


TOWN OF CLIFTON PARK TOWN BOARD MEETING

April 10, 2023

The Town Board meeting can be viewed live by visiting www.cliftonpark.org Scroll down to click

 ONLINE BOARD MEETINGS

- I. **Call to Order/7:00 P. M. – Wood Room, Town Hall**
- II. **Pledge to Flag**
- III. **Roll Call**
- IV. **Approval of Town Board Minutes**
- V. **Communications/Announcements**
- VI. **Business**
 - **Resolutions for Consideration**
 - **Other Business**
- VII. **Open Public Privilege**

NOTE:

At this time, the Town Board meeting will be open to the public following CDC and New York State Guidelines for COVID-19. Please check www.cliftonpark.org for final agenda and updates. Each speaker shall state name and address prior to addressing the Board and shall be granted the floor for a single time frame of up to five minutes. The Board asks that members of the public respect the opportunity of the speaker at the podium to be heard, and asks that the public refrain from conducting side meetings within the meeting room. In an effort to ensure that the widest number of community viewpoints are heard, the Board asks members of groups or the public to withhold comment, if their viewpoints have already been presented. The Board thanks everyone in attendance for their understanding and also for their desire to actively participate in the Town decision making process.

- VIII. **Adjournment**

Resolutions for Consideration
Clifton Park Town Board Meeting
April 10, 2023

<u>SOURCE</u>	<u>RESOLUTION</u>	<u>CONTACT</u>
1. Highway	Authorize Singlecut Beersmith to use Town roadways for a 5k race on Saturday, April 29, 2023 to benefit the Helping Hands School	D. Bull
2. Highway	Authorize the Highway Superintendent to accept the quote from Technology International for a new 4-ton Tandem Vibratory Roller	D. Bull
3. Planning	Authorize the Planning Department to accept MJ Engineering proposal for the Sitterly Road Sidewalk Extension project	P. Barrett
4. Supervisor	Issue Alcohol Permits to Ava Zuend and Michele Kelley for upcoming gatherings	P. Barrett
5. Parks & Recreation	Authorize the hiring of seasonal staff for the 2023 Summer season	A.Reid & L.Walowit
6. Sewer	Schedule Public Hearing on proposed extension of Sewer District No. 1, Hatlee Road	P. Barrett

RESOLUTION

1

Resolution No. _____ of 2023, a resolution authorizing SingleCut Beersmiths Brewery to use Town roadways for their 5k charity road race, on Saturday, April 29, 2023.

Introduced by _____, who moved its adoption, seconded by _____.

WHEREAS, SingleCut Beersmiths Brewery has requested the use of the Town of Clifton Park roadways as specified in the attachment hereto, for the purpose of holding a 5k charity road race on Saturday, April 29, 2023 from 10:00 AM until the last participant completes the course, and

WHEREAS, the event sponsors have coordinated with the Town's Highway Superintendent for the safe use of Town roads; now, therefore, be it

RESOLVED, that the Town Board hereby authorizes SingleCut Beersmiths Brewery to use Town roadways as specified in the attachment hereto, April 29, 2023, at 10:00 AM, for the purpose of holding a 5k charity road race to benefit Helping Hands School, and be it further

RESOLVED, that this approval is expressly conditioned upon receipt prior to April 15, 2023, in the Office of the Highway Superintendent of an insurance certificate in the amount of \$4,000,000 naming the Town of Clifton Park as an additional insured; and be it further

RESOLVED, that this approval is expressly conditioned upon the roads not being closed but employees of SingleCut Beersmiths Brewery are permitted to temporarily stop traffic at each end of the course in the event both a vehicle and race participant arrive at the same time.

Tiburon Endurance Sports, Inc.

110 West Front Street
Media, Pa. 19063

Email: carlewald@gmail.com
Telephone: (484)716-8331
Fax: (610)565-7682

Dahn Bull, Highway Superintendent
Town of Clifton Park
639 Clifton Park Center Rd
Clifton Park, NY 12065

Re: Running Race at SingleCut Brewery

Dear Superintendent Bull,

I am writing to seek approval from the Town of Clifton Park for our Seventh annual 5k starting and finishing at the SingleCut Beersmiths Brewery on 6 Fairchild Square.

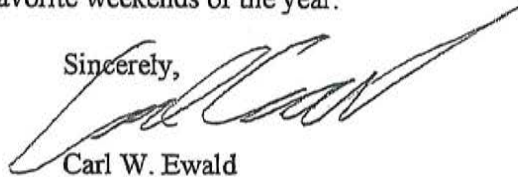
This year we hope the race will bring in 800 runners. We plan to go back to our Spring date with the hopes that the Covid surge is the last. It will be Saturday, April 29, 2022. 2023

The route will stay the same as the past years. The race will start at 10:00am and be over by 11:00am. We will work with the Sheriff for traffic control. We are happy to report that the race will, once again, benefit the Helping Hands school.

As we get closer to race week, we will post signs in the neighborhoods along the route to advise of the coming race. I will also provide a certificate of insurance naming the Town as a named insured under the race policy. Our Workers Compensation insurance should already have sent you a certificate for 2023.

If you have any questions, please reach out to me at 484-716-8331. We are very excited to come back in 2023. It is one of our favorite weekends of the year.

Sincerely,



Carl W. Ewald



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course The Chosen Run (Revised) Distance 5 km
 Location (state) NY (city) Clifton Park
 Type of course: road race calibration course
 Measuring method: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Jim Gilmer, 232 Van Wies Point Rd, Glenmont, NY 12077;
518-852-3562; jim.gilmer@gmail.com
 Race contact (name, address, phone & e-mail) Carl Ewald, Executive Director, Tiburon Endurance Sports, Inc.
110 West Front St, Media, PA, 19063; 484-716-8331; carl@greatamericanbreweryruns.com
 Date(s) when course measured: February 20, 2018; remeasured May, 13, 2018
 Number of measurements of entire course: 2 Course Configuration: keyhole
 Elevation (meters above sea level) Start 84.43 Finish 84.43 Highest 115.21 Lowest 75.59
 Straight line distance between start & finish 0.0 Drop 0.0 m/km Separation 0.0 %
 Type of surface: paved 100 % dirt - % gravel - % grass - % track - %
 Effective date of certification: May 14, 2018 Certification code: NY18040JG

Course revised to reverse route.
through subdivision

Notice to Race Director: Use this Certification Code
in *all* public announcements relating to your race.

Be It Officially Noted That

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If *any* changes are made to the course, this certification becomes void, and the course must then be recertified.

Verification of Course — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a verification remeasurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

This certification expires on December 31 in the year 2028

James A. Gilmer
Digitally signed by Jim Gilmer
DN: cn=Jim Gilmer, o=USATF Road Running
Technical Council, ou=Regional Certifier, New
York, email=jim.gilmer@gmail.com, c=US
Date: 2018.05.14 10:44:49 -04'00'

AS NATIONALLY CERTIFIED BY:

Date: May 14, 2018

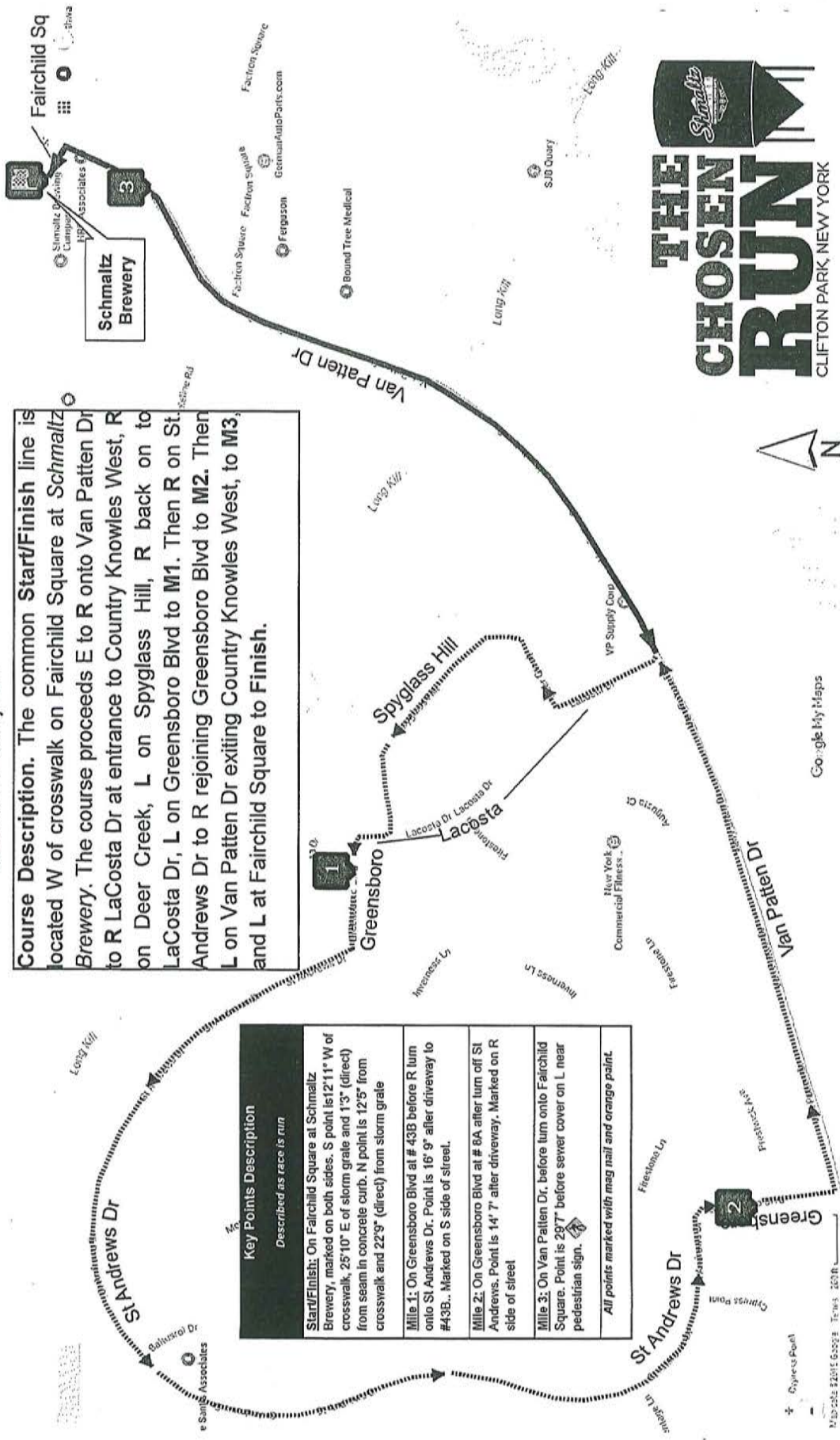
James A. Gilmer, USATF/RRTC Certifier • 232 Van Wies Point Rd., Glenmont, NY 12077-4222
Phone: 518-852-3562 • Email: jim.gilmer@gmail.com

The Chosen Run (Revised)

Clifton Park, NY

Course Description. The common Start/Finish line is located W of crosswalk on Fairchild Square at Schmaltz Brewery. The course proceeds E to R onto Van Patten Dr to R LaCosta Dr at entrance to Country Knowles West, R on Deer Creek, L on Spyglass Hill, R back on to LaCosta Dr, L on Greensboro Blvd to M1. Then R on St Andrews Dr to R rejoining Country Knowles Blvd to M2. Then L on Van Patten Dr exiting Country Knowles West, to M3, and L at Fairchild Square to Finish.

Key Points Description
Start/Finish: On Fairchild Square at Schmaltz Brewery, marked on both sides. S point is 12'11" W of crosswalk, 25'10" E of storm grate and 1'3" (direct) from seam in concrete curb. N point is 12'5" from crosswalk and 22'9" (direct) from storm grate
Mile 1: On Greensboro Blvd at # 43B before R turn onto St Andrews Dr. Point is 16' 9" after driveway to #43B.. Marked on S side of street.
Mile 2: On Greensboro Blvd at # 8A after turn off St Andrews. Point is 14' 7" after driveway. Marked on R side of street
Mile 3: On Van Patten Dr. before turn onto Fairchild Square. Point is 29'7" before sewer cover on L near pedestrian sign.
All points marked with mag nail and orange paint.



USATF Certificate
 NY18040JG
 Effective: 05/14/2018
 through 12/31/2028



RESOLUTION
2

Resolution No. _____ of 2023, a resolution awarding the bid for a new 4-ton Tandem Vibratory Roller for the Highway Department to Technology International.

Introduced by _____, who moved its adoption, seconded by _____

WHEREAS, on February 17, 2023, the Highway Department advertised for sealed bids for an asphalt/paving roller machine, pursuant to General Municipal Law 103, and

WHEREAS, on March 7, 2023, bids were publicly opened, with Technology International having submitted the lowest conforming bid in the amount of \$58, 800, and

WHEREAS, the Highway Superintendent has requested Town Board authorization to purchase a 4-ton Tandem Vibratory Roller from Technology International of Lake Mary, FL, with reimbursement to the Town through the Consolidated Local Street and Highway Improvement Program (CHIPS), and

RESOLVED, that the Town Board hereby accepts and awards the above-referenced bid to Technology International in an amount not to exceed \$58,800, to be paid from DA-5112-200 (Highway-Permanent Improvements-Equipment), and be it further

RESOLVED, that the Highway Superintendent is authorized to submit this purchase to CHIPS for reimbursement, with reimbursement to be recorded in DA-3510 (Highway Fund-CHIPS Revenue).

HWY 4 TON TANDEM VIBRATORY ROLLER RFP

3/7/23 @ 3PM

COMPANY NAME	TOTAL BID AMOUNT
Technology International Inc.	\$ 58,800.
Stephenson Equipment	\$ 66,343
Atta Const Equipment	\$ 58,651 / 60,251
Milton CAT	\$ 56,865 / 69,321



Technology International, Inc.
 1331 South International Pkwy, Suite 2251
 Lake Mary, FL 32746
 Tel: (407) 359-2373
 Fax: (407) 359-2372
 E-mail: tii@tii-usa.com
 Website: www.tii-usa.com

Equipment Proposal

Description: 4 Ton Tandem Vibratory Roller

Attention: Clifton Park Town Clerk
 Town Office Building,
 One Town Hall Plaza,
 Clifton Park, NY

TII Ref: TII/NY/0323/26786

Date: 03/03/2023

In response to your quote request for 4 Ton Tandem Vibratory Roller, Technology International, Inc. is pleased to submit the following for consideration:

ITEM NO.	QTY	DESCRIPTION/ MODEL NO.	UNIT PRICE	EXTD. PRICE
1	1	HD12VV Roller	\$58,000.00	\$58,800.00
See attached data sheets				
Total.....			\$58,000.00	

Warranty: Manufacturer's standard warranty applies. The Hamm rollers are built in Germany with a 12 month or 1000 hour warranty.

Delivery:

- Estimated delivery is **12 Weeks** after receipt of order and approved submittal.
- Please note, due to COVID-19 there may be unanticipated disruptions and delays in the supply chains globally, for parts, components, equipment and internal manufacturing services such as engineering, production allocation, and logistics. This may result in manufacturing & delivery delays out of our control. We will do our best to communicate all such impacts and reduce the effects of any such delays.
- All delivery dates quoted are subject to manufacturer's confirmation at time of order.
- Submittal data will be provided for approval after receipt of order (if applicable)
- Customer to provide equipment and personnel to unload
- TII will provide MSO at time of payment confirmation. Customer is responsible for all titling and registration of trailer (If Applicable)

Freight: Included to Clifton Park, NY 12065.

Payment Terms: NET 30

Prompt Payment discount: 1/4 % 10 days

Quote Validity: 30 days.

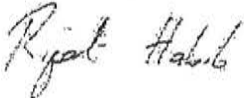
Technology International, Inc. Corporate data:

We are a small business and our Tax Payer Identification Number (TIN): 650342335. The price quoted does not include any sales excise or similar taxes.

We trust that this proposal will meet your requirements and we look forward to hearing from you.

If you have any questions or need more information, please contact us by phone at 407-359-2373, fax at 407-359-2372 or email us at tii@tii-usa.com

Respectfully submitted,



Rifat Habib
Business Development Exec.
Technology International, Inc.

Technical data

HD 12 VV



Tandem rollers Series HD CompactLine

H230

Tandem roller with two vibrating roller drums

HIGHLIGHTS

- > Simple transport, simple loading
- > Compact dimensions
- > Excellent view of drum edge, machine and construction site environment
- > Ergonomic driver platform
- > Simple, intuitive and language-neutral control

TECHNICAL DATA HD 12 W (H230)

Weights		
Operating weight with ROPS	kg lbs	2695 5,942
Max. operating weight	kg lbs	3410 7,519
Static linear load, front/rear	kg/cm lbs/in	11,1/11,3 52,2/63,3
French classification, value/class		11,3/PV3

Machine dimensions		
Total length	mm in	2530 99.6
Total height with ROPS	mm in	2475 97.4
Height loading, min.	mm in	1752 69.0
Center distance	mm in	1700 66.9
Total width	mm in	1310 51.6
Maximum working width	mm in	1250 49.2
Ground clearance, center	mm in	280 11.0
Curb clearance, left/right	mm in	570/570 22.4/22.4
Turning radius, inside	mm in	2370 93.3

Drum dimensions		
Drum width, front/rear	mm in	200/1200 17.2/47.2
Drum diameter, front/rear	mm in	720/720 28.3/28.3
Drum thickness, front/rear	mm in	15/15 0.6/0.6
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	0/50 0.0/2.0

Diesel engine		
Manufacturer		Kubota
Model		D1703
Cylinders, quantity		3
Power ISO 14396, kW/PS/rpm		18.5/25,2/2200
Power SAE J1349, kW/HP/rpm		18.5/24,8/2200
Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		-

Travel drive		
Speed, infinitely variable	km/h mph	10,2 6,3
Gradeability, with/without vibration	%	30/40

Vibration		
Vibration frequency, rear, I/II	Hz vpm	65/51 3,900/3,060
Amplitude, front, I/II	mm in	0,45/0,45 .018/.018
Amplitude, rear, I/II	mm in	0,45/0,45 .018/.018
Centrifugal force, front, I/II	kN lbs	38/23 8,550/5,175
Centrifugal force, rear, I/II	kN lbs	38/23 8,550/5,175

Steering		
Swing angle +/-	°	8
Steering, type		Articulated steering

Water-sprinkling system		
Water sprinkling, type		Pressure

Tank capacity/filling capacity		
Fuel tank, capacity	L Gal	42 11.1
Water tank, capacity	L Gal	180 47.6

Sound level		
Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	104

EQUIPMENT

12 V power socket | 3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Pressure water sprinkling system | Driver's platform with entry from both sides | Drive lever, left and right | Mechanical battery isolation switch | Vibration-isolated driver's platform | Track offset, mechanical | Automatic vibration system | Water filter system (3-fold) | Central lifting bracket | Central water outlet

OPTIONAL EQUIPMENT

Plastic scraper, foldable | ROPS, foldable | Protective roof, plastic tarpaulin | Edge pressing and cutting equipment | Back-up alarm | Working light | Battery isolation switch operated with external activation | V-belt protection

From: Deane, Valerie (DOT) <Valerie.Deane@dot.ny.gov>
Sent: Tuesday, February 21, 2023 2:47 PM
To: Dahn Bull <DBull@cliftonpark.org>
Cc: Ellenmarie Martin <emartin@cliftonpark.org>; James Ryan <JRyan@cliftonpark.org>
Subject: RE: RE: Town of Clifton Park - CHIPs Equipment Purchase Approval

Yes, it was my interpretation that it would fit as well. As you wanted an official sign-off, I verified with Main Office as well, and they concur that it is eligible. I'm not sure what the deal with signing off on the low bid is – I don't recall being asked for that before, usually municipalities just submit for reimbursement afterwards with the supporting invoices/checks like with any paving project.

Valerie M. Deane
Senior Transportation Analyst

New York State Department of Transportation Region 1
50 Wolf Road, Suite 1S50, Albany, NY 12232
(518) 417-6589 | valerie.deane@dot.ny.gov
www.dot.ny.gov



From: Dahn Bull <DBull@cliftonpark.org>
Sent: Monday, February 20, 2023 12:52 PM
To: Deane, Valerie (DOT) <Valerie.Deane@dot.ny.gov>
Cc: Ellenmarie Martin <emartin@cliftonpark.org>; James Ryan <JRyan@cliftonpark.org>
Subject: FW: RE: Town of Clifton Park - CHIPs Equipment Purchase Approval

You don't often get email from dbull@cliftonpark.org. [Learn why this is important](#)

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Hey Valerie,

Just following up on the email that was sent to you from Joe. We'll miss him, but hey we get to work with you now so I count that as a win! If you have any questions on this please let me know. Last I heard it qualifies but I just need a sign off email or something in writing so it can fully qualify for reimbursement.

Sincerely,

Dahn S. Bull
Superintendent of Highways
Town of Clifton Park
639 Clifton Park Center Road
Clifton Park, NY 12065
Tel: (518) 371-7310
Fax: (518) 373-0039
dbull@cliftonpark.org

From: Dahn Bull
Sent: Thursday, February 16, 2023 10:43 AM
To: Thompson, Joe B (DOT) <Joe.Thompson@dot.ny.gov>
Cc: James Ryan <Ryan@cliftonpark.org>; Ellenmarie Martin <emartin@cliftonpark.org>
Subject: RE: Town of Clifton Park - CHIPs Equipment Purchase Approval

Good Morning Joe,

Attached is a bid we are sending out for a roller. We would like to use CHIPs funding for this purchase and wanted to know if it qualified. From reading the information on the website it looks like it would fit but I need to have an approval email. Some of the equipment we are anticipating coming in for the bids are a Hamm HD12VV (<https://www.wirtgen-group.com/ocs/en-gh/hamm/hd-12-vv-1830-p/>) or a Wacker RD28-120 (<https://www.wackerneuson.com/us/products/rollers/rd28-tandem-roller>). Per the requirements of the CHIPs instructions, can you send me an email saying whether these would qualify for CHIPs reimbursement? Additionally, once the bids are open, I will send you the lowest most qualified bid for an additional sign off. Thank you!

Sincerely,

Dahn S. Bull
Superintendent of Highways
Town of Clifton Park
639 Clifton Park Center Road
Clifton Park, NY 12065
Tel: (518) 371-7310
Fax: (518) 373-0039
dbull@cliftonpark.org

Dahn Bull

From: Deane, Valerie (DOT) <Valerie.Deane@dot.ny.gov>
Sent: Monday, March 13, 2023 3:32 PM
To: Dahn Bull
Cc: Ellenmarie Martin; James Ryan
Subject: RE: RE: Town of Clifton Park - CHIPs Equipment Purchase Approval

Hi Dahn,

This looks like it qualifies to me.

Valerie M. Deane

Senior Transportation Analyst

New York State Department of Transportation Region 1

50 Wolf Road, Suite 1S50, Albany, NY 12232

(518) 417-6589 | valerie.deane@dot.ny.gov

www.dot.ny.gov



**Department of
Transportation**

From: Dahn Bull <DBull@cliftonpark.org>
Sent: Monday, March 13, 2023 9:42 AM
To: Deane, Valerie (DOT) <Valerie.Deane@dot.ny.gov>
Cc: Ellenmarie Martin <emartin@cliftonpark.org>; James Ryan <JRyan@cliftonpark.org>
Subject: RE: RE: Town of Clifton Park - CHIPs Equipment Purchase Approval

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hello Valerie,

Attached is the lowest bid for the roller that we were looking for. I just want to make sure that this still qualifies before I bring it to the town board.

Sincerely,

Dahn S. Bull
Superintendent of Highways
Town of Clifton Park
639 Clifton Park Center Road
Clifton Park, NY 12065
Tel: (518) 371-7310
Fax: (518) 373-0039
dbull@cliftonpark.org

Milton



Timothy Rinck
Sales Representative

500 Commerce Drive
Clifton Park, NY 12065
518.877.8000 tel
518.877.6820 fax
www.miltoncat.com

518.779.7833 cell
timothy_rinck@miltoncat.com

ADD TO # 2

Milton



500 Commerce Dr. | Clifton Park, NY 12065 | 518.877.8000

February 22nd, 2023

Town Of Clifton Park Highway Department

Attn: Dahn Bull- Superintendent of Highways

Attn: Matthew Farnsworth- Fleet & Inventory Supervisor

CATERPILLAR TANDEM VIBRATORY ROLLERS

Please see included information & pricing quote for:

- **Caterpillar CB 2.7 Utility Compactor**
 - Machine Specs & Machine configuration information included
 - Machine Availability: April 2023 reservation availability
- **Caterpillar CB 4.0 Utility Compactor**
 - Machine Specs & Machine Configuration information included
 - Machine Availability: Machines currently available for reservation

We at Milton Cat look forward to the opportunity of working together for all your earthmoving equipment needs. Milton Cat is conveniently located at 500 Commerce Dr, Clifton Park where we are available for any parts, service & product support needs.

If there are any questions on the equipment or quote please do not hesitate to contact me directly. Thanks in advance for your time, I look forward to hearing from you.

Best Regards,

Timothy Rinck

Machine Sales Representative

518-779-7833

CB2.7 VIBRATORY UTILITY COMPACTOR

Standard Equipment:

POWERTRAIN

CAT inline three-cylinder diesel engine with glow-plug heater
Fuel filter/water separator/electronic priming pump and electronic water indicator
Dual element air cleaner with dust ejection
Hydrostatic transmission
Service and parking brakes - spring applied hydraulically released

ELECTRICAL

Engine start switch with auto preheat
12-volt starting and charging system
85-ampere alternator
Maintenance free battery
Backup alarm and front facing warning horn
Product Link ready
Beacon ready

OPERATOR ENVIRONMENT

Gauge Cluster:
-Fuel level gauge
-Hour meter
-Engine Coolant Temperature Gauge
Emergency stop switch
Operator warning system indicators:
-Parking brake engaged
-Hydraulic oil temperature high
-Engine oil low pressure
-Electrical system voltage low
-Low fuel
-Engine preheat
-High/low vibe frequency
-Beacon status
Lockable, vandalism guard for instrument panel
Travel control, single lever
Retractable seatbelt
2 platform handrails / single guardrail
Steering wheel spinner
12-volt power point
Sealed storage compartment
Isolated operator platform
Vibration reducing, diesel resistant rubber floor mat

DRUMS

Two smooth drums: 1200 mm (47") wide x 720 mm (28") diameter
Single amplitude with dual frequency vibratory system
Pressurized drum watering system with selectable continuous or intermittent flow

FLUIDS

Premixed 50% concentration of extended life coolant with freeze protection to -37C (-35F)

OTHER STANDARD EQUIPMENT

Lockable engine enclosure with safety hold open latch
Sealed for life hitch bearings
Sight gauges:
-Hydraulic tank level
-Engine Coolant
Lockable hydraulic tank cap
Articulated frame with safety lock
3 point hitch
4 transport tie-down and 4 lift points
Quick connect hydraulic pressure test ports + 1 SOS port
Caterpillar o-ring face-seals couplings
Offset hitch with 50 mm (2") of manual adjustment
Ecology drains:
-Hydraulic Tank
-Radiator
-Engine Oil



Cat[®] CB2.5, CB2.7, CB2.9, CC2.7

Utility Compactors

The Cat[®] line of 2-3 ton utility compactors are well suited for a variety of applications from asphalt work to base compaction and even landscaping. They are designed with industry leading features and performance to get the job done.

Simple to Operate

- Rocker switches and Cat[®] gauge cluster with water tank gauge to help make operation easy
- Variable water spray system to extend time between water fills
- Optional sliding operator seat and dual propel levers for reducing operator fatigue and better job surface visibility

Proven Productivity

- Large 720 mm (28 in) drum diameters for smooth mat finish
- 14 mm (0.55 in) thick drum shells for longer durability
- Dual vibratory frequencies and ballast options to maximize compactive effort
- C1.7T engine with 36 kW (48.2 hp) (gross)

Technology Ready

- ProductLink[™] for remote monitoring of machine location and status
- Optional Compaction Measurement Value (CMV) displayed to the operator for improved compaction performance and consistency

Superior Safety

- High visibility 75 mm (3 in) orange seat belt to make job site safety visible
- Seat with operator presence sensor to prevent unintended operation while out of the seat
- Slip resistant steps and platform for improved operator safety
- Optional rotating amber beacon

Easy to Service

- Cat controls with ET capability for easy troubleshooting
- Reduced maintenance tasks for quick servicing
- 500 hour oil change interval to reduce maintenance time and costs
- External fuel fill for easy access
- LED lighting for durable and reliable performance
- Uptime kits and customer value agreements available to ensure maximum uptime



Cat® CB2.5, CB2.7, CB2.9, CC2.7 Utility Compactors

Utility Compactor Application Guide											
			0 - 1.8 Tons		1.8 - 3 Tons				3 - 5 Tons		
	Application	Layer Thickness mm (in)	CB1.7	CB1.8	CB2.5 CB2.5 GC	CB2.7 CB2.7 GC	CC2.7 CC2.7 GC	CB2.9	CB4.0	CB4.4	GC4.0
			900 mm (35 in)	1000 mm (39 in)	1000 mm (39 in)	1200 mm (47 in)	1200 mm (47 in)	1300 mm (51 in)	1300 mm (51 in)	1400 mm (55 in)	1300 mm (51 in)
Asphalt	Walking Paths, Driveways, Patchwork	25 - 50 (1 - 2)	Best	Best	Better	Better	Better	Good	Good	Good	Good
		50 - 100 (2 - 3)	Best	Best	Better	Better	Better	Good	Good	Good	Good
	Parking Lots, Urban Streets	25 - 50 (1 - 2)	Better	Best	Best	Best	Best	Best	Better	Better	Better
		50 - 100 (2 - 3)	Better	Better	Best	Best	Best	Best	Better	Better	Best
	Roads, Highways	25 - 50 (1 - 2)	Good	Good	Better	Better	Better	Best	Best	Best	Best
		50 - 100 (2 - 3)	Good	Good	Better	Better	Better	Better	Best	Best	Best
Soil	Landscaping	< 100 (4)	Best	Best	Better	Better	Better	Good	Good	Good	Good
	Small Job Sites	< 100 (4)	Good	Good	Best	Best	Best	Better	Better	Better	Better
	Medium Job Sites	< 100 (4)	Good	Good	Better	Better	Better	Best	Best	Best	Best

Cat® CB2.5, CB2.7, CB2.9, CC2.7 Utility Compactors

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional		Standard	Optional
OPERATOR ENVIRONMENT			POWERTRAIN		
Adjustable Suspension Seat with Operator Presence Switch	✓		Auto Engine Off and Auto Warmup	✓	
ROPS Folding	✓		Air Cleaner, Dual Element	✓	
ROPS Fixed		✓	Engine Belt Guard	✓	
Seat Belt – 75 mm (3 in) high visibility orange	✓		Traction Control (CB2.5, CB2.7, CB2.9)		✓
Operator Console w/ Water Tank Gauge, Emergency Stop, and Glove Box	✓		Fuel Filter, Water Separator, Priming Pump, Water Indicator (CC2.7 only)	✓	
12-volt Power Outlet	✓		On-demand Hydraulic Cooling Fan	✓	
Horn, Backup Alarm	✓		TECHNOLOGY		
Sun Canopy		✓	Telematics – ProductLink™	✓	
Seat – Side Shift		✓	Remote Flash / Troubleshoot		✓
Dual Propel Levers		✓	CMV - Compaction Measurement Value		✓
COMPACTION SYSTEM			ELECTRICAL		
Folding Scrapers	✓		LED Working Lights	✓	
Fixed Scrapers		✓	Battery Disconnect		✓
Vibe Selection – Front, Rear, or both	✓		LED Rooding Lights		✓
Pressurized, Triple-Filtration Spray System with Test Mode	✓		Rotating Amber Beacon		✓
Cocoa Mats		✓	OTHER		
Edge Cutter Ready		✓	Vandal Protection – lockable hood, fuel fill, and controls cover	✓	
Water Sprayer Antifreeze Kit		✓	Biodegradeable Hydraulic Oil		✓
Ballast Kit – 200 kg (440 lb) (CB2.5, CB2.7, CB2.9)		✓	Bumpers		✓
Ballast Kit – 400 kg (880 lb) (CB2.5, CB2.7, CB2.9)		✓	Machine Lift and Tiedowns	✓	
Ballast Kit - 100 kg (220 lb) (CC2.7 only)			Offsets Hitch	✓	
			Single Point Lift		✓
			Custom Paint		✓

Cat® CB2.5, CB2.7, CB2.9, CC2.7 Utility Compactors

Technical Specifications

Engine - Powertrain

Engine Model	Cat® C1.7T	
Emissions	US EPA Tier 4 Final EU Stage V	
Number of Cylinders	3	
Rated Speed	2800 rpm	
Engine Power ISO 14396:2002	36.0 kW	48.2 hp
Net Power ISO 9249:2007 ¹	35.5 kW	47.6 hp
Exhaust gas aftertreatment type	DOC/DPF	

¹ Net Power is calculated at minimum cooling fan speed.

Machine Performance

Maximum Machine Speed		
CB2.5, CB2.7, CB2.9	12 km/hr	7.5 mph
CC2.7	11 km/hr	6.8 mph
Theoretical Gradeability (no vibs) ²		
CB2.5	44%	
CB2.7	41%	
CB2.9	38%	
CC2.7	50%	

² Actual gradeability may vary based on site conditions and machine configuration. Refer to the Operation and Maintenance Manual for more information.

Vibratory System Specifications

Frequency		
High	64 Hz	3840 vpm
Low	53 Hz	3180 vpm
Amplitude		
CB2.5	0.51 mm	0.020 in
CB2.7	0.52 mm	0.020 in
CB2.9	0.50 mm	0.020 in
CC2.7	0.52 mm	0.020 in
Maximum Centrifugal Force		
CB2.5	30 kN	6697 lbf
CB2.7	35 kN	7929 lbf
CB2.9	36 kN	8109 lbf
CC2.7	35 kN	7929 lbf

Machine Weights³

Standard Machine Operating Weight with ROPS		
CB2.5	2521 kg	5546 lb
CB2.7	2698 kg	5936 lb
CB2.9	2916 kg	6415 lb
CC2.7	2599 kg	5718 lb
Maximum Machine Weight ⁴		
CB2.5	3021 kg	6646 lb
CB2.7	3198 kg	7036 lb
CB2.9	3416 kg	7515 lb
CC2.7	2779 kg	6114 lb
Operating Weight (Front)		
CB2.5	1185 kg	2607 lb
CB2.7	1301 kg	2861 lb
CB2.9	1391 kg	3060 lb
CC2.7	1310 kg	2882 lb
Operating Weight (Rear)		
CB2.5	1336 kg	2939 lb
CB2.7	1398 kg	3075 lb
CB2.9	1525 kg	3355 lb
CC2.7	1289 kg	2836 lb
Weight per Tire – Operating Weight		
CC2.7	322 kg	709 lb
Static Linear Load – Operating Weight (Front)		
CB2.5	11.85 kg/cm	66.2 lb/in
CB2.7	13.0 kg/cm	60.6 lb/in
CB2.9	13.9 kg/cm	59.8 lb/in
CC2.7	13.1 kg/cm	61.0 lb/in
Static Linear Load – Operating Weight (Rear)		
CB2.5	13.36 kg/cm	74.7 lb/in
CB2.7	14.0 kg/cm	65.1 lb/in
CB2.9	15.3 kg/cm	65.6 lb/in

³ Operating Weights include coolant, lubricants, full fuel tank, 50% water, and 80 kg (176 lb) operator.

⁴ Maximum Machine Weight includes all options, heaviest ballast configuration, full fluids, and 80 kg (176 lb) operator.

Cat® CB2.5, CB2.7, CB2.9, CC2.7 Utility Compactors

Technical Specifications

Electrical

System Voltage	12 v
Battery Capacity	750 CCA
Alternator	85 Amp

Dimensions

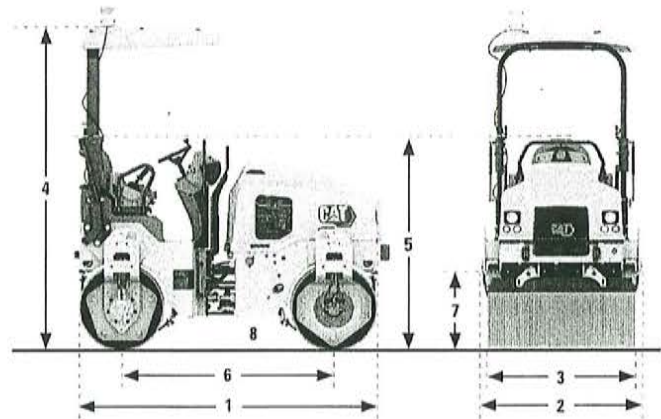
1 Overall Length*	2596 mm	102.2 in
2 Overall Width		
CB2.5	1112 mm	43.8 in
CB2.7	1312 mm	51.7 in
CB2.9	1412 mm	55.6 in
CC2.7	1312 mm	51.7 in
3 Drum Width		
CB2.5	1000 mm	39.4 in
CB2.7	1200 mm	47.2 in
CB2.9	1300 mm	51.2 in
CC2.7	1200 mm	47.2 in
Drum Shell Thickness	14 mm	0.6 in
Drum Diameter	720 mm	28.3 in
Drum Offset	50 mm	2.0 in
4 Overall Height		
with ROPS**	2595 mm	102.2 in
with ROPS and Canopy**	2709 mm	106.7 in
5 Transport Height with foldable ROPS	1799 mm	70.8 in
6 Wheelbase	1800 mm	70.9 in
7 Curb Clearance	453 mm	17.8 in
8 Ground Clearance	285 mm	11.2 in
Inside Turning Radius		
CB2.5	2640 mm	103.9 in
CB2.7	2540 mm	100.0 in
CB2.9	2490 mm	98.0 in
CC2.7	2540 mm	100.0 in
Outside Turning Radius		
CB2.5	3640 mm	143.3 in
CB2.7	3740 mm	147.2 in
CB2.9	3790 mm	149.2 in
CC2.7	3740 mm	147.2 in

Miscellaneous

Articulation Angle	32°
Oscillation Angle	6°
Number of Tires (CC2.7)	4

Service Refill Capacities

Fuel Tank (total capacity)	55 L	14.37 gal
Water Spray Tank (total capacity)		
CB2.5, CB2.7, CB2.9	200 L	52.80 gal
CC2.7	160 L	42.24 gal
Emulsion Tank (total capacity) CC2.7 only	26 L	6.86 gal
Cooling System	8.3 L	2.19 gal
Engine Oil with Filter	6.3 L	1.66 gal
Hydraulic Tank (service refill)	21 L	5.54 gal



*Bumper option adds 95 mm (3.7 in)
 **Beacon option adds 175 mm (6.8 in)

Cat® CB2.5, CB2.7, CB2.9, CC2.7 Utility Compactors

Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit www.caterpillar.com/en/company/sustainability.html.

ENGINE

- The Cat® C1.7 is available in configurations that meet U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.*

PAINT

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
 - Barium < 0.01%
 - Cadmium < 0.01%
 - Chromium < 0.01%
 - Lead < 0.01%

SOUND PERFORMANCE

With cooling fan speed at 70% of maximum value:

Operator Sound Pressure Level (ISO 6396:2008) – 88 dB(A)

Exterior Sound Power Level (ISO 6395:2008) – 104 dB(A)

- Hearing protection may be needed when operating with an open operator station for extended periods or in a noisy environment.

OILS AND FLUIDS

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat BIO HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

FEATURES AND TECHNOLOGY

- The following features and technology contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Advanced hydraulic system balances power and efficiency
 - Hydraulic on-demand fan changes speed with temperature
 - Extended maintenance intervals reduce fluid and filter consumption
 - Auto idle shutdown reduces unproductive hours and fuel burned

500 Commerce Drive
 Clifton Park NY
 Tim Rinck
 NYS Vendor ID# 1000000018

Milton



2/16/2023

**Town of Clifton Park Highway
 CB 4.0**

562-0800	CB4.0 03A UTILITY COMPACTOR	\$90,110.00
0P-9002	LANE 2 ORDER	\$0.00
611-1364	ENGINE, CAT C1.7T	\$0.00
574-6039	OIL, HYD, STANDARD	\$0.00
568-5154	LIGHTS, WORKING, LED	\$0.00
565-3708	SWITCH, BATTERY DISCONNECT	\$146.00
367-6593	PUMP, PROPEL, STANDARD	\$0.00
573-5962	SEAT, WITH SAFETY SWITCH	\$725.00
364-2279	SUPPORT, SLIDING FOR SEAT	\$965.00
542-6995	SEAT BELT, 3"	\$183.00
576-8242	ROPS, FOLDABLE, LOCKABLE	\$2,415.00
453-9461	TRAVEL CONTROL, CUP HOLDER	\$77.00
602-4197	PRODUCT LINK, CELLULAR PL243	\$0.00
569-8093	GUARDS, BUMPER	\$106.00
562-0851	DRUM SCRAPER, FOLDING	\$0.00
574-6030	INSTRUCTIONS, ANSI	\$0.00
421-8926	SERIALIZED TECHNICAL MEDIA KIT	\$0.00
457-9154	MATS, COCOA	\$1,035.00
574-6076	FREEZE PROTECTION	\$149.00
0F-5109	CERTIFICATE OF ORIGIN	\$113.00
0G-0044	ROLL ON-ROLL OFF	\$0.00
	CAT CB 4.0 List Price	\$96,024.00
	NYS OGS/NJPA Contract #PC69406 Advertised Discount 18% - -	-\$18,245.00
	CAT Discount - -	-\$8,458.00
	Caterpillar CB 4.0 Sale Price - -	\$69,321.00

Due to the current situation with Global steel costs, this quote is valid for 30 days. We'll do our best to hold the price when an order is placed, but please contact me for an updated quote if it's been longer than 30 days. Lead times are based on current demand and subject to change without notice

CB4.0 VIBRATORY UTILITY COMPACTOR

Standard Equipment:

POWERTRAIN

CAT C1.7T diesel engine
-Turbocharged, EPA tier 4 final and EU stage V certified engine with DOC/DPF aftertreatment
-Gross power per ISO 14396 36kW (48.3 hp) @2800 RPM
-Liquid cooled, direct injection
Aftercooler, air to air (ATAAC)
Fuel filter/water separator/manual priming pump
Dual element air cleaner with dust ejection
3 Engine speeds - idle, med, high
Engine belt guard
Programable auto Idle Shutdown
Aluminum bar plate cooling system
Hydrostatic transmission
Auto warmup cycle
Hydraulic on demand cooling fan
Service and parking brakes - spring applied hydraulically released

ELECTRICAL

Engine start switch with auto preheat
12-volt starting and charging system
85 ampere alternator
Maintenance free battery, 750 CCA
Isolated and cooled battery compartment
Backup alarm and forward facing warning horn
Product Link ready
Beacon ready
Diagnostic connector
CAT ET Compatible
Labeled and sealed electrical connectors
LED work lights (2 front, 2 rear)

OPERATOR ENVIRONMENT

Gauge Cluster:
-Water level gauge
-Fuel level gauge
-Hour meter
-Engine coolant temperature gauge
-Faults
Simple rocker switches
Emergency stop switch
Operator warning system indicators:
-Water in fuel indicator
-Parking brake engaged
-Operator out of seat
-Hydraulic oil temperature high
-Hydraulic oil restriction
-Engine oil low pressure
-Electrical system voltage low

-Low fuel
-Engine preheat
-Engine emission system
-High/low vibe frequency
-Beacon status
Lockable, vandalism guard for instrument panel
Travel control, single lever
High Vis Orange retractable seatbelt, 76mm (3")
2 platform handrails/single guardrail
Steering wheel spinner
12-volt power point
ROPS
Sealed storage compartment
Isolated operator platform
Vibration reducing, diesel resistant rubber floormat

DRUMS

Two smooth drums: 1300 mm (51") wide x 800 mm (31.5") diameter
Single amplitude with dual frequency vibratory system
Automatic vibration control to prevent vibration in neutral
Selection of front drum or both drum vibration
Pressurized drum watering system with selectable continuous or intermittent flow
4 nozzle spray bars
Triple spray system filtration

FLUIDS

Premixed 50% concentration of extended life coolant with freeze protection to -37C (-35F)

OTHER STANDARD EQUIPMENT

Lockable engine enclosure with safety hold open batch
Lockable external fuel fill
Sight gauges:
-Hydraulic tank level
-Engine coolant
Lockable hydraulic tank cap
Articulated frame with safety lock
3 point hitch
4 transport tie-down and 4 lift points
81L (21 gal) fuel tank capacity
300L (79 gal) water tank capacity
6 quick connect hydraulic pressure test ports + 1 SOS port
Caterpillar o-ring face-seals couplings



Cat[®] CB4.0, CB4.4, CC4.0

Utility Compactors

The Cat[®] line of 3-5 ton utility compactors are well-suited for a variety of applications from asphalt work to base compaction and even landscaping. They are designed with industry leading features and performance to get the job done.

Simple to Operate

- Rocker switches and Cat gauge cluster with water tank gauge to help make operation easy
- Variable water spray system to extend time between water fills
- Optional sliding operator seat and dual propel levers for reducing operator fatigue and better job surface visibility

Proven Productivity

- Large 800 mm (31.5 in) drum diameters for smooth mat finish
- 16 mm (0.6 in) thick drum shells for longer durability
- Dual vibratory frequencies and ballast options to maximize compactive effort
- C1.7T engine with 36 kW (48.2 hp) (gross)

Technology Ready

- ProductLink[™] for remote monitoring of machine location and status
- Optional Compaction Measurement Value (CMV) displayed to the operator for improved compaction performance and consistency

Superior Safety

- High visibility 75 mm (3 in) orange seatbelt to make job site safety visible
- Seat with operator presence sensor to prevent unintended operation while out of the seat
- Slip resistant steps and platform for improved operator safety
- Optional rotating amber beacon

Easy to Service

- Cat controls with ET capability for easy troubleshooting
- Reduced maintenance tasks for quick servicing
- 500 hour oil change interval to reduce maintenance time and costs
- External fuel fill for easy access
- LED lighting for durable and reliable performance
- Uptime kits and customer value agreements available to ensure maximum uptime



Cat® CB4.0, CB4.4, CC4.0 Utility Compactors

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional		Standard	Optional
OPERATOR ENVIRONMENT			POWERTRAIN		
Adjustable Suspension Seat with Operator Presence Switch	✓		Auto Engine Off and Auto Warmup	✓	
ROPS Folding	✓		Air Cleaner, Dual Element	✓	
ROPS Fixed		✓	Engine Belt Guard	✓	
Seat Belt – 75 mm (3 in) high visibility orange	✓		Traction Control (CB4.0, CB4.4)		✓
Operator Console w/ Water Tank Gauge, Emergency Stop, and Glove Box	✓		Fuel Filter, Water Separator, Priming Pump, Water Indicator	✓	
12-volt Power Outlet	✓		On-demand Hydraulic Cooling Fan	✓	
Horn, Backup Alarm	✓		TECHNOLOGY		
Sun Canopy		✓	Telematics – ProductLink™	✓	
Seat – Side Shift		✓	Remote Flash / Troubleshoot		✓
Dual Propel Levers		✓	CMV - Compaction Measurement Value		✓
COMPACTION SYSTEM			ELECTRICAL		
Folding Scrapers	✓		LED Working Lights	✓	
Vibe Selection – Front, Rear, or both	✓		Battery Disconnect		✓
Pressurized, Triple-Filtration Spray System with Test Mode	✓		LED Rooding Lights		✓
Cocoa Mats		✓	Rotating Amber Beacon		✓
Edge Cutter Ready		✓	OTHER		
Water Sprayer Antifreeze Kit		✓	Vandal Protection – lockable hood, fuel fill, and controls cover	✓	
Ballast Kit – 200 kg (440 lb) (CC4.0)		✓	Biodegradeable Hydraulic Oil		✓
Ballast Kit – 400 kg (880 lb) (CB4.0, CB4.4)		✓	Bumpers		✓
Ballast Kit - 542 kg (1194.91 lb) (CB4.0, CB4.4)		✓	Machine Life and Tiedowns	✓	
			Offsets Hitch	✓	
			Custom Paint		✓

Cat® CB4.0, CB4.4, CC4.0 Utility Compactors

Utility Compactor Application Guide											
			0 - 1.8 Tons		1.8 - 3 Tons				3 - 5 Tons		
	Application	Layer Thickness mm (in)	CB1.7	CB1.8	CB2.5 CB2.5 GC	CB2.7 CB2.7 GC	CC2.7 CC2.7 GC	CB2.8	CB4.0	CB4.4	CC4.0
			800 mm (31 in)	1000 mm (39 in)	1000 mm (39 in)	1200 mm (47 in)	1200 mm (47 in)	1300 mm (51 in)	1300 mm (51 in)	1490 mm (59 in)	1300 mm (51 in)
Asphalt	Walking Paths, Driveways, Patchwork	25 - 50 (1 - 2)	Best	Best	Better	Better	Better	Good	Good	Good	Good
		50 - 100 (2 - 3)	Best	Best	Better	Better	Better	Good	Good	Good	Good
	Parking Lots, Urban Streets	25 - 50 (1 - 2)	Better	Best	Best	Best	Best	Best	Better	Better	Better
		50 - 100 (2 - 3)	Better	Better	Best	Best	Best	Best	Better	Better	Best
	Roads, Highways	25 - 50 (1 - 2)	Good	Good	Better	Better	Better	Best	Best	Best	Best
		50 - 100 (2 - 3)	Good	Good	Better	Better	Better	Better	Best	Best	Best
Soil	Landscaping	< 100 (4)	Best	Best	Better	Better	Better	Good	Good	Good	Good
	Small Job Sites	< 100 (4)	Good	Good	Best	Best	Best	Better	Better	Better	Better
	Medium Job Sites	< 100 (4)	Good	Good	Better	Better	Better	Best	Best	Best	Best

Cat® CB4.0, CB4.4, CC4.0 Utility Compactors

Technical Specifications

Engine - Powertrain

Engine Model	Cat® C1.7T	
Global Emissions	US EPA Tier 4 Final EU Stage V	
Number of Cylinders	3	
Rated Speed	2800 rpm	
Gross Power ISO 14396	36.0 kW	48.2 hp
Net Power ISO 9249 ¹	35.5 kW	47.6 hp
Exhaust gas aftertreatment type	DOC/DPF	

¹ Net Power is calculated at maximum cooling fan speed.

Machine Performance

Maximum Machine Speed		
CB4.0, CB4.4	13 km/hr	8.1 mph
CC4.0	12 km/hr	7.5 mph
Theoretical Gradeability (no vibs) ²		
CB4.0	46%	
CB4.4	44%	
CC4.0	49%	

² Actual gradeability may vary based on site conditions and machine configuration. Refer to the Operation and Maintenance Manual for more information.

Vibratory System Specifications

Frequency		
High	55 Hz	3300 vpm
Low	45 Hz	2700 vpm
Amplitude		
CB4.0	0.50 mm	0.020 in
CB4.4	0.49 mm	0.019 in
CC4.0	0.50 mm	0.020 in
Maximum Centrifugal Force		
CB4.0	33.47 kN	7524 lbf
CB4.4	34.82 kN	7828 lbf
CC4.0	33.47 kN	7524 lbf

Machine Weights³

Standard Machine Operating Weight with ROPS		
CB4.0	3623 kg	7971 lb
CB4.4	3801 kg	8362 lb
CC4.0	3586 kg	7889 lb
Maximum Machine Weight ⁴		
CB4.0	4315 kg	9493 lb
CB4.4	4493 kg	9885 lb
CC4.0	3936 kg	8659 lb
Operating Weight (Front)		
CB4.0	1744 kg	3837 lb
CB4.4	1810 kg	3982 lb
CC4.0	1781 kg	3918 lb
Operating Weight (Rear)		
CB4.0	1879 kg	4134 lb
CB4.4	1991 kg	4380 lb
CC4.0	1805 kg	3971 lb
Weight per Tire – Operating Weight		
CC4.0	451 kg	992 lb
Static Linear Load – Operating Weight (Front)		
CB4.0	13.42 kg/cm	75.0 lb/in
CB4.4	12.93 kg/cm	72.2 lb/in
CC4.0	13.70 kg/cm	76.6 lb/in
Static Linear Load – Operating Weight (Rear)		
CB4.0	14.45 kg/cm	80.8 lb/in
CB4.4	14.22 kg/cm	79.5 lb/in
CC4.0	13.88 kg/cm	77.6 lb/in

³ Operating Weights include coolant, lubricants, full fuel tank, 50% water, and 80 kg (176 lb) operator.

⁴ Maximum Machine Weight includes all options, heaviest ballast configuration, full fluids, and 80 kg (176 lb) operator.

Cat® CB4.0, CB4.4, CC4.0 Utility Compactors

Technical Specifications

Electrical

System Voltage	12 v
Battery Capacity	750 CCA
Alternator	85 Amp

Dimensions

1 Overall Length*	2853 mm	112.3 in
2 Overall Width		
CB4.0	1400 mm	55.1 in
CB4.4	1500 mm	59.1 in
CC4.0	1400 mm	55.1 in
3 Drum Width		
CB4.0	1300 mm	51.2 in
CB4.4	1400 mm	55.1 in
CC4.0	1300 mm	51.2 in
Drum Shell Thickness	16 mm	0.6 in
Drum Diameter	800 mm	31.5 in
Drum Offset	50 mm	2.0 in
4 Overall Height		
with ROPS**	2660 mm	104.7 in
with ROPS and Canopy**	2774 mm	109.2 in
5 Transport Height with foldable ROPS	1932 mm	76.1 in
6 Wheelbase	2050 mm	80.7 in
7 Curb Clearance	499 mm	19.6 in
8 Ground Clearance	284 mm	11.2 in
Inside Turning Radius		
CB4.0	2926 mm	115.2 in
CB4.4	2876 mm	113.2 in
CC4.0	2926 mm	115.2 in
Outside Turning Radius		
CB4.0	4226 mm	166.4 in
CB4.4	4276 mm	168.3 in
CC4.0	4226 mm	166.4 in

*Bumper option adds 95 mm (3.7 in)

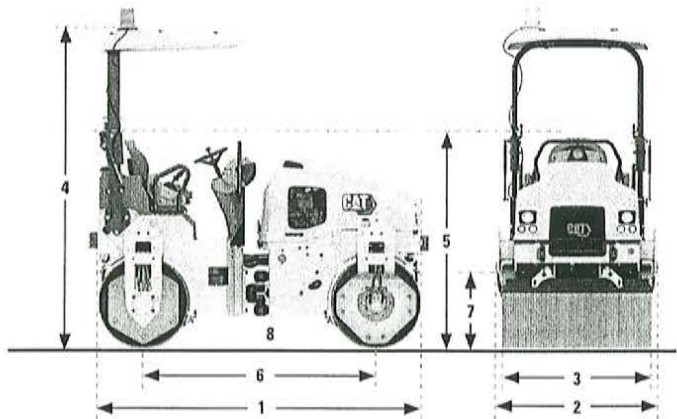
**Beacon option adds 175 mm (6.8 in)

Miscellaneous

Articulation Angle	32°
Oscillation Angle	9°
Number of Tires (CC4.0)	4

Service Refill Capacities

Fuel Tank (total capacity)	81 L	21.43 gal
Water Spray Tank (total capacity)		
CB4.0, CB4.4	300 L	79 gal
CC4.0	230 L	61 gal
Emulsion Tank (total capacity) CC4.0 only	34.7 L	9.16 gal
Cooling System	8.8 L	2.32 gal
Engine Oil with Filter	6.3 L	1.66 gal
Hydraulic Tank (service refill)	21 L	5.54 gal



Cat® CB4.0, CB4.4, CC4.0 Utility Compactors

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ENGINE

- The Cat C1.7T is available in configurations that meet U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)
 - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

PAINT

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
 - Barium < 0.01%
 - Cadmium < 0.01%
 - Chromium < 0.01%
 - Lead < 0.01%

SOUND PERFORMANCE

With cooling fan speed at 70% of maximum value:

Operator Sound Pressure Level (ISO 6396:2008) – 88 dB(A)

Exterior Sound Power Level (ISO 6395:2008) – 106 dB(A)

- Hearing protection may be needed when operating with an open operator station for extended periods or in a noisy environment.

OILS AND FLUIDS

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat BIO HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

FEATURES AND TECHNOLOGY

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Advanced hydraulic system balances power and efficiency
 - Hydraulic on demand fan changes speed with temperature
 - Extended maintenance intervals reduce fluid and filter consumption
 - Auto idle shutdown reduces unproductive hours and fuel burned

RESOLUTION

#3

Resolution No. ____ of 2023, a resolution authorizing the retention of MJ Engineering and Land Surveying for engineering and design services associated with the Sitterly Road Sidewalk Extension project, utilizing funds available through a Saratoga County Economic Development grant.

Introduced by _____, who moved its adoption, seconded by _____.

WHEREAS, MJ Engineering and Land Surveying, P.C., has submitted a proposal for engineering services in the amount of \$20,000, of which \$14,200 will be reimbursed to the Town as a result of the 2022 Saratoga County Economic Grant that was awarded to the Town at the October 6, 2022 Saratoga County Economic Development Committee meeting, per award notification attached, and

WHEREAS, Mr. Scavo recommends the retention of MJ Engineering for the work based on their experience and familiarity with the project needs, now therefore be it

WHEREAS, the supervisor is authorized to procure the services of professional engineering and consulting firms by the town's procurement policy and by Resolution 2 of 2023; now, therefore, be it

RESOLVED, that Mr. Scavo is authorized to notify MJ Engineering to proceed on the project as quoted in their September 2022 correspondence, attached, and be it further

RESOLVED, that the supervisor is authorized to sign a contract with MJ Engineering and Land Surveying P.C. consistent with their quote as attached, to be paid from A-1440-135 (General Fund-Engineering-Engineering), and be it further

RESOLVED, that upon project completion, the Planning Department is authorized to submit a Reimbursement Request Form, with all required supporting documents as noted in the attached award notification, to the Saratoga County Department of Planning and Economic Development for the \$14,200 award reimbursement.



SARATOGA COUNTY
DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT

JASON KEMPER
DIRECTOR

TOM L. LEWIS
COUNTY PLANNING BOARD
CHAIRMAN

October 26, 2022

Town of Clifton Park
Clifton Park Town Hall
1 Town Hall Plaza
Clifton Park, NY 12065

RE: 2022 Economic Development Grant

Dear Supervisor Barrett:

It is my pleasure to inform you that at the October 6, 2022 meeting, the Saratoga County Economic Development Committee has awarded an Economic Development grant in the amount of \$14,200.00 to the Town of Clifton Park for the Sitterly Road Sidewalk Extension project.

The funds must be spent by the municipality and then Saratoga County will issue a reimbursement when the request for funds is made. The Saratoga County Department of Planning and Economic Development is requesting the following documentation be provided when disbursement of the grant funding is sought by the municipality:

1. Reimbursement Request Form (attached)
2. Copies of invoices/receipts
3. Copies of cancelled checks

Once all the above-mentioned materials are provided, I will present the request to the Economic Development Committee for reimbursement. Once the committee approves the reimbursement, a completed voucher will be sent to you for signature.

Please contact this department with any questions you may have.

Sincerely,

A handwritten signature in cursive script that reads "Jason Kemper".

Jason Kemper, Director

JK/nm

50 WEST HIGH STREET
BALLSTON SPA, NY 12020

(518) 884-4705 PHONE
(518) 884-4780 FAX

ATTACHMENT "B"

TASK LIST

Towns of Clifton Park

Sitterly Road Sidewalk Extension (From Stewarts to I-87 bridge)

Feasibility Study

September 2022



TABLE OF CONTENTS

Section 1	General
Section 2	Data Collection
Section 3	Preliminary Design
Section 4	Environmental
Section 5	Right-of-Way
Section 10	Estimating & Technical Assumptions

M.J. Engineering and Land Surveying, P.C.
Professional Engineering Services
Sitterly Road Sidewalk Extension (From Stewarts to I-87 bridge)
Towns of Clifton Park, Saratoga County

November 30, 2022

Task	Description	Fee
1	General	\$ 2,300
2	Data Collection	\$ 5,000
3	Preliminary Design (Study)	\$ 9,000
4	Environmental	\$ 2,500
5	Right-of-Way (Tax Maps)	\$ 1,200
Sub-Total		\$ 20,000

Section 1 - General

1.01 Project Description and Location

This project is known as:

Project:	Sitterly Road Sidewalk Extension (From Stewarts to I-87 bridge)
Project Description:	The project involves the feasibility study for the design of a 5' concrete sidewalk.
Town:	Town of Clifton Park, New York
County:	Saratoga

The anticipated limit for this project will be along the north side of Sitterly Road from the existing entrance into Steward's / Ellis Medical Center to the new sidewalk at the newly constructed bridge crossing I-87.

All work performed by the **Consultant** at the **Consultant's** initiative must be within the current project limits specified above.

All further references to the **Town** in this Scope of Services shall be applicable the **Town of Clifton Park**.

1.02 Contract Administrator

The **Town's** Contract Administrator for this project is John Scavo.

1.03 Project Classification

This project is assumed to be a Class II action under USDOT Regulations, 23 CFR 771.

Classification under the New York State Environmental Quality Review Act (SEQRA) Part 617, Title 6 of the Official Compilation of Codes, Rules, and Regulations of New York State (6 NYCRR Part 617) is assumed to be Unlisted.

1.04 Categorization of Work

Project work is generally divided into the following sections:

Section 1	General
Section 2	Data Collection & Analysis
Section 3	Preliminary Design – Feasibility Study Only
Section 4	Environmental – Screening Only
Section 5	Right of Way – Existing Right of Way survey Only
Section 6	Detailed Design (by Supplemental)
Section 7	Advertisement, Bid Opening and Award (by Supplemental)

Section 8	Construction Support (by Supplemental)
Section 9	Construction Inspection (by Supplemental)

When specifically authorized in writing to begin work the **Consultant** will render all services and furnish all materials and equipment necessary to provide the **Town** with reports, plans, estimates, and other data specifically described in Sections 1 through 5.

1.05 Project Familiarization

The **Consultant** will become familiar with the project before starting any work. This includes thorough review of all supplied project information and a site visit to become familiar with field conditions. **Consultant** will obtain the following information from the Town (*).

- * Approved project initiation document (Initial Project Proposal or similar documentation) indicating project type, project location, cost estimate, schedule, and fund source(s)
- * Transportation needs
- * Plans for future related transportation improvements or development in the area of the project, including Saratoga's plans, if any.
- * Anticipated permits and approvals (initial determination)
- * Available project studies and reports
- * Other relevant documents pertaining to the project

1.06 Meetings

The **Consultant** will prepare for and attend all meetings as directed by the **Town's** Contract Administrator. Meetings may be held to:

- A. Present, discuss, and receive direction on the progress and scheduling of work in this agreement.
- B. Present, discuss, and receive direction on study specifics.
- C. Discuss and resolve comments resulting from review of documents.

The **Consultant** will be responsible for the preparation of all meeting minutes; the minutes will be submitted to meeting attendees within 10 business days of the meeting date.

1.07 Cost and Progress Reporting

For the duration of this agreement, the **Consultant** will prepare and submit to the **Town** on a monthly basis a Cost Control Report, a Progress Report, and a Project Schedule in a format approved by the **Town**. The beginning and ending dates defining the reporting period will correspond to the beginning and ending dates for billing periods, so that this reporting process can also serve to explain billing charges. (In cases where the **Town** officially suspends all work under this contract, this task will not be performed during the suspension period or as directed by the **Town**.)

1.08 Policy and Procedures

A. Compliance with Documents

All work must conform to current versions of the following documents, as applicable. Where necessary, the **Consultant** will obtain either the full document or guidance extracted from it.

1. A Policy on Geometric Design of Highways and Streets, American Association of State Highway and Transportation Officials (AASHTO)
2. ADA Accessibility Guidelines for Buildings and Facilities
3. AASHTO Model Drainage Manual & NYSDOT Highway Design Manual Chapter 8
4. AASHTO Guide for the Planning, Design and Operation of Pedestrian Facilities
5. AASHTO Guide for the Development of Bicycle Facilities
6. NYSDOT Highway Design Manual
7. FHWA Manual on Uniform Traffic Control Devices and NYS Supplement
8. NYSDOT The Environmental Manual

B. Compliance with Environmental Laws, Regulations and Permits

All work must comply with the requirements of all applicable state and federal environmental laws, regulations and policy.

1.09 Specifications

Concepts will be developed in accordance with the current edition of the NYSDOT Standard Specifications for Construction and Materials, including all applicable revisions.

1.10 Subconsultants

Not applicable.

A.

1.11 Subcontractors

Not applicable.

1.12 Units of Measure

General: All documents shall use Customary (English) units as the primary system of measurement. This includes, but is not limited to, the plans, specifications and engineer's estimate. As-built drawings shall be dimensioned in Customary (English) units of measure.

Survey: All survey data will be obtained in Customary (English) units.

Section 2 - Data Collection & Analysis

2.01 Design Survey

A. Ground Survey

The Consultant shall obtain terrain data required for design by means of a topographic survey. A digital terrain model will be created that will permit contouring and performing of earthwork volume estimates.

Existing utilities will be accurately located and mapped with aid and coordination from local utility companies. Mapping will be submitted to each utility for verification.

B. Photogrammetric Survey (Intentionally Left Blank)

C. Stream Survey (Intentionally Left Blank)

D. Survey of Wetland Boundaries (Intentionally Left Blank)

E. Supplemental Survey

The **Consultant** will provide supplemental survey when needed for design purposes and to keep the survey and mapping current.

F. Standards

Project control will conform to the following:

1. Horizontal project control

The survey will be reported in English units on the New York State Plane Coordinate System Eastern Zone based upon the North American Datum of 1983 adjusted to the Continuous Operating System of 1996 (NAD83 / CORS96).

Primary project control, established by GPS techniques, should be of at least C2-I order as defined in *Geometric Geodetic Accuracy Standards and Specifications for Using GPS Relative Positioning Techniques*, Federal Geodetic Control Committee.

Primary project control, established by conventional techniques, should be of at least second order, class II, as defined in *Standards and Specifications for Geodetic Control Networks*, Federal Geodetic Control Committee, 1984. After initial angular adjustment, all traverses should reflect a precision of at least 1 part in 20,000 parts to qualify for final adjustment and then as project control.

2. Vertical project control

Elevations will be based on the North American Vertical Datum of 1988 (NAVD 88).

Level runs should begin and end on benchmarks classified as at least second order, class II.

Whenever practical and economical, use two different benchmarks to begin and end vertical surveys.

2.02 Design Mapping

- A. The **Consultant** will provide the 1"=20'-0" scale design mapping with 2'-0" contour intervals. Denser contour intervals will be developed for any area requiring additional detail.
- B. Mapping coverage will extend from the guiderail along the north side of Sitterly Road to the parking lot within Ellis Medical Center and 200 feet on either end of the project limits.

2.03 Determination of Existing Conditions

The **Consultant** will determine, obtain or provide as appropriate:

- A. The existing highway section(s) and features within the project limits, including:
 - 1. Number, width, type (through, turning, climbing, etc.), and location of travel lanes.
 - 2. Shoulder widths and types (asphalt, gravel, grass, etc.).
 - 3. Number, width, type, and location of utility strips.
 - 4. Location and percent of grades.
 - 5. Horizontal curve radii.
 - 6. Intersection geometry and conditions
 - 7. Parking regulations and conditions within the project limits.
 - 8. Right-of-way width (may be shown on a plan with references to the plan).
 - 9. Condition and adequacy of guiderail.
 - 10. Location of traffic control features and their conformity with the latest guidelines for such features.
 - 11. Provisions for pedestrians and bicyclists
- B. The following information within the project limits as appropriate:
 - 1. Existing mainline speed limit (and whether the speed limit is posted or not), and existing operating speeds (85th percentile speeds in most cases).
 - 2. Land use for the project area as it now exists and future land development (planned and potential), including development years.
 - 3. Existing vehicle access control (full control, partial control, or uncontrolled) and whether existing driveway entrances comply with local standards or policies.
 - 4. Existing pavement and shoulder conditions within the project limits.
 - 5. A general assessment of drainage conditions within the project limits.
 - 6. A list of all utilities, and the respective owners, within the project's existing ROW.

7. Which, if any, school buses, emergency vehicles, or farm machinery regularly uses this route.
8. Which, if any, suitable detour routes are available.
9. Which, if any, public or private transit operators, regular use this route and Park-and-Ride facilities within the Town corridors.

(A table format for the above information is recommended; a plan or typical section may be used where appropriate)

2.04 Crash Data and Analysis (Intentionally Left Blank)

2.05 Traffic Counts (Intentionally Left Blank)

2.06 Capacity Analysis (Intentionally Left Blank)

2.07 Future Plans for Roadway and Coordination with Other Projects

The **Town** will provide a brief written statement specifying whether or not plans exist to reconstruct or widen the highway segments immediately adjacent to the project within the next twenty years.

The **Town** will determine the influence, if any, of other existing or proposed projects or proposed developments in the vicinity of this project. The **Town** will provide all necessary information pertaining to the other projects or developments.

2.08 Soil Investigations (Intentionally Left Blank)

2.09 Hydraulic Analysis (Intentionally Left Blank)

2.10 Bridge to be Rehabilitated (Intentionally Left Blank)

2.11 Pavement Evaluation (Intentionally Left Blank)

Section 3 - Preliminary Design

3.01 Design Criteria

- A. The **Consultant** will identify the applicable design standards to be used for this study and will establish appropriate design criteria.
- B. Applicable design standards will be chosen from:
 - 1. AASHTO Guide for the Planning, Design and Operation of Pedestrian Facilities
 - 2. NYSDOT Highway Design Manual, Chapter 2
 - 3. NYSDOT Highway Design Manual, Chapter 5
 - 4. NYSDOT Highway Design Manual, Chapter 18
- C. Project-specific design criteria will include (at a minimum): pedestrian walkway width, shoulder width, grade, physical separation from travel lanes and lateral clearance.
- D. The **Town** will approve the selected project design criteria.
- E. Based on the selected design criteria, the **Consultant** will identify all existing non-standard features that are within and immediately adjacent to the project limits.

3.02 Development of Alternatives

A. Selection of Design Alternative

The **Consultant** will identify and make rudimentary evaluations of potential design alternative concepts that would meet the **Town's** defined project objectives. These evaluations are not to be carried beyond the point of establishing the feasibility of each concept as a design alternative; only those significant environmental and geometric design constraints that bear on the feasibility should be identified.

For each concept, the **Consultant** will prepare rudimentary sketches of plan, profile, and typical section views, which show:

- 1. On plan: proposed centerlines; sidewalk termini; guide rail; and existing ROW limits.
- 2. On typical section: sidewalk section and materials, sidewalk width; guide rail; ditches; gutters; curbs; and side slopes.
- 3. Where necessary: important existing features.
- 4. Where pertaining to feasibility: significant environmental and geometric design constraints, labeled as such.

These sketches will include only the minimum information needed to apply for grant funding.

The **Consultant** will meet with the **Town** to discuss the concepts, using the sketches as discussion aids to describe the relative order-of-magnitude costs, advantages, disadvantages, and problem areas of each. From these concepts the **Town** will select one, or in some cases more, design alternative(s) for further development.

B. Detailed Evaluations of Alternative (Intentionally Left Blank)

3.03 Cost Estimates

A. The **Consultant** will develop a cost estimate for each concept-level design alternative.

B. The **Consultant** will update the estimate as necessary to incorporate significant concept-level design changes.

3.04 Preparation of Feasibility Study Memo

A. The **Consultant** will prepare a Feasibility Study Memo to describe the study area, briefly document the existing conditions, summarize the concept design and document environmental screenings.

3.05 Advisory Agency Review (Intentionally Left Blank)

3.06 Public Information Meetings (Intentionally Left Blank)

3.07 Preparation of Design Approval Document (Intentionally Left Blank)

Section 4 - Environmental

4.01 NEPA Classification (Intentionally Left Blank)

4.02 SEQRA Classification (Intentionally Left Blank)

4.03 Screenings and Preliminary Investigations

The **Consultant** will screen and perform screenings to determine potential impacts resulting from the design alternative(s). Work will be performed, as detailed below and in accordance with the criteria contained in the NYSDOT Environmental Procedures Manual. The results of these screenings will be documented in the Feasibility Study Memo.

A. General Ecology and Endangered Species

The **Consultant** will screen the study limits for potential presence of endangered or threatened species using NYSDEC and USFWS sources.

B. Ground Water (Intentionally Left Blank)

C. Surface Water and Stormwater Management

1. The **Consultant** will determine the New York State Department of Environmental Conservation (NYSDEC) surface water classification for each body of water, pursuant to 6 NYCRR Part 701.
2. The **Consultant** will identify drainage basins existing within or adjacent to the project site and will determine how the existing soils, vegetation, topography, climate, and seasonal nature of the proposed construction may affect the potential for erosion and sedimentation.
3. The **Consultant** will consult with the **Town's** Stormwater officer to determine if the concept will affect existing stormwater management facilities adjacent to, or within the study area.

D. State Wetlands

The **Consultant** will review NYSDEC Freshwater Wetlands Maps to identify locations of state-regulated wetlands in the project area, and if so, will determine if the design alternative(s) will impact the identified State-regulated wetlands and their regulated adjacent areas (100' for freshwater wetlands).

E. Federal Jurisdictional Wetlands

The **Consultant** will use US Fish & Wildlife Services National Wetland Inventory Maps to screen for the presence of freshwater wetlands. The **Consultant** will make a site visit to determine if federal jurisdictional wetlands are present within or adjacent to the proposed project limits, and whether the wetlands could be affected by proposed project activities.

F. Floodplains (Intentionally Left Blank)

- G. Coastal Zone Management (Intentionally Left Blank)
- H. Navigable Waterways (Intentionally Left Blank)
- I. Historic Resources (Intentionally Left Blank)
- J. Parks (Intentionally Left Blank)
- K. Hazardous Waste (Intentionally Left Blank)
- L. Asbestos (Intentionally Left Blank)
- M. Noise (Intentionally Left Blank)
- N. Air Quality (Intentionally Left Blank)
- O. Energy (Intentionally Left Blank)
- P. Farmlands (Intentionally Left Blank)
- Q. Visual Impacts (Intentionally Left Blank)
- R. Native American Tribes (Intentionally Left Blank)

4.04 Detailed Studies and Analyses - (Intentionally Left Blank)

4.05 Permits and Approvals - (Intentionally Left Blank)

4.06 Environmental Hearing - (Intentionally Left Blank)

Section 5 - Right-of-Way

5.01 Preliminary Property Information

Existing geographic boundaries, including property lines, right of way lines and municipal subdivisions will be incorporated into the project base mapping files by scale from tax maps. Names of reputed owners of property adjacent to the trail will be represented in the mapping as they appear on latest available tax rolls.

In areas where encroachments are apparent, detailed ROW survey will be performed to accurately locate the ROW line.

5.02 Right-of-Way Survey

The Consultant will perform survey needed to accurately determine existing right of way limits and establish side property lines. Lines so established will be incorporated into the project base mapping.

5.03	Right-of-Way Mapping	(Intentionally Left Blank)
5.04	Right-of-Way Plan	(Intentionally Left Blank)
5.05	Right-of-Way Cost Estimates	(Intentionally Left Blank)
5.06	Public Hearings for ROW Acquisitions	(Intentionally Left Blank)
5.07	Property Appraisals	(Intentionally Left Blank)
5.08	Appraisal Review	(Intentionally Left Blank)
5.09	Negotiations / Acquisition of Property	(Intentionally Left Blank)
5.10	Relocation Assistance	(Intentionally Left Blank)
5.11	Property Management	(Intentionally Left Blank)

Section 6 - Detailed Design - (Intentionally Left Blank)

To be incorporated by Supplemental Agreement.

Section 7 - Advertisement, Bid Opening and Award – (Intentionally Left Blank)

To be incorporated by Supplemental Agreement.

Section 8 - Construction Support – (Intentionally Left Blank)

To be incorporated by Supplemental Agreement as/if needed.

Section 9 - Construction Inspection – (Intentionally Left Blank)

To be incorporated by Supplemental Agreement as/if needed.

Section 10 - Estimating & Technical Assumptions

10.01 Estimating Assumptions

The following assumptions have been made for estimating purposes:

- | | |
|-----------|--|
| Section 1 | Estimate two (2) meetings during the life of this agreement, including but not limited to:

Get Start

Review Concepts

Estimate six (6) cost and progress reporting periods will occur during the life of this agreement. |
| Section 2 | Assume that GPS methods and equipment will be used to establish local control points. |
| Section 3 | Estimate two (2) design alternative will be analyzed in addition to the null alternative.

Estimate one (1) cost estimate plus one (1) update will be required. |

10.02 Technical Assumptions

1. A Survey Control Report will not be required. The horizontal control will be established by GPS. The vertical control will be established by conventional leveling methods from an NGS benchmark.
2. Sidewalk will be located along the north side of Sitterly Road.

RESOLUTION
4

Resolution No. _____ of 2023, a resolution issuing permits to serve alcoholic beverages per the attached Special Alcohol Use Permits.

Introduced by _____, who moved its adoption, seconded by _____.

WHEREAS, the following applicants have submitted Special Alcohol Use Permit Requests to the Senior Center and Office of Parks, Recreation and Community Affairs, to be allowed to serve alcohol in the form of beer and wine for gatherings on the following dates with locations as listed on the applications:

Ava Zuend, resident of Clifton Park, April 21, 2023, 6:00-8:00 pm, Senior Center
Michele Kelley, resident of Clifton Park, August 12, 2023, 12:00-6:00PM, Collins Park

; now, therefore, be it

RESOLVED, that the Town Board hereby authorizes the Special Alcohol Use Permit Requests submitted by Ava Zuend and Michele Kelley for gatherings as indicated.



Town of Clifton Park

Clifton Park Senior Community Center

* 6 Clifton Common Court, Clifton Park, New York 12065 * 518-383-1343 *

2023 Facility Rental Agreement

General Information

Name of Organization: Nico's 2^{1st} Birthday Today's Date: 3/23/23

Contact Person: Ava Zwend

Address: _____ City: Glenville

Phone (home) _____ cell) 518-203-4562

Email: avamzwend911@gmail.com

Date of Rental: 4/21/23 Start Time: 6:00pm End Time: 8:00pm

Purpose of Event: Surprise Birthday party

Number of Attendees: 20-30 Is your organization a 501(c)(3)? (proof required) NO

Rental is not guaranteed until payment and signed Agreement is received

Carry in, carry out policy in effect for all events. All checks are to be made payable to: Town of Clifton Park.

Description	Regular Rate	Non-Profit <small>*Must have a 501(c)(3)</small>	# of Hours	Fee
Security Deposit	\$100	\$100	-	\$100
Community Room - Full Room	\$90 per hour	\$60 per hour		
Community Room - Half Room	\$60 per hour	\$40 per hour	2	\$120
Studio/Activity Room	\$60 per hour	\$40 per hour		
Arts & Crafts Room/ Library Room	\$35 per hour	\$25 per hour		
Kitchen	\$90 per day	\$90 per day		
Room Set-up/ Break-down Fee (may be available upon request)	\$100 (if available)	\$100 (if available)		
Alcohol Permit	\$25	\$25	-	\$25
Special Instructions:	Total Due: <u>\$145</u>			
<u>We will open 5:30pm close at 8:30pm</u>	Amount Paid: <u>\$145 (cc) 303 (cc)</u>			
	Balance:			

Facility Rental Permit is governed by the following conditions:

- Permits valid for agreed upon date or dates, restricted to area/room (*the lobby is not rentable*), and number of participants as indicated on permit.
- All renters must provide a \$100 security deposit to be paid in full, with a separate check from the rental fee, at the time of reservation. The security deposit will be applied to any cleaning, theft, damages upon completion of the event and will be held in escrow and refunded upon completion of the rental. In the event of misconduct or the misuse of the facility by the lessee, the Town of Clifton Park may take action and require the renter to reimburse the Town for damages suffered or extra expenses incurred including, but not limited to, the forfeiture of a portion or the entire security deposit.
- Cancellation requests less than 2 weeks of rental date will result in forfeiture of \$100 Security Deposit.
- Area and facility must be left clean and in the same condition in which it was found. Any damage incurred is the responsibility of the renter.
- Renter are not to use any rooms/areas of the building except what was rented, excluding restrooms.
- All food/drink shall be removed at the conclusion of the event. The Town has a carry in carry out policy on garbage. All garbage shall be removed and placed in the proper receptacle located in the back of the building.
- Smoking is not allowed in any part of the building. There is to be no open flames, i.e. candles, lanterns, allowed for use.
- On site supervision is required for all youth groups/events.
- At no time is the building/room occupancy to be exceeded and all fire doors and emergency exits must remain unblocked.
- Use of kitchen must be agreed upon in advance and requires an additional fee.
- Town of Clifton Park rules shall be adhered to. Immediate termination of the event and removal from the premises may occur by an authorized representative of the Town if in violation of these rules and regulations.
- Obnoxious behavior or excessive noise will not be permitted.
- Renter must retain Rental Agreement and make available upon request by park or police official.
- Open containers of alcoholic beverages are prohibited in the building, unless a permit has been issued which allows for the consumption of alcoholic beverages on the premises for which the permit has been issued. Such permits are authorized solely by the Town Board via resolution. A separate "Special Alcohol Use Permit Request" form must be submitted with this form.
- Use of Center equipment (i.e. projectors, PA system, televisions, etc.) is strictly prohibited.
- Renters must clean up all spills and sweep debris from wooden floors. Do not touch/play musical instruments without prior permission and do not handle the shades/blinds as they are delicate.
- Permit holder may be required to obtain and show proof of insurance naming Town of Clifton Park as an "Additional Insured".

I have read the Town of Clifton Park rules and the above special conditions and agree to abide by them.

Indemnity:

Ava Zuend (Renter's Name) agrees to indemnify and hold the Town, its officers, employees, representatives and/or agents harmless with respect to any and all claims, causes of action, suits, proceedings, damages, liabilities, losses, costs and expenses, including third party claims or actions and attorneys' fees, in connection with loss of life, personal injury and/or any loss of life, personal injury and/or property damage which may arise from and as a result of the negligent acts or omissions of Ava Zuend (Renter's Name) or others associated in some way therewith, during or arising out of the use of any park facility located in the Town of Clifton Park, County of Saratoga, State of New York on 4/21/23 (Rental Date).

SIGNED: 
Permit Applicant

APPROVED: 

DATE: 3/23/23



Clifton Park Senior Community Center
6 Clifton Common Court
Clifton Park, NY 12065
(518) 383-1343

2023 Special Alcohol Use Permit Request
(Please attach to Facility Permit Application)

Name of Organization: _____

Contact Person: Ava Zwend

Phone (home): _____ (work) _____ (cell) 518-703-4562

Email: avamzwend911@gmail.com

Date and Location of Event: 4/21/23 - Senior Center

Alcohol Permit is governed by the additional conditions: *(please see initial conditions listed on Facility Permit Application)*

1. The permit is not transferable.
2. Permit is valid for specified date and time of event only.
3. Only beer and wine are allowed in Town parks or facilities. Glass beverage containers are not permitted.
4. Permit holder only is allowed to bring alcoholic beverages into the park and is responsible for the conduct of all group members.
5. Permit holder must retain permit and make available upon request by proper park official or security officer.
6. Permit holder will be responsible for assuring ALL MEMBERS of his/her party that consume alcohol are of legal age to drink alcoholic beverages according to New York State law.
7. Alcoholic beverages are not permitted in parking lots or children's play areas.
8. The sale of alcoholic beverages in Town parks or facilities is strictly prohibited.
9. Alcoholic beverages are not to be consumed by team members during athletic team competition.
10. You must be at least 21 years of age to purchase an alcohol permit.
11. Permit Request must be submitted at least 30 days prior to rental date.

\$25 non-refundable fee must accompany special permit request.

I have read the Town of Clifton Park rules and the above special conditions and agree to abide by them.

SIGNED:		DATE:	<u>3/30/2023</u>
---------	---	-------	------------------

For Office Use Only:

Date Sent to Town Board for Resolution: 3/30

Date on Town Board Agenda Date: _____

Approved: Yes/No

If Approved, Permit Issued and Mailed to Applicant: _____



Town of Clifton Park

OFFICE OF PARKS AND RECREATION

One Town Hall Plaza • Clifton Park, N.Y. 12065 • (518) 371-6667 • (518) 545-4284

Mike Woerner, Director

2023 Special Alcohol Use Permit Request

(Please attach to Facility Permit Application)

Name of Organization: _____

Contact Person: Michelle Kelley

Add _____, Clifton Park, NY

Phone (home): _____ (cell) 518-253-4828

Email: _____

25th Birthday Party.

Location, Date and Time of Event: August 12, 2023
12:00 pm - 6:00 pm

Alcohol Permit is governed by the additional conditions: *(please see initial conditions listed on Facility Permit Application)*

1. The permit is not transferable.
2. Permit is valid for specified date and time of event only.
3. Only beer and wine are allowed in Town parks or facilities. Glass beverage containers are not permitted.
4. Permit holder only is allowed to bring alcoholic beverages into the park and is responsible for the conduct of all group members.
5. Permit holder must retain permit and make available upon request by proper park official or security officer.
6. Permit holder will be responsible for assuring ALL MEMBERS of his/her party that consume alcohol are of legal age to drink alcoholic beverages according to New York State law.
7. Alcoholic beverages are not permitted in parking lots or children's play areas.
8. The sale of alcoholic beverages in Town parks or facilities is strictly prohibited.
9. Alcoholic beverages are not to be consumed by team members during athletic team competition.
10. You must be at least 21 years of age to purchase an alcohol permit.
11. Permit Request must be submitted at least 30 days prior to rental date.

\$25 non-refundable fee must accompany special permit request.

I have read the Town of Clifton Park rules and the above special conditions and agree to abide by them.

SIGNED: Michelle Kelley

Date: 3-28-23

For Office Use Only:

Date on Town Board Agenda: _____

If Approved, Permit Issued and Mailed to Applicant: _____



Town of Clifton Park

OFFICE OF PARKS AND RECREATION

One Town Hall Plaza • Clifton Park, N.Y. 12065 • (518) 371-6667 • (518) 545-4284
Mike Woerner, Director

2023 OUTDOOR FACILITY PERMIT APPLICATION

General Information

Name of Organization: _____ Today's Date: 3-28-23
Contact Person: Michelle Kellen
Address: _____ City: Clifton Park
Phone: _____ (cell) 518-253-4828
Email: _____

Field and Pavilion Requested

<u>Town of Clifton Park Facility Rental</u> (See other side for facility description)		
Collins Park Field – NOT AVAILABLE	Veterans Park Field 1 _____	Locust Lane Pool Tent _____
Collins Park Pavilion <input checked="" type="checkbox"/>	Veterans Park Field 2 _____	Other: _____
	Veterans Park Field 3 _____	
	Veterans Park Pavilion _____	

Date Requested: 8-12-23 Time: 12:00pm to 6:00pm # of Participants: 20

Permit is governed by the following conditions

1. Permits valid for date(s), restricted to facility, and number of participants as indicated on permit.
2. Area and facility must be left clean. Any damage incurred is the responsibility of the permit holder.
3. Town of Clifton Park park rules (see attached) shall be adhered to. Immediate termination of the event and removal from the premises may occur by an authorized representative of the Town if in violation of these rules and regulations.
4. Obnoxious behavior or excessive noise will not be permitted.
5. Permit holder must retain permit and make available upon request by park or police official.
6. Open containers of alcoholic beverages are prohibited in all parks, unless a permit has been issued which allows for the consumption of alcoholic beverages on the premises for which the permit has been issued. Such permits are authorized solely by the Town Board via resolution. A separate "Special Alcohol Use Permit Request" form must be submitted with this form.
7. Permits are available through Clifton Park Office of Parks and Recreation and must be posted at the facility rental site.
8. Permit holder may be required to obtain and show proof of insurance naming Town of Clifton Park as an "Additional Insured".

I have read the Town of Clifton Park rules and the above special conditions and agree to abide by them. I understand there is a no refund policy on this rental. The town will work with me on rescheduling, when possible, if needed.

Indemnity: Michelle Kellen (NAME) agrees to indemnify and hold the Town, its officers, employees, representatives and/or agents harmless with respect to any and all claims, causes of action, suits, proceedings, damages, liabilities, losses, costs and expenses, including third party claims or actions and attorneys' fees, in connection with loss of life, personal injury and/or any loss of life, personal injury and/or property damage which may arise from and as a result of the negligent acts or omissions of Michelle Kellen (NAME) or others associated in some way therewith, during or arising out of the use of any park facility located in the Town of Clifton Park, County of Saratoga, State of New York on 8-12-23 (DATE).

SIGNED: Michelle Kellen
Applicant for Permit
Date: 3-28-23

APPROVED: Diana Trasn
Parks & Recreation Office

RESOLUTION

#5

Resolution No. _____ of 2023, a resolution hiring Seasonal Employees to staff Town Parks & Recreation locations for the 2023 seasons.

Introduced by _____, who moved its adoption, seconded by _____.

WHEREAS, the Town Board wishes to hire staff members for operation of the Town's seasonal programs at the three (3) Town pools and Summer Day Camps, and

WHEREAS, Mike Woerner, Director of Parks and Recreation, has recommended that the individuals listed in the attached Schedules A and B be hired to staff the pools and camps, respectively, and to be paid as indicated; now therefore be it

RESOLVED, that the individuals listed in the attached Schedules A and B be hired as staff for the Town's three (3) pools and Summer Day camp programs, through the end of the 2023 summer season.

SCHEDULE A

First	Last	Address	City/State	Pool	Title	2023 Step	Rate
Rachael	Hughes-Robillaro	[REDACTED]	Clifton Park, NY 12065	Locust Lane	Lifeguard	4	\$15.00
Gabriela	Liera	[REDACTED]	Clifton Park, NY 12065	Locust Lane	Lifeguard	4	\$15.00
Owen	McGrath	[REDACTED]	Clifton Park, NY 12065	Locust Lane	Lifeguard	2	\$14.50
Kyle	McQuade	[REDACTED]	Clifton Park, NY 12065	Locust Lane	Lifeguard	2	\$14.50
Demetra	Mouzakes	[REDACTED]	Clifton Park, NY 12065	Locust Lane	Lifeguard	4	\$15.00
Conor	Ozimek	[REDACTED]	Clifton Park, NY 12065	Locust Lane	Lifeguard	3	\$14.75
Carlie	Pazderski	[REDACTED]	Waterford, NY 12188	Locust Lane	Lifeguard	3	\$14.75
Taylor	Pazderski	[REDACTED]	Waterford, NY 12188	Locust Lane	Head Lifeguard	3	\$15.45
Tyler	Rossi	[REDACTED]	Clifton Park, NY 12065	Locust Lane	Lifeguard	4	\$15.00
Thomas	Rizzo	[REDACTED]	Clifton Park, NY 12065	Locust Lane	Lifeguard	3	\$14.75
Sophie	Silaika	[REDACTED]	Rexford, NY 12148	Locust Lane	Lifeguard	3	\$14.75

Isabel	Adams	[REDACTED]	Burnt Hills, NY 12027	Barney Road	Head Lifeguard	3	\$15.45
Rhys	Foulke	[REDACTED]	Clifton Park, NY 12065	Barney Road	Lifeguard	3	\$14.75
Michael	Gutcheil	[REDACTED]	Halfmoon, NY 12065	Barney Road	Lifeguard	3	\$14.75
Gavin	Hook	[REDACTED]	Halfmoon, NY 12065	Barney Road	Lifeguard	2	\$14.50
John	McQuade	[REDACTED]	Clifton Park, NY 12065	Barney Road	Head Lifeguard	6	\$16.20
Sean	Michalek	[REDACTED]	Clifton Park, NY 12065	Barney Road	Lifeguard	3	\$14.75
Brian	Miller	[REDACTED]	Halfmoon, NY 12065	Barney Road	Lifeguard	3	\$14.75
Ethan	Rogowski	[REDACTED]	Waterford, NY 12188	Barney Road	Lifeguard	3	\$14.75
Abigail	Schlegel	[REDACTED]	Ballston Lake, NY 12019	Barney Road	Lifeguard	3	\$14.75
Katherine	Schloth	[REDACTED]	Clifton Park, NY 12065	Barney Road	Lifeguard	2	\$14.50
Matthew	Selfridge	[REDACTED]	Clifton Park, NY 12065	Barney Road	Lifeguard	2	\$14.50
Ella	Simpson	[REDACTED]	Ballston Lake, NY 12019	Barney Road	Lifeguard	3	\$14.75
Matthew	Upton	[REDACTED]	Clifton Park, NY 12065	Barney Road	Lifeguard	2	\$14.50
Ella	Van Heusen	[REDACTED]	Ballston Lake, NY 12019	Barney Road	Lifeguard	3	\$14.75

Grace	Anderson	[REDACTED]	Rexford, NY 12148	Country Knolls	Lifeguard	2	\$14.50
John	Banagan	[REDACTED]	Clifton Park, NY 12065	Country Knolls	Lifeguard	2	\$14.50
Allison	Bieniek	[REDACTED]	Clifton Park, NY 12065	Country Knolls	Lifeguard	2	\$14.50
Sara	Casale	[REDACTED]	Ballston Lake, NY 12019	Country Knolls	Lifeguard	6	\$15.50
Lisa	Cimino	[REDACTED]	Ballston Lake, NY 12019	Country Knolls	Lifeguard	2	\$14.50
Scott	Dochat	[REDACTED]	Ballston Lake, NY 12019	Country Knolls	Lifeguard	5	\$15.25

Lucas	Durden		Clifton Park, NY 12065	Country Knolls	Lifeguard	2	\$14.50
Colin	Fitzgerald		Clifton Park, NY 12065	Country Knolls	Lifeguard	5	\$15.25
Trevor	Goodwill		Ballston Lake, NY 12019	Country Knolls	Lifeguard	2	\$14.50
Nasser	Habeeb		Mechanicville, NY 12118	Country Knolls	Lifeguard	2	\$14.50
Savanna	Hardt		Malta, NY 12020	Country Knolls	Lifeguard	2	\$14.50
Daniel	Killian		Mechanicville, NY 12118	Country Knolls	Lifeguard	2	\$14.50
Samantha	Killian		Mechanicville, NY 12118	Country Knolls	Head Lifeguard	5	\$15.95
William	McCoy		Mechanicville, NY 12118	Country Knolls	Lifeguard	2	\$14.50
Delaney	Michels		Ballston Lake, NY 12019	Country Knolls	Lifeguard	2	\$14.50
Jacob	Mitola		Clifton Park, NY 12065	Country Knolls	Lifeguard	2	\$14.50
Conner	Rudd		Clifton Park, NY 12065	Country Knolls	Lifeguard	2	\$14.50
Samantha	Sands		Ballston Lake, NY 12019	Country Knolls	Lifeguard	2	\$14.50
Cooper	Simmons		Halfmoon, NY 12118	Country Knolls	Lifeguard	2	\$14.50
Anna	Stoup		Clifton Park, NY 12065	Country Knolls	Lifeguard	2	\$14.50
Amanda	Tsakaloyannis		Mechanicville, NY 12118	Country Knolls	Lifeguard	3	\$14.75
Emery	Van Heusen		Ballston Lake, NY 12019	Country Knolls	Lifeguard	3	\$14.75

SCHEDULE B

Full Day Counselors 2023	Accounting code	Step
Ryan Davis	A-7320-E4500	1
Anthony Harbour	A-7320-E4500	1
Noah Reader	A-7320-E4500	1
Matthew Campagna	A-7320-E4500	1
Zach McMahon	A-7320-E4500	1
Brayden Hoose	A-7320-E4500	1
Ben Hoose	A-7320-E4500	1
John Westrick	A-7320-E4500	1
Riley Bowman	A-7320-E4500	1
Brianna Caton	A-7320-E4500	1
Alyssa Gonzalez	A-7320-E4500	1
Benjamin Mathers	A-7320-E4500	1
Matthew Joseph	A-7320-E4500	1
David Eyer	A-7320-E4500	1
Jonesville New Camp Counselors 2023		
Gregory Parseghian	A-7310-E4500	1
Mason Terry	A-7310-E4500	1
Evan Lacey	A-7310-E4500	1
Cameron Smith	A-7310-E4500	1
Kelsey Higgins	A-7310-E4500	1
Paige Gregory	A-7310-E4500	1
Reagan Leonardo	A-7310-E4500	1
Locust Lane New Counselors 2023		
Elizabeth Driedel	A-7310-E4500	1
Sarah Hamilton	A-7310-E4500	1
Sarah Clinton	A-7310-E4500	1
Ella Montanye	A-7310-E4500	1
Megan Symans	A-7310-E4500	1
Emily Symans	A-7310-E4500	1

Dominick Marra
Katelyn Toth

A-7310-E4500
A-7310-E4500

1
1

RESOLUTION

#6

Resolution No. ___ of 2023, a resolution establishing the Clifton Park Sewer District No. 1, Extension No. 6, Pursuant to Article 12-a of the New York State Town Law.

Introduced by _____ who moved its adoption, seconded by _____

WHEREAS, the Town Board proposes to create Extension No. 6 (the "Extension") to Clifton Park Sewer District No. 1, and

WHEREAS, a Sewer Report containing maps, and plans (the "Maps and Plans") have been prepared by Lansing Engineering and dated September 1, 2022, in a manner and detail sufficient for consideration by the Town Board regarding the proposed Extension, and

WHEREAS, the Maps and Plans have been filed in the Town Clerk's Office and are available for public inspection during regular business hours, and

WHEREAS, the Town Board intends to include within the Extension, properties served by sewer infrastructure accepted for dedication to The Town through resolution #202 of 2019, described in a sewer inventory letter by Lansing engineering dated July 10, 2019, included as Exhibit "C", and

WHEREAS, the boundaries of the proposed Extension are as described in Exhibit A to this Resolution, and includes property currently known as 989 Hatlee Road, also identified by the SBL designation 258.-1-22, and particularly described in exhibit "A", attached, as well as properties at 995, 997, 999 and 1001 Hatlee Road, as depicted in Exhibit "B", attached, and

WHEREAS, the sewer system improvements proposed to be constructed in and for the extension (the "Improvements") consist of the construction and installation of pipes, conduits, pumps, and related facilities and subsequent restoration to connect the property to an existing force main system along the east side of Hatlee Road sufficient to connect 3 separate users to the Sewer District facilities to accommodate subdivision of the subject property, as well as existing sewer infrastructure listed in Exhibit "C"

WHEREAS, the estimated maximum amount to be expended for the Improvements, including design, construction and administrative costs, is estimated to be \$27,848, and will be borne by the project owner/developer without capital costs or bonded indebtedness to the new extension, and

WHEREAS, the proposed method of financing the cost of the Improvements consists of private by the developer with subsequent dedication to the town as Commissioners of the Clifton Park Sewer District No. 1, and

WHEREAS, the annual cost of the proposed Extension to the typical property in the Extension is estimated to be \$440.50 per year, consisting of ad velorum assessments, and \$260.50 in sewer charges payable to the Saratoga County Sewer District No. 1, and \$ 180.00 for the Clifton Park s Sewer District No. 1, and

WHEREAS, the estimated cost of the hook-up fees to the typical property as part of the Extension is anticipated to be \$1,000.00 and

WHEREAS, The Grinder pumps installed within the project will be owned, operated and maintained by the homeowner/property owner to make the system compatible with Clifton Park Sewer District force main facilities on Hatlee Road,, NOW, THEREFORE, BE IT

RESOLVED, that the Town Board will hold a public hearing to hear all persons interested in the Extension and the proposed sewer system improvements, which public hearing shall be held in the Wood Memorial Room, One Town Hall Plaza, in the Town of Clifton Park on May 1, 2023 at 7:05 p.m.; and be it further

RESOLVED, and ordered that the Town Clerk give notice of such hearing by publishing the attached Notice of Public Hearing in the official Town newspaper and by posting a copy of this resolution on the Town's Official Sign Board not less than ten nor more than twenty (20) days before such hearing.

EXHIBIT A

Gilbert VanGuilder
Land Surveyor, PLLC
988 Route 146, Clifton Park, NY 12065
383-0634
FAX 371-8437

Members:

Robert A. Wilklow, PLS
Kevin H. Weed, PLS

September 1, 2022

SUGGESTED DESCRIPTION
CLIFTON PARK SEWER
DISTRICT #1 EXTENSION #3
HATLEE ROAD

All that certain piece, parcel or tract of land situate in the Town of Clifton Park, County of Saratoga, State of New York, lying along the easterly line of Hatlee Road, being further bounded and described as follows:

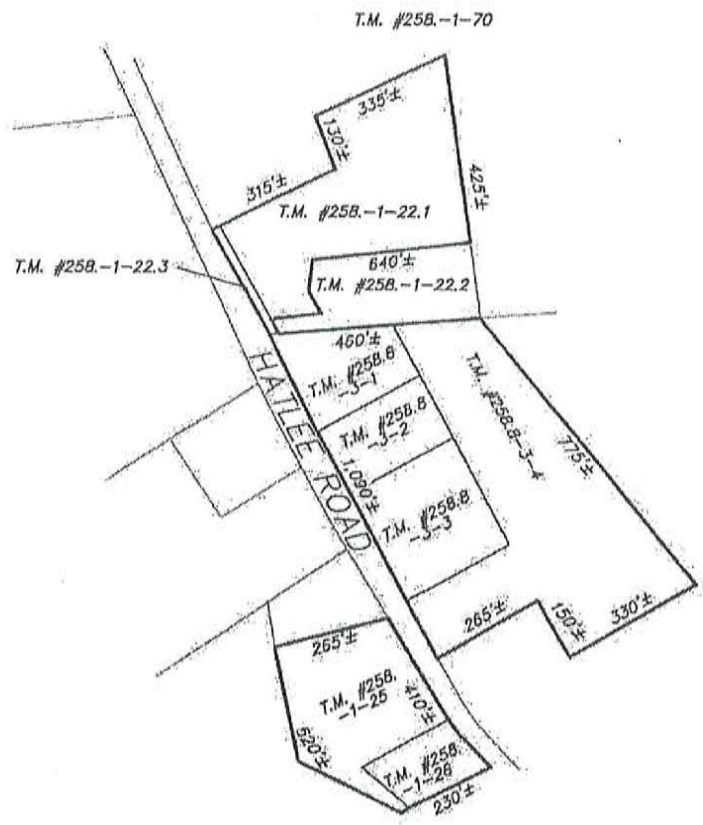
Beginning at the point of intersection of the southeasterly line of tax map parcel (TMP) #258.8-3-4 with the easterly line of Hatlee Road, thence from said point of beginning northerly along said easterly line of Hatlee Road 1,090± feet to the point of intersection with the northwesterly line of TMP #258.-1-22.1, thence northeasterly and northerly along said northwesterly and westerly lines of TMP #258.-1-22.1 780± feet to a point, thence southerly along the easterly line of said TMP #258.-1-22.1 425± feet to a point, thence westerly and southerly along the southerly and easterly lines of said TMP #258.-1-22.1 and TMP #258.-1-22.3 640± feet to a point in the northerly line of TMP #258.8-3-1, thence easterly along said northerly line and the northerly line of TMP #258.8-3-4 460± feet to a point in the easterly line of TMP #258.8-3-4, thence southerly along said easterly line 775± feet to a point in the southeasterly line of said TMP #258.8-3-4, thence southwesterly and northwesterly along said TMP #258.8-3-4 745± feet to the point of beginning. Intending to include all of TMP #258.-1-22.1 & 22.3, TMP #258.8-3-1, 2, 3 & 4.

Also, all that certain piece, parcel or tract of land situate in the Town of Clifton Park, County of Saratoga, State of New York, lying along the westerly line of Hatlee Road, being further bounded and described as follows:

Beginning at the point of intersection of the northerly line of TMP #258.-1-25 with the westerly line of Hatlee Road, thence southerly along said westerly line 410± feet to the point of intersection with the southeasterly line of TMP #258.-1-26, thence southwesterly along said southeasterly line and the southeasterly line of TMP #258.-1-25 230± feet to a point, thence northwesterly and northerly along said TMP 258.-1-25 520± feet to the point of intersection with the northerly line of said TMP 258.-1-25, thence easterly along said northerly line 265± feet to the point of beginning. Intending to include all of TMP #258.-1-25 & 26.

Todd Westerveld

PLS 50,319



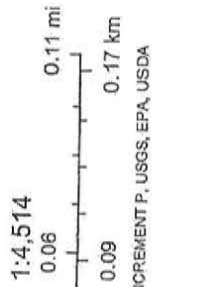
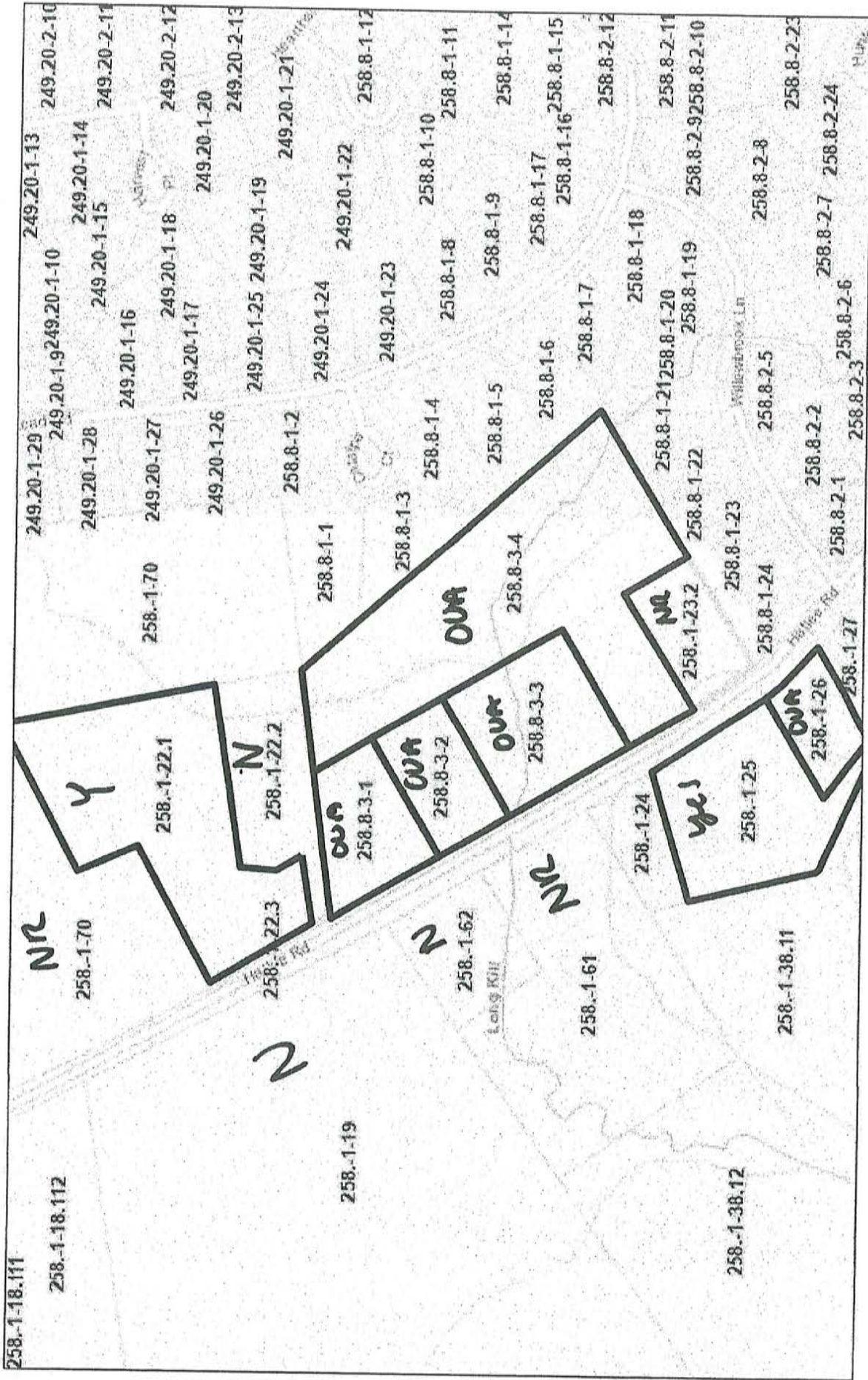
**CLIFTON PARK SEWER
DISTRICT #1 EXTENSION #3
HATLEE ROAD**

TOWN OF CLIFTON PARK	SARATOGA COUNTY, NEW YORK
SCALE: 1" = 400'	DATE: SEPTEMBER 1, 2022
TELEPHONE NO.: (518) 983-0634	MAP NO.: 22 - 08 - 9ISEW

Gilbert VanGuilder
Land Surveyor, PLLC
 Professional Land Surveyors
 988 Route 146, Clifton Park, New York 12065
 gvglandsurveyors.com

EXHIBIT B

CPSD#1EXT3



January 24, 2023

Esri, Canada, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA

EXHIBIT C

July 10, 2019

Mr. Mike O'Brien
Collection Systems Manager
Town of Clifton Park Sewer Dept.
One Town Hall Plaza
Clifton Park, NY 12065

RE: **Hatlee Road Subdivision Sewer Extension
Sanitary Sewer Dedication, Inventory Letter
Clifton Park (T), Saratoga County**

Dear Mr. O'Brien:

It is the intent of the owner of the Hatlee Road Subdivision to dedicate the newly construction sanitary sewer system serving the 4-lot subdivision. This letter serves as an inventory of the sewer system that is to be offered for dedication.

The constructed sewer extends from the existing sanitary manhole located at the intersection of Willowbrook Lane and Hatlee Road toward the northwest approximately 1,080 feet to the newly constructed Forcemain Manhole 1 (End of Line Cleanout).

The infrastructure offered for dedication includes approximately 1,080 linear feet of 2" DR 11 forcemain and 2 forcemain manholes.

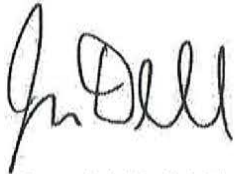
The sanitary sewer was installed during June and July of 2018 and was inspected under the Saratoga County Sewer District's QA/QC procedures. The construction of the sewer was inspected and certified by SMV Engineering, PLLC. SMV Engineering also provided an "As-Built" plan along with the certification. The certification and "As-Built" are attached to this letter.

The estimated installation value of the pressure sewer system is approximately \$35,000.00 (contractor provided cost).

If additional information is required, please contact our office at your earliest convenience. Thank you.

Sincerely,

LANSING ENGINEERING, PC



Jason M. Dell, PE, CPESC, CPSWQ

CC:

HATLEE ROAD SUBDIVISION-TOWN OF CLIFTON PARK

SMV Engineering, PLLC certifies to Saratoga County Sewer District No. 1 that the sanitary sewer facilities described in the approved drawing, specifications and addenda thereto have been constructed and installed in accordance with these documents and in conformance with the standards of Saratoga County Sewer District No. 1, and the facilities meet the infiltration/exfiltration and hydrostatic tests and requirements set by accepted industry standards and applicable ASTM Specifications.

SMV ENGINEERING, PLLC

BY: Stephanie Vetter
Stephanie M. Vetter, PE



STATE OF NEW YORK)
COUNTY OF SARATOGA)

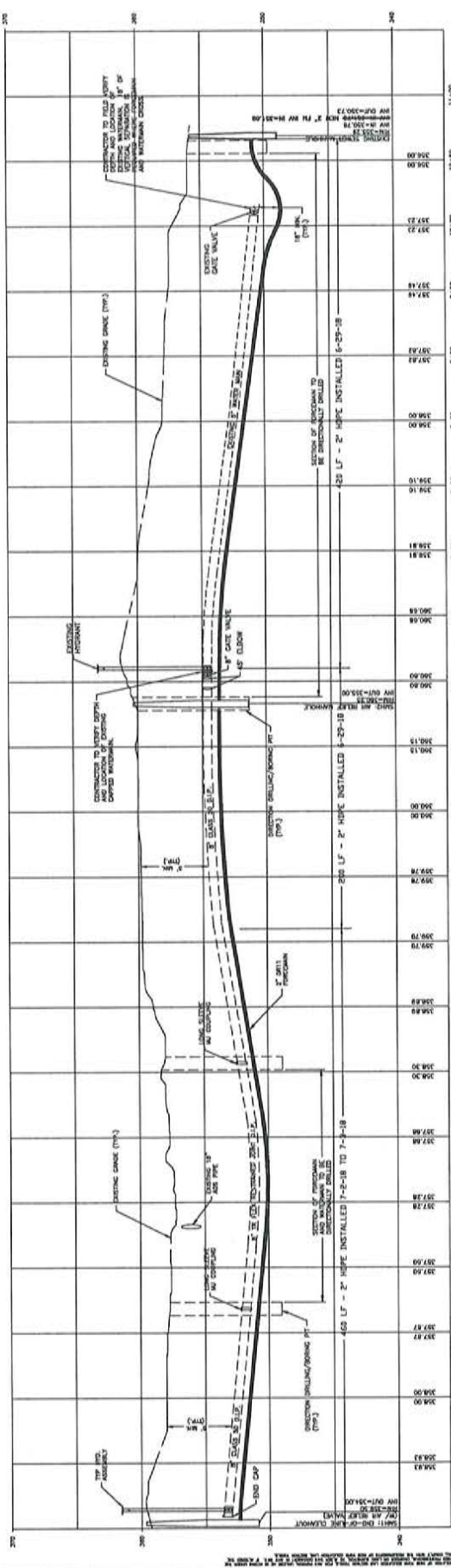
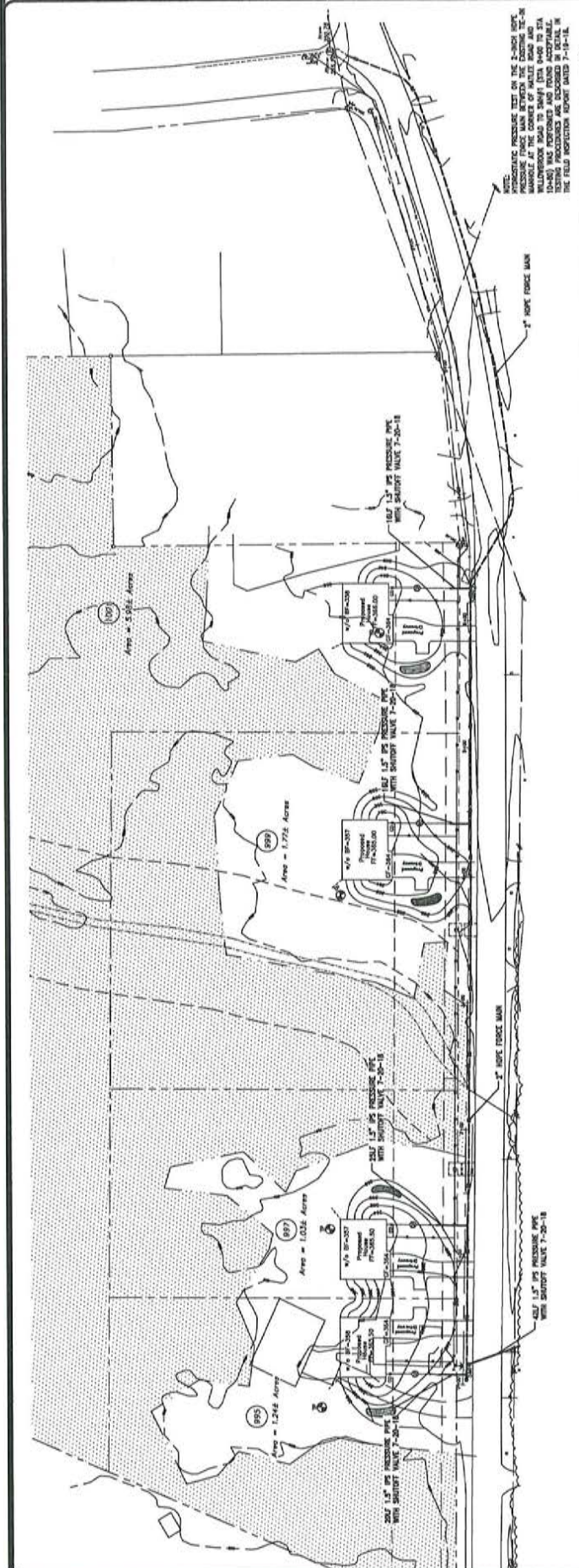
Sworn and subscribed to before me this 24 day of October, 2018

Lisa Doyle
Notary Public

LISA DOYLE
NOTARY PUBLIC
STATE OF NEW YORK
WASHINGTON COUNTY
Reg. No. 01DO6170204
COMM. EXP. 07/02/2019



DATE:	4/18/18
DRAWN BY:	SMV
SCALE:	1" = 40'
PROJECT NO.:	SMV
FILE:	



DATE: 4/18/18
DRAWN BY: SMV
SCALE: 1" = 40'
PROJECT NO.: SMV
FILE:

AS BUILT

HYDRAULIC PRESSURE ON THE 24\"/>

THIS PLAN AND PROFILE WAS PREPARED BY THE ENGINEER AND THE SURVEYOR AND IS BASED ON THE FIELD SURVEY AND THE FIELD MEASUREMENTS AND RECORDS OF THE PROJECT. THE ENGINEER AND SURVEYOR ARE NOT RESPONSIBLE FOR THE ACCURACY OF THE DATA PROVIDED BY THE CLIENT OR THE FIELD MEASUREMENTS AND RECORDS OF THE PROJECT.

**SANITARY SEWER REPORT/
SANITARY SEWER DISTRICT EXTENSION**

CLIFTON PARK SEWER DISTRICT #1

989 HATLEE ROAD RESIDENTIAL SUBDIVISION

SEPTEMBER 1, 2022

Prepared For:

Prediletto Electric
36 Beechwood Drive
Clifton Park, NY 12065

Prepared By:



2452 State Route 9, Suite 301
Malta, New York 12020

Table of Contents

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III. ALTERNATIVE SELECTION..... 1
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V. ENGINEERING CRITERIA..... 1
VI. EXISTING SANITARY SEWER CONVEYANCE SYSTEM..... 2
VII. ENVIRONMENTAL REVIEW 2
VIII. SUMMARY 3

Appendices

Appendix A: Maps

- Site Location Map
- Sanitary Sewer Proposed Network

Appendix B: Hydraulic Capacity Calculations

- Wastewater Flow Contributors
- Wastewater System Configuration
- Wastewater System Capacity Design
- Inflow & Infiltration

Appendix C: Pressure Sewer Preliminary Cost and Design Analysis

Appendix D: Legal Description of Sewer District Extension

I. PROJECT DESCRIPTION

The proposed sewer installation and improvements discussed in this report will provide public sewer service to future residents of the 989 Hatlee Road Residential Subdivision and are proposed to be owned and maintained by the Town of Clifton Park. The sewer extension will provide service to two (2) new single family unit homes and one (1) existing single family unit home via individual grinder pumps and low pressure forcemain sewer.

II. SITE DESCRIPTION

The 989 Hatlee Road Residential Subdivision is situated on one parcel having a total area of approximately 4.06 acres and a tax map number of 258-1-22.1. The project parcel is located on the eastern side of Hatlee Road, approximately 1,400 feet north of the intersection of Hatlee Road and Willowbrook Lane, in the Town of Clifton Park, Saratoga County, New York. The applicant is proposing to subdivide the parcel for the construction of two (2) single family homes.

Soils consist of a mix of predominately loamy fine sand. The Soil Survey of Saratoga County, New York prepared by the National Resources Conservation Services (NRCS) indicates the site is predominately one distinct soil unit. This unit consists of Oakville Loamy Fine Sand (OaB). The majority of the site is well drained. The site topography ranges from nearly level to rolling with slopes ranging from 0 to 25 percent.

Access to the project will be provided by two (2) new driveways connecting to Hatlee Road, and the existing home's driveway will continue to be utilized. Construction of the project will progress in two phases, with the construction of the utility extensions first, followed by the construction of the single family homes second. The property will be cleared to allow for construction and installation of all necessary utilities. Following the general infrastructure installation, construction will then begin on the individual homes.

III. ALTERNATIVE SELECTION

Selection of this alternative is based on engineering analysis of the proposed site. The surrounding sites have been analyzed based on the likelihood of growth that may potentially result in an increased burden on the proposed wastewater system.

IV. ENGINEERING CRITERIA

As outlined in 11.24 of the "Recommended Standards for Wastewater Facilities" published by the Great Lakes – Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers, 2014 Edition, all wastewater conveyance piping has been sized to accommodate the peak hourly flow from the proposed residential subdivision and the potential surrounding area.

Pursuant to the design standards set forth in Chapter 30 of the "Recommended Standards for Wastewater Facilities", the capacity of all sewer conveyance piping shall be designed to accommodate the ultimate tributary population. The sewer piping will be sized to accommodate the design peak hourly flow. All low pressure forcemain sewer piping in the public right-of-way will be 2" in diameter and all service lines will be 1.25".

Due to existing forcemain infrastructure within Hatlee Road, individual grinder pumps will be required for all lots to convey wastewater to the existing forcemain sewer on Hatlee Road.

Individually owned external grinder pumps manufactured by Environment One (E-One) pumps will be used on all lots. Wastewater from the individual grinder pumps will be conveyed by 1.25" service laterals to a new 2" diameter forcemain located in the Hatlee Road right-of-way. The 2" forcemain will ultimately discharge to an existing forcemain manhole for collection on the east side of Hatlee Road. The exterior grinder pump shall be DH071-93 by E-One or equivalent.

A hydraulic analysis was performed by E-One using their model DH071-93 grinder pump and DR-11 forcemain. The forcemain system was broken down into seven "zones" which illustrate the hydraulic characteristics of all sections of the system during the occurrence of maximum contribution of flow into the system. The analysis shows that 1.25" DR-11 service laterals will be installed on the individual lots and utility easements and a 2" DR-11 forcemain will be installed within the public right-of-way. The analysis is included in Appendix C.

For forcemain sewage conveyance, a cleansing velocity of at least 2 feet per second must be maintained. Air and vacuum relief valves must be installed on all force main piping to relieve negative pressures where necessary. In addition, all pipe materials must be of sufficient strength for use as a water main.

All sewage piping shall be installed to minimize damage to the piping and all joints. Trenches shall be dug and pipe shall be laid to minimize any bending. According to 33.82 (b) of the Recommended Standards, rocks, boulders and large stones will be removed to provide minimum clearance of 4 inches on all sides of the pipe.

V. EXISTING SANITARY SEWER CONVEYANCE SYSTEM

An existing 2" sanitary sewer forcemain exists along the east side of Hatlee Road, within the Clifton Park Sewer District #1, and is owned and operated by the Clifton Park Sewer Department. All three (3) lots from the 989 Hatlee Road Residential Subdivision are proposed to be serviced by the existing 2" forcemain via a connection to the existing manhole along the east side of Hatlee Road. The 2" forcemain conveys wastewater south along Hatlee Road before connecting to an 8" gravity sewer owned and maintained by the Clifton Park Sewer District, near Willowbrook Lane.

The peak hour flow from this project of 4.58 gpm represents 3.93% of the maximum capacity of the receiving 2" forcemain. Initial discussions with the Town of Clifton Park have indicated that sufficient capacity existing within the 2" forcemain for the proposed project. Currently, the only known contributors to the forcemain are the four single family units. A wastewater analysis of the existing contributors to the existing 2" forcemain has been performed and is included in Appendix B. Sewage waste is ultimately conveyed and treated at the SCSD #1 treatment plant located in Halfmoon, New York.

VI. ENVIRONMENTAL REVIEW

The sewer network for the proposed development has been carefully designed to minimize any potential impacts associated with wastewater conveyance. All joints and piping will be inspected and tested prior to use using the appropriate ASTM standards to ensure the network will limit infiltration and contamination of surface water bodies as well as ground water. Performing a hydrostatic test will ensure the infiltration

and exfiltration rates do not exceed required limits. Air tests will conform to ASTM C-924 for concrete pipe and ASTM F-1417 for plastic pipe.

According to the "Recommended Standards for Wastewater Facilities", all sewers must be placed at least 10 feet in the horizontal direction from all existing and proposed water mains. A vertical distance of 18" must be maintained between sewer lines and existing or proposed water mains. Pipe joints in both the water and sewer mains will be installed so the water and sewer joints will be "equidistant and as far as possible from the water main joints." (Recommended Standards for Wastewater Facilities pg. 30-11).

VII. FINANCING

The cost of the sewer system includes all piping, manholes, grinder pumps, directional drilling, backfill, and restoration necessary for the construction of the sewer district extension. The total estimated cost for this installation is \$27,848. Please refer to Appendix C for the Project Cost Estimate. All capital costs for all sewer system improvements will be born entirely by the project owner/developer.

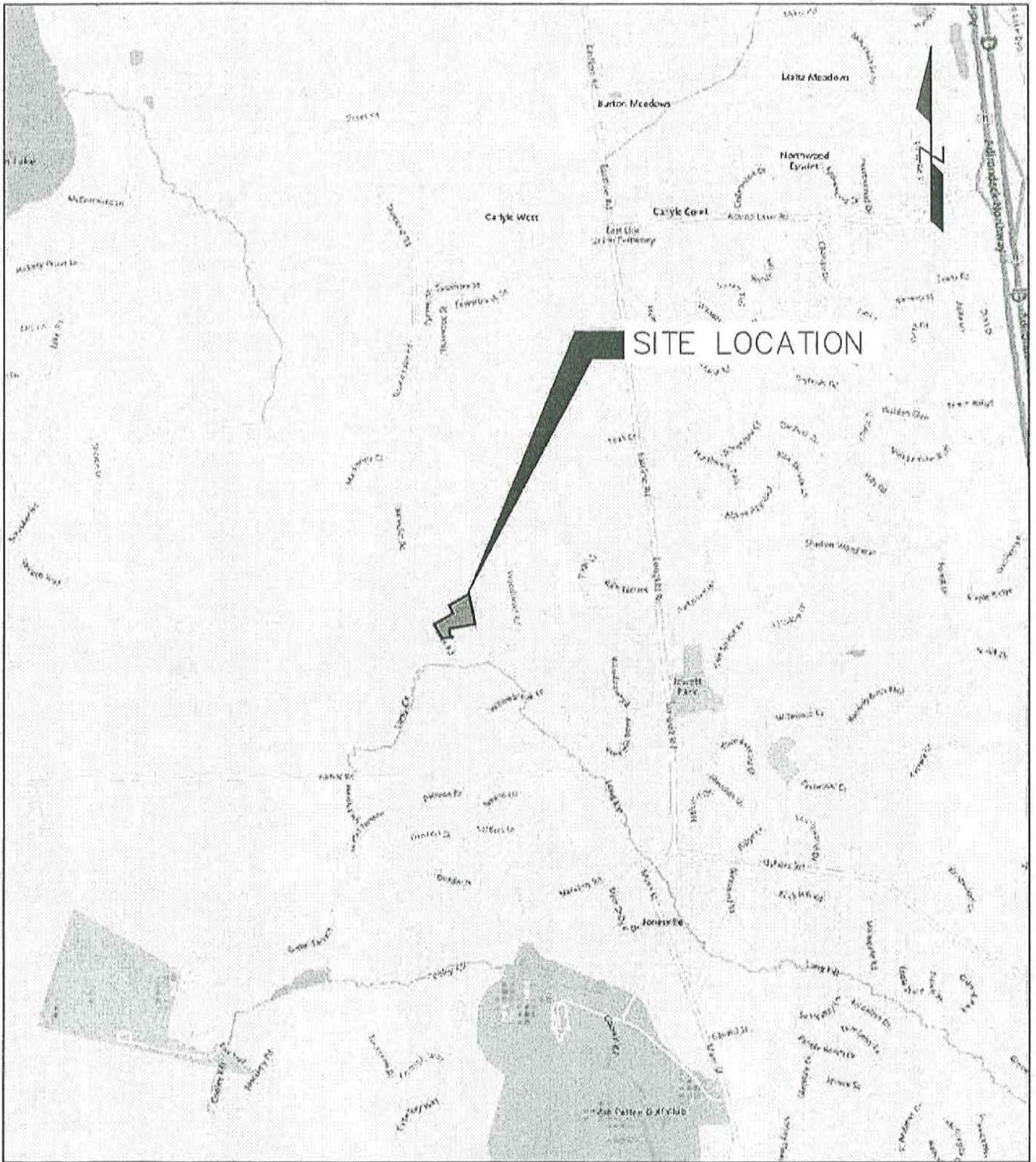
VII. SUMMARY

This sewer report, submitted on behalf of the proposed 989 Hatlee Road Residential Subdivision outlines the expected wastewater contribution anticipated for the proposed subdivision. The calculations illustrated in the text of this report and in the appendices confirm the site conditions are favorable for the addition of sewer lines to service the proposed subdivision. The size and location of the sewer line conforms with the "Recommended Standards for Wastewater Facilities, 2014 Edition", published by the Great Lakes – Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers and all provisions set forth by the New York State Department of Environmental Conservation.

**Appendix A:
Maps**

10
11
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13
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PRELIMINARY / NOT FOR CONSTRUCTION

989 HATLEE ROAD RESIDENTIAL SUBDIVISION
 989 HATLEE ROAD, TOWN OF CLIFTON PARK, SARATOGA COUNTY, NEW YORK

UNAUTHORIZED ALTERATION OR
 ADDITION TO THIS DOCUMENT
 IS A VIOLATION OF THE
 NYS EDUCATION LAW.
 COPYRIGHT LANSING
 ENGINEERING, PC.



LANSING
 ENGINEERING
 2452 STATE ROUTE 9, SUITE 301
 MALTA, NY 12020
 (518) 898-5243

SITE LOCATION MAP

PROJ. NO: 975.00
 SCALE: 1"=2,000'
 DATE: 5/18/22

SL-1
 SHEET 1 OF 1

Appendix B:
Hydraulic Capacity Calculations

Hydraulic Capacity Calculations

Project:	989 Hatlee Road Residential Subdivision
Date:	5/11/2022

Gravity:	No
Forcemain:	Yes

Project Design Average Wastewater Flow							
gpd = Gallons Per Day				Per Capita Flow	100	gpd	
Residential Flow = Units x Residents per Unit x Per Capita Flow				Flow Per Sq Ft	0.08	gpd	
Comercial Flow = Square Feet x Flow per Square Feet				Flow Per Seat	35	gpd	
Restaurant Flow = Number of Seats x Flow Per Seat				Total Population	8		
Project Area	Type	Residents/Unit	Units	Square Feet	Seats	Flow	
1	Residential	2.5	3			750	gpd
2						0	gpd
3						0	gpd
4						0	gpd
5						0	gpd
Total Design Average Daily Wastewater Flow =						750	gpd

Contributing Area Design Average Wastewater Flow							
gpd = Gallons Per Day				Per Capita Flow	100	gpd	
Residential Flow = Units x Residents per Unit x Per Capita Flow				Flow Per Sq Ft	0.1	gpd	
Comercial Flow = Square Feet x Flow per Square Feet				Flow Per Seat	35	gpd	
Restaurant Flow = Number of Seats x Flow Per Seat				Total Population	10		
Contributing Area	Type	Residents/Unit	Units	Square Feet	Seats	Flow	
1	Residential	2.5	4			1,000	gpd
2						0	gpd
3						0	gpd
4						0	gpd
5						0	gpd
Total Design Average Daily Wastewater Flow =						1,000	gpd

Project Wastewater System Capacity Design													
gpm = Galons Per Minute		PHF = Peak Hour Factor											
gpm = gpd / 1,440 (Minutes Per Day)		P = Population in Thousands											
Total Design Average Daily Wastewater Flow =				750	gpd	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Peak Hour Factor</th> </tr> <tr> <td style="text-align: center;">PHF =</td> <td style="text-align: center;">$\frac{(18 + P^{1/2})}{(4 + P^{1/2})}$</td> </tr> <tr> <td style="text-align: center;">PHF =</td> <td style="text-align: center;">4.43</td> </tr> </table>		Peak Hour Factor		PHF =	$\frac{(18 + P^{1/2})}{(4 + P^{1/2})}$	PHF =	4.43
Peak Hour Factor													
PHF =	$\frac{(18 + P^{1/2})}{(4 + P^{1/2})}$												
PHF =	4.43												
Total Design Average Daily Wastewater Flow (gpm) =				0.52	gpm								
Total Population =				8									
Total Population in Thousands (P) =				0.0075									
Cumulative Peak Hour Wastewater Flow													
Cumulative Peak Hour Wastewater Flow = Total Design Average Daily Flow x Peak Hour Factor													
Cumulative Peak Hour Wastewater Flow =				3,323	gpd								
Cumulative Peak Hour Wastewater Flow =				2.31	gpm								

Hydraulic Capacity Calculations

Project + Contributing Area Wastewater System Capacity Design				
gpm = Galons Per Minute		PHF = Peak Hour Factor		
gpm = gpd / 1,440 (Minutes Per Day)		P = Population in Thousands		
		Peak Hour Factor		
Total Design Average Daily Wastewater Flow =	1,750	gpd	PHF = $\frac{(18 + P^{1/2})}{(4 + P^{1/2})}$	
Total Design Average Daily Wastewater Flow (gpm) =	1.22	gpm		
Total Population =	17.5		PHF = 4.39	
Total Population in Thousands (P) =	0.0175			
Cumulative Peak Hour Wastewater Flow				
Cumulative Peak Hour Wastewater Flow = Total Design Average Daily Flow x Peak Hour Factor				
Cumulative Peak Hour Wastewater Flow =	7,683	gpd		
Cumulative Peak Hour Wastewater Flow =	5.34	gpm		

Gravity Pipe not Proposed				
Based on Mannings Equation $Q_f = (k/n)AR^{2/3}S^{1/2}$				
Trial Pipe Size =	8	in		
Mannings Number (n) =	0.013		Provided	Required
Slope (S) =	0.005	ft/ft	384.50	> 5.34
k =	1.49			
Flow Area (A) =	0.349	sf		
Hydraulic Radius (R) =	0.167	ft		
Full Velocity =	2.45	fps		
Full Capacity (Q_f) =	0.86	cfs		
Full Capacity =	384.50	gpm		

Forcemain Pipe Size Required				
Based on Mannings Equation $Q_f = (k/n)AR^{2/3}S^{1/2}$ and 2fps Cleansing Velocity				
Trial Pipe Size =	2	in		
k =	1.49		Provided	Min Required
Flow Area (A) =	0.022	sf	19.58	> 5.34
Full Velocity (min) =	2.00	fps	Provided	Max Required
Full Velocity (max) =	6.00	fps	58.75	> 5.34
Full Capacity (Q_{fmin}) =	0.04	cfs	Adjust Pipe Size	
Full Capacity (Q_{fmax}) =	0.13	cfs		
Full Capacity (min) =	19.58	gpm		
Full Capacity (max) =	58.75	gpm		

Hydraulic Capacity Calculations

Inflow & Infiltration (Gravity Sewer)					
Pipe Excess Capacity = Full Design Capacity - Calculated Design Flow					
Full Design Capacity =	384.50	gpm			
Calculated Design Flow =	5.34	gpm	Provided	Required	
Excess Capacity =	379.17	gpm	379.17	>	0.13
	546002	gpd	OK		
	98.61	%			
Length of Pipe for Local Network =	2516	LF			
	0.48	Miles			
Maximum Allowable Infiltration =	50	Gallons/inch of Pipe Diameter/Mile/ Day)			
	0.13	gpm			

Appendix C:
Environment One Corporation
Pressure Sewer Preliminary Cost and Design Analysis

10/1/2010

10/1/2010

Environment One Corporation
10/1/2010

989 HATLEE ROAD RESIDENTIAL SUBDIVISION

SANITARY SEWER EXTENSION COST ESTIMATE

CATEGORY	ITEM	QUANTITY	UNITS	UNIT COST	ITEM COST
2" Diameter Off-Site Forcemain					
<i>Structures</i>					
	Air Release Manhole	1	EA	\$ 10,000	\$ 10,000
<i>Pipe Network</i>					
	2" DR11 HDPE/Fittings/Valves/etc.	460	LF	\$ 6.25	\$ 2,875
<i>Traffic Protection</i>					
	Work Zone Traffic Control & Shoulder Closure	3	DAY	\$ 675	\$ 2,025
<i>Miscellaneous</i>					
	Mobilization & Setup	1	LS	\$ 5,000	\$ 5,000
	Construction Stakeout	2.0%	LS	\$ 14,900	\$ 298
Total Cost					\$ 20,198

Item costs were determined by referencing the "RS Means Site Work and Landscape Cost Data", "RS Means Heavy Construction Cost Data", the New York State Department of Transportation weighted average bid price program, as well as similar projects, professional experience, and contractor quotes.



Environment One Corporation

**Pressure Sewer Preliminary
Cost and Design Analysis**

For

Hatlee Rd, NY

Rev2

Prepared For:

Lansing Engineering

2452 State Route 9, Suite 301

Malta

NY

12020

USA

Tel: 518-899-5243

Fax: 518-899-5245

Prepared By: M. Crowley

May 20, 2022

Hatlee Rd, NY
Rev2

Prepared by : M. Crowley

On: May 20, 2022

Notes :

Analysis based upon drawings and data provided. Station recommendations are preliminary.

GPD values impact retention times only, not line sizing or hydraulics. GP laterals to be 1.25".

Analysis valid only with pipe type listed.

General recommendations for valve placement are: clean out valves at intervals of approximately 1,000 ft and at branch ends and junctions; isolation valves at branch junctions; and air release valves at changes in grade of 20 to 25 ft or more and/or at intervals of 2,000 to 2,500 ft. Lateral kits comprised of a ball and check valve are required to be installed between the pump discharge and street main on all installations. Laterals should be located as close to the public right of way as possible.

Quantities of grinder pumps, pipe, and valves are indicated on the cost page. The model of grinder pump(s) indicated is based upon the initial information provided to us but may not be the most appropriate for the specific location or requirements of the project. Costs of these items and their installation are best obtained from sources in your region. We recommend you contact your local distributor of Environment One products for additional recommendations.

Zones 1-2 - proposed extension.

Zone 3 - existing force main.

<<<< END OF NOTES >>>>

PRELIMINARY PRESSURE SEWER - PIPE SIZING AND BRANCH ANALYSIS

Hatlee Rd, NY

Rev2

May 20, 2022

Prepared By:
M. Crowley

Zone Number	Connects to Zone	Number of Pumps in Zone	Accum Pumps in Zone	Gals/day per Pump	Max Flow Per Pump (gpm)	Max Sim Ops	Max Flow (GPM)	Pipe Size (inches)	Max Velocity (FPS)	Length of Main this Zone	Friction Factor (ft/100 ft)	Friction Loss This Zone	Accum Friction Loss (feet)	Max Main Elevation	Minimum Pump Elevation	Static Head (feet)	Total Dynamic Head (ft)
This spreadsheet was calculated using pipe diameters for: SDR11 HDPE																	
1.00	2.00	3	3	200	11.00	2	22.00	2.00	2.38	257.00	1.19	3.06	35.23	362.00	353.00	9.00	44.23
2.00	3.00	1	4	200	11.00	3	33.00	2.00	3.57	202.00	2.52	5.09	32.17	358.00	358.00	0.00	32.17
3.00	3.00	4	8	200	11.00	3	33.00	2.00	3.57	1,075.00	2.52	27.08	27.08	355.00	352.00	3.00	30.08

PRELIMINARY PRESSURE SEWER - ACCUMULATED RETENTION TIME(HR)

Hatlee Rd, NY

Rev2

May 20, 2022

Prepared By:
M. Crowley

Zone Number	Connects to Zone	Accumulated Total of Pumps this Zone	Pipe Size (inches)	Gallons per 100 lineal feet	Length of Zone	Capacity of Zone	Average Daily Flow	Average Fluid Changes per Day	Average Retention Time (Hr)	Accumulated Retention Time (Hr)
This spreadsheet was calculated using pipe diameters for: SDR11HDPE										
1.00	2.00	3	2.00	15.40	257.00	39.59	600	15.16	1.58	200
2.00	3.00	4	2.00	15.40	202.00	31.11	800	25.71	0.93	5.00
3.00	3.00	8	2.00	15.40	1,075.00	165.58	1,600	9.66	2.48	3.42
									2.48	2.48

**Appendix D:
Legal Description of Sewer District Extension**

Gilbert VanGuilder
Land Surveyor, PLLC
988 Route 146, Clifton Park, NY 12065
383-0634
FAX 371-8437

Members:

Robert A. Wilklow, PLS
Kevin H. Weed, PLS

September 1, 2022

SUGGESTED DESCRIPTION
CLIFTON PARK SEWER
DISTRICT #1 EXTENSION #3
HATLEE ROAD

All that certain piece, parcel or tract of land situate in the Town of Clifton Park, County of Saratoga, State of New York, lying along the easterly line of Hatlee Road, being further bounded and described as follows:

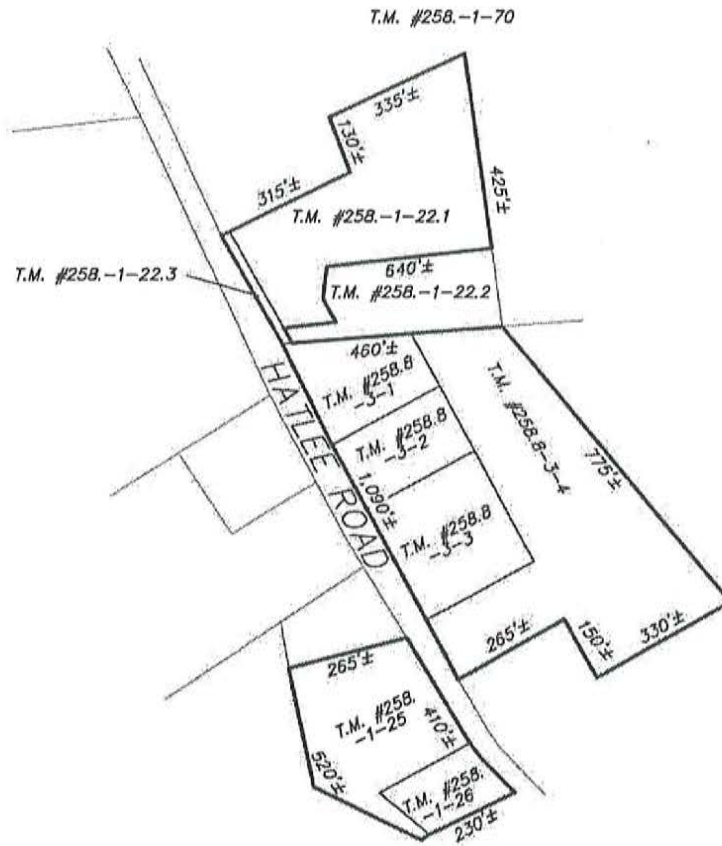
Beginning at the point of intersection of the southeasterly line of tax map parcel (TMP) #258.8-3-4 with the easterly line of Hatlee Road, thence from said point of beginning northerly along said easterly line of Hatlee Road 1,090± feet to the point of intersection with the northwesterly line of TMP #258.-1-22.1, thence northeasterly and northerly along said northwesterly and westerly lines of TMP #258.-1-22.1 780± feet to a point, thence southerly along the easterly line of said TMP #258.-1-22.1 425± feet to a point, thence westerly and southerly along the southerly and easterly lines of said TMP #258.-1-22.1 and TMP #258.-1-22.3 640± feet to a point in the northerly line of TMP #258.8-3-1, thence easterly along said northerly line and the northerly line of TMP #258.8-3-4 460± feet to a point in the easterly line of TMP #258.8-3-4, thence southerly along said easterly line 775± feet to a point in the southeasterly line of said TMP #258.8-3-4, thence southwesterly and northwesterly along said TMP #258.8-3-4 745± feet to the point of beginning. Intending to include all of TMP #258.-1-22.1 & 22.3, TMP #258.8-3-1, 2, 3 & 4.

Also, all that certain piece, parcel or tract of land situate in the Town of Clifton Park, County of Saratoga, State of New York, lying along the westerly line of Hatlee Road, being further bounded and described as follows:

Beginning at the point of intersection of the northerly line of TMP #258.-1-25 with the westerly line of Hatlee Road, thence southerly along said westerly line 410± feet to the point of intersection with the southeasterly line of TMP #258.-1-26, thence southwesterly along said southeasterly line and the southeasterly line of TMP #258.-1-25 230± feet to a point, thence northwesterly and northerly along said TMP 258.-1-25 520± feet to the point of intersection with the northerly line of said TMP 258.-1-25, thence easterly along said northerly line 265± feet to the point of beginning. Intending to include all of TMP #258.-1-25 & 26.

Todd Westerveld

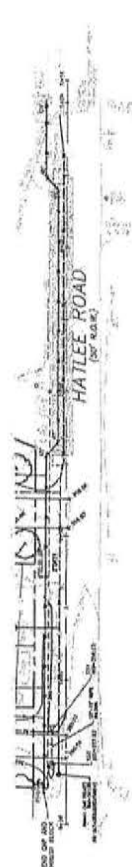
PLS 50,319



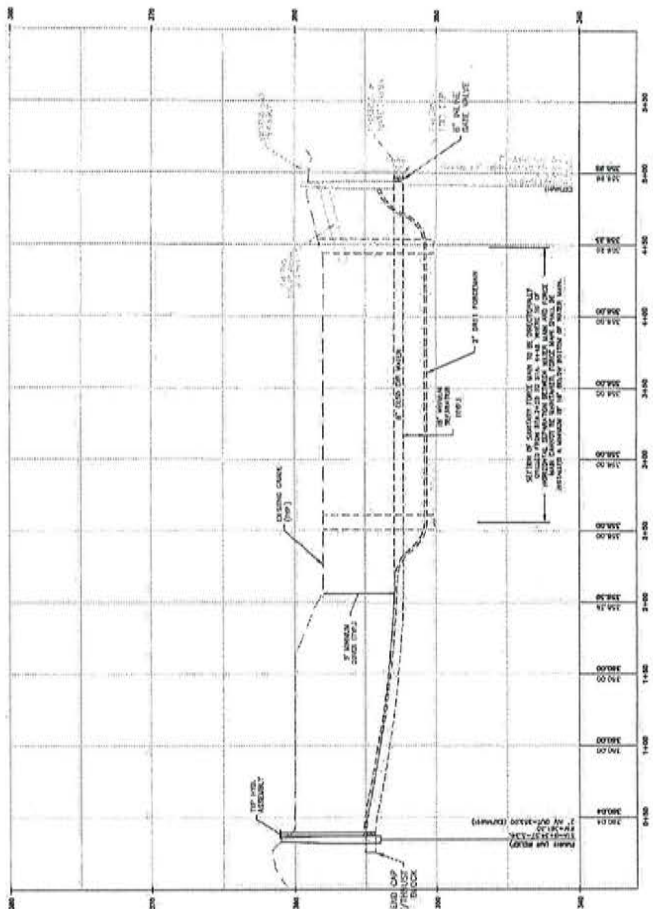
CLIFTON PARK SEWER DISTRICT #1 EXTENSION #3 HATLEE ROAD

TOWN OF CLIFTON PARK	SARATOGA COUNTY, NEW YORK
SCALE: 1" = 400'	DATE: SEPTEMBER 1, 2022
TELEPHONE NO.: (518) 383-0634	MAP NO.: 22 - 08 - 91SEW

Gilbert VanGuilder
Land Surveyor, PLLC
Professional Land Surveyors
988 Route 148, Clifton Park, New York 12065
gvglandsurveyors.com



1 PLAN - WATERMAIN AND FORCEMAIN STA 00+00 TO 5+16



2 PROFILE - WATERMAIN AND FORCEMAIN STA 00+00 TO 5+16



PRELIMINARY / NOT FOR CONSTRUCTION

LANSHING
ENGINEERING

PLAN &
PROFILE

PROJECT NO. 10000
SCALE AS SHOWN
DATE 10/20/21 SHEET 1 OF 13

NOTES:
1. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN FEET AND INCHES.
2. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE PIPE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE PIPE UNLESS OTHERWISE SPECIFIED.
4. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE PIPE UNLESS OTHERWISE SPECIFIED.

SARATOGA COUNTY
SEWER DISTRICT #1
Approved: _____

SARATOGA COUNTY
SEWER DISTRICT #1
Approved: _____

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

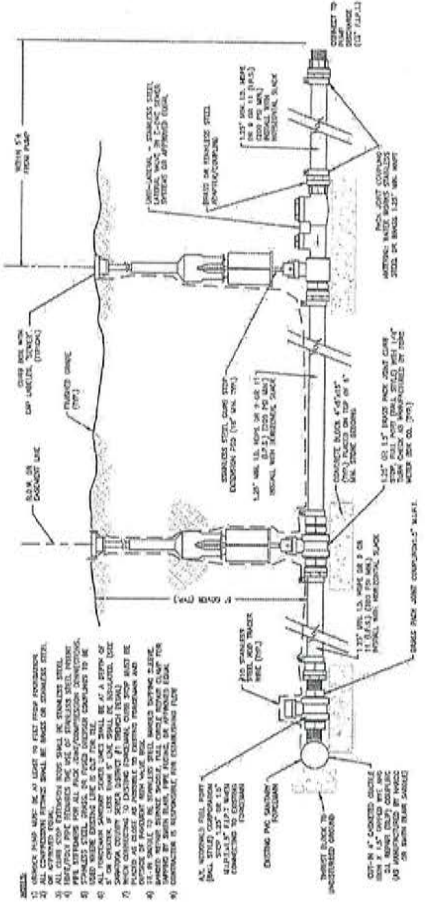
PRELIMINARY / NOT FOR CONSTRUCTION



989 HATLEE ROAD, TOWN OF CLIFTON PARK, SARATOGA COUNTY, NEW YORK

SANITARY SEWER DETAILS
(2 OF 2)

DT-3
SHEET NO. 237-03
SCALE: AS SHOWN
DATE: 10/27/22



1 OUTDOOR GRINDER PUMP TO SANITARY FORCE MAIN CONNECTION
NOT TO SCALE

- 1) ALL WORK SHALL BE IN ACCORD WITH THE LATEST EDITIONS OF THE FOLLOWING:
- 2) ALL CONNECTIONS SHALL BE MADE OF GALVANIZED STEEL.
- 3) ALL JOINTS SHALL BE MADE OF GALVANIZED STEEL.
- 4) ALL JOINTS SHALL BE MADE OF GALVANIZED STEEL.
- 5) ALL JOINTS SHALL BE MADE OF GALVANIZED STEEL.
- 6) ALL JOINTS SHALL BE MADE OF GALVANIZED STEEL.
- 7) ALL JOINTS SHALL BE MADE OF GALVANIZED STEEL.
- 8) ALL JOINTS SHALL BE MADE OF GALVANIZED STEEL.
- 9) ALL JOINTS SHALL BE MADE OF GALVANIZED STEEL.
- 10) ALL JOINTS SHALL BE MADE OF GALVANIZED STEEL.

SARATOGA COUNTY
SEWER DISTRICT #1
Approved: _____

SARATOGA COUNTY
SEWER DISTRICT
Approved: _____

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION