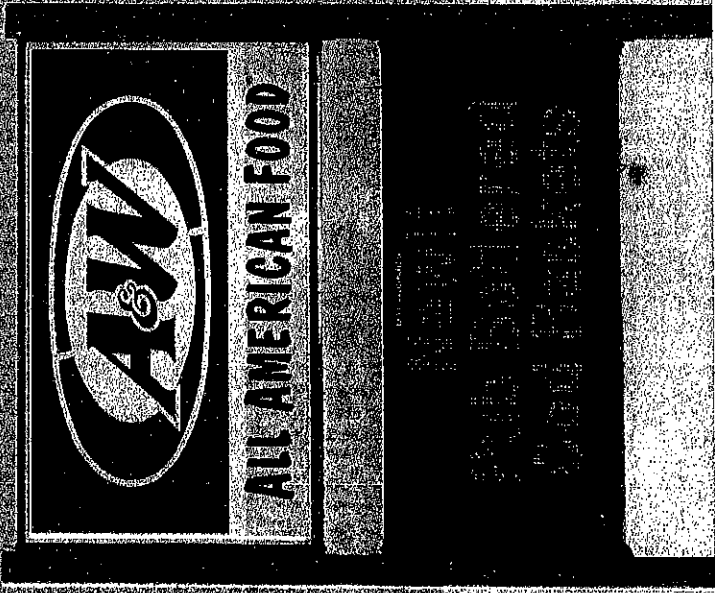
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- (a) the location of any land or areas proposed to be protected;
- (b) an analysis of the following factors concerning any areas and lands proposed to be protected:
 - (i) value to the agricultural economy of the municipality;
 - (ii) open space value;
 - (iii) consequences of possible conversion; and
 - (iv) level of conversion pressure on the lands or areas proposed to be protected; and
- (c) a description of activities, programs and strategies, including efforts to support the successful transfer of agricultural land from existing owners to new owners and operators, especially new and beginning farmers, intended to be used by the municipality to promote continued agricultural use, which may include but not be limited to revisions to the municipality's comprehensive plan pursuant to section two hundred seventy-two-a of the town law or section 7-722 of the village law as appropriate.

2. The municipality shall conduct at least one public hearing for public input regarding such agricultural and farmland protection plan, and shall thereafter submit such plan to the municipal legislative body and the county agricultural farmland protection board for approval.

3. The municipal agricultural and farmland protection plan must be submitted by the municipality to the commissioner for approval.

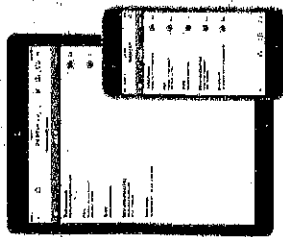


DAKTRONICS
GALAXY[®] ECCB
DISPLAYS

GALAXY



CONTROLLING YOUR GALAXY ECCB



CONTROL YOUR
ECCB WITH ANY
 WIFI READY DEVICE.

WEB-BASED CONTROL INTERFACE

Control your Galaxy eCCB with a WiFi ready device. Use your web browser to create and schedule content. The control interface features include:

- Templates for one to four lines of text options (dependent upon display size)
- A fully-reconfigurable, pre-determined font
- Capacity to create and schedule up to 18 messages.
- No need to download software.

"If you can use a cell phone app, you can control an eCCB. It's very easy to instantaneously create and edit messages – from INSIDE the building. Before the eCCB, we'd leave a message up for months because it was too hard and too costly to change the copy board in the winter. Changing our copy board use to be a job we dreaded – this eCCB changed that!"

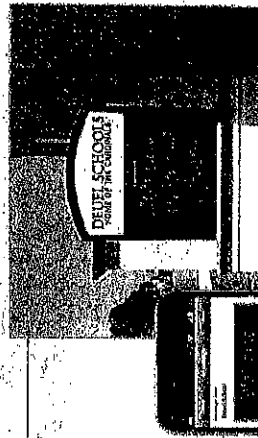
— Julie Puetz, Vice President of BankStar Financial
 Brookings, South Dakota

GREAT USER EXPERIENCE

The Galaxy eCCB LED display gives you the ability to post timely messages in any weather conditions.

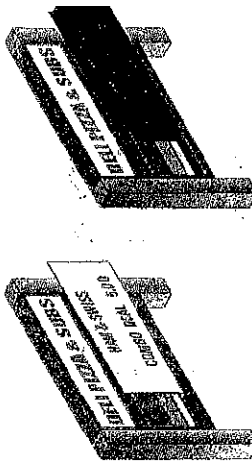
The Galaxy eCCB's most important feature is its easy, fast operation using a WiFi ready device. We kept it simple. The eCCB's control interface offers your users:

- Easy operation for anyone with average computer skills
- Pre-determined font size, color, and style
- Basic scheduling to run messages at different times of day.



LOW INSTALLATION COSTS

Installation costs are low, too. The Golex eCCB installs into a copy board structure and uses the power already on site to run on. In addition, control setup isn't needed, since communication with the display is wireless and built in.



FIVE DISPLAY SIZES AVAILABLE

Size	Area (sq. ft.)	Screen Height	Number of Lines	Character pitch
5' x 8'	32x100	10"-16.5"	1	6-8
			2	11-13
			1	4-6
			2	6-8
4' x 6'	48x60	11"-16.5"	3	8-10
			1	6-8
			2	8-10
4' x 8'	48x100	11"-16.5"	3	11-13
			1	4-6
			2	6-8
5' x 8'	64x100	12.5"-22"	3	8-10
			4	11-13
			1	7-8
5' x 10'	64x140	12.5"-22"	2	9-11
			3	12-14
			4	15-18

Specifications are approximate. Request a Datacard copy drawing for precise specifications.

DEPENDABLE BY DESIGN

TESTED FOR RELIABILITY

Our technicians test every Datacard product to its limits in our state-of-the-art reliability lab. Testing ensures that we address any design issues early in the product's development.



ECOB TECHNICAL SPECIFICATIONS

Readable in effect of sunlight
Available in red
7 years to a chargeable copy board structure
10 inches minimum character height based on model
Text only; no graphics, contractions, effects, font styles, or color options.

WWW.DAKTRONICS.COM/GALAXY



201 Daktronics Drive PO Box 5128 Brookings, SD 57006-5128
tel 888-325-7446 • 605-692-0200 ext. 57220 fax 605-692-0381
www.daktronics.com/commercial email sales@daktronics.com
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GALAXY® ECCB PRODUCT SPECIFICATIONS

The Galaxy eCCB (electronic changeable copy board) offers organizations a product that will attract more business than a manual changeable copy board. Users control the display from any Wi-Fi ready mobile phone or tablet through a web browser; little training is needed.

19.8 MM TECHNICAL SPECIFICATIONS

Lines of Text:

1-4 lines of text
depending on display size

Line Spacing:

19.8 mm (0.78")

Pixel Configuration:

1, red

Maximum Brightness:

4,000 nits

Color Capability:

Red

Optimal Viewing Angle:

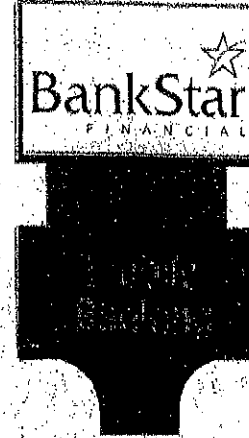
140 degrees horizontal by
70 degrees vertical

Readability Angle:

160 degrees horizontal by
90 degrees vertical

Minimum Viewing Distance:

45'



PRODUCT FEATURES



EASY INSTALLATION

- › Cabinet retrofits into existing copyboard structure

SIMPLIFIED INTERFACE

- › Requires no set up for control

POWER CONNECTIONS

- › Uses the power already on-site

A100 SERIES SPECIFICATIONS

Estimated LED Lifetime:

100,000+ hours

Contrast Enhancement:

Non-reflective black louvers and module face grooves disperse light

Cabinet Configuration:

Front-ventilated single cabinet

Graphic Capability:

Fixed format text only

Control Software:

Web Browser Based Interface

Control Device/Range:

Popular smartphone and tablet devices;
Up to 400 ft. - device & environment dependent

Power:

120 VAC single phase

Display Dimming:

64 levels (automatic or manual control)

Communication Method:

WiFi Access

Operating Temperature:

-40°F to 120°F with 99% RH non-condensing

Compliance Information:

UL and cUL Recognized; UL and cUL Classified, FCC compliance

MODEL NUMBER GUIDE

eCCB - A100 x3FT x 8FT - 19.8 - R - SF

Series

Generation

Height

Width

Line Spacing

LED Color

Single Face or Two View

DISPLAY CONFIGURATIONS



Single-face (SF)
Standard sizes available



Two-view (2V)
Standard sizes available

DAKTRONICS.COM COMMERCIAL@DAKTRONICS.COM

201 Daktronics Drive PO Box 5128 Brookings, SD 57006-5128
tel 888-325-7446 605-692-0200 ext 57220 fax 605-692-0381

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DAKTRONICS

GALAXY® ECCB PRODUCT SPECIFICATIONS

eCCB 19.8 MM RED

Lines x Column	Cabinet Dimensions Ft-In H x W x D	Cabinet Dimensions Meters H x W x D	Cabinet Square Feet (Sq Meters)	Active Area Square Feet (Sq Meters)	Single-face Weight Pounds (kg)	Two-View Weight Pounds (kg)	Lines	Characters/ Line	Character Height	Single-face Max Watts Red	Two-View Max Watts Red																																																										
32x100	3'0" x 8'0" x 5"	0.91 x 2.44 x 0.13	24 (2.2)	13.6 (1.4)	140 (64)	280 (127)	1	6-8	10"-16.5"	275	550																																																										
							2	11-13				48x80	4'0" x 6'0" x 5"	1.22 x 1.83 x 0.13	24 (2.2)	16.3 (1.6)	135 (61)	270 (123)	1	4-6	11"-16.5"	265	530	2	6-8	3	8-10	48x100	4'0" x 8'0" x 5"	1.22 x 2.44 x 0.13	32 (3.0)	20.3 (2.0)	180 (82)	360 (164)	1	6-8	11"-16.5"	325	650	2	8-10	3	11-13	64x100	5'0" x 8'0" x 5"	1.52 x 2.44 x 0.13	40 (3.7)	27.1 (2.6)	220 (100)	440 (200)	1	4-6	12.5"-22"	375	750	2	6-8	3	8-10	4	11-13	64x140	5'0" x 10'0" x 5"	1.52 x 3.05 x 0.13	50 (4.6)	37.9 (3.6)	290 (132)	580 (263)	1
48x80	4'0" x 6'0" x 5"	1.22 x 1.83 x 0.13	24 (2.2)	16.3 (1.6)	135 (61)	270 (123)	1	4-6	11"-16.5"	265	530																																																										
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							3	12-14																																																													
							4	16-18																																																													

DAKTRONICS.COM COMMERCIAL@DAKTRONICS.COM

201 Daktronics Drive PO Box 5128 Brackings, SD 57006-5128
 tel 605-692-7416 fax 605-692-0200 ext 57220 fax 605-692-0381
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Town of Duanesburg Town Board

RESOLUTION NO. 20 2021

February 10, 2022

WHEREAS, the Town of Duanesburg Town Board has established Duanesburg Sewer Districts Nos. 1 and 3;

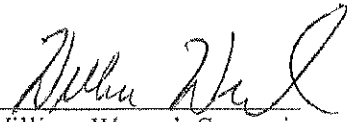
WHEREAS, the Delanson Wastewater Treatment Plant (the "Delanson WWTP") serves Duanesburg Sewer Districts Nos. 1 and 3;

WHEREAS, the Town Board retained Delaware Engineering, D.P.C., ("Delaware") for professional services in connection with Long Term Improvements Project at the Delanson WWTP (the "Project"); and

WHEREAS, Delaware has submitted an invoice, dated January 13, 2022, for Town Board review in the amount of \$6,679.48 for professional services rendered through January 2, 2022 ("Professional Services Invoice No. 22"); and

NOW, THEREFORE, BE IT RESOLVED, the Town Board approves Professional Services Invoice No. 22 and authorizes the Town Supervisor to submit the documentation to New York State Environmental Facilities Corporation to obtain the funds to pay the invoice and upon receipt of such funds authorizes payment to Delaware in the amount of \$6,679.48.

By (unanimous/majority) vote of the Town Board of the Town of Duanesburg at its regular meeting of February 10, 2022.


William Wenzel, Supervisor


Town Clerk/Deputy Town Clerk

Date

Date 2/10/22

Present: ALL
Absent:

Town Board Members:

William Wenzel	<input checked="" type="radio"/> Yea	Nay	Abstain
John Ganther Jr.	<input checked="" type="radio"/> Yea	Nay	Abstain
Francis R. Potter	<input checked="" type="radio"/> Yea	Nay	Abstain
Dianne Grant	<input checked="" type="radio"/> Yea	Nay	Abstain
Andrew Lucks	<input checked="" type="radio"/> Yea	Nay	Abstain


DELAWARE ENGINEERING, D.P.C.

 55 South Main Street
 Oneonta, NY 13820

 Tel: 607.432.8073
 Fax: 607.432.0432

January 17, 2022

 Town of Duanesburg
 Attn.: Bill Wenzel, Town Supervisor
 Town Hall
 5853 Western Turnpike
 Duanesburg, NY 12056

 Re: Delanson WWTP (SD#1 & SD#3)
 Long Term Improvements Project - Professional Services Invoice #22

Dear Supervisor Wenzel:

Attached for Town review, processing and payment is our invoice totaling \$6,679.48 for services related to the above referenced project.

Services provided during December 2021 include:

- Continued communications with Town and regulatory agencies
- Review contractor's payment and change order requests
- Travel to site to review project status with Town and contractors
- Coordinate startup of all remaining equipment with Town and contractors, place new improvements into service ahead of consent order deadline

Services anticipated to be provided during January 2022 include:

- Continued communications with Town and regulatory agencies
- Review contractor's payment and change order requests
- Travel to site to review project status with Town and contractors
- EFC Compliance Documentation

Please contact me at 607-432-8073 if you have any questions.

Respectfully,

DELAWARE ENGINEERING, D.P.C.

 Bill Brown, P.E. for
 Dave Ohman, P.E.

Attachment

CC: Cheryl DeCarr, Delaware Engineering, D.P.C. (w/enclosures)

I:\2022 Duanesburg (T) Delanson WWTP Long Term Improvements CL 22

Other New York Offices:

 Albany Goshen Liberty Monticello Red Hook Wallon
www.delawareengineering.com

C22008



Delaware Engineering, D.P.C.
28 Madison Ave. Ext.
Albany, NY 12203
(518) 452-1290



ORIGINAL

Town of Duaneburg
Town Hall
5853 Western Turnpike
Duaneburg, NY 12056

Invoice number 19-1712-22
Date 01/13/2022

Project 19-1712 Town of Duaneburg - Delanson
WWTP Long Term Improvements

For Services Rendered Through January 02, 2022

3 Construction Management/Admin

	Hours	Rate	Billed Amount
Edward Dombrowski	8.00	105.00	840.00
William J. Brown	3.00	155.00	465.00
subtotal	9.00		1,095.00
Phase subtotal			1,095.00

4 Construction Inspection

	Hours	Rate	Billed Amount
Eric Michalitsch	4.00	110.00	440.00
Michael Primmer	13.00	165.00	2,145.00
Timothy Heldt	13.00	135.00	1,755.00
subtotal	30.00		4,340.00

REIMBURSABLES

	Units	Rate	Billed Amount
Michael Primmer			
Mileage - Oneonta 2021	251.00	0.56	140.56
Timothy Heldt			
Mileage - Albany 2021	632.00	0.56	353.92
Reimbursables subtotal			494.48
Phase subtotal			4,834.48

**6A NYSEFC Contract Coordination (SUB-Deroo Consulting)
CONSULTANT**

	Units	Rate	Billed Amount
Deroo Consulting			750.00

Invoice total 6,679.48

Approved by:
William J. Brown

Please remit payment to:
Delaware Engineering, D.P.C.
28 Madison Ave. Ext.
Albany, NY 12203

C22-008

DELAWARE ENGINEERING, D.P.C.

55 South Main Street, Oneonta, New York 18820 Phone 607-482-8078/FAX 607-482-0432

ORIGINAL

Town of Duanesburg
 Town Hall
 5853 Western Turnpike
 Duanesburg, NY 12056

PROJECT ID 19-1712

PROJECT: Delanson WWTP Long Term Improvements
 INVOICE/REQUISITION No.: 22

	CURRENT COST	PREVIOUS COST	COST TO DATE	BUDGET
1. Task 1 - Design				
Labor	\$ -	\$ 54,532.50	\$ 54,532.50	\$ 55,300.00
Reimbursable Expenses	\$ -	\$ 767.19	\$ 767.19	
Subcontractors (Atlantic Testing Laboratories)	\$ -	\$ 8,700.00	\$ 8,700.00	\$ 8,700.00
Subcontractors (Ryan Biggs Clark Davis Eng & Surveying)	\$ -	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
Subcontractors (Whitman Engineering)	\$ -	\$ 10,000.00	\$ 10,000.00	\$ 11,000.00
SUBTOTAL - TASK 1	\$ -	\$ 98,999.69	\$ 98,999.69	\$ 100,000.00
2. Task 2 - Bid/Award				
Labor	\$ -	\$ 7,496.25	\$ 7,496.25	
Reimbursable Expenses	\$ -	\$ -	\$ -	
SUBTOTAL - TASK 2	\$ -	\$ 7,496.25	\$ 7,496.25	\$ 7,500.00
3. Task 3 - Construction Management/Admin				
Labor	\$ 1,095.00	\$ 45,291.25	\$ 46,386.25	
Reimbursable Expenses	\$ -	\$ 638.40	\$ 638.40	
Subcontractors (Atlantic Testing Laboratories)	\$ -	\$ 1,867.50	\$ 1,867.50	
SUBTOTAL - TASK 3	\$ 1,095.00	\$ 47,797.15	\$ 48,892.15	\$ 50,000.00
4. Task 4 - Construction Inspection				
Labor	\$ 4,340.00	\$ 61,761.25	\$ 66,101.25	
Reimbursable Expenses	\$ 494.48	\$ 2,527.84	\$ 3,022.32	
SUBTOTAL - TASK 4	\$ 4,834.48	\$ 64,289.09	\$ 69,123.57	\$ 74,000.00
5. Task 5 - As Built Drawing Preparation				
Labor	\$ -	\$ -	\$ -	\$ 500.00
Reimbursable Expenses	\$ -	\$ -	\$ -	
Subcontractors (Synergetic Solutions, LLC)	\$ -	\$ -	\$ -	\$ 3,000.00
SUBTOTAL - TASK 5	\$ -	\$ -	\$ -	\$ 3,500.00

C22008

DELAWARE ENGINEERING, D.P.C.

55 South Main Street, Oneonta, New York 18820 Phone 607-482-8078/FAX 607-482-0482

ORIGINAL

	CURRENT COST	PREVIOUS COST	COST TO DATE	BUDGET
6. Task 6 - NYSEFC Contract Coordination				
Labor	\$ -	\$ 4,998.75	\$ 4,998.75	\$ 5,000.00
Reimbursable Expenses	\$ -	\$ -	\$ -	
Subcontractors (Deroo Consulting)	\$ 750.00	\$ 8,051.43	\$ 8,801.43	\$ 10,000.00
SUBTOTAL - TASK 6	\$ 750.00	\$ 13,050.18	\$ 13,800.18	\$ 15,000.00
7. Task 7 - Preliminary Engineering				
Labor	\$ -	\$ 70,894.70	\$ 70,894.70	\$ -
Reimbursable Expenses	\$ -	\$ -	\$ -	
SUBTOTAL - TASK 7	\$ -	\$ 70,894.70	\$ 70,894.70	\$ 70,894.70
TOTAL	\$ 6,679.48	\$ 302,527.06	\$ 309,206.54	\$ 320,894.70
AMOUNT DUE FOR CURRENT SERVICES	\$ 6,679.48			
AMOUNT PAST DUE	\$ 3,557.20	Invoice #20, 11/11/2021		
TOTAL NOW DUE	\$ 10,236.68			
BUDGET BALANCE		\$ 11,688.16		

THIS STATEMENT REFLECTS PAYMENTS RECEIVED ON OR BEFORE BILLING DATE

C-22608

**ORIGINAL
INVOICE**

Deroo Consulting

Fiscal Assistance
13 McKinley Drive
Delmar, New York 12054
(616) 886-6678
derooconsulting@gmail.com

INVOICE NO: 65
DATE: January 5, 2022

#19-1712
#6A

Delaware Engineering, DPC

56 South Main Street
Oneonta, NY 13820
607-432-8073
607-432-0432 FAX

DESCRIPTION	UNIT PRICE	AMOUNT
Town of Duanesburg WWTP Project C4-5469-06-00		\$750.00
Total Hours: 10 hours in December 2021	\$75 per hour	\$ 750.00
<ul style="list-style-type: none"> • MWBE Monthly reports: compilation and submission • MWBE compliance • Follow up on Document Collection questions from EFC and finalization 		\$ 0.00
Mileage (round trip):	\$0.56 per mile	\$0.00
Postage	as per receipt	\$ 0.00
Supplies and copies (see receipts)		\$ 0.00

Make all checks payable to: Leslie Deroo
If you have questions concerning this invoice, call: Leslie Deroo, (616) 886-6678

THANK YOU FOR YOUR BUSINESS

Town Board of the Town of Duaneburg

RESOLUTION no. 21 2022

Town Board meeting on February 10, 2022

WHEREAS, the Town of Duaneburg, along with the other Towns and Villages in Schenectady County and with the assistance from Schenectady County, has gathered information and prepared the Schenectady County Natural Hazard Mitigation Plan found at the following link <https://schenectady.mitigation.org>; and

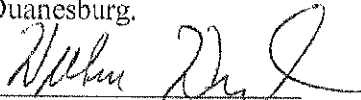
WHEREAS, the Schenectady County Natural Hazard Mitigation Plan has been prepared in accordance with the Disaster Mitigation Act of 2000; and


WHEREAS, the Town of Duaneburg through the efforts of Schenectady County has afforded the citizens of the Town as part of the County an opportunity to comment and provide input on the Schenectady County Natural Hazard Mitigation Plan and the actions in the Plan; and

WHEREAS, the Town Board of the Town of Duaneburg has reviewed the Plan and affirms that the Plan will be updated no less than every five years;

NOW THEREFORE, BE IT RESOLVED by the Town Board of the Town of Duaneburg that the Town of Duaneburg hereby adopts the Schenectady County Natural Hazard Mitigation Plan as the Town's Natural Hazard Mitigation Plan, and resolves to execute the actions in the Plan.

ADOPTED this 10th day of February 2022 at the meeting of the Town Board of the Town of Duaneburg.


William Wenzel, Supervisor


Town Clerk/Deputy Town Clerk

Date

Date 2/10/22

Present: ALL
Absent:

Town Board Members:

William Wenzel	<u>Yea</u>	Nay	Abstain
John Ganther Jr.	<u>Yea</u>	Nay	Abstain
Francis R. Potter	<u>Yea</u>	Nay	Abstain
Dianne Grant	<u>Yea</u>	Nay	Abstain
Andrew Lucks	<u>Yea</u>	Nay	Abstain

TOWN OF DUANESBURG TOWN BOARD

RESOLUTION 22 2022

February 10, 2022

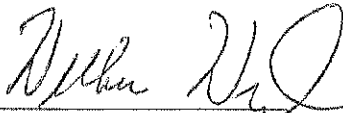
WHEREAS, the Town, pursuant to Town Law § 184, must provide for the furnishing of fire protection within the Fire Protection Districts; and

WHEREAS, the Town Board has contracted for the provision of fire protection services with the Village of Esperance for fire protection services within Fire Protection District No. 3 for calendar year 2022; and


WHEREAS, the Town has identified an error with the contract amount for the 2022 Village of Esperance fire protection contract; and

WHEREAS, the Town proposes to correct such error, as set forth in the attached contract page, by changing the contract amount from **\$79,209.00 to \$81,249.00**, so that the contract is consistent with the Town's 2022 Budget.

NOW, THEREFORE, BE IT RESOLVED, that the Town Board of the Town of Duaneburg approves and authorizes the correction of the contract amount for the 2022 Village of Esperance fire protection contract.



William Wenzel, Supervisor



Jennifer Howe, Town Clerk

Present: ALL
Absent:

Council Members:

William Wenzel	<input checked="" type="radio"/> Yea	<input type="radio"/> Nay	<input type="radio"/> Abstain
John Ganther	<input checked="" type="radio"/> Yea	<input type="radio"/> Nay	<input type="radio"/> Abstain
Rick Potter	<input checked="" type="radio"/> Yea	<input type="radio"/> Nay	<input type="radio"/> Abstain
Andrew Lucks	<input checked="" type="radio"/> Yea	<input type="radio"/> Nay	<input type="radio"/> Abstain
Dianne Grant	<input checked="" type="radio"/> Yea	<input type="radio"/> Nay	<input type="radio"/> Abstain

permitted by law, indemnify, defend and hold the Indemnified Parties (as defined in Article 8 hereof) harmless of and from any and all liability of any name, nature and kind imposed upon the Indemnified Parties as a result of the performance of such services, except for liability arising out of the negligence or willful misconduct of the Town. This indemnification obligation shall survive the expiration or termination of this Agreement. Nothing contained in this Article 1, Paragraph D, shall obligate the Town to perform any such services. The provision of such services in non-emergency situations is expressly prohibited.

Article 2. Term.

A. This Agreement shall take effect on January 1, 2022 (the "Effective Date") and shall continue for the remainder of the year ending December 31, 2022, provided however, that this Agreement shall be deemed renewed on the same basis each year thereafter for a further calendar year (January 1 – December 31) without any further public hearing unless the Town or Village shall notify the other party in writing on or before the twentieth day of August that it elects to terminate this Agreement effective on December 31 in that year.

B. The term of this Agreement including renewals shall not exceed five (5) years or December 31, 2025 without an additional public hearing.

C. Any requests for amendment to this Agreement during its initial term or any renewal portion thereof must be made in writing to the Town on or before the twentieth day of August of any year that this Agreement is in force.

Article 3. Consideration.

In consideration of the furnishing of said fire protection (and emergency services) as set forth herein, the Town shall pay to the Village a fire protection fee (the "Fire Protection Fee") in the amount of eighty-one thousand two hundred forty-nine dollars (\$81,249.00). Such Fire Protection Fee is to be charged upon the Fire Protection District, to be assessed and levied upon the taxable property within the Fire Protection District and collected with the Town taxes, and the Town shall pay the Fire Protection Fee over to the Village on or before March 31st during each year under this Agreement.

Article 4. Insurance.

Commercial General Liability (CGL):

Commercial General Liability with limits not less than \$1,000,000 per occurrence, \$2,000,000 general aggregate, \$2,000,000 products - completed operations aggregate. General Aggregate must apply on a per project basis. Such insurance shall cover liability arising from premises, operations, independent contractors, product-completed operations, personal and advertising injury and liability assumed

PO Box 160
Quaker Street, NY 12141

William Wenzel, Supervisor
Town Board
Town of Duanesburg
5853 Western Turnpike
Duanesburg, NY 12056

February 10, 2022

RE: Town Board Privilege of the Floor

Dear Supervisor Wenzel and the Town Board,

Lynne Bruning 13388 Duanesburg Road.

Please include my statement with the official meeting minutes for tonight's town board meeting as posted on the town website.

Has the town board taken any action to encourage the town engineer, Doug Cole of PrimeAE, to be more attentive and accurate in his verification of Oak Hill Solar 1, LLC and Oak Hill Solar 2, LLC compliance with the Duanesburg Zoning Ordinance and its Solar Law?

At the September 19, 2019 planning board meeting this town engineer claimed to review the Project's glare study and informed the Planning Board that it met all requirements of the local law. Review of the application indicates that Oak Hill Solar only submitted FAA navigational studies. My communication with the FAA confirms that their Navigational studies are not related to glare from a solar array on to the abutting parcels, nearby homes or adjacent roadways.

This engineer failed to inform the Planning Board that Environmental Design Partnership's March 11, 2019 letter to the Board erroneously claimed that the nearest neighboring home is 1,600 feet from the solar array. He did not inform the Board that this home was omitted from the site plan. The nearest home is 535 feet from the shared property line. The Project set back is 100 feet. It appears that the engineer was in error of approximately 1,000 feet.

The 2019 FEAF reflects that there are no buildings and no HVAC systems. If the Project included battery energy storage systems then this section of the FEAF should include storage

containers, air-conditioning and heating elements. The 2019 site plan and FEAF do not indicate buildings and the required environmental control equipment.

Review of the 2019 application indicates that the engineer may not have considered Solar Law 3.j. which states that a solar project may create no discernible difference in noise at the property line. It appears that Solar Law 3.j. was never mentioned during the 2019 Project review even though the Project included tracking motors, inverters, transformers and other noise generating equipment.

At the July 2021 Planning Board meeting the town attorney suggested that this same engineer review the Amendment to Oak Hill Solar 1, LLC and Oak Hill Solar 2, LLC. It appears that the town engineer has not informed the planning board that zoning ordinance 5.7.1 limits fences to 6 feet and that the Projects proposed 8 feet in height fence may need a zoning variance. October 2021 the town engineer informed the board that the Project Noise Analysis was in compliance. Curiously, from my review of the Amendment application the engineer does not mention Solar Law 3.j. and it appears that the engineer did not inform the Board that the August 2021 Noise Analysis omits more than half of the noise generating equipment including more than 225 tracking motors some of which are 125 feet from the property line.

In the town engineer's November 18, 2021 letter to the Board he stated that the Full Environmental Assessment Form FEAF Part 3 is satisfactorily addressed. Upon review of the FEAF Part 3, the Negative Declaration states that the Project is 800 feet north of Duanesburg Road. The 2019 application stated that the Project is nearly 1,500 feet north of Duanesburg Road. This is a difference of 700 feet in siting the southern boundary of the Project. This is a significant change in the location of the Project and its impact on abutting parcels. It appears that the town engineer does not mention this significant change.

Hiring outside professionals to review projects and provide expert information costs the town money. Errors, omissions and lack of guidance may create future environmental problems as well as possible legal actions for the town and taxpayers. This may cost the town additional funds and may diminish the town's property tax revenue. Our town is not wealthy. Our citizens rely on their property values to increase personal wealth. I ask that the town board act in a fiscally responsible manner concerning the town engineer's performance during the review the Oak Hill Solar 1 and 2 projects since 2018.

Thank you for your time and consideration.

Respectfully,
Lynne Bruning
720-272-0956
lynnebruning@gmail.com

PO Box 160
Quaker Street, NY 12141

William Wenzel, Supervisor
Town Board
Town of Duanesburg
5853 Western Turnpike
Duanesburg, NY 12056

February 4, 2022

Re: Oak Hill Solar 1, LLC and Oak Hill Solar 2, LLC

Dear Supervisor Wenzel and the Town Board,

Please provide this letter and attached color image to the town board members for consideration at the next town board meeting. Please include this letter and attachments with the official meeting minutes as posted on the the town website.

We are immensely concerned about Oak Hill Solar's design and storm water pollution prevention plan's impact on the abutting parcels, surrounding neighborhood and the greater Town of Esperance-Schoharie Creek watershed. Our Comprehensive Plan's vision statement was agreed to by the taxpayers and should be a guiding force on the town's development and land use planning. It says:

"The Town of Duanesburg is a proud community of strong heritage and rural character. We encourage the preservation of our attractive and cultural landscape. We provide economically vibrant commercial and retail zones, and a variety of quality housing, cultural and recreational options. We are committed to sustaining our valuable economic and natural resources, particularly agricultural land use, open spaces, natural habitats, and fresh watersheds. We support thoughtful growth and development that enable affordable taxes, enhances the character of commercial and residential zones, improves our schools, and provides local business and employment opportunities."

We urge the Board to protect and preserve our natural resources and rural community character.

Attached are three appendix that detail some of our concerns:

Appendix A provides information for parcels 74.00-3-18 and 74.00-3-19. These lands already experience erosion from rain and snow melt stormwater run off from tax id parcel 74.00-2-5.1, the proposed Oak Hill Solar site. Constructing hundreds of 13.3 feet wide rows of tracking solar panels along a north -south axis may increase sheet flow down the steep 10-15% grade slope. The images clearly document that the highest point of the site is in the south and the lowest point

is in the north east corner. Increased stormwater into the abutting parcels may further erode the lands and diminish agricultural revenue, This may decrease property values.

Appendix B provides more detailed information on the existing stormwater conditions at the property lines of Oak Hill Solar 2, LLC and parcel 74.00-3-18 to the east and parcel 74.00-3-19 to the north east. The photos show stormwater flow, standing water, drain ditches and gully formations. Increased stormwater flow from hundreds of 13.3 feet wide rows of solid surface solar panels oriented on a north to south axis on a 10-15% downward grade constructed on 100% poorly drained and highly erodible clay soils is very likely to increase stormwater impacts on the abutting parcels.

Appendix C provides detailed information on the tracking solar panels. The January 6, 2022 site plan and the June 29, 2021 mechanical drawings reflect hundreds of 13.3 feet wide rows of solar panels constructed on a north - south axis. The highest elevation on the site is at the south fence line, 1170 feet, and the lowest point of the site is the north east corner fence post, 1060 feet. It appears that the Project's orientation, site topography and the necessity to store panels flat during high wind and storm conditions may create hundreds of 13.3 feet wide solid surface flat paneled rows directing water sheet flow down the 10 - 15% grade slope to the north and the east. In 2021 the site failed percolation tests. It is unknown if percolation tests were taken at the northern fence line. There is a drainage ditch at the northern property line. This frequently overflows into parcel 74.00-3-19. It is unlikely that wet swales, infiltration trenches and level spreaders would prevent excess stormwater flow onto abutting parcels.

While we understand New York State's goal to reach net zero emissions, construction of 65 acres of solar panels and proposed battery energy storage on 100% poorly drained clay soils may increase stormwater damage to the abutting properties. The Project's 16.5 feet tall transformers, 9.5 feet tall battery storage containers, inverters, DC-DC converters, and more than 215 tracking motors is an industrial use which is not suitable for in compliance with a rural residential zoned community. Our Comprehensive Plan does not support the industrialization of our rural lands.

We request that the Board deny the Project an Amendment for battery energy storage.

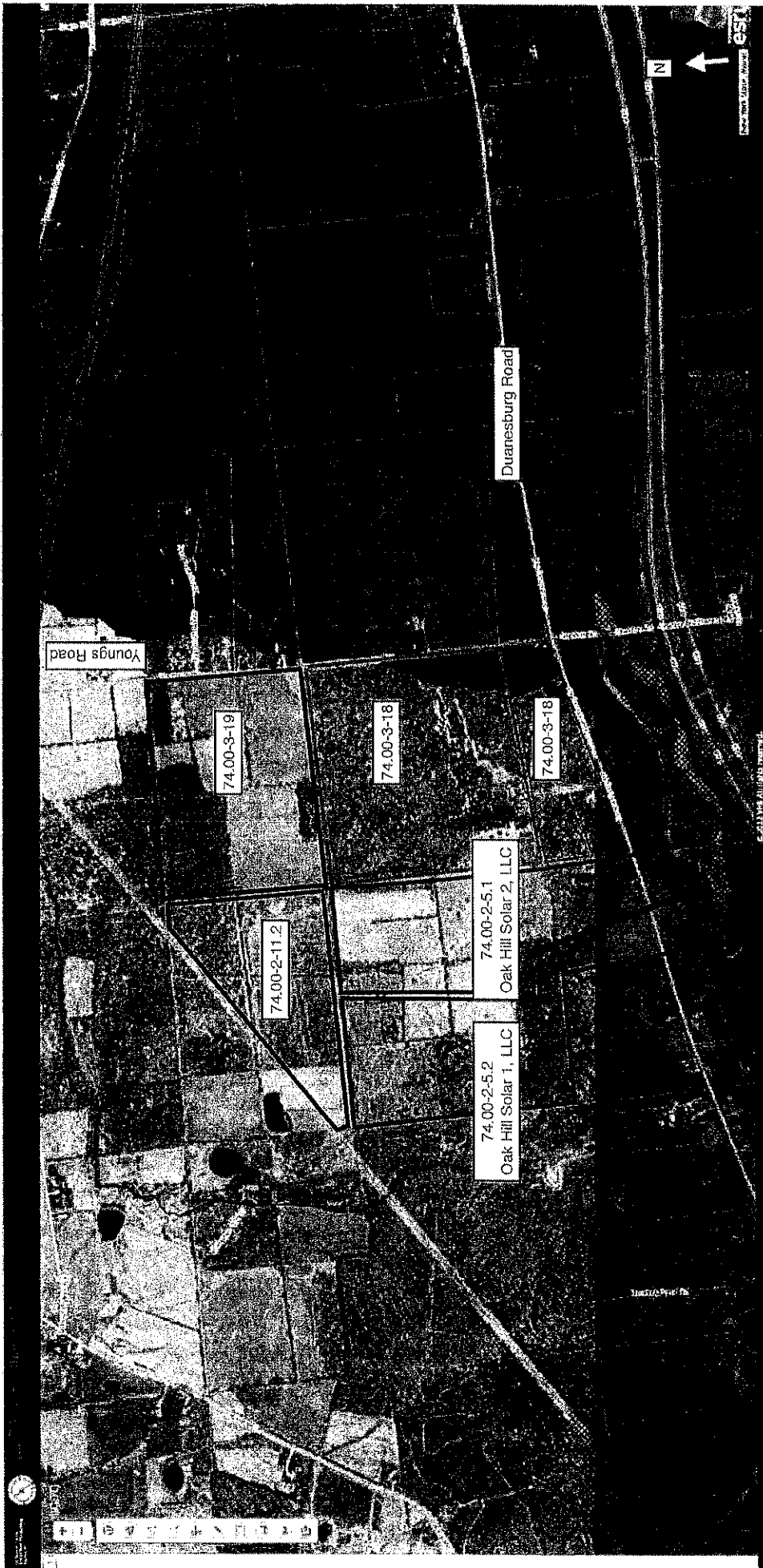
Furthermore, we request that the Board deny Oak Hill Solar 2, LLC in its entirety a building permit because the site failed percolation tests, the Project may not have obtained required permits from US Army Corps of Engineers and the New York State Department of Environmental Conservation, and the January 6, 2022 Stormwater Pollution Prevention Plan fails to protect abutting parcels 74.00-3-18 and parcel 74.00-3-19 from stormwater erosion and damages.

Thank you for your time and consideration.

Respectfully,

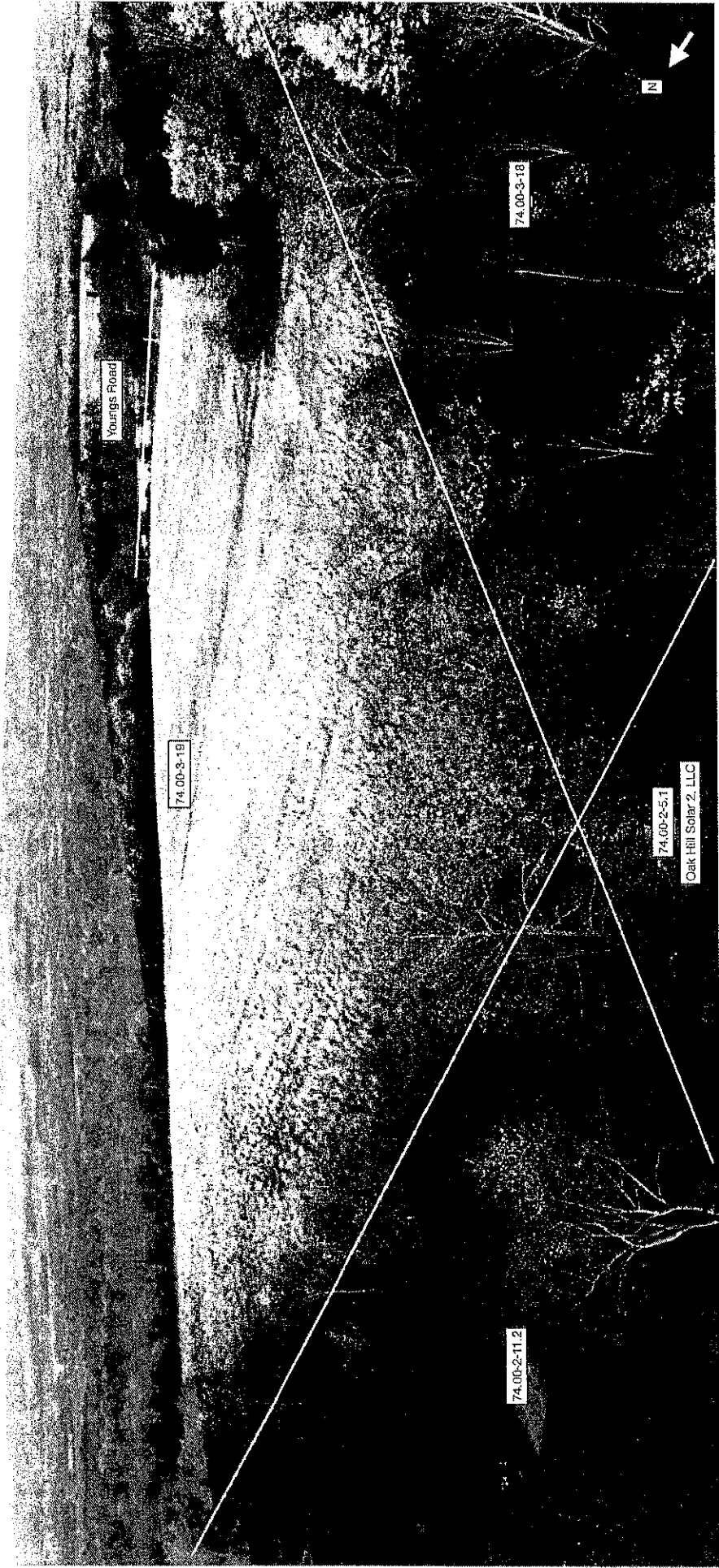
Susan Biggs 13388 Duanesburg Road tax id parcel 74.00-3-18
Lynne Bruning 13388 Duanesburg Road tax id parcel 74.00-3-18
Pam Rowling tax id parcel 74.00-3-19
Wallace Johnson tax id parcel 74.00-3-19

Appendix A

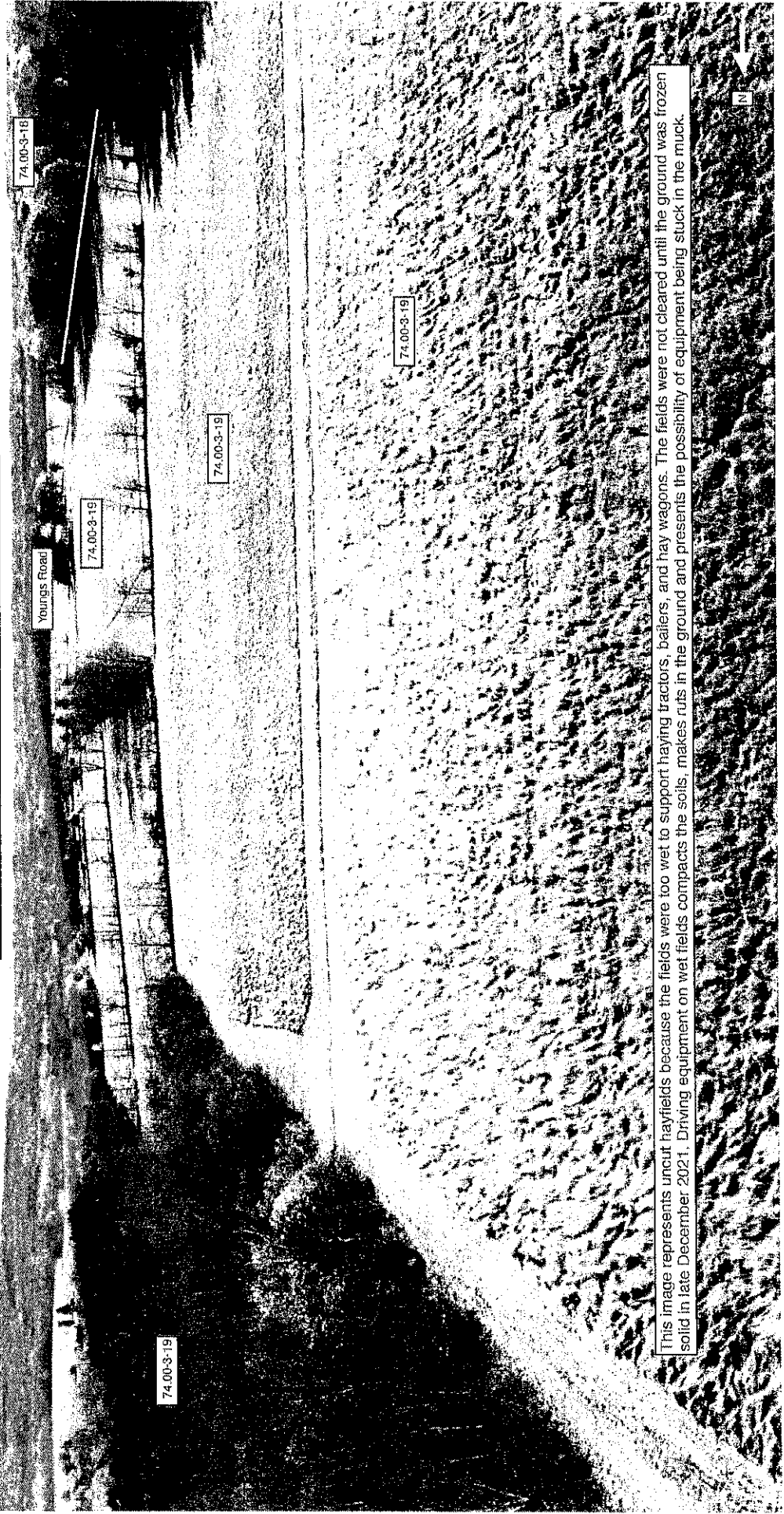


Oak Hill Solar 1, LLC, proposed for parcel 74.00-2-5.2, and Oak Hill Solar 2, LLC, proposed for parcel 74.00-2-5.1, are located at 13590 Duaneburg Road, Delanson in the Town of Duaneburg in Schenectady County, New York 12058. The Project site is divided by Duaneburg Road, New York State Route 7. The site's highest elevation is 1170 feet and is found on the site's south fence line. The lowest elevation is 1060 feet which is found at the north east corner of the project. The Project site abuts unrelated parcels 74.00-2-11.2 to the north, 74.00-3-19 to the north east and parcel 74.00-3-18 to the east. The site is steeply sloped 100% poorly drained clay soils. The site drains into parcels 74.00-3-18 and 74.00-3-19. Abutting landowners are strongly opposed to the project due to existing storm water run off and damage to parcel 74.00-3-18 and parcel 74.00-3-19. The abutters are very concerned that the January 6, 2022 Stormwater Pollution Prevention Plan is inadequate and incomplete. The Applicant's proposal for wet swales and level spreaders may slow the stormwater, but due to 100% poorly drained clay soils it is unlikely to prevent stormwater drainage and erosion damage to abutting properties 74.00-3-18 and 74.00-3-19. The increased and excessive stormwater run off may negatively impact the use, enjoyment and development of the abutting parcels. This may decrease the landowners property values.

Tax Id 74.00-3-19
November 2, 2021 view from most south west corner to the north east
This property is an agricultural district, has an installed drainage system and is actively hayed producing revenue for the parcel owner.



Tax Id 74.00-3-19 November 2, 2021 view from northwest to the east



This image represents uncut hayfields because the fields were too wet to support haying tractors, balers, and hay wagons. The fields were not cleared until the ground was frozen solid in late December 2021. Driving equipment on wet fields compacts the soils, makes ruts in the ground and presents the possibility of equipment being stuck in the muck.

Tax Id 74.00-3-19 November 2, 2021 view from most northwest corner to the south east



Tax Id 74.00-3-19 November 2, 2021 view along western property line to the south.



74.00-2-5.1
Oak Hill Solar 2, LLC

74.00-3-18

74.00-3-19

Elevation
1060 ft

74.00-3-19

74.00-3-11.2

stone well

Oak Hill Solar 2, LLC's, parcel number 74.00-2-5.1, highest elevation is 1170 feet at the south west end of the parcel. The lowest elevation is 1060 feet at the Project's north eastern corner. Stormwater flow, represented with blue arrows, drains from Oak Hill Solar 2, LLC into parcels to the east and north east, 74.00-3-18 and 74.00-3-19.

N

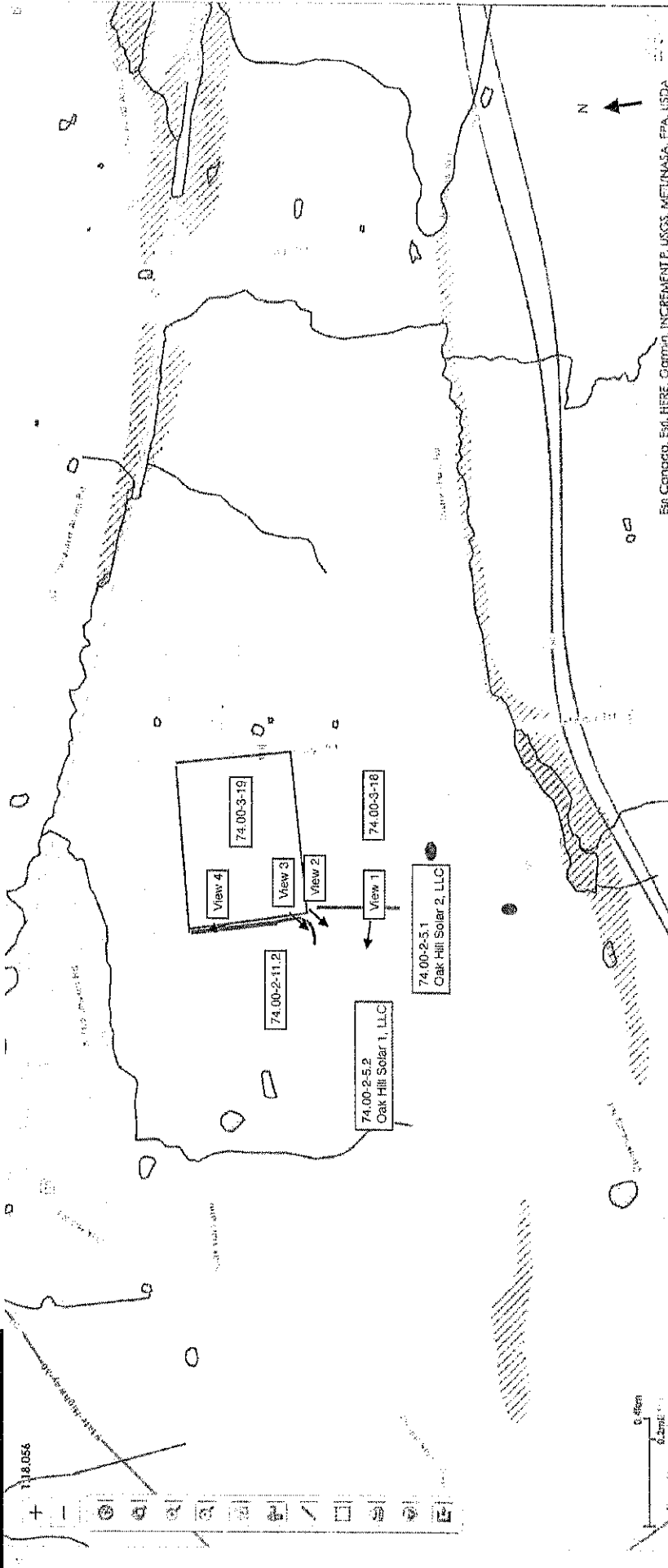
Appendix B



Drainage Map

Oak Hill Solar 2, LLC, parcel 74.00-2-5.1, drains from the highest elevation of 1170 feet in the south west corner of the site to the lowest elevation at 1060 feet in the northeast corner of the site. The current stormwater runoff negatively impacts parcels 74.00-3-18 to the east and parcel 74.00-3-19 to the northeast. Construction of Oak Hill Solar 2, LLC may further compact the 100% poorly drained clay soils and direct water sheet flow down rows of 13.3 feet wide panels which are oriented from the south to the north. The panels orientation, width and height may direct excessive water into the abutting parcels 74.00-3-18 and 74.00-3-19. The increased water flow into abutting parcels will likely result in additional stormwater damage, negatively impact crop growth and diminished property values.

Schenectady County Internet Mapping System omits a marsh on parcel 74.00-2-5.1, a pond on parcel 74.00-3-18 and drainage ditches and seasonal streams along the eastern property lines for parcels 74.00-3-18 and parcel 74.00-3-19. These features are added to this map in green. The Full Environmental Assessment Form reflects that soils for Oak Hill Solar site are 100% poorly drained clay and the slope is 10%. The Project's elevation at the southeast corner of the site is 1170 feet and at the northeast corner of the site is 1060 feet. Oak Hill Solar 2, LLC drains to the north and east into parcels 74.00-3-18 and parcel 74.00-3-19. The watershed drains into a tributary of the Schoharie Creek and eventually flows into the Mohawk River.



Location Key - View Images Attached
 1. December 30, 2019 GPS 42°43'48.1"N 74°15'00.2"W view to west for Oak Hill Solar shows standing water at property line
 2. December 30, 2019 GPS 42°43'58.0"N 74°15'01.0"W view to south west towards Oak Hill Solar projects shows standing water
 3. October 17, 2021 GPS 42°43'58.0"N 74°15'01.0"W view to north shows flowing stream along property line
 4. October 17, 2021 GPS 42°44'7.4"N 74°15'03.0"W view to north shows rapidly flowing turbulent stream along property line

Schenectady County Internet Mapping System
 January 22, 2022
 Map Includes: parcel lines, streams, bodies of water, DEC wetlands
 streams and bodies of water omitted from the map are shown in aqua color

Esri, Concepto, Esri, HERE, Garmin, INCREMENT P, USGS, METANASA, EPA, USDA



74.00-2-5.1
Oak Hill Solar 2, LLC

VIEW IMAGE 1 from parcel 74.00-3-18 property line to the north west
The Full Environmental Assessment Form Part 1.E, indicates that Parcel 74.00-2-5.1, Oak Hill Solar 2, LLC, site is on a 10% to 15% slope and that the clay soils are 100% poorly drained. Stormwater flows off the Project site to the north and to the east. There is existing stormwater damage on parcel 74.00-3-18 and 74.00-3-19 where erosion gully's have formed. Abutting property owners request that the Board perform a site visit to Oak Hill Solar 1, LLC, Oak Hill Solar 2, LLC and the abutting parcels to fully understand the Project's impact on the surrounding lands. Additionally, the Project is an industrial use and may be in violation of the town's Comprehensive Plan to preserve the town's rural character, natural resources and fresh watersheds.

Standing Water

N

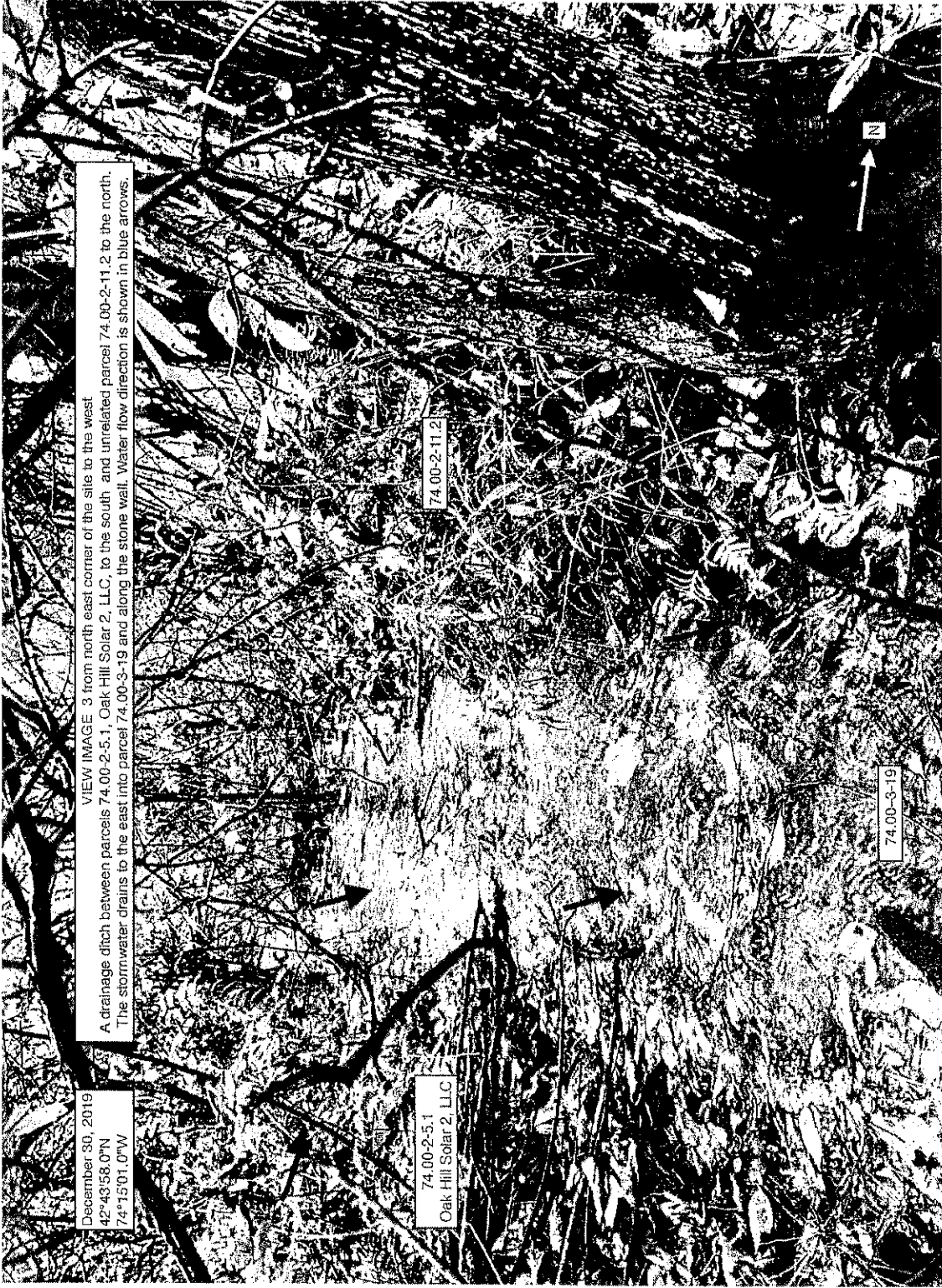
74.00-3-18

December 30, 2019
42°43'48.1"N
74°15'00.2"W

December 30, 2019
42°43'58.0"N
74°15'01.0"W

VIEW IMAGE 2 from the site's north east corner to the south west
The intersection of parcels 74.00-2-5.1, Oak Hill Solar 2, LLC with unrelaid parcels 74.00-3-18, 74.00-3-19 and 74.00-2-11.2 is the lowest point of the Project site with an elevation of 1060 feet. The Full Environmental Assessment Form E.2, indicates that the site is on a 10% to 15% slope and has 100% poorly drained clay soils. Abutting neighbors experience existing storm water run off from the site and suffer erosion and gully formations





December 30, 2019
42°43'58.0"N
74°15'01.0"W

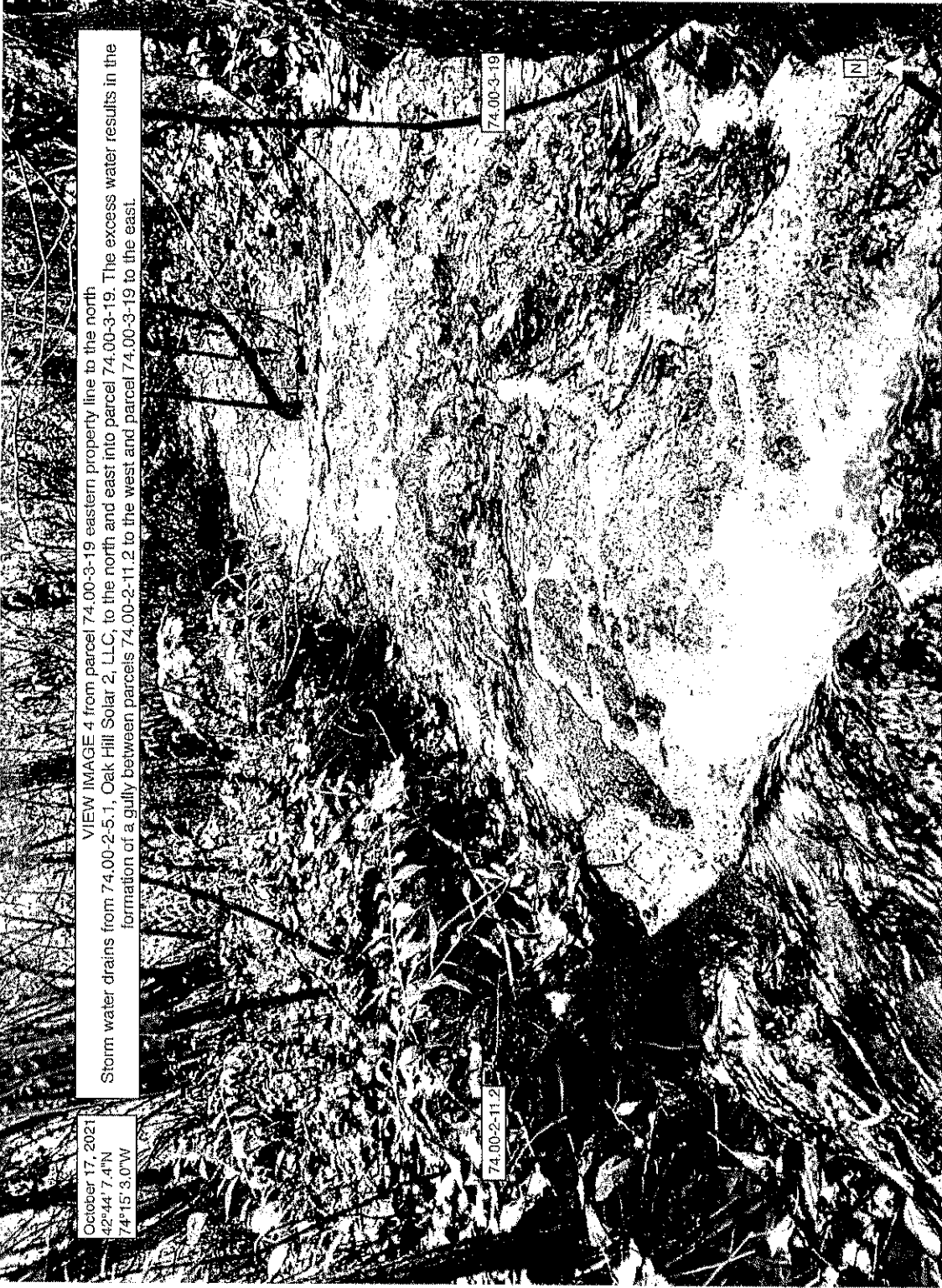
74.00-2-5.1
Oak Hill Solar 2, LLC

74.00-2-11.2

74.00-3-19

VIEW IMAGE 3 from north east corner of the site to the west
A drainage ditch between parcels 74.00-2-5.1, Oak Hill Solar 2, LLC, to the south, and unrelated parcel 74.00-2-11.2 to the north.
The stormwater drains to the east into parcel 74.00-3-19 and along the stone wall. Water flow direction is shown in blue arrows.





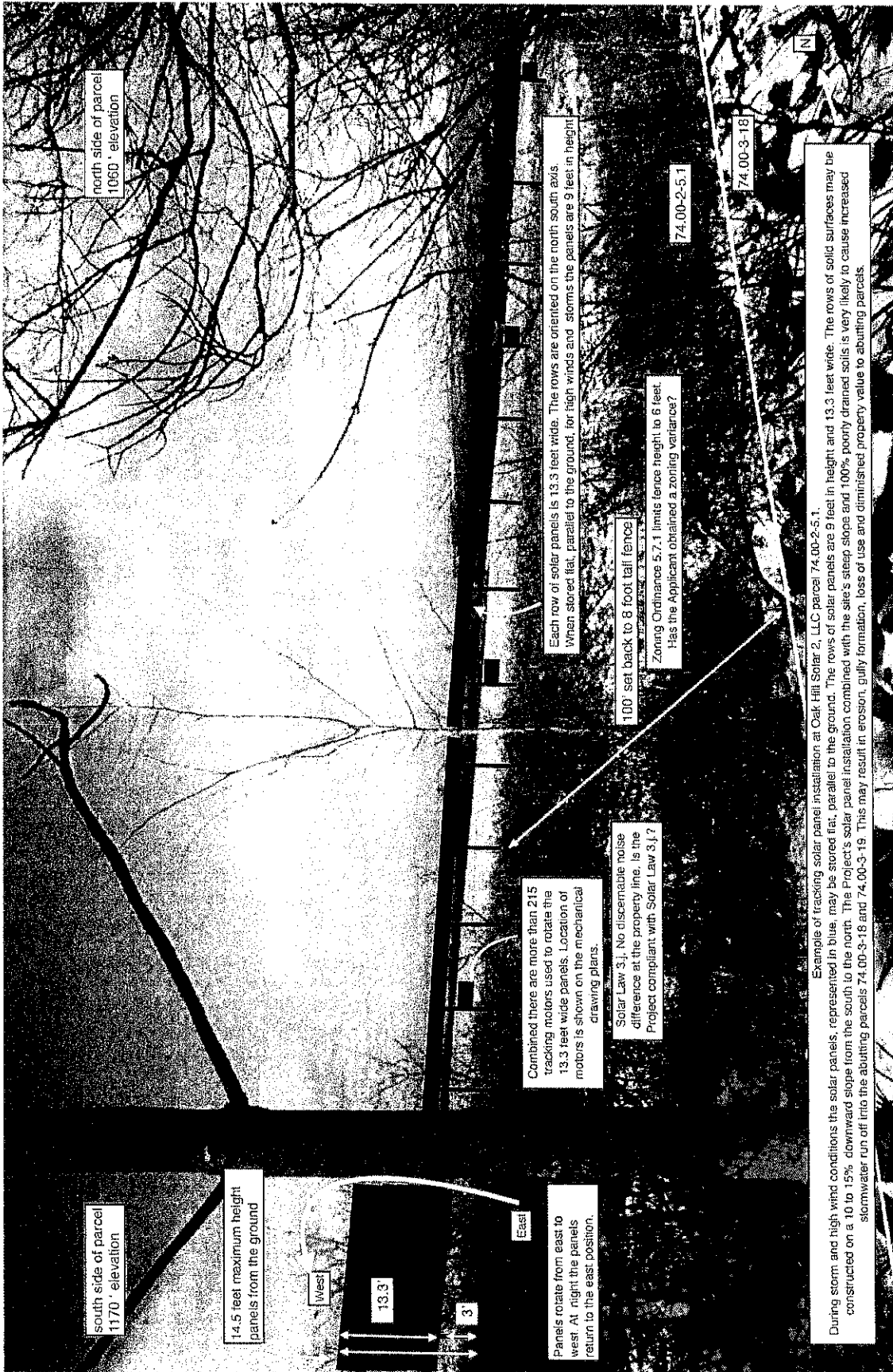
VIEW IMAGE 4 from parcel 74.00-3-19 eastern property line to the north
Storm water drains from 74.00-2-5.1, Oak Hill Solar 2, LLC, to the north and east into parcel 74.00-3-19. The excess water results in the
formation of a gully between parcels 74.00-2-11.2 to the west and parcel 74.00-3-19 to the east.

October 17, 2021
42°44' 7.4"N
74°15' 3.0"W

74.00-2-11.2

74.00-3-19

Appendix C



south side of parcel
1170' elevation

14.5 feet maximum height
panels from the ground

West

13.3

3

East

Panels rotate from east to
west. At night the panels
return to the east position.

Combined there are more than 215
tracking motors used to rotate the
13.3 feet wide panels. Location of
motors is shown on the mechanical
drawing plans.

Solar Law 3.j. No discernable noise
difference at the property line. Is the
Project compliant with Solar Law 3.j.?

100' set back to 8 foot tall fence

Zoning Ordinance 5.7.1 limits fence height to 6 feet.
Has the Applicant obtained a zoning variance?

74.00-2-5.1

74.00-3-18

Example of tracking solar panel installation at Oak Hill Solar 2, LLC parcel 74.00-2-5.1.
During storm and high wind conditions the solar panels, represented in blue, may be stored flat, parallel to the ground. The rows of solar panels are 9 feet in height and 13.3 feet wide. The rows of solid surfaces may be constructed on a 10 to 15% downward slope from the south to the north. The Project's solar panel installation combined with the site's steep slope and 100% poorly drained soils is very likely to cause increased stormwater run off into the abutting parcels 74.00-3-18 and 74.00-3-19. This may result in erosion, gully formation, loss of use and diminished property value to abutting parcels.

N

north side of parcel
1060' elevation

Each row of solar panels is 13.3 feet wide. The rows are oriented on the north south axis.
When stored flat, parallel to the ground, for high winds and storms the panels are 9 feet in height

In storm and high wind conditions solar panels may be stored flat, parallel to the ground. A bird's eye view of Oak Hill Solar 1, LLC and Oak Hill Solar 2, LLC may resemble this image by Pexels.



Oak Hill Solar 2, LLC
North
1060 feet in elevation

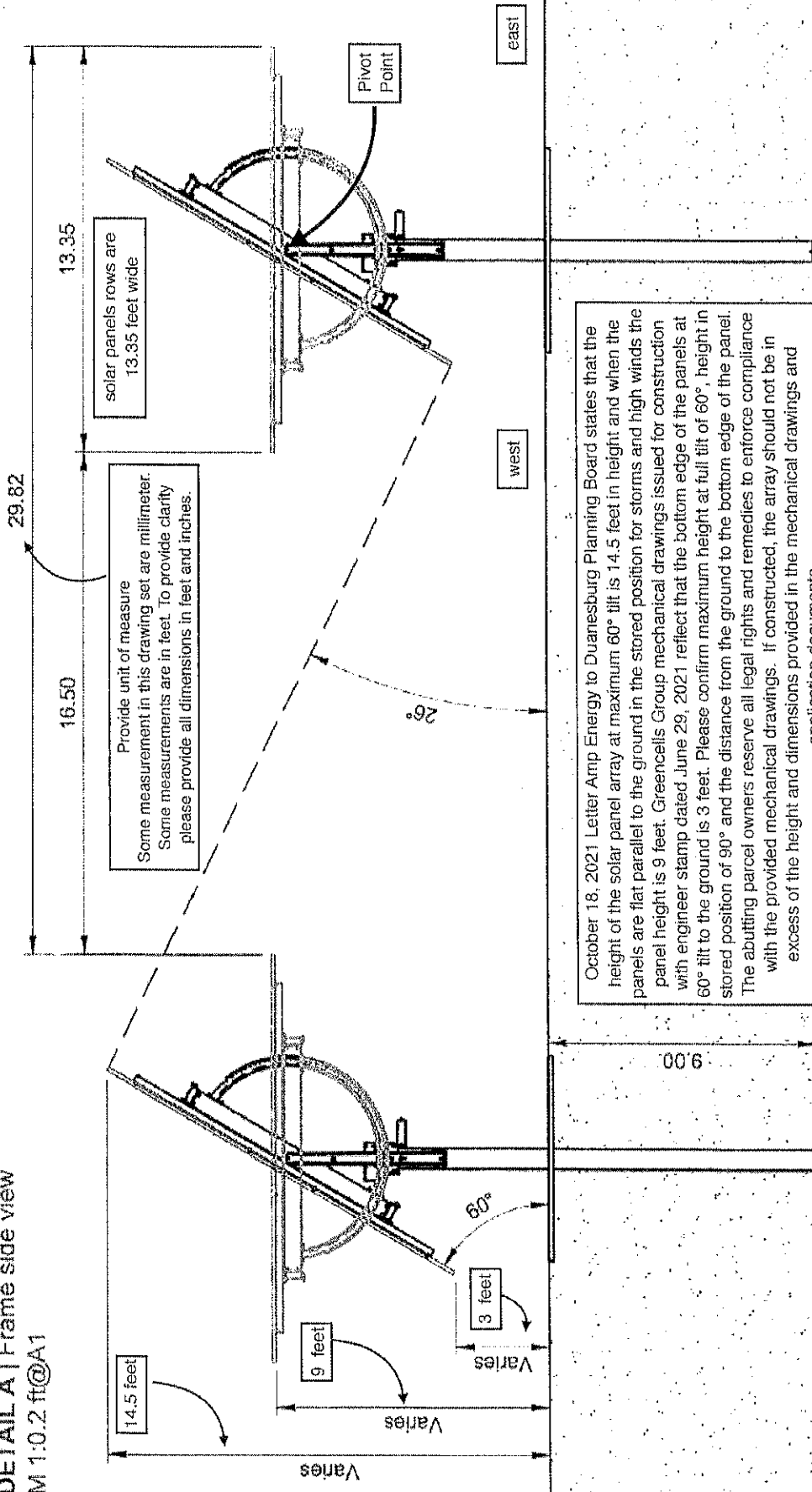
Oak Hill Solar 2, LLC
South
1170 feet in elevation

water flow

Tracker panels rotate
east to west

The Project's lowest point is the north east corner of the two sites. The Full Environmental Assessment Form indicates that the Project site is 100% poor drainage on clay soils and has a steep 10% slope. The Project drains into parcel 74.00-3-18 to the east and parcel 74.00-3-19 to the north east which is an active revenue generating hayfield. A drainage system installed on parcel 74.00-3-19 permits the land to be used for agricultural purposes. Parcel 74.00-3-18 has existing erosion from stormwater drainage forming a gully along the shared property line and drains to the north into parcel 74.00-3-19.

DETAIL A | Frame side view
M 1:0.2 ft@A1



October 18, 2021 Letter Amp Energy to Duaneburg Planning Board states that the height of the solar panel array at maximum 60° tilt is 14.5 feet in height and when the panels are flat parallel to the ground in the stored position for storms and high winds the panel height is 9 feet. Greencells Group mechanical drawings issued for construction with engineer stamp dated June 29, 2021 reflect that the bottom edge of the panels at 60° tilt to the ground is 3 feet. Please confirm maximum height at full tilt of 60°, height in stored position of 90° and the distance from the ground to the bottom edge of the panel. The abutting parcel owners reserve all legal rights and remedies to enforce compliance with the provided mechanical drawings. If constructed, the array should not be in excess of the height and dimensions provided in the mechanical drawings and application documents.

TABLE A | Piles quantity for different pole length range
 Please refer to GRC1026-100B Oak Hill 2 Pile Lengths [2021-06-14].xlsx spreadsheet for detailed piles distribution information

**Town of Duaneburg
Vouchers per Fund**

Fund	Amount
General Fund	\$ 82,609.26
Highway Fund	\$ 3,870.69
Capital Projects Fund - H11	\$ 7,264.30
Sewer District #1	\$ 13,541.66
Sewer District #2	\$ 11,118.14
Sewer District #3	\$ 10,384.67
Total	\$ 128,788.72

Town of Duanesburg Town Board

RESOLUTION NO. __ - 2022

February 24, 2022

WHEREAS, the Mariaville Wastewater Treatment Plant (the “Mariaville WWTP”) serves Mariaville Lake Sewer District No. 2; and

WHEREAS, the New York State Department of Environmental Conservation amended the New York State Pollutant Discharge Elimination System Permit for the Mariaville WWTP requiring that the Mariaville WWTP effluent be disinfected (the “Proposed Improvements”); and

WHEREAS, the Town Board retained Delaware Engineering, D.P.C., (“Delaware”) for professional services in connection with Long Term Improvements Project at the Delanson WWTP (the “Project”); and

WHEREAS, Delaware has submitted an invoice, dated February 15, 2022, for Town Board review in the amount of **\$7,120.00** for professional services rendered through January 30, 2022 (“Professional Services Invoice No. 3”); and

NOW, THEREFORE, BE IT RESOLVED, the Town Board approves Professional Services Invoice No. 3; authorizes the payment of the invoice using the BAN funds borrowed for this purpose; and directs that the Town seek reimbursement from NYSDEC for the costs associated with the Project in accordance with the terms of the Grant Agreement with NYSDEC;

By (unanimous/majority) vote of the Town Board of the Town of Duanesburg at its regular meeting of February 24, 2022

William Wenzel, Supervisor

Town Clerk/Deputy Town Clerk

Date

Date

Present:

Absent:

Town Board Members:

William Wenzel	Yea	Nay	Abstain
John Ganther Jr.	Yea	Nay	Abstain
Francis R. Potter	Yea	Nay	Abstain
Dianne Grant	Yea	Nay	Abstain
Andrew Lucks	Yea	Nay	Abstain



DELAWARE ENGINEERING, D.P.C.

55 South Main Street
Oneonta, NY 13820

Tel: 607.432.8073
Fax: 607.432.0432

C22024



ORIGINAL

February 15, 2022

Town of Duanesburg
Attn.: Bill Wenzel, Town Supervisor
Town Hall
5853 Western Turnpike
Duanesburg, NY 12056

RECEIVED
FEB 17 2022
TOWN OF DUANESBURG
TOWN CLERK

Re: Mariaville WWTP (SD#2)
Disinfection Improvements Project - Professional Services Invoice #3

Dear Bill:

Attached for Town review, processing and payment is our invoice totaling \$7,120.00 for services related to the above referenced project.

Services provided through January 2022 included:

- Continued communications with Town and regulatory agencies
- Finalized design documents
- Submitted bid notice to Town Clerk for publishing in the newspaper
- Assist Town with coordination of the bidding process
- Preparation of DEC grant documentation

Services anticipated to be provided during February 2022 include:

- Continued communications with Town and regulatory agencies
- Continue bidding assistance with Town and contractors
- Receive and review construction bids
- Provide bid/award recommendation to Town Board
- Continue preparation of DEC grant documentation

Please contact me at 607-432-8073 if you have any questions.

Respectfully,

DELAWARE ENGINEERING, D.P.C.

Bill Brown, P.E. for
Dave Ohman, P.E.

Attachment

CC: Cheryl DeCarr, Delaware Engineering, D.P.C. (w/enclosures)

02-2022 Duanesburg (T) Mariaville WWTP Disinfection Improvements CL 3



Delaware Engineering, D.P.C.
 28 Madison Ave. Ext.
 Albany, NY 12203
 (518) 452-1290

CL2024

ORIGINAL

Town of Duanesburg
 Town Hall
 5853 Western Turnpike
 Duanesburg, NY 12058

Invoice number 20-2078-3
 Date 02/07/2022

Project 20-2078 Town of Duanesburg - Mariaville
 WWTP Disinfection Improvements

For Services Rendered Through January 30, 2022

1 Design

	Hours	Rate	Billed Amount
Eric Michelitsch	4.00	120.00	480.00
Michael Primmer	1.50	165.00	247.50
	11.00	175.00	1,925.00
Robert G. Chiappisi	1.00	120.00	120.00
William J. Brown	18.50	155.00	2,867.50
subtotal	36.00		5,640.00
Phase subtotal			5,640.00

2 Bid/Award

	Hours	Rate	Billed Amount
William J. Brown	6.00	165.00	990.00

6 NYSDEC Contract Coordination

	Hours	Rate	Billed Amount
Robert G. Chiappisi	1.50	120.00	180.00
William J. Brown	2.00	155.00	310.00
subtotal	3.50		490.00
Phase subtotal			490.00

Invoice total **7,120.00**

Approved by:
 William J. Brown

Please remit payment to:
 Delaware Engineering, D.P.C.
 28 Madison Ave. Ext.
 Albany, NY 12203

222024

DELAWARE ENGINEERING, D.P.C.

55 South Main Street, Oneonta, New York 13820 Phone 607-432-8073/FAX 607-432-0482

Town of Duanesburg
 Town Hall
 5853 Western Turnpike
 Duanesburg, NY 12056



PROJECT ID 20-2078

PROJECT: Mariaville WWTP Disinfection Improvements
INVOICE/REQUISITION No.: 3

	CURRENT COST	PREVIOUS COST	COST TO DATE	BUDGET
1. Task 1 - Design				
Labor	\$ 5,640.00	\$ 24,211.25	\$ 29,851.25	
Reimbursable Expenses	\$ -	\$ 146.43	\$ 146.43	
SUBTOTAL - TASK 1	\$ 5,640.00	\$ 24,357.68	\$ 29,997.68	\$ 30,000.00
2. Task 2 - Bid/Award				
Labor	\$ 990.00	\$ -	\$ 990.00	
Reimbursable Expenses	\$ -	\$ -	\$ -	
SUBTOTAL - TASK 2	\$ 990.00	\$ -	\$ 990.00	\$ 7,500.00
3. Task 3 - Construction Management/Admin				
Labor	\$ -	\$ -	\$ -	
Reimbursable Expenses	\$ -	\$ -	\$ -	
SUBTOTAL - TASK 3	\$ -	\$ -	\$ -	\$ 15,000.00
4. Task 4 - Construction Inspection				
Labor	\$ -	\$ -	\$ -	
Reimbursable Expenses	\$ -	\$ -	\$ -	
SUBTOTAL - TASK 4	\$ -	\$ -	\$ -	\$ 17,500.00
5. Task 5 - As Built Drawing Preparation				
Labor	\$ -	\$ -	\$ -	
Reimbursable Expenses	\$ -	\$ -	\$ -	
SUBTOTAL - TASK 5	\$ -	\$ -	\$ -	\$ 2,500.00

DELAWARE ENGINEERING, D.P.C.

55 South Main Street, Oneonta, New York 18820 Phone 607-432-8078/FAX 607-432-0432

	CURRENT COST	PREVIOUS COST	COST TO DATE	BUDGET
6. Task 6 - NYSDEC Contract Coordination				
Labor	\$ 490.00	\$ 940.00	\$ 1,430.00	
Reimbursable Expenses	\$ -	\$ -	\$ -	
SUBTOTAL - TASK 6	\$ 490.00	\$ 940.00	\$ 1,430.00	\$ 8,250.00
TOTAL	\$ 7,120.00	\$ 25,297.68	\$ 32,417.68	\$ 80,750.00
AMOUNT DUE FOR CURRENT SERVICES	\$ 7,120.00			
AMOUNT PAST DUE	\$ -			
TOTAL NOW DUE	\$ 7,120.00			
BUDGET BALANCE	\$ 48,332.32			

ORIGINAL

THIS STATEMENT REFLECTS PAYMENTS RECEIVED ON OR BEFORE BILLING DATE

Town of Duanesburg Town Board

RESOLUTION NO. __ - 2021

February 24, 2021

WHEREAS, the Town of Duanesburg (the “Town”) desires to renovate the existing Town Hall including an addition to the Town Hall; and

WHEREAS, CT Male has undertaken preliminary design services for the Town pursuant to a professional services contract dated August 4, 2021 and amendment no. 1 to the professional services contract for the design and development of bid specifications for the renovations to Town Hall; and

WHEREAS, CT Male has proposed the attached amendment no. 2 to the professional services agreement related to specific items being evaluated for the renovations to Town Hall; and

WHEREAS, the Town has determined that this is a Type II action under State Environmental Quality Review Act (“SEQRA”); and

NOW, THEREFORE, BE IT RESOLVED, the Town Board approves and authorizes the Town Supervisor to sign the attached Amendment 2 to the professional services agreement with CT Male.

By (unanimous/majority) vote of the Town Board of the Town of Duanesburg at its regular meeting of February 24, 2021.

William Wenzel, Town Supervisor

Town Clerk/Deputy Town Clerk

Date

Date:

Present:

Absent:

Town Board Members:

William Wenzel	Yea	Nay	Abstain
John Ganther	Yea	Nay	Abstain
Rick Potter	Yea	Nay	Abstain
Dianne Grant	Yea	Nay	Abstain
Andrew Lucks	Yea	Nay	Abstain

 **AIA**® Document G802™ – 2017

Amendment to the Professional Services Agreement

PROJECT: *(name and address)*
Town Hall Addition
5853 Western Turnpike
Duanesburg, NY 12056

AGREEMENT INFORMATION:
Date: August 5, 2021

AMENDMENT INFORMATION:
Amendment Number: 002
Date: February 8, 2022

OWNER: *(name and address)*
Town of Duanesburg
5853 Western Turnpike
Duanesburg, NY 12056

ARCHITECT: *(name and address)*
C.T. Male Associates, Engineering,
Surveying, Architecture, Landscape
Architecture & Geology, D.P.C.
50 Century Hill Dr., Latham NY 12110

The Owner and Architect amend the Agreement as follows:

The Scope of work is amended to add the following scopes of work.

Design and specifications for exterior site stair between upper and lower parking levels. stair will utilize concrete steps with concrete sidewalls and full depth footings. guard/handrail assemblies will be tube steel system on both sides of stair and designed in compliance with building code requirements.

Design and specifications for exterior digital sign. utilizing daktronics Galaxy ECCB 4'x6' display, double sided.

Asbestos Containing Material and Lead-based Paint Survey and Sampling as outlined in the attached Exhibit-A document.

The Architect's compensation and schedule shall be adjusted as follows:

Compensation Adjustment:

Site Stair:	\$ 3,200.00
Exterior Digital Sign:	\$ 1,800.00
ACM & Lead Paint Survey & Sampling	\$ 2,600.00
TOTAL FEE:	\$ 7,600.00

Schedule Adjustment:

Submitted Under Separate Cover. Draft Design, Bid and CA service schedule.

SIGNATURES:

C.T. Male Associates
ARCHITECT *(Firm name)*



Nicholas Lobosco, R.A.
PRINTED NAME AND TITLE

2/8/2022
DATE

Town of Duanesburg
OWNER *(Firm name)*

SIGNATURE

PRINTED NAME AND TITLE

DATE

C.T. MALE ASSOCIATES

Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

50 Century Hill Drive, Latham, NY 12110
518.786.7400 FAX 518.786.7299 www.ctmale.com



EXHIBIT-A

Asbestos Containing Materials and Lead-based paint survey and sampling services.

C.T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. (C.T. Male) is pleased to provide this proposal for asbestos containing materials and lead-based paint survey and sampling services. This survey will provide information regarding asbestos containing materials, as required, prior to renovation activity as well as the presence of lead-based paint. The following are the scope of services we will provide.

SCOPE OF SERVICES

1. Conduct a site-visit and inspect accessible building spaces for evidence of asbestos containing materials (ACM) in the following forms:
 - a. Sprayed or trowelled on surfacing materials;
 - b. Insulation on pipes, boiler, ducts;
 - c. Miscellaneous forms of ACM such as wallboard, ceiling tiles, floor tiles, fireproofing board;
 - d. Roofing, siding and other exterior materials.
2. Collect bulk samples of building materials suspected of containing asbestos per NYSDOL Code Rule 56. Samples will be analyzed by a NYS ELAP approved laboratory to determine asbestoform type and content. Materials containing asbestos content of more than 1% shall be identified as asbestos containing.
3. Collect bulk samples of homogeneous areas of suspect lead-based paint. Analysis will be accomplished using Inductively Coupled Plasma - Atomic Emission Spectrometry (ICP-AES). ICP-AES technology involves the collection of paint chip samples and subsequent laboratory analysis. This analysis provides precise weight percent data for each sample collected.
4. Prepare and submit a report(s) documenting the survey results, recommendations for appropriate response actions, and cost estimates to implement those actions.

Should it be necessary, C.T. Male can prepare hazardous material abatement specifications and any needed NYSDOL Site-Specific Variances for work to be performed based on the results of the survey. These services can be provided under a separate proposal.

C.T. MALE ASSOCIATES

February 8, 2022

Town of Duanesburg – Existing Town Hall

Page - 2

FEES FOR SERVICES

The **Lump Sum** fee for C.T. Male to perform the building surveys, collect necessary samples and prepare a written report is **\$1,250.00**. This cost is based on timely and unrestricted access to building areas and includes mileage. Please be aware that sample collection of materials such as ceramic tile set, grout, and adhesives (such as mirror, paneling, etc.) will require damage to existing materials. C.T. Male will coordinate with a site representative prior to sampling these materials, or the materials can be “assumed” to be asbestos containing for the purposes of the report.

The **Estimated** fee for laboratory analysis of collected asbestos samples is **\$1,350.00**. Laboratory analysis costs are based on a per sample cost. We have provided this analysis fee based on *expected* materials; however the actual number of samples collected may change depending upon suspect materials encountered. You will be billed only for those samples analyzed. A breakdown of the unit prices for laboratory analyses are provided below.

ACM Bulk Sample Unit Costs	PLM	\$10.00per
	NOB-Prep	\$12.00per
	PLM-NOB	\$10.00per
	TEM-NOB	\$30.00per
Lead Bulk Sample Unit Costs	ICP-AES	\$20.00per

Please be aware that the NYSDOL and EPA are requiring two (2) samples of homogeneous miscellaneous materials (i.e. roofing, flooring, mastics, caulking, plasters, TSI, etc.) to be collected and analyzed to confirm a negative result. Only one (1) sample need be analyzed if the material is asbestos containing. We will be using the “positive-stop” directive with the lab to minimize analysis costs.

Also, the NYSDOH released an expansion of the July 22, 2014 “Testing Requirements for Spray-Applied Fireproofing Containing Vermiculite” with the “Testing Requirements for Surfacing Materials Containing Vermiculite” on May 6, 2016. Under this rule, any vermiculite containing plasters, or spray applied textured ceilings, etc. are subject to additional analysis, similar to vermiculite containing fireproofing. Should these materials be identified, additional costs (sometimes significant) may be incurred. If these materials are located, the Client will be notified prior to analysis and written approval for the expanded analysis will be requested.