

Subject: Pump House Security System Proposal Revisited
Date: Monday, December 14, 2020 at 4:14:03 PM Mountain Standard Time
From: Bart Smith <interlakenclerk@gmail.com>
To: Justin Hibbard <justinrhibbard@gmail.com>, Interlaken Mayor <interlaken.mayor@gmail.com>, Marge Bowen <margebowen@gmail.com>, susan onan <smonan333@gmail.com>, Chuck O'nan <conan@promontoryclub.com>
CC: Interlaken Water Master <interlaken.watermaster@gmail.com>
Priority: High
Attachments: image001.png

Hi Everyone –

So at the council meeting we discussed having an indoor camera onsite as part of the security system, so we could get a view of what's going on inside the pumphouse. **Option F**, that you all preferred, has no camera.

If we want a camera to record activity and to be able to view inside the pumphouse remotely from a smart phone, and also have all the monitoring we requested (hi-low temp, motion, door lock/unlock), you need either **Option E (alone)** or **Option F AND Option G (together)**. To help clarify, I put together a summary of features and a table below comparing features and costs for these two options. If you **DO NOT** want a camera inside the pumphouse, then let me know, and we can go ahead with **Option F**. I personally think we should have a camera. If we get an alert, we'll want to be able to see what's going inside the pumphouse – an intruder, a fire, water leak, a mouse, something falling off a shelf, etc. Otherwise we'd have to go onsite to investigate.

[Here's a summary of the different options:](#)

Option E Features

Video Monitoring – there is a single camera inside the pumphouse which records to a DVR inside the pumphouse. This is a wireless camera which requires a wi-fi network to send the data to the recorder. If the power goes down and the wifi goes off, there can be no recording. We do have backup power generation (our pumphouse generator) to provide power in case of an outage, but the wifi network is susceptible to outside interference and a malfunction if the router or wifi service goes down. You can also view the camera feed from home or remotely through a smartphone or computer. This requires a 3.5mbps upload speed, which is well within the performance specs that Strawberry has provided us (15-40 mbps). This system does not include a monitor onsite, so you'd have to watch the video from your smartphone while in the pumphouse.

Door Lock/Unlock and Motion Detection – we can remotely unlock the door for an outside party. We can also remotely disarm or arm the system. Once the door is unlocked, the person entering has 30 seconds to enter a code into the control panel if the system is armed. If the code is not entered, an alert is sent to Peak alarm. Peak then notifies the proper authorities (whoever we designate). For example, if we have a vendor who requires entrance to the pumphouse, we would have them call us when they arrive onsite, we would disarm the system and unlock the door. When they finish, they would call us again after leaving, and we would remotely the arm the system. They wouldn't need to know our codes, and we handle it all remotely.

Hi/Low Temp Monitoring - If the temperature is lower or higher than our preset values, the Peak Alarm folks get a signal. Upon receipt, they alert (call or text) the fire department or anyone else we choose to add to the alert list.

Motion Detection Monitoring – if motion is detected, and the system is armed, after a 30 second delay, if the system is NOT disarmed by entering a code, Peak Alarm will be notified, and an alert will be sent to whoever we designate (police, da maya, etc).

We cannot add smoke detection to a system without getting a permit from WFD and going through a more expensive process. We can add other sensors – eg water level detection, gas detection, etc, but not smoke. I'm thinking we might want to monitor CO levels and water levels – with a water level sensor in the two water pump pits. I can get a bid for those as well.

Option F Features

This is the breakout cost for all the features of Option E without a camera or a DVR. That's why it's cheaper. If you combine Option F with Option G you'll get a more robust version of Option E, with a cheaper monthly payment. I don't recommend this option by itself – I think we need a camera inside the pumphouse.

Option G Features

This is the breakout cost for a camera and DVR which are hardwired together. Unlike Option E, this option does not require wifi to actively record video. It is less susceptible to outside interference and does not require working wifi to record. It does require power in case of an outage, but we do have backup power at the pumphouse. This option also includes a monitor in the pumphouse to view the recording (so you don't need to use your smartphone). As with Option E, you can also view video remotely with your smart phone from home or elsewhere with active internet at 3.5 mbps or higher upload speeds.

Here's a summary of system costs:

As you can see below, because of the lower monthly costs for the more robust camera system, **Option F+G**, becomes cheaper over time compared to **Option E**. Since we haven't yet tested the reliability of our new wifi system, I think it would be more prudent to go with the more expensive **Option F + G**. For example, let's say the power goes out, then the generator kicks in to restore power to the camera and recorder. If the wifi doesn't go back on, or there's a delay in the router feed, we won't have a recording from that downtime. I'm also wondering about potential tampering inside the pumphouse. If someone breaks in and disables the wifi intentionally, we won't get a recording. On the other hand, unless protected or hidden, they could destroy the camera or DVR to disable recording.

Larry from Peak Alarm has also told me that we can pay a higher monthly fee if we want to reduce our installation costs. Let me know if you want me to explore that option. Since this security system would be considered part of our water system, as a capital improvement, we could fund this from water reserves if so desired. Just let me know what you think, and how you want me to proceed.

Costs	Option E	Option F	Option F + G
Installation Cost	\$ 998	\$ 548	\$ 2,048
Monthly Service Charge	\$ 58	\$ 43	\$ 43
36 Month Service Charge	\$ 2,088	\$ 1,548	\$ 1,548
Total 36 Month Cost	\$ 3,086	\$ 2,096	\$ 3,596
Total 72 Month Cost (assuming no increase)	\$ 5,174	\$ 3,644	\$ 5,144

Thanks,

Bart Smith
Interlaken Town Clerk
(435) 565-3812

From: "Hibbard: Justin S027 Grp B" <justinhibbard@gmail.com>

Date: Sunday, December 13, 2020 at 9:48 AM

To: Interlaken Mayor <interlaken.mayor@gmail.com>

Cc: "O'Nan: Chuck S181 Grp B" <conan@promontoryclub.com>, Sue Onan <smonan333@gmail.com>, "Bowen: Margaret S175 Grp A" <margebowen@gmail.com>, Bart Smith <interlakenclerk@gmail.com>

Subject: Re: Pump House Security System Proposal

I'm late to the game. I also agree with everyone.

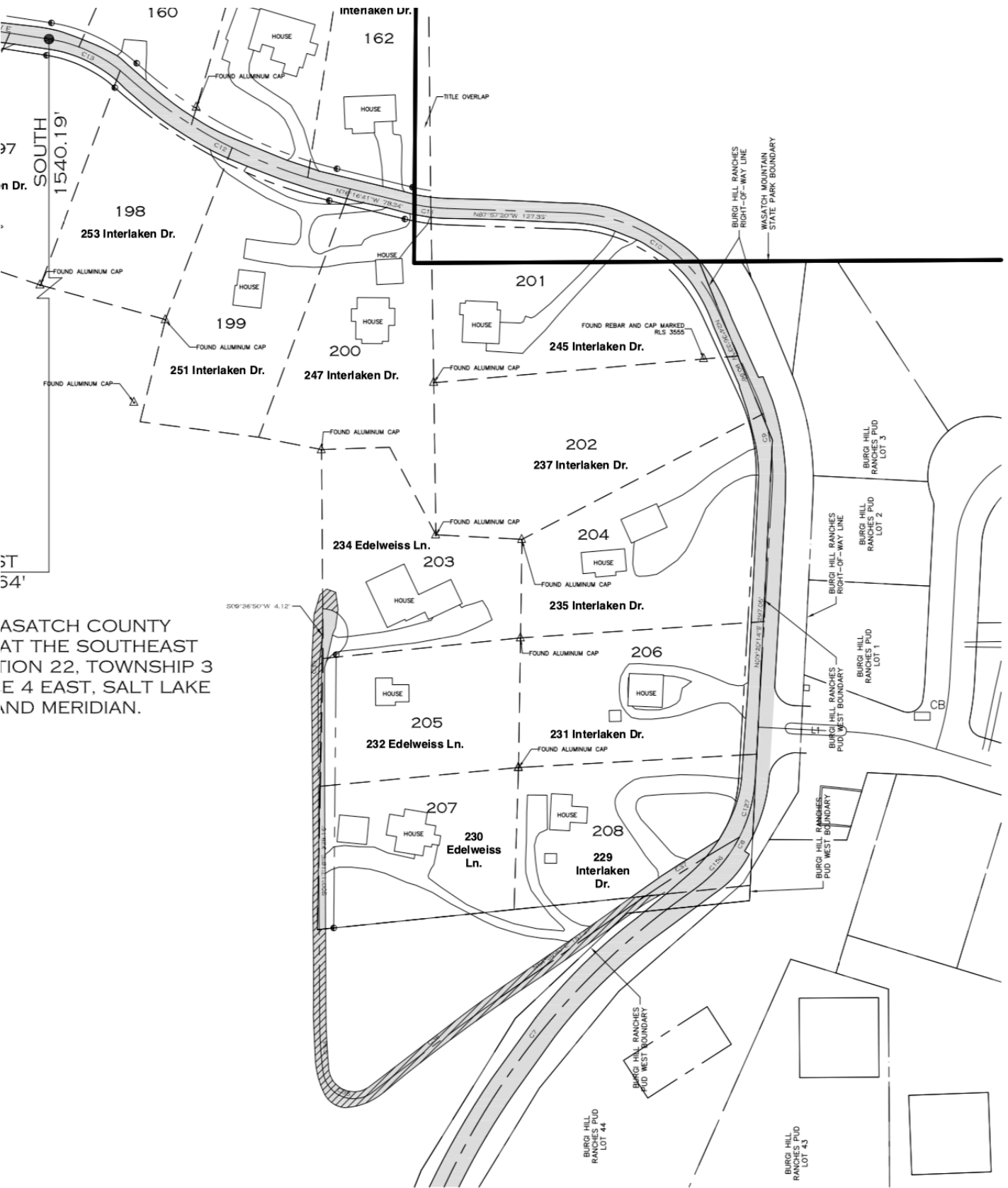
On Fri, Dec 11, 2020 at 10:06 AM Interlaken Mayor <interlaken.mayor@gmail.com> wrote:

F seems to cover what we need, thank you
Greg Harrigan
Mayor
Town of Interlaken

Dumpster Practices and Violations	
Violation	Fine per Occurrence
Dumping by Non-Resident	\$500
Dumping Material Outside Container	\$500
Overfilling Dumpster - Lid Fails to Close	\$500
Dumping of Construction Waste	\$500
Dumping of Yard Waste	\$200
Dumping of Appliances and Furniture	\$200
Dumping oversized items - item with any dimension larger than 3 feet	\$200

Prohibited Material
All Construction Waste
Oversized items - having any dimension exceeding 3 feet
Rocks, Dirt, Tree Limbs, Yard Waste
Concrete, Asphalt
Appliances
Furniture
Matresses
Tires, Wheels
Motor Oil, Paint

Recommended Practices
Please Recycle
Break down cardboard boxes if not recycled - oversized item fine applies to cardboard as well
Do not place items in a full dumpster - lid must be closed when you leave
Pick up any spilled garbage
Compact your garbage when possible



WASATCH COUNTY
 AT THE SOUTHEAST
 CORNER OF SECTION 22, TOWNSHIP 3
 NORTH, RANGE 4 EAST, SALT LAKE
 MERIDIAN.

SOUTH
 1540.19'
 Interlaken Dr.

ST
 54'

BURGI HILL RANCHES
 RIGHT-OF-WAY LINE
 WASATCH MOUNTAIN
 STATE PARK BOUNDARY

BURGI HILL RANCHES PUD
 LOT 3

BURGI HILL RANCHES
 RIGHT-OF-WAY LINE
 BURGI HILL RANCHES PUD
 LOT 2

BURGI HILL RANCHES
 PUD WEST BOUNDARY
 BURGI HILL RANCHES PUD
 LOT 1

BURGI HILL RANCHES
 PUD WEST BOUNDARY

BURGI HILL RANCHES
 PUD WEST BOUNDARY

BURGI HILL RANCHES PUD
 LOT 43

BURGI HILL RANCHES PUD
 LOT 44

160

Interlaken Dr.

162

198

253 Interlaken Dr.

199

251 Interlaken Dr.

200

247 Interlaken Dr.

201

245 Interlaken Dr.

202

237 Interlaken Dr.

204

234 Edelweiss Ln.

203

235 Interlaken Dr.

206

205

232 Edelweiss Ln.

231 Interlaken Dr.

207

230 Edelweiss Ln.

208

229 Interlaken Dr.

50° 36' 50" W 4.12'

TITLE OVERLAP

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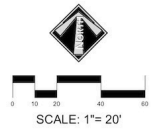
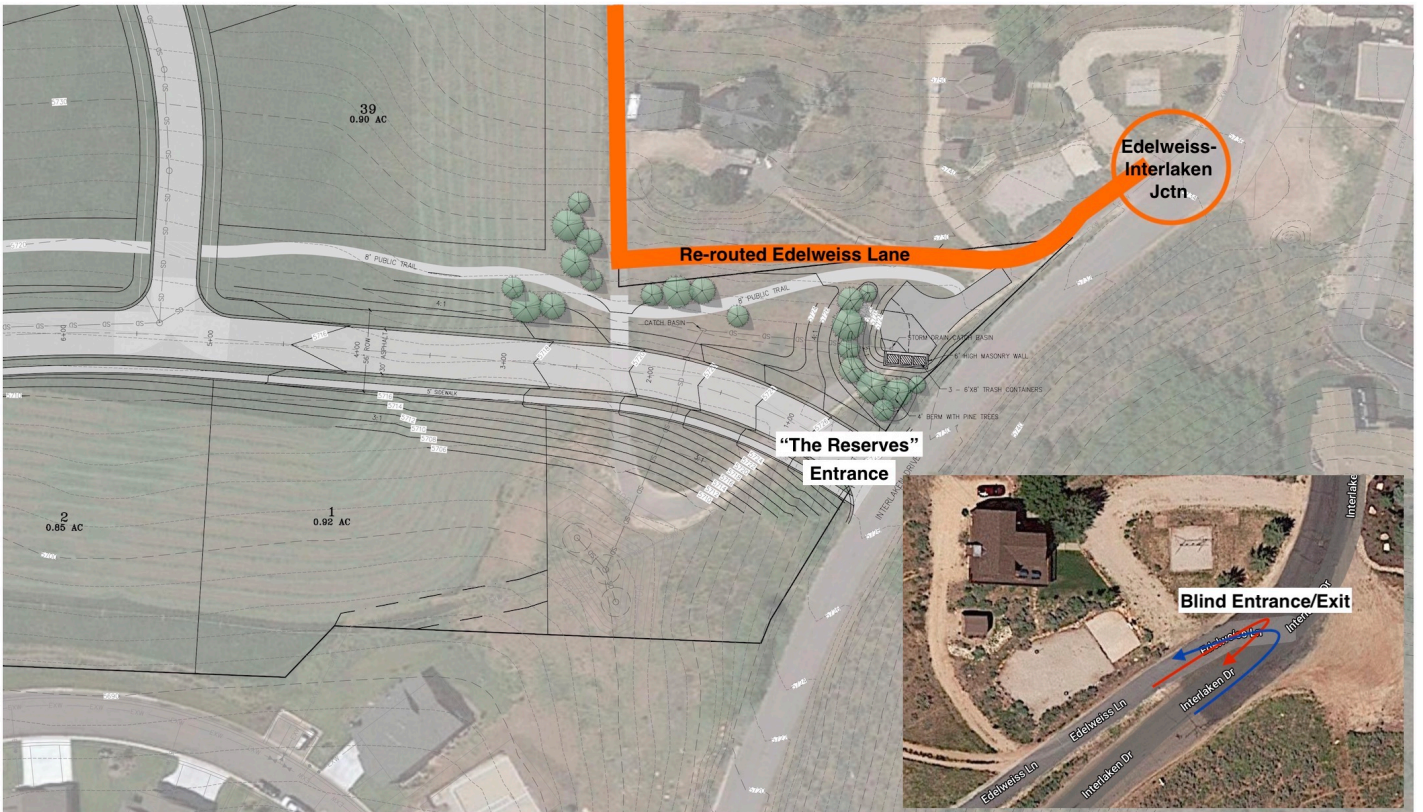
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2559 South 1935 West
 Salt Lake City, UT 84119-2023
 (801) 972-0900 (801) 972-1171 fax
 www.delcowestern.com

Quote #: 519

Date:

Dec 17, 2020

Quoted to: Interlaken Town
 236 Luzern Road
 PO Box 1256
 Midway, UT 84049

Interlaken Town
 236 Luzern Road
 PO Box 1256
 Midway, UT 84049

Qty	Item #	Description	Unit Price	Extension
2		Siemens Mag 5100/6000 Flow meter 3" 150# flange. ~ Installation by others~	2,305.50	4,611.00
1	0-Inbound	Incoming Freight ~ Mission Estimate of trade-up value applied to new purchase upgrade Mydro 850~ \$1257.00		
1		Mission M852 Mydro 850 RTU – Wireless Real-Time Alarm System with Streaming Data.	2,187.00	2,187.00
1		Mission OP465 Expansion Module – Analog Input (4 channel Analog Input Module via RS485)	467.00	467.00
1		Mission SPOP-12 Service Package – Expansion/Option Board – 1 year (One per expansion board purchased)	60.00	60.00
1	0-Inbound	Incoming Freight	25.00	25.00
1		Installation and setup of upgrade. Mydro 850.	1,250.00	1,250.00
90	0000	Mileage	0.70	63.00
	MP	Order taken by Mat Player		

Subtotal: 8,663.00

Sales Tax:

Total: 8.663.00

UNLESS OTHERWISE STATED, IN WRITING, SALES TAXES ARE NOT INCLUDED

This quotation is for listed items only. Accuracy and completeness are not guaranteed.

Prices may be subject to manufacturer price changes and can change without notice.

Subject: Tower update

Date: Monday, January 4, 2021 at 9:44:57 AM Mountain Standard Time

From: Jon Hagen <jhagen@sbfiber.com>

To: Bart Smith <interlakenclerk@gmail.com>, Interlaken Mayor <interlaken.mayor@gmail.com>, Justin Hibbard <justinrhibbard@gmail.com>

CC: Alex Veater <aveater@sbfiber.com>, Mat Murdock <mat.murdock@sbfiber.com>

Hi Guys,

We were notified that the tower equipment has shipped from Chicago today. We expect it to arrive at our office by Tuesday next week. Thanks to COVID for the delays.

Once we have the equipment, we'll get a local metal company to manufacture a bracket to attach the metal to the concrete.

If the stars align and everything goes as planned, we'll erect the tower on the 20th and get the backhaul links up by the 22nd.

After a few days of load testing we'll be ready to start installations on the 27th.



Jon Hagen

Manager, Strawberry Communications

cell: 801-301-3468 | fax: 801-386-9804

Prepared /Updated On: 11/10/20

By: Interlaken Town Planning Commission

Interlaken Town Building Permit & Grading Permit Projects & Status Update

New Town Engineer on Contract – T-O Engineers (Contact Ryan Taylor, P.E., Project Mgr.), 2211 W 3000 S Suite B, Heber, UT 84032, 435-315-3168

Lot #	Project Address/ Owner	Project Type & Project #	Permit Fees & Deposits Paid	Permit Issued	TOWN ENGINEER Project Status Update	Requires Town Clerk Assistance (i.e., Check on Fee & Deposit payments, Outstanding TO/Epic Invoice Status Payment, etc.)?	CO Issued	Comments
112	324 W. Bern Way - Daines Property	New Residence (Epic # 18IKB001)	Yes	Yes		Bart to check to see if any outstanding invoices are due to TO.	YES	Final CO Issued. Holding the Deposit until the Landscaping and Temp. Electric Service Panel and loose wiring is removed. These matters were addressed in October 2020. PC recommends Deposit return.
115	330 W. Bern Way - Howard Property	New Residence (Epic # 16IKB002)	Yes	Yes			No	No Update. Ongoing. Contractors were identified to be improperly staging materials in ROW and not properly containing materials and wastes. PC to continue to monitor. Also they owe Epic for an inspection fee. The CO will be held to ensure the Owner pays this bill.
198	253 Interlaken Dr - H.M. Ball Property	New Residence (Epic # 19IKB003)	Yes	Yes			No	No Update. Initial final inspection complete - during re-final will be requesting building occupancy. 4-way, Insulation, Solar, and Power to Panel inspections have taken place. Awaiting completion to perform final inspection. Construction is Progressing..
129	333 Interlaken Dr. - Chris Wilcox Property.	New Residence (Epic# 19IKB002)	Yes	Yes		Bart to Check if all TO invoices were paid prior to returning portion of deposite.	Yes	No Update Temp CO was issued. Still waiting for one final building code item to be complete. .TEMP CO was issued by TO. Site driveway was paved with asphalt (so deposite for concrete work will no be needed). PC recommends some deposite be retained until final reseeded & planned landscaping is completed in Spring 2021. On 11/9/20 TC recommended repairing the cracked Asphalt in front of an N of the project & deducting cost from Deposit prior to refunding any deposits.
29	308 Interlaken Dr. McNaughton/Beebe	Remodel Project (Epic # 19IKB004)	Yes	Yes	COMPLETED	Verified	Yes (by Epic)	No Update. Has Outstanding \$500 Fee that requires payment. CO Issied on 1/20/2020 by Epic
Lot #	Project Address/ Owner	Project Type & Project #	Permit Fees & Deposits Paid	Permit Issued	Project Status Update	Requires Town Clerk Assistance (i.e., Check on Fee & Deposit payments, Outstanding TO/Epic Invoice Status Payment, etc.)?	CO Issued	Comments
39	275 St. Moritz Rd. - Mason Osborne	Remodel Project (Epic # 19IKB007)	Yes	Yes	Progressing. Epic has performed the following inspections: footings, foundation, SWPP, and Admin.			Completed weather barrier inspection. Slowly progressing. Roof nailing and shear wall inspection complete and approved. Project progresing slowly.
172	355 Bern Way - Ekstrom Project	New Landscaping & Retaining Wall Project	Yes	Yes	Site Disturbance Permit Issued	All Fees & Deposits were paid by the Owner for this project.	N/A	Project only requires a Site disturbance Permit. Proposed Poured Concrete Retaining Walls will require inspection by TO Engineers. Note: No CO is required for Landscaping projects). Customer request a Permit #
65	315 Jungfrau Rd. - John Barton	Deck Extension & Carport Project (Epic# 19IKB009)	Yes	Yes		Bart to issue a Permit # to Customer.		No Update. Footing inspections complete for most of building. Carport only partially complete. Ongoing. Project owner appears to be self-performing most of the work.
111	257 Matterhorn Cir.- Kevin Parsons	New Residence (Project # to be issued by TO Engineers)	Yes	NO				Temp power inspection complete - construction progressing. Footings, foundation and sub-rough plumbing inspections complete and approved. Concrete washout spillage removal from town road ROW, repair of damaged pavement near sewer lateral line connection, relocation of Jiffy John off ROW and provision of a Construction Dumpster issues were all addressed by contractor.
23	295 Jungfrau Hill Rd - Bill Vermazen	Renovation Project	Yes	NO	TO and PC submitted plan review commednts to the Owner on 6/22/2020.			4-way inspection complete - nearing completion Sub-rough plumbing inspectio complete. Construction progressing. Footings and foundation approved. Waiting for revised pans submission and Geotechnical Report.
135	417 Interlaken Dr.- Thornock	Renovation Project	No	NO				No update. Waiting for Fees and Plans Submittal.