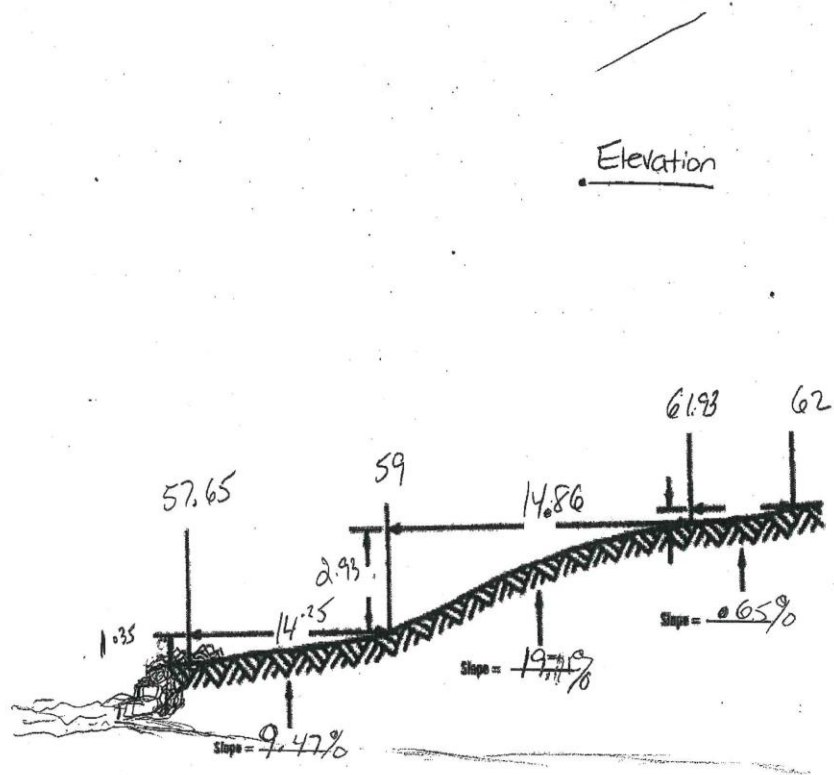


2020-CAS-CW15
Agenda Pg. 14



2020-CAS-CW15

Agenda Pg. 14



- Buffer strip 14 meters

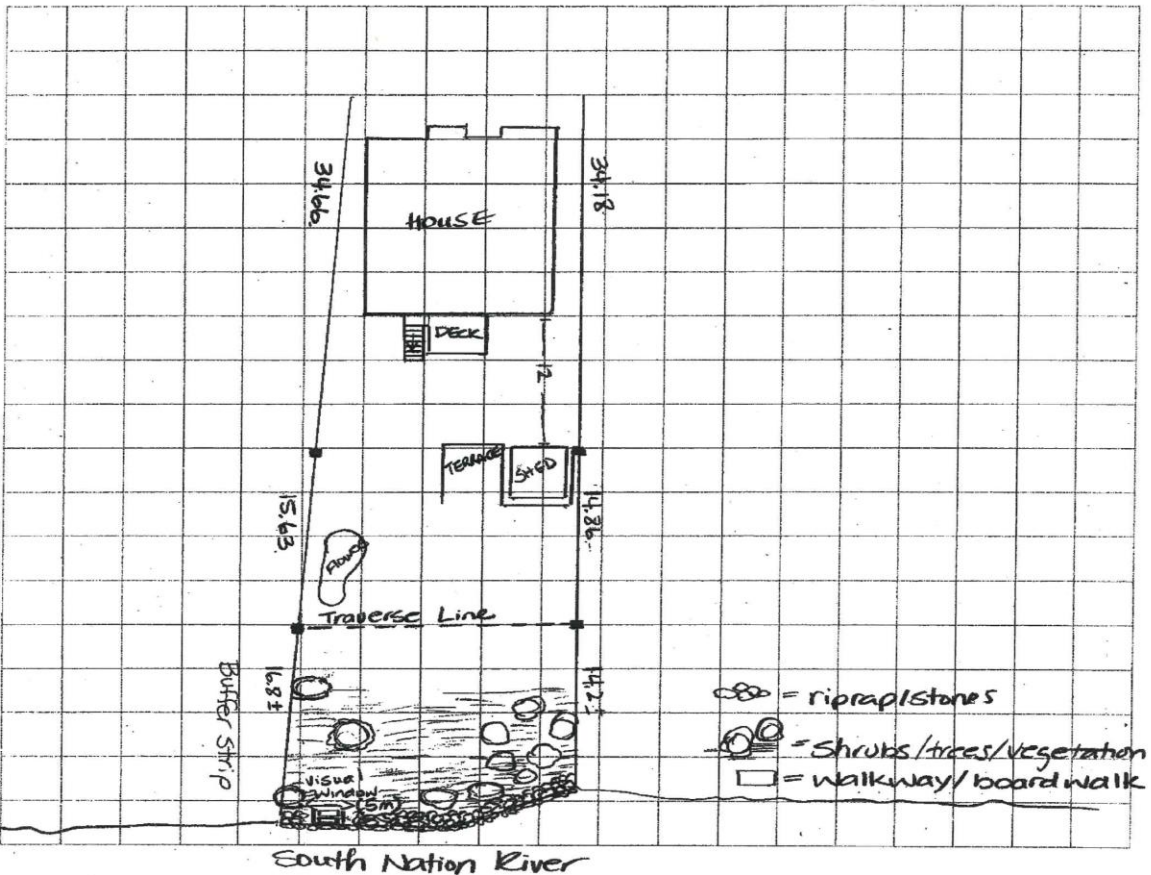
2020-CAS-CW15

Agenda Pg. 14

7. Sketch Sheet

- Please Provide: a) location and name of watercourse(s)
 b) location of existing and proposed project, including distances to watercourses and lot lines
 c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
 d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 41 Concession: _____ Former Township: _____



2020-CAS-CW15

Agenda Pg. 14

2020 Project Rating for Stream Bank Erosion

Project Code: 2020-CAS-CW15

Project Type: Streambank Erosion

Rep: Bene Lalonde

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent	Intermittent	Private or roadside ditch	2	2
2. Evidence of erosion	Severe, active bank erosion	Non-severe, active bank erosion	Potential for bank erosion or upland erosion	3	3
3. Bank slopes	>5%	3% - 5%	<2%	3	3
4. Proposed project – SNC Engineering review	Good solution proposed for site conditions	Fair solution proposed for site conditions	Poor solution proposed for site conditions	5	4
5. Subwatershed health score and priority subwatershed/ watercourse	Poor	Fair	Good	6	4
6. Reps overall score				3	3
Sub Total Score				22	19
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: _____

Other notes: _____

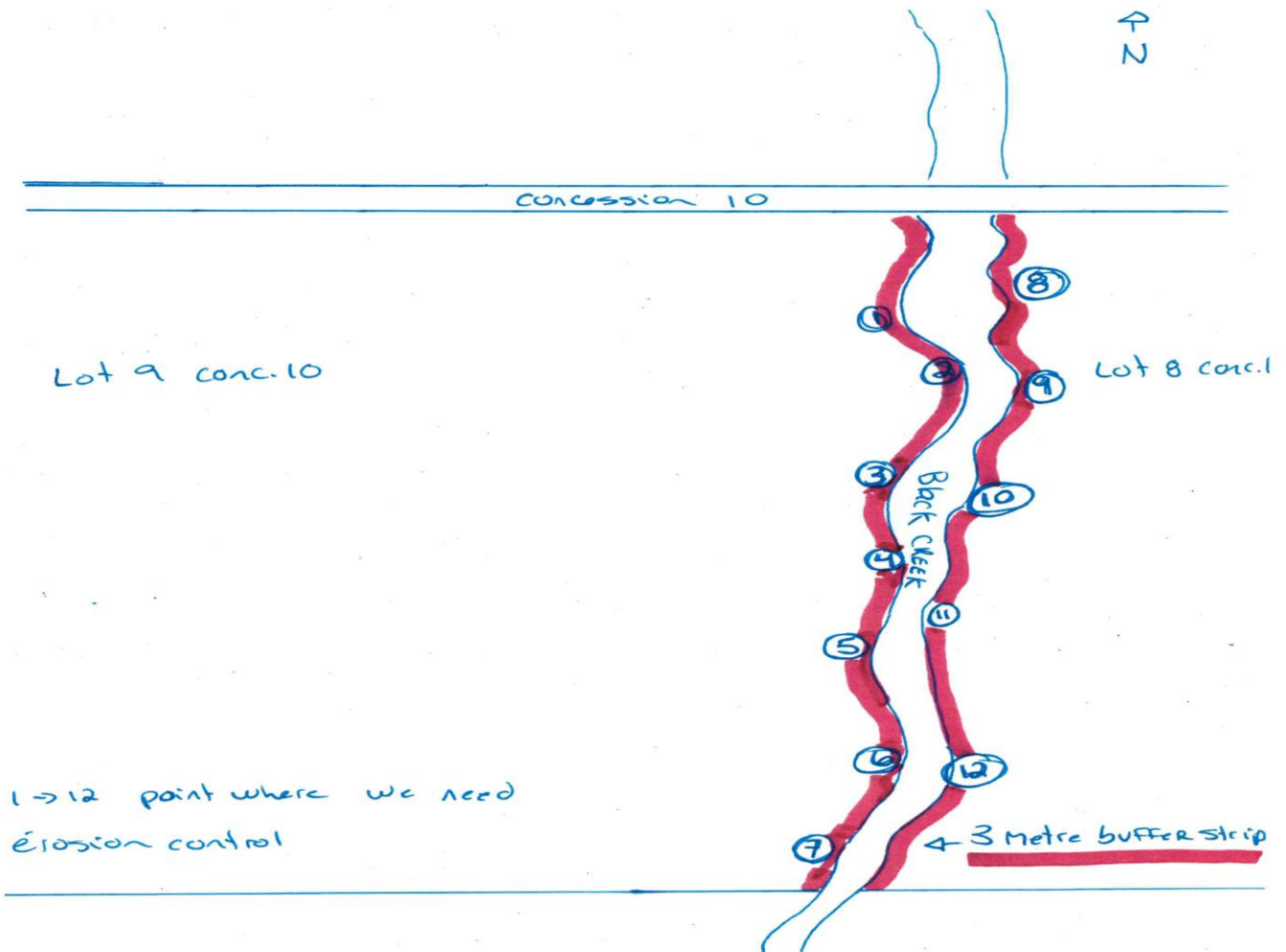
2020-NAT-CW06B

Agenda Pg. 15



2020-NAT-CW06B

Agenda Pg. 15



2020-NAT-CW06B

Agenda Pg. 15

2020 Project Rating for Buffers

Project Code: 2020-NAT-CW06B
 Project Type: Buffer Strip
 Rep: Ardis

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent natural/wetland	Intermittent	Private ditch	2	2
2. Evidence of erosion	Visible	Potential	No evidence	3	3
3. Slope of adjacent land	>5%	3% - 5%	<2%	3	2
4. Width of proposed buffer	>10m	10m - 3m	3m	5	4
5. Subwatershed health score OR priority subwatershed OR in a WHPA A or B or IPZ 1 or 2	Poor OR IPZ 1 OR WHPA A	Fair OR IPZ 2 OR WHPA B	Good	6	4
6. Reps overall score				3	3
Sub Total Score				22	18
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Agricultural
 Other notes: Cash crop farm - soybeans, corn & potatoes - sandy blowing sand soil - farm neighboring Larver Forest

2020-NAT-CW09

Agenda Pg. 16



2020-NAT-CW09

Agenda Pg. 16



2020-NAT-CW09

Agenda Pg. 16

2020 Project Rating for Stream Bank Erosion

Project Code: 2020-NST-CW09

Project Type: Erosion control along watercourse

Rep: Brent Harbers

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	<i>Permanent</i>	<i>Intermittent</i>	<i>Private or roadside ditch</i>	2	2
2. Evidence of erosion	<i>Severe, active bank erosion</i>	<i>Non-severe, active bank erosion</i>	<i>Potential for bank erosion or upland erosion</i>	3	3
3. Bank slopes	<i>>5%</i>	<i>3% - 5%</i>	<i><2%</i>	3	2
4. Proposed project – SNC Engineering review	<i>Good solution proposed for site conditions</i>	<i>Fair solution proposed for site conditions</i>	<i>Poor solution proposed for site conditions</i>	5	5
5. Subwatershed health score and priority subwatershed/ watercourse	<i>Poor</i>	<i>Fair</i>	<i>Good</i>	6	4
6. Reps overall score				3	3
Sub Total Score				22	19
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Agriculture on both banks of this watercourse

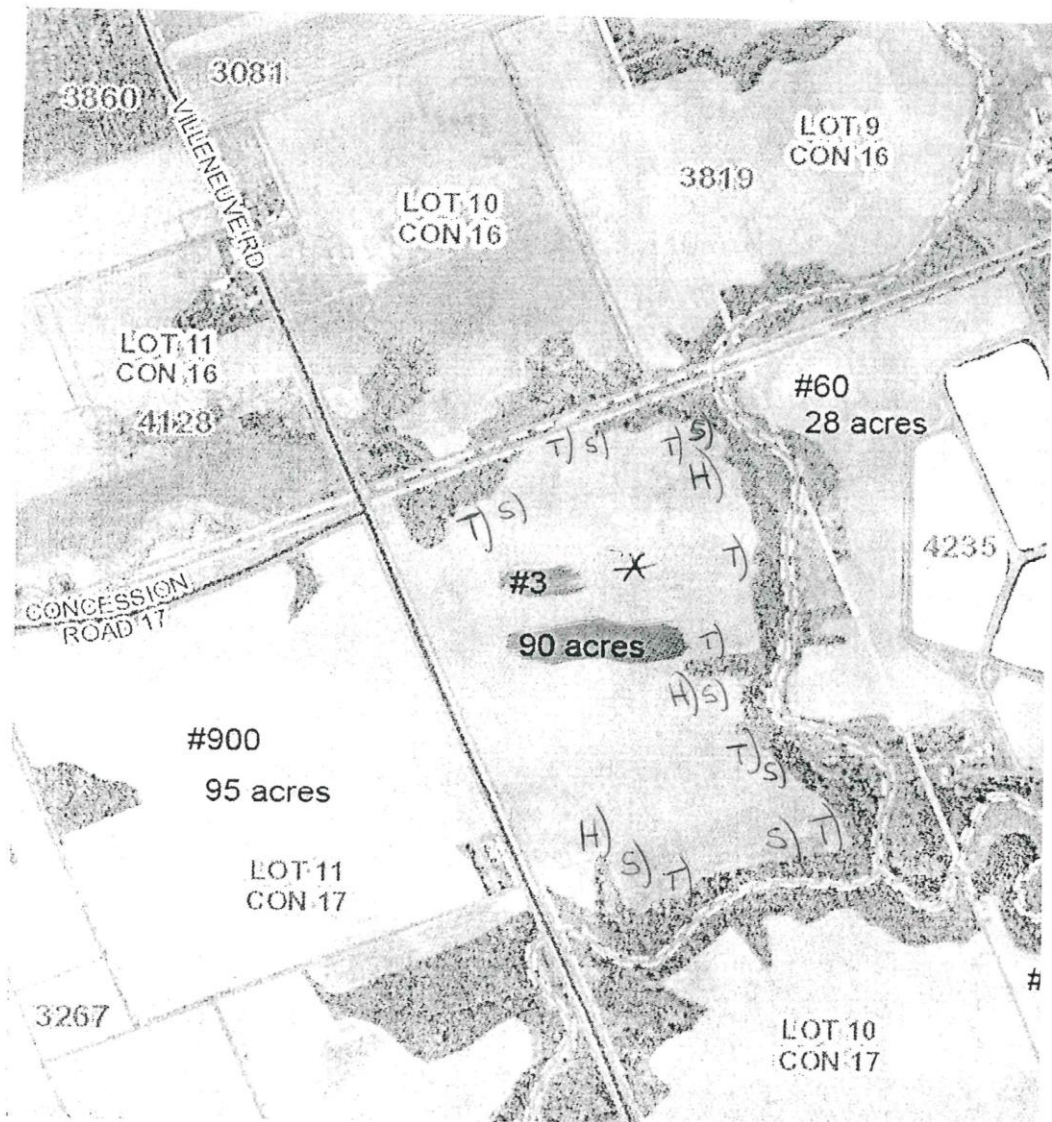
Other notes: At the site, the watercourse is the Payne River Municipal Drain and has municipal drain status. Cropping currently done right up to top-of-bank and identified as leading reason for erosion issues. Erosion at site is extensive and stretches for a long length of the drain up- and down-stream. Significant amounts of sediment entering the drain requiring maintenance, more frequent clean-outs, and costs to landowners and township.

SNC worked alongside drainage superintendent to come up with solution for site that included the establishment of grassed buffers along the drain to stabilize slopes. Potential for further projects to plant shrubs in the future to stabilize the soil. Solution is similar to past projects done by SNC along South Castor River at the Stoodley Farm.

2020-NAT-CW13A & B

Agenda Pg. 18-21

2020-NAT-CW 13A
+ 13B



2020-NAT-13A & B

Agenda Pg. 18-21

H) = Hickenbottom with water control beam

T) = Tile drain control

→ S) = Stone & Geotextile

Code - 2020 13B

C) = 90 Ac Complete Cover-Crop -

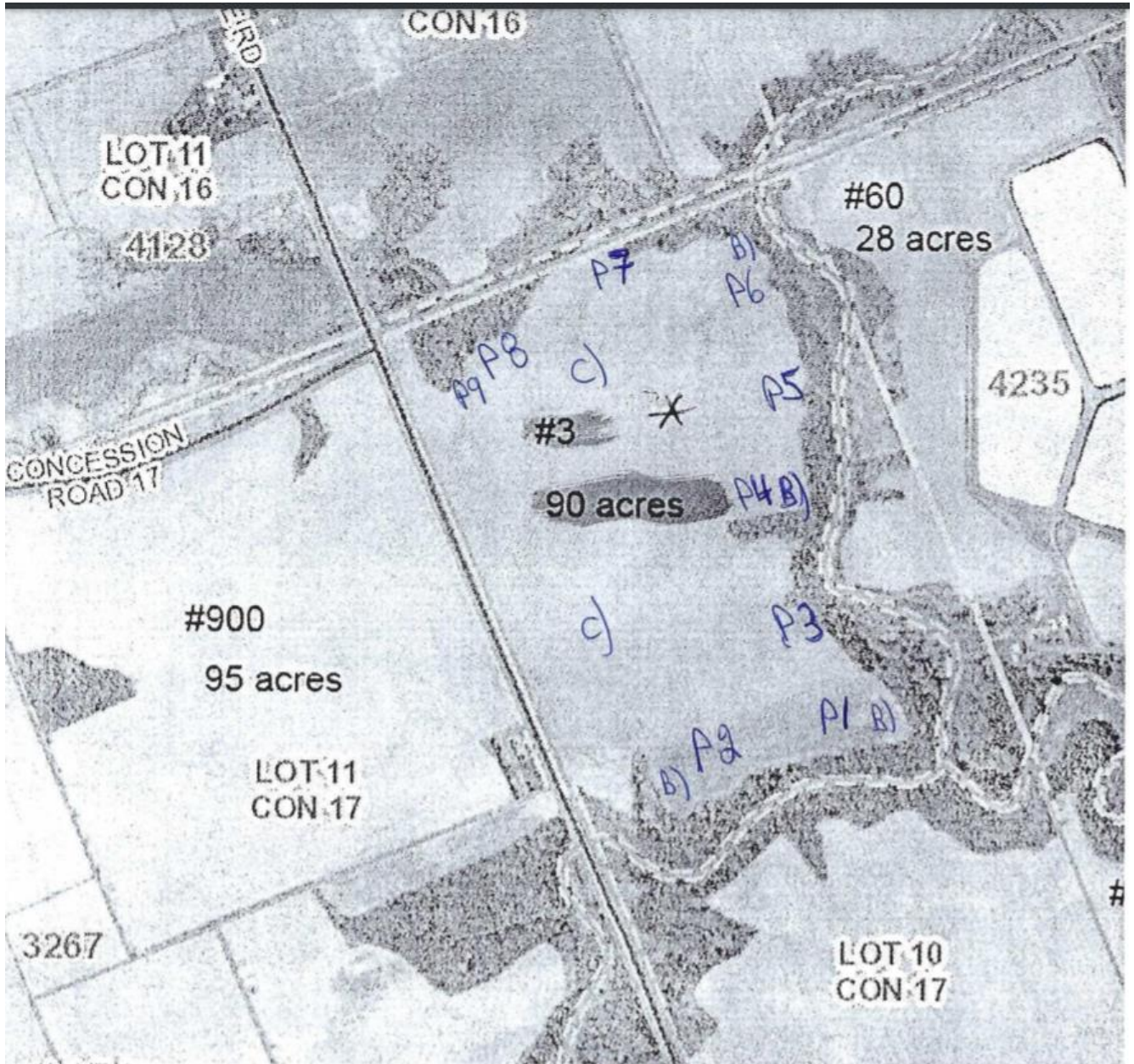
B) = Buffer strip only where there is no tree to retain the land

Code - 2020 13C

→ S) Stone & Geotextile

2020-NAT-CW13C

Agenda Pg. 22-24



2020-NAT-CW13A

Agenda Pg. 18-21

P1 = Photo Severe erosion Problem
SHAPE slope Stone & Geotextile
Tile drain

P2 = moderate slope -
Stone
& Hickenbottom

P3 = SHARPE Slope - Stone - Tile drain
control

P4 = Excavation ~~Re-do~~ move
Tile outlet

P5 = moderate

P6 = Severe Erosion Problem
Geotextile - Stone / Excavation

P7 = long Distance Erosion 100 ft
Geotextile

P8 = moderate - Excavation Stone

P9 = moderate Erosion
75 ft CREVACE

2020-NAT-CW13 A, B & C

Agenda Pg. 18-24

Pic. 1



Pic. 2



Pic. 3



Pic. 4.



2020-NAT-CW13A

Agenda Pg. 18

2020 Project Rating for Control Tile Drainage

Project Code: 2020-NAT-CW13A

Project Type: Control Tile Drain

Rep: Rene Lalonde



Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	<i>Permanent</i>		<i>Intermittent</i>	3	3
2. Extent of proposed project	<i>1 or more fields</i>	<i>Partial field</i>	<i>One structure only</i>	4	4
3. Structure operation	<i>Controlled during growing season and winter months</i>	<i>Controlled during growing season</i>	<i>Partial Control during growing season</i>	3	3
4. Other BMPs employed with CTD structures	<i>2 or more additional BMPs proposed for field (buffers, precision farming, etc.)</i>	<i>1 additional BMPs proposed for field</i>	<i>No additional BMPs proposed</i>	3	3
5. Subwatershed watershed health score and priority subwatershed watercourse or in a WHPA A or B or IPA 1 or 2	<i>Poor or WHPA A or IPZ1</i>	<i>Fair or WHPA B or IPZ 2</i>	<i>Good</i>	6	4
6. Reps overall score				3	3
Sub Total Score				22	20
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: _____

Other notes: _____

2020-NAT-CW13B

Agenda Pg. 19

2020 Project Rating for Cover Crops

Project Code: 2020-NAT-CW13B

Project Type: Cover Crop

Rep: Rene Lalonde

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	<i>Permanent natural/wetland</i>	<i>Intermittent</i>	<i>Private ditch</i>	3	3
2. Type of cover crop	<i>Multi species</i>		<i>Single species</i>	4	4
3. Upland slope	>5%	3% - 5%	<2%	3	2
4. Termination time	<i>Spring</i>	<i>Late Fall</i>	<i>Early Fall</i>	3	3
5. Subwatershed health score OR priority subwatershed OR in a WHPA A or B or IPZ 1 or 2	<i>Poor OR IPZ 1 OR WHPA A</i>	<i>Fair OR IPZ 2 OR WHPA B</i>	<i>Good</i>	6	4
6. Reps overall score				3	3
Sub Total Score				22	19
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: _____

Other notes: _____

2020-NAT-CW13C

Agenda Pg. 22

2020 Project Rating for Stream Bank Erosion

Project Code: 2020-NAT-CW13 C

Project Type: Streambank Erosion

Rep: Rene Lalonde



Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent	Intermittent	Private or roadside ditch	2	2
2. Evidence of erosion	Severe, <u>active bank</u> erosion	Non-severe, active bank erosion	Potential for bank erosion or upland erosion	3	3
3. Bank slopes	>5%	3% - 5%	<2%	3	3
4. Proposed project – SNC Engineering review	Good solution proposed for site conditions	Fair solution proposed for site conditions	Poor solution proposed for site conditions	5	2
5. Subwatershed health score and priority subwatershed watercourse	Poor	Fair	Good	6	4
6. Reps overall score				3	3
Sub Total Score				22	17
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: _____

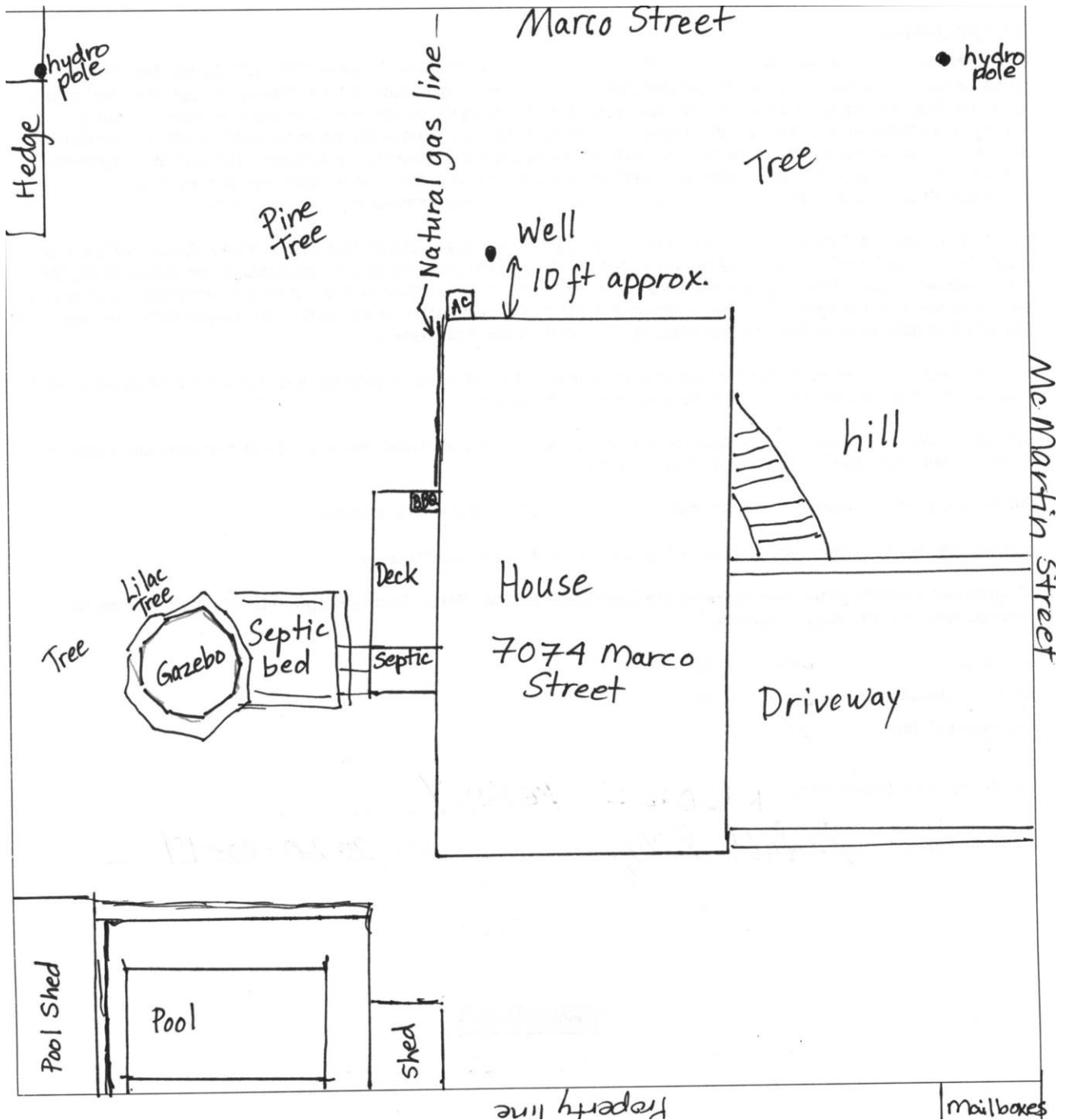
Other notes: Engineering Review is based on what they are doing is to address the erosion from the tile drain but they are not addressing the exposed soils which most likely will continue to erode albeit slower with the proposed remediation.

Ottawa Rural Clean Water Grants

05 20 2306 DDA
Agenda Page. 31



05 20 2306 DDA Agenda Pg. 31



05 20 2307 DDA Agenda Pg. 32



**6 COMPARTMENT
MAP 1:7500**



- boundary
- creek flow
- - - - - trail

**Pt Lot 8, Concession 8
Osgoode Tp, Ottawa City
06 14 700 050 74100 0000**

total area 97.5 acres
treed area 90.5 acres
house & lawn 7 acres
MFTIP area 90.5 acres



**4 PROPERTY
MAP 1:7500**

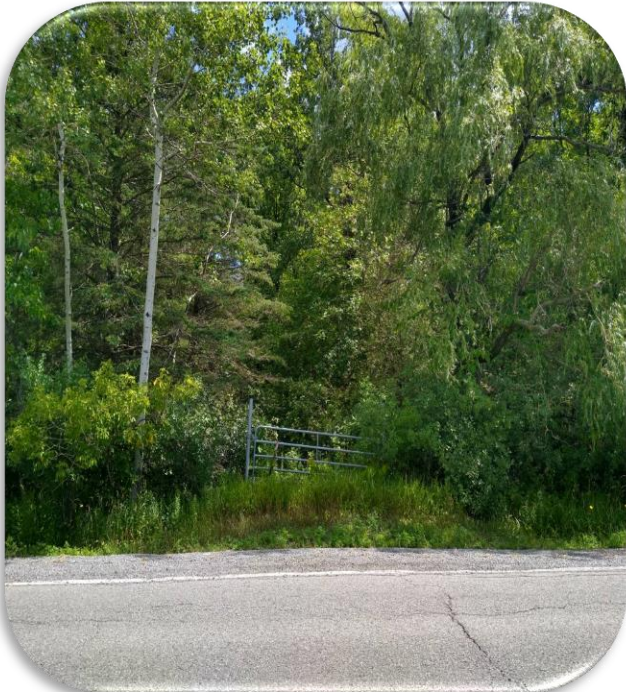


- boundary
- creek flow
- - - - - trail

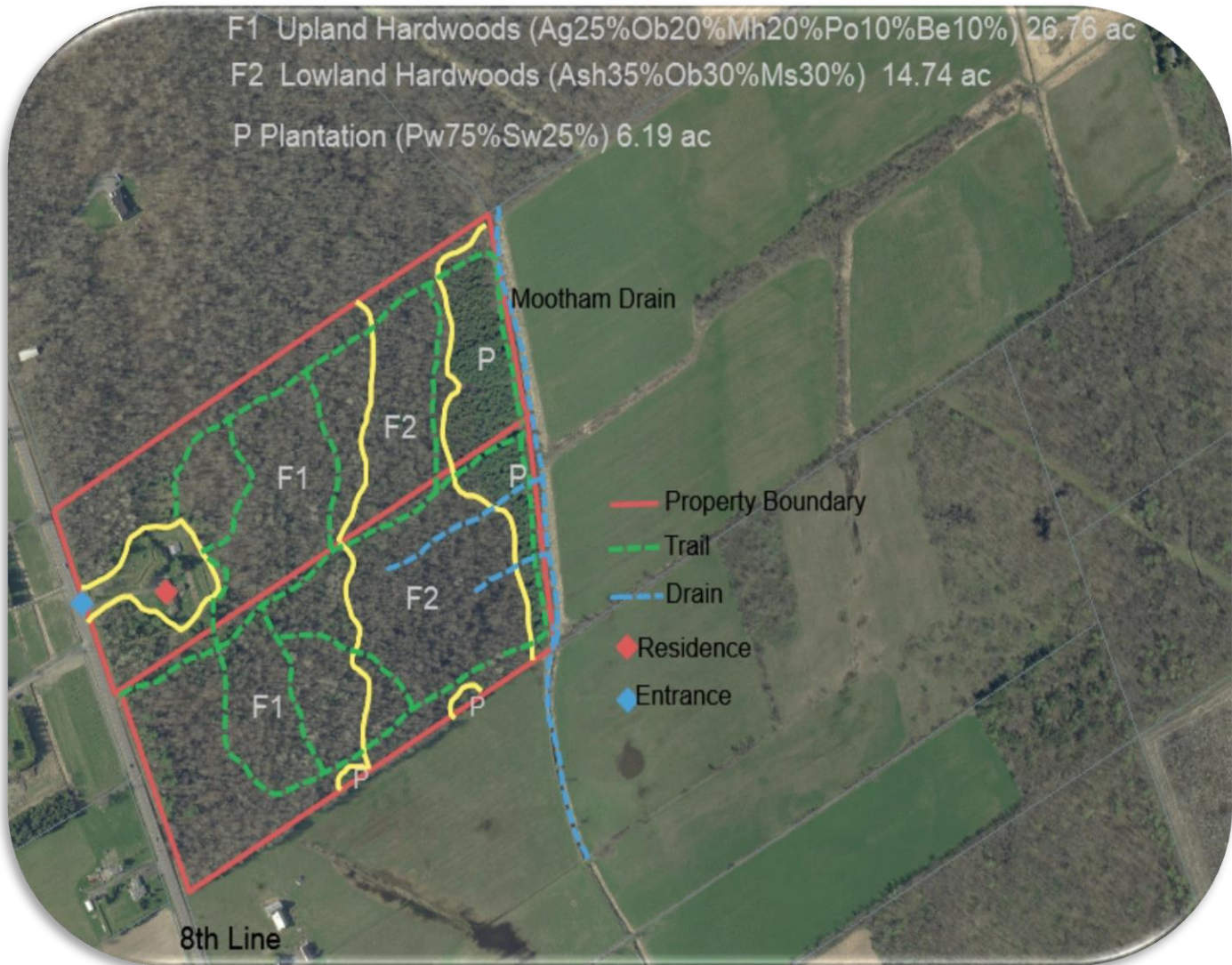
**Pt Lot 8, Concession 8
Osgoode Tp, Ottawa City
06 14 700 050 74100 0000**

total area 97.5 acres
treed area 90.5 acres
house & lawn 7 acres
MFTIP area 90.5 acres

05 20 2308 DDA
Agenda Pg. 33



05 20 2308 DDA Agenda Pg. 33



05 20 2309 DDA
Agenda Pg. 34



Clean Water Program Grants

2020-APL-16B
Agenda Pg. 38



2020-APL-CW16B

Agenda Pg. 38

7. Croquis

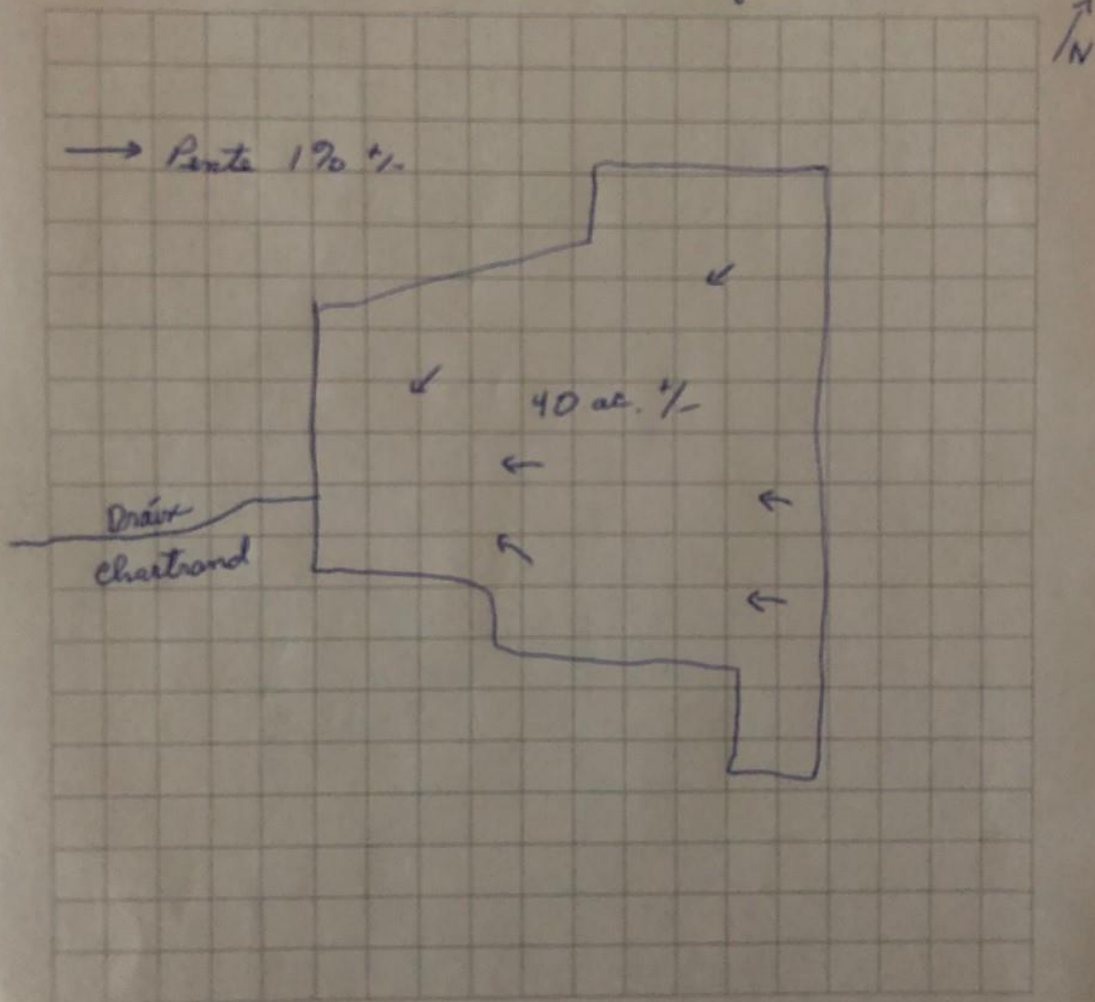
Veuillez indiquer :

- l'emplacement et le nom du (des) cours d'eau;
- l'emplacement de la structure existante et du projet proposé, y compris la distance les séparant des cours d'eau et des limites du terrain;
- l'emplacement de tous les bâtiments, puits, fosses septiques, limites du terrain et chemins, ainsi que les distances;
- toutes les caractéristiques pertinentes, comme la largeur de la bande tampon, la longueur des clôtures, la superficie du pâturage et les autres dimensions précisées dans la section sur le projet.

Lot: 23

Concession: 1

Ancien canton: alfred



2020-APL-CW16B

Agenda Pg. 38

2020 Project Rating for Cover Crops

Project Code: 2020-APL-CW16B
 Project Type: Cover Crops
 Rep: Andi

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent natural/wetland	Intermittent	Private ditch	3	3
2. Type of cover crop	Multi species		Single species	4	3.5
3. Upland slope	>5%	3% - 5%	<2%	3	2.5
4. Termination time	Spring	Late Fall	Early Fall	3	3
5. Subwatershed health score OR priority subwatershed OR in a WHPA A or B or IPZ 1 or 2	Poor OR IPZ 1 OR WHPA A	Fair OR IPZ 2 OR WHPA B	Good	8	—
6. Reps overall score				3	3
Sub Total Score				22	20.6
7. Committee's overall project priority				5	
Total Score				27	

15/16
 converted to score out of 26 = 20.63

Notes:

Adjacent Land Use: Agricultural

Other notes: Land near the Ottawa River -

rolling land - heavy clay - excellent way to increase organic matter - seeded over August 20th / 20 - Winter wheat with some clover

2020-RUS-CW20

Agenda Pg. 39

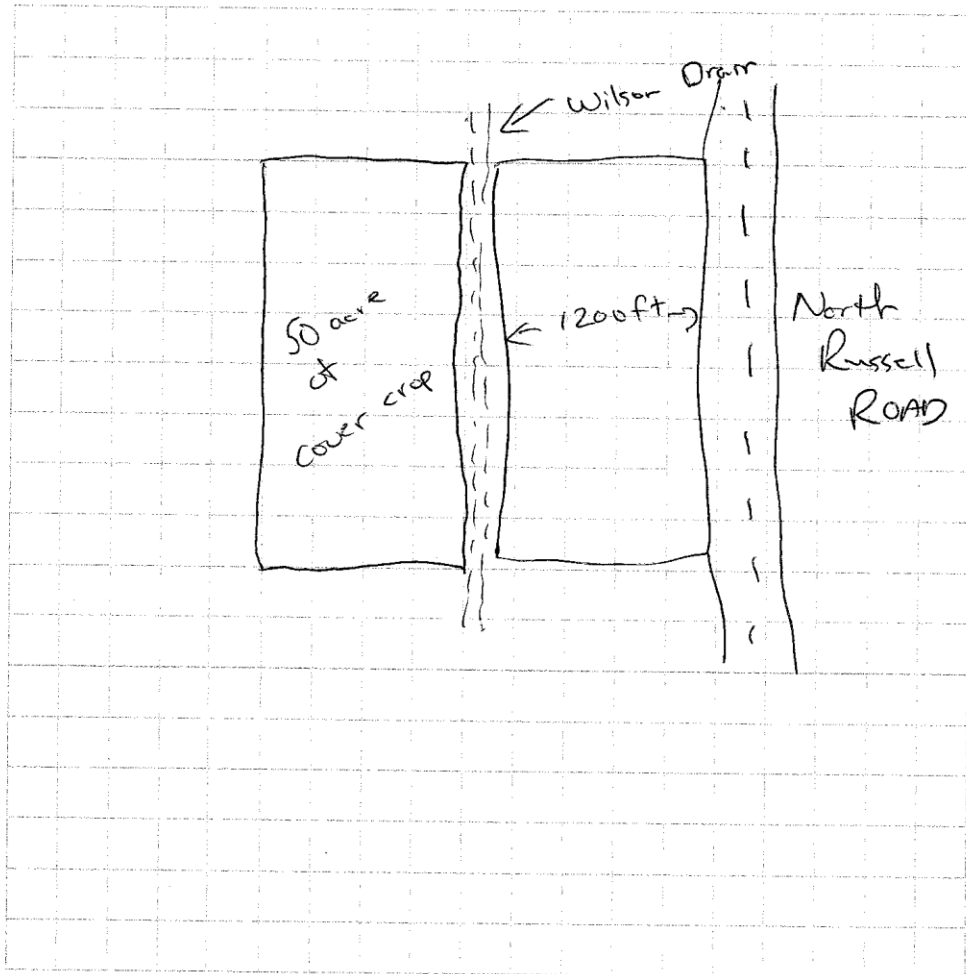
7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
 - b) location of existing and proposed project, including distances to watercourses and lot lines
 - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
 - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 22

Concession: 2

Former Township: Russell



2020-RUS-CW20

Agenda Pg. 39

2020 Project Rating for Cover Crops

Project Code: 2020-RUS-CW20

Project Type: Cover Crops

Rep: Pinche

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent natural wetland	Intermittent	Private ditch	3	2
2. Type of cover crop	Multi species		Single species	4	4
3. Upland slope	>5%	3% - 5%	<2%	3	2.5
4. Termination time	Spring	Late Fall	Early Fall	3	3
5. Subwatershed health score OR priority subwatershed OR in a WHPA A or B or IPZ 1 or 2	Poor OR IPZ 1 OR WHPA A	Fair OR IPZ 2 OR WHPA B	Good	8	2
6. Reps overall score				3	3
Sub Total Score				22	16.5
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Agricultural

Other notes: Mixture of barley, wheat and tillage radishes seeded on August 20th. Excellent way to increase organic matter

2020-NAT-CW21

Agenda Pg. 40



2020-NAT-CW21

Agenda Pg. 40

7. Croquis

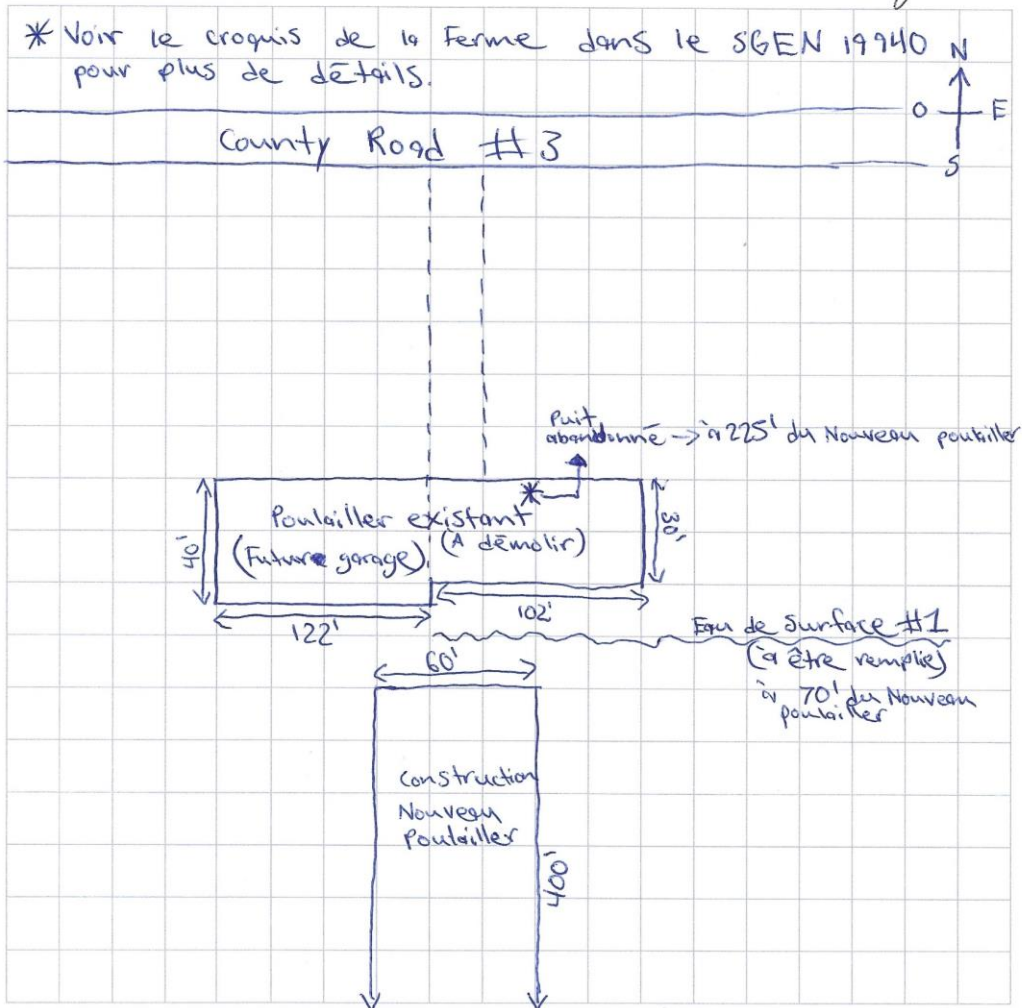
Veuillez indiquer :

- l'emplacement et le nom du (des) cours d'eau;
- l'emplacement de la structure existante et du projet proposé, y compris la distance les séparant des cours d'eau et des limites du terrain;
- l'emplacement de tous les bâtiments, puits, fosses septiques, limites du terrain et chemins, ainsi que les distances;
- toutes les caractéristiques pertinentes, comme la largeur de la bande tampon, la longueur des clôtures, la superficie du pâturage et les autres dimensions précisées dans la section sur le projet.

Lot: 10

Concession: 18

Ancien canton: South-Plantagenet



2020-NAT-CW21

Agenda Pg. 40

2020 Project Rating for Well Decommissioning

Project Code: 2020-NAT-CW21
 Project Type: Well Decommissioning
 Rep: Andri

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of well	Dug - Stone - Tiles	Bored - Drilled	Sandpoint	3	1
2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2 - <u>within barn</u>	<100m OR WHPA A OR IPZ 1	100m 300m OR WHPA B OR IPZ 2	>300m	4	4
3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards	Eg. No cover, grade sloping towards well, open annular spacing around casing OR Water Quality samples indicating contamination	Eg. No cover, above grade	Eg. Covered, above grade, no annular spacing around casing	5	5
4. Distance to closest contamination source (e.g. barn, street or driveway run off)	<15m	15m - 30m	>30m	3	3
5. Subwatershed health score and priority subwatershed	Poor	Fair	Good	4	3
6. Reps overall score				3	3
Sub Total Score				22	19
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Agricultural

Other notes: Sandpoint in barn - 30 years old 1'

2020-CLR-CW22

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2020-CLR-CW22

Agenda Pg. 41

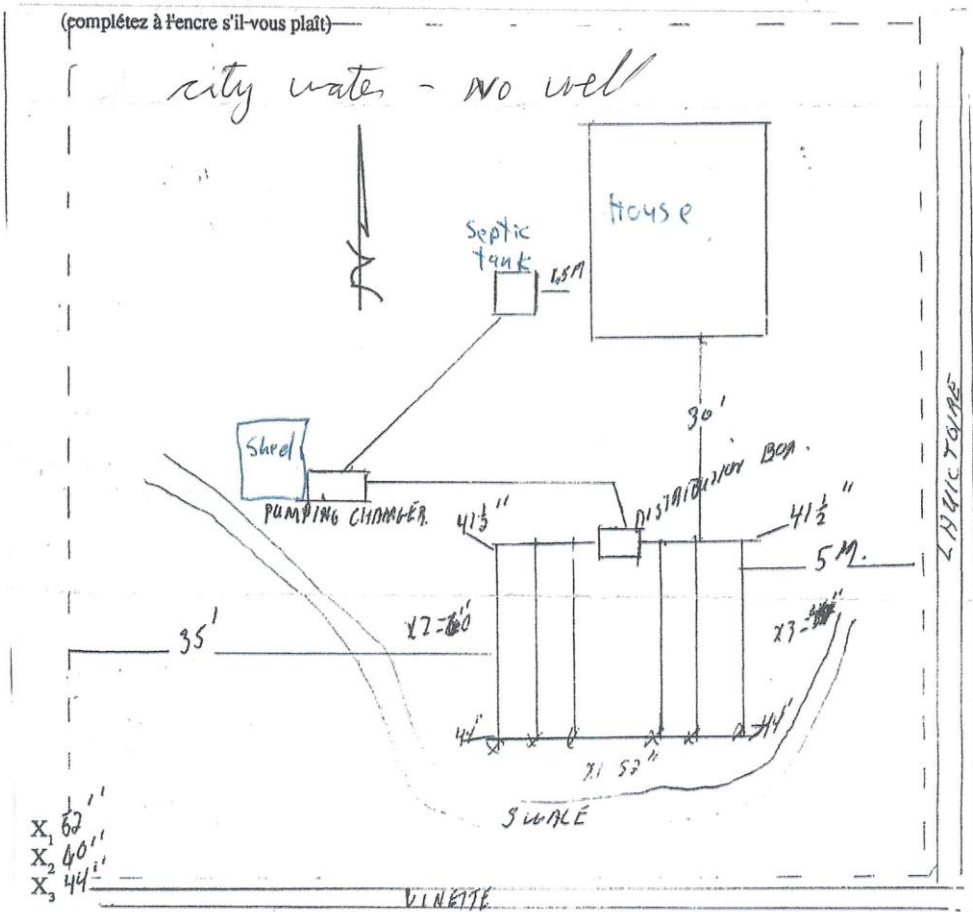
Firefox

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7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
 - b) location of existing and proposed project, including distances to watercourses and lot lines
 - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
 - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 5 Concession: 6 Former Township: Clarence



2020-CLR-CW22

Agenda Pg. 41

2020 Project Rating for Septic Systems

Project Code: 2020-CLR-CW22
 Project Type: Septic Systems
 Rep: Duke

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Evidence of system failure	Visible system failed	In-house issues (e.g. toilet won't flush)	No evidence, preventative, system old	6	6
2. Age of septic system	20 years or older	10-19 years	Less than 10 years	3	3
3. New system type	Full replacement with advance system	Full replacement with conventional system	Repair tank and/or treatment trench	2	2
4. Distance to well or watercourse OR within Wellhead Protection Area (WHPA) OR Intake Protection Zone (IPZ) 1 or 2	<15m OR WHPA A OR IPZ 1	15-30m OR WHPA B OR IPZ 2	>30m	3	1
5. Subwatershed health score OR priority subwatershed	Poor	Fair	Good	5	—
6. Reps overall score				3	3
Sub Total Score				22	19.4
7. Committee's overall project priority				5	
Total Score				27	

15/19 converted to 8 core out of 22 = 19.41

Notes:

Adjacent Land Use: Residential
 Other notes: System not working - 30+ years old
- roots from large cedar trees found in
septic system - clogging tiles

2020-CLR-23
Agenda Pg. 42



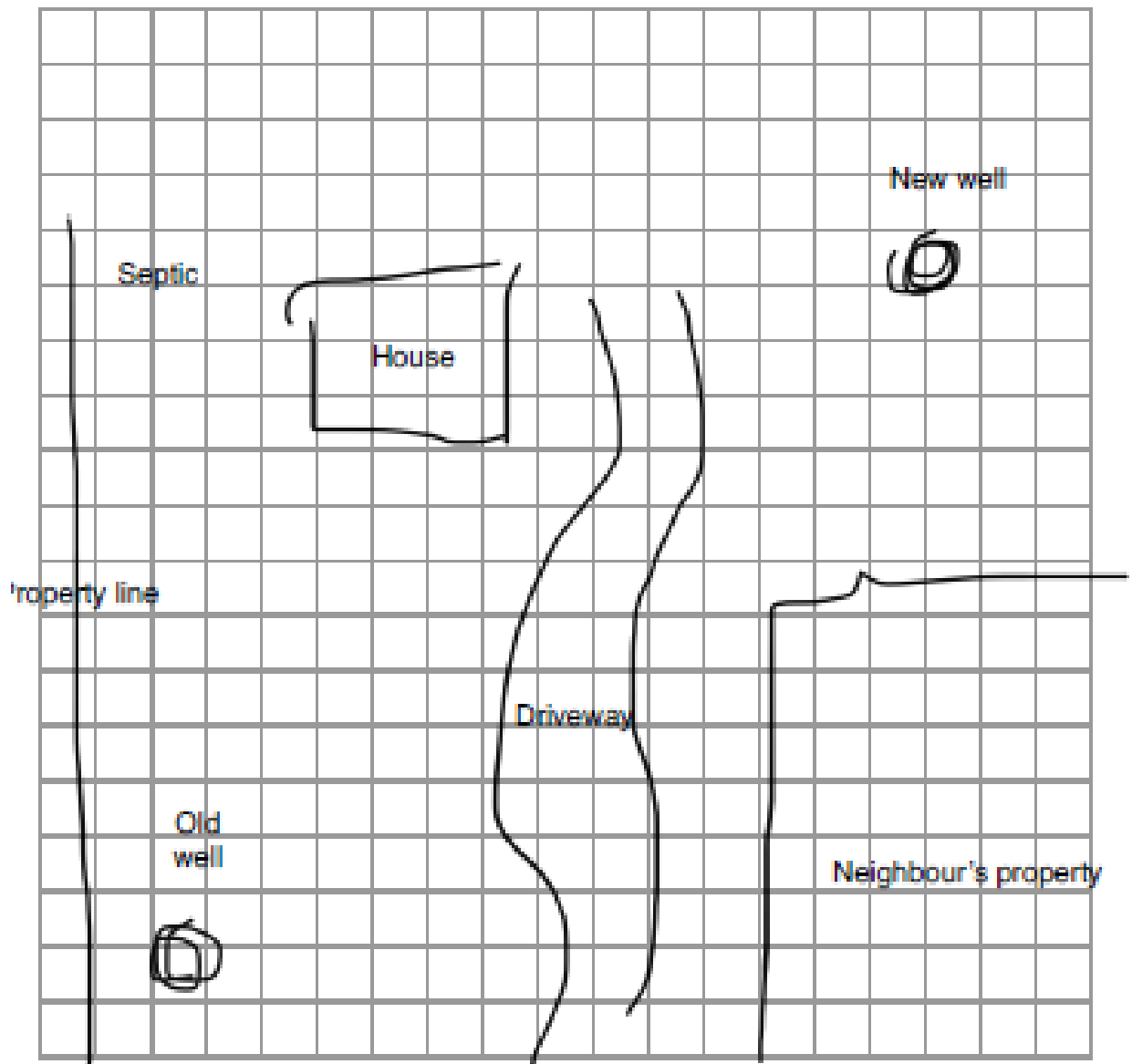
2020-CLR-23

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7. Sketch Sheet

- Please Provide: a) location and name of watercourse(s)
b) location of existing and proposed project, including distances to watercourses and lot lines
c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 5 Concession: 7 Former Township: _____



2020-CLR-23

Agenda Pg. 42

2020 Project Rating for Well Decommissioning

Project Code: 2020-APL-CW 24
 Project Type: Well Decom
 Rcp: Amber

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of well	Dug - Stone - Tiles	Bored - Drilled	Sandpoint	3	3
2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2	<100m OR WHPA A OR IPZ 1	100m - 300m OR WHPA B OR IPZ 2	>300m	4	2
3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards	E.g. No cover, grade sloping towards well, open annular spacing around casing OR Water Quality samples indicating contamination	E.g. No cover, above grade	E.g. Covered, above grade, no annular spacing around casing	5	5
4. Distance to closest contamination source (e.g. barn, street or driveway run off)	<15m	15m - 30m	>30m	3	3
5. Subwatershed health score and priority subwatershed	Poor	Fair	Good	4	3
6. Reps overall score				3	3
Sub Total Score				22	19
7. Committee's overall project priority				5	
Total Score				27	

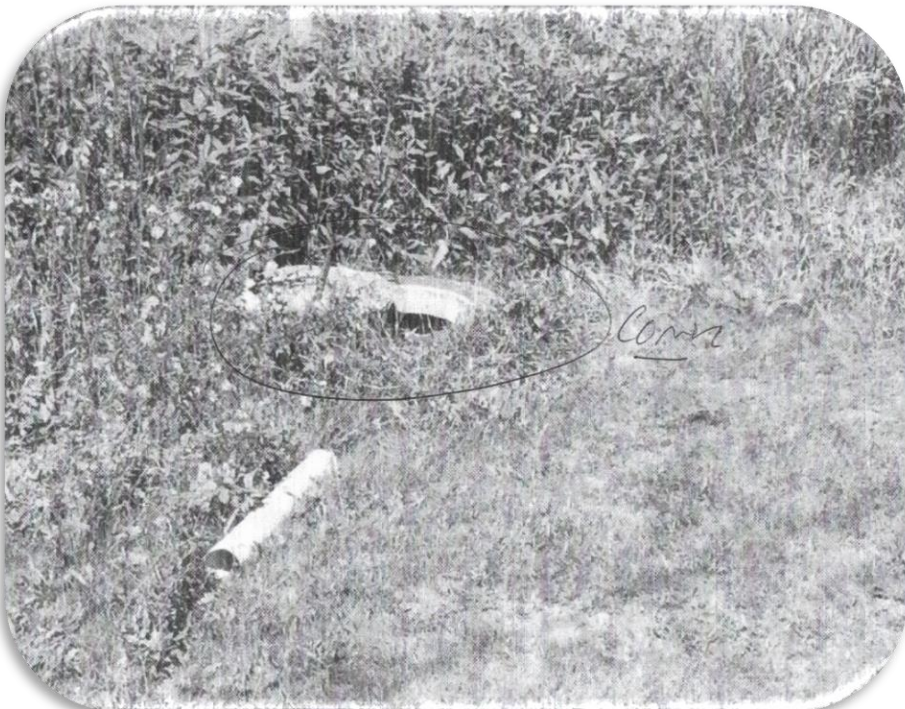
Notes:

Adjacent Land Use: Rural Agriculture

Other notes: Poor quality water - no water - well dry

2020-APL-CW24

Agenda Pg. 43



2020-APL-CW24

Agenda Pg. 43

7. Croquis

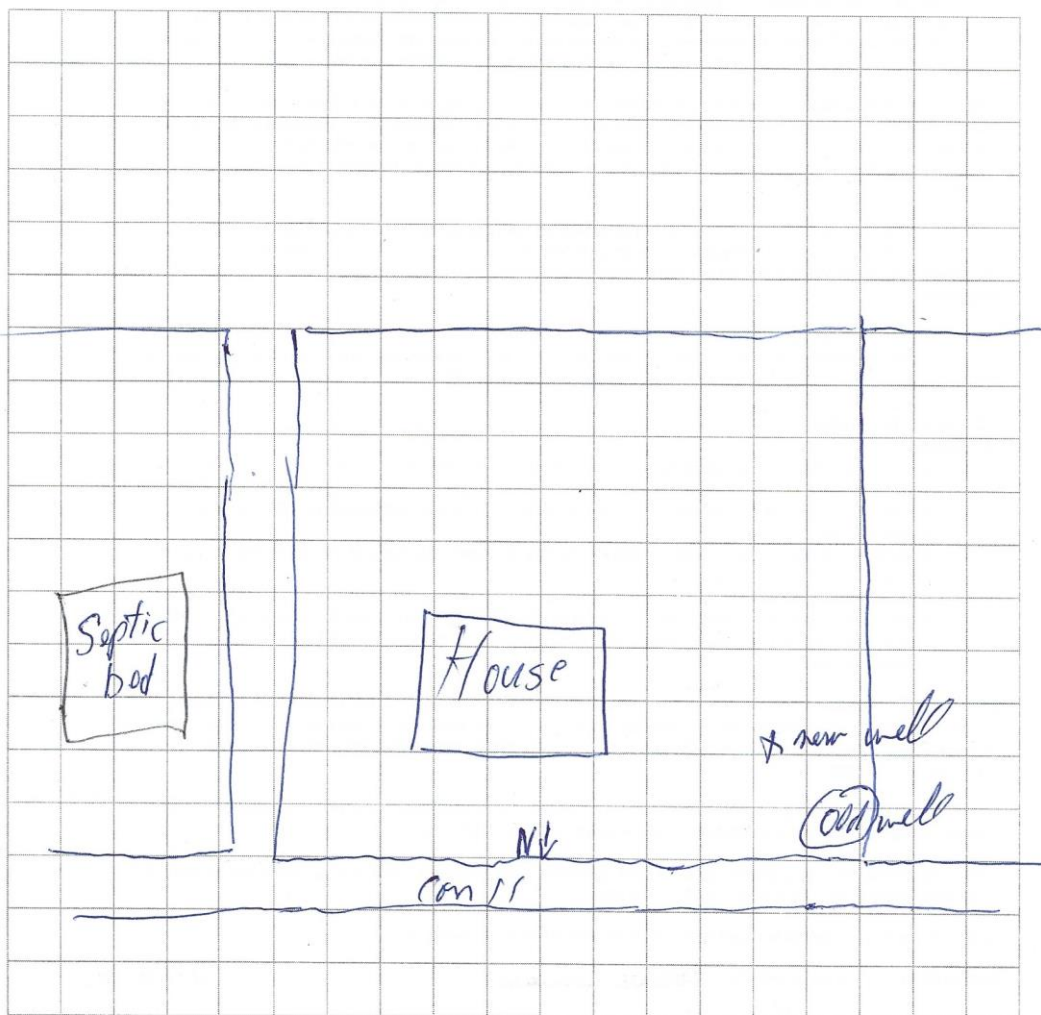
Veuillez indiquer :

- a) l'emplacement et le nom du (des) cours d'eau;
- b) l'emplacement de la structure existante et du projet proposé, y compris la distance les séparant des cours d'eau et des limites du terrain;
- c) l'emplacement de tous les bâtiments, puits, fosses septiques, limites du terrain et chemins, ainsi que les distances;
- d) toutes les caractéristiques pertinentes, comme la largeur de la bande tampon, la longueur des clôtures, la superficie du pâturage et les autres dimensions précisées dans la section sur le projet.

Lot: # 216

Concession: 11

Ancien canton : AL Fred



2020-APL-CW24

Agenda Pg. 43

2020 Project Rating for Well Decommissioning

Project Code: 2020-CLR-CW23

Project Type: Well Decom

Rep: Donche

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of well	Dug - Stone Tiles	Bored - Drilled	Sanopoint	3	3
2. Distance to wall in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2	<100m OR WHPA A OR IPZ 1	100m - 300m OR WHPA B OR IPZ 2	>300m	4	4
3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards	E.g. No cover, grade sloping towards well, open annular spacing around casing OR Water Quality samples indicating contamination	E.g. No cover, above grade	E.g. Covered, above grade, no annular spacing around casing	5	3
4. Distance to closest contamination source (e.g. barn, street or driveway run off)	<15m	15m - 30m	>30m	3	3
5. Subwatershed health score and priority subwatershed	Poor	Fair	Good	4	3
6. Reps overall score				3	3
Sub Total Score				22	19
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Rural residential

Other notes: No water - poor quality - 35 years old +

2020-EDW-CW25

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2020-EDW-CW25

Agenda Pg. 44

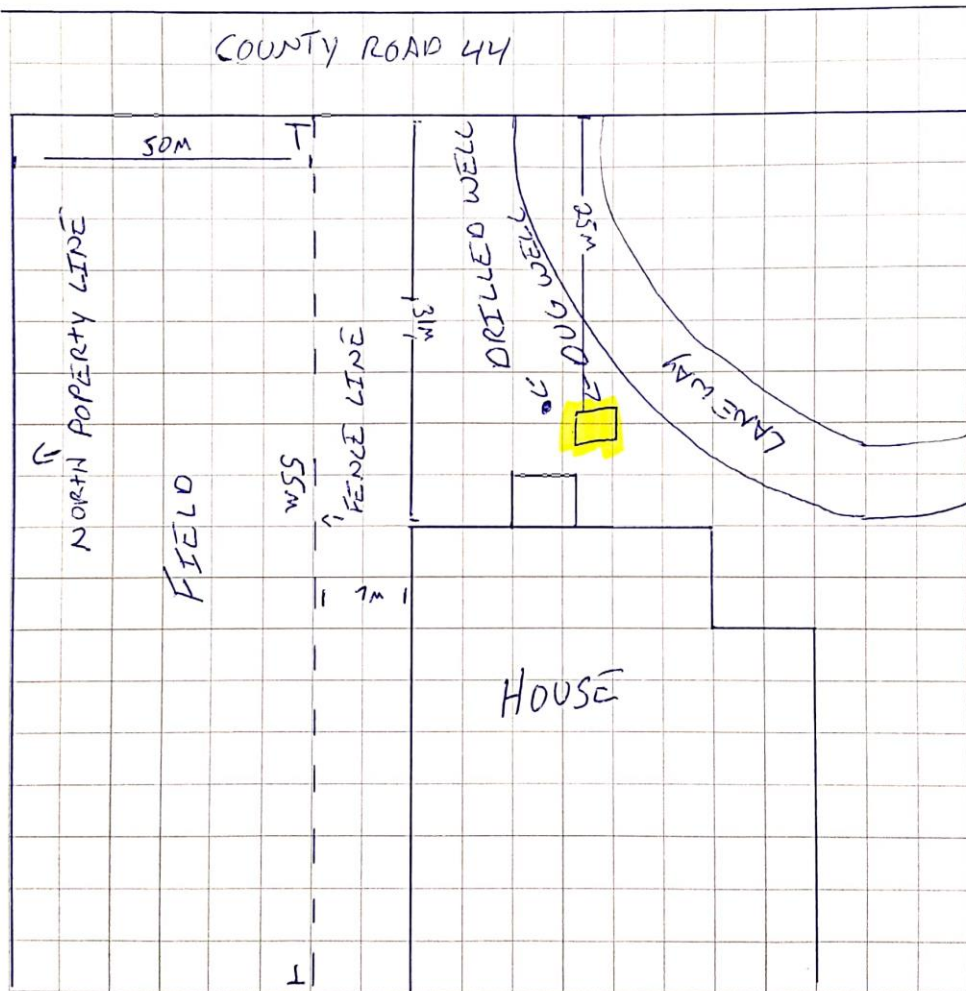
7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
 - b) location of existing and proposed project, including distances to watercourses and lot lines
 - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
 - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 23

Concession: 8

Former Township: EDWARDSBURGH



2020-EDW-CW25

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2020 Project Rating for Well Decommissioning

Project Code: 2020-EDW-CW25

Project Type: Well Decommissioning

Rep: Adrian Wynands

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of well	Dug - Stone - Tiles	Bored - Drilled	Sandpoint	3	3
2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2	<100m OR WHPA A OR IPZ 1	100m - 300m OR WHPA B OR IPZ 2	>300m	4	4
3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards	E.g. No cover, grade sloping towards well, open annular spacing around casing OR Water Quality samples indicating contamination	E.g. No cover, above grade	E.g. Covered, above grade, no annular spacing around casing	5	4
4. Distance to closest contamination source (e.g. barn, street or driveway run off)	<15m	15m - 30m	>30m	3	3
5. Subwatershed health score and priority subwatershed	Poor	Fair	Good	4	3
6. Reps overall score				3	3
Sub Total Score				22	20
7. Committee's overall project priority				5	
Total Score				27	

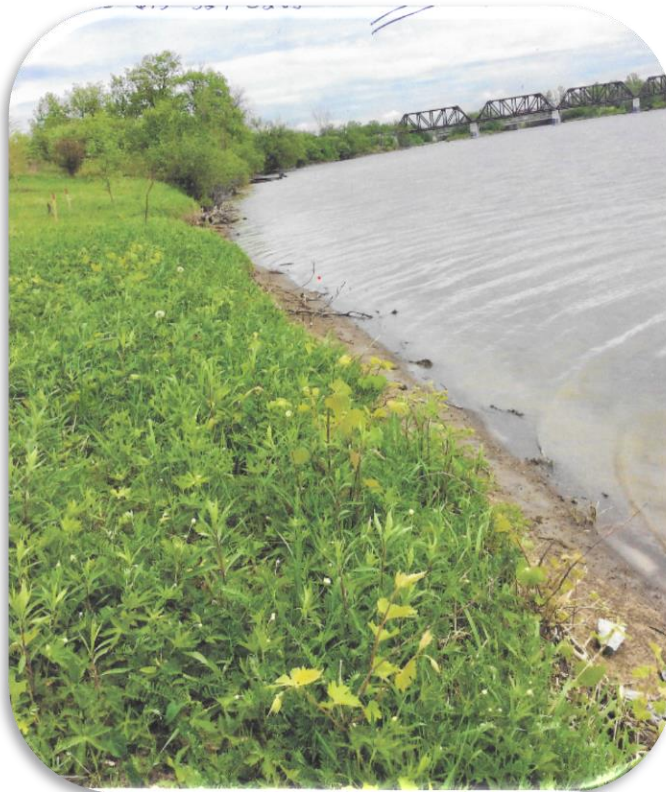
Notes:

Adjacent Land Use: Agriculture

Other notes: there is a safety concern with young children

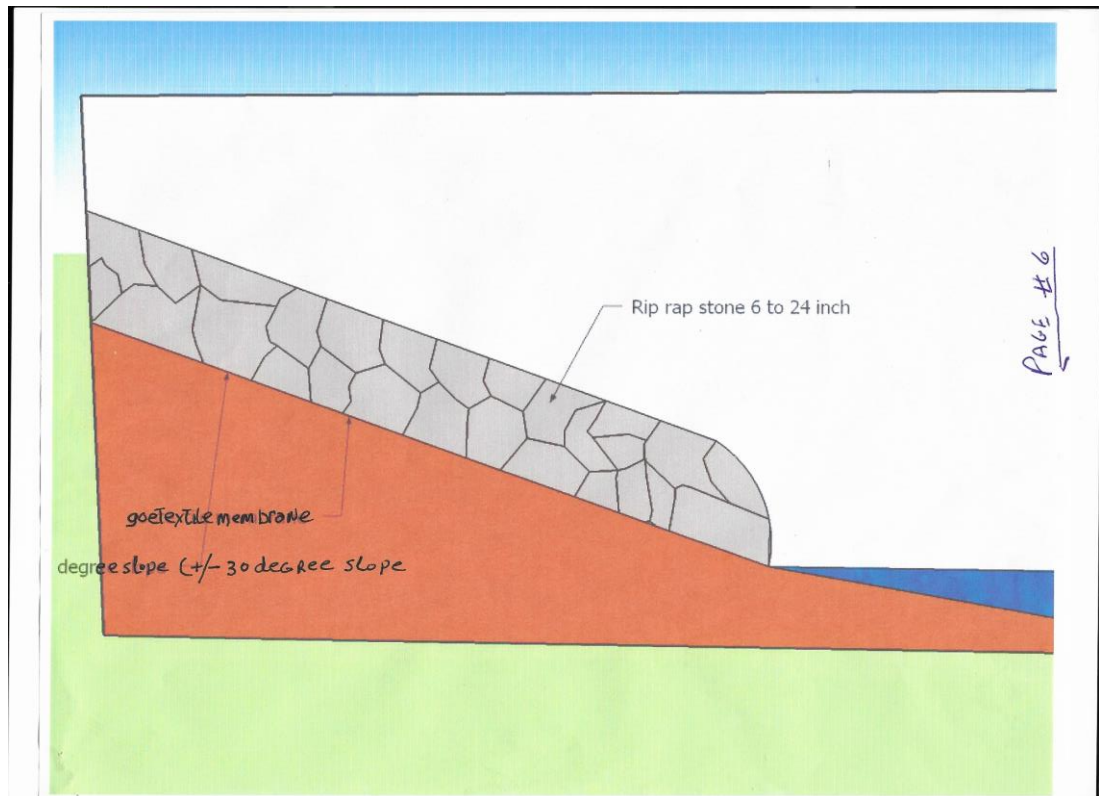
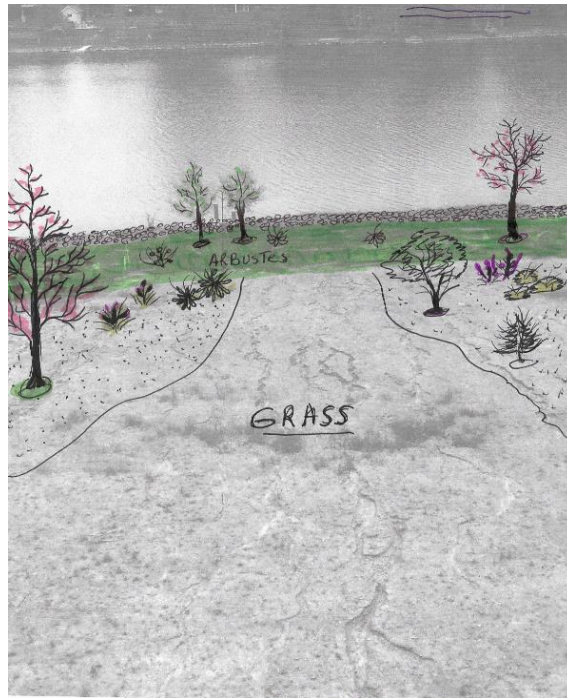
2020-CAS-CW26

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2020-CAS-CW26

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2020-CAS-CW26

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2020 Project Rating for Stream Bank Erosion

Project Code: 2020-CAS-CW26

Project Type: Stream Bank Erosion

Rep: Anche

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent	Intermittent	Private or roadside ditch	2	2
2. Evidence of erosion	Severe, active bank erosion	Non-severe, active bank erosion	Potential for bank erosion or upland erosion	3	1.5
3. Bank slopes	>5%	3% - 5%	<2%	3	2
4. Proposed project – SNC Engineering review	Good solution proposed for site conditions	Fair solution proposed for site conditions	Poor solution proposed for site conditions	5	3
5. Subwatershed health score and priority subwatershed/ watercourse	Poor	Fair	Good	6	4
6. Reps overall score				3	2.0
Sub Total Score				22	14.5
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Riverbank residential

Other notes: Non severe bank erosion - some undercuts over the years - extremely low water level at the time of the site visit

4 – Comment from SNC Engineering Review: “The photos do not show much erosion and by leaving the site naturalize with deep rooting plants, the “erosion” issue may resolve itself. This site may be a no touch zone as per the subdivision agreement.”

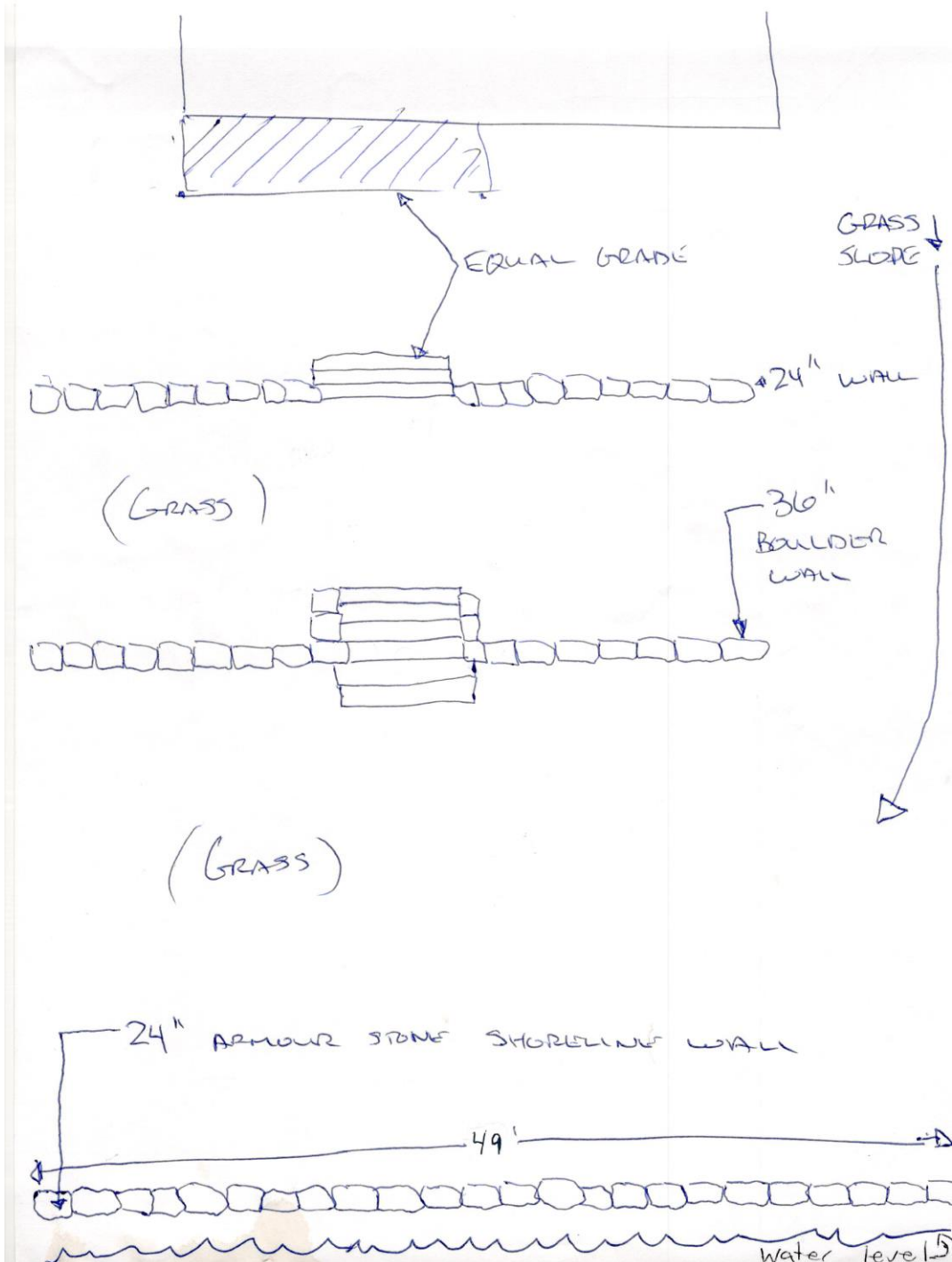
2020-CAS-CW27

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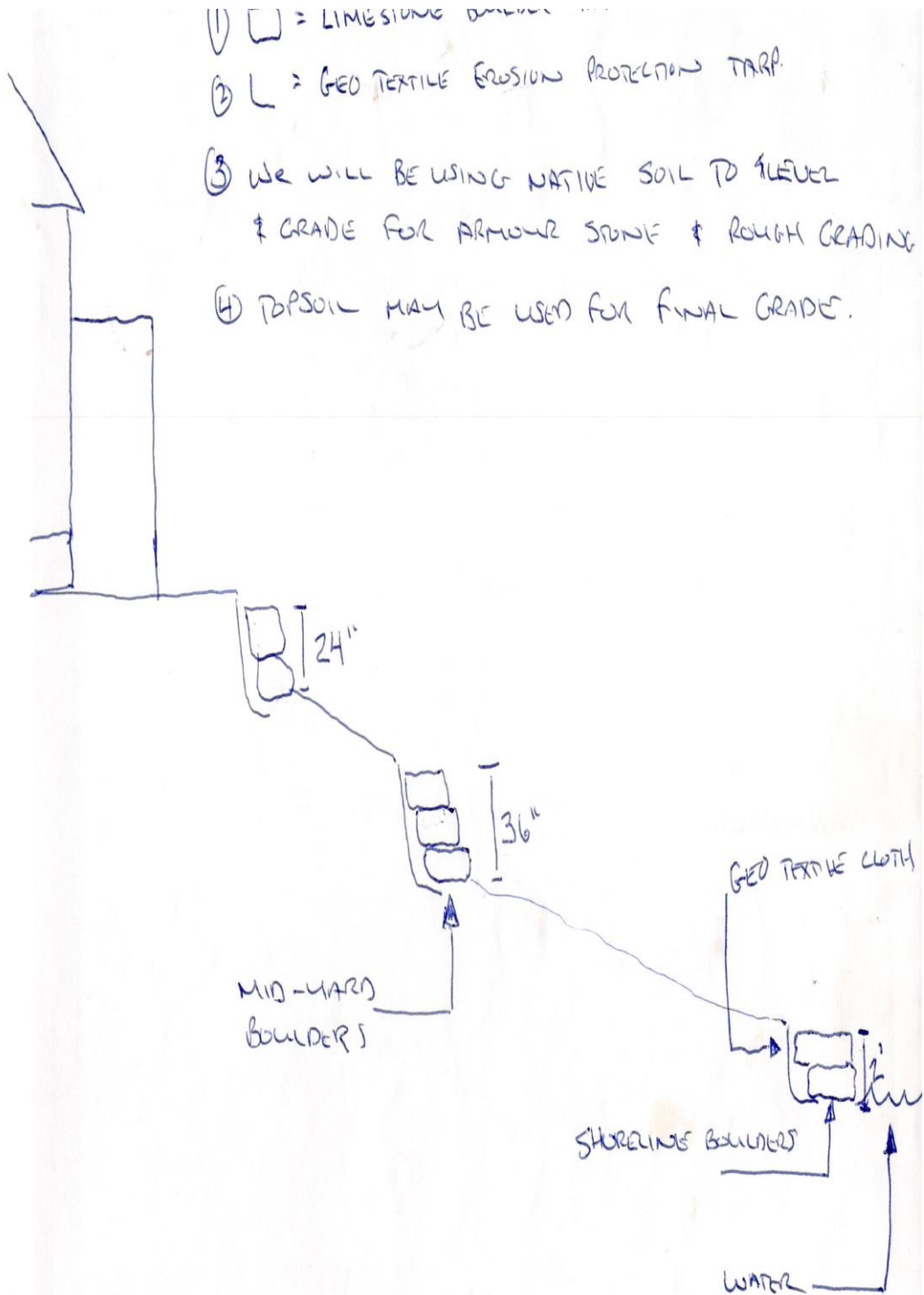
2020-CAS-CW27

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2020-CAS-CW27

Agenda Pg. 46



2020-CAS-CW27

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2020 Project Rating for Stream Bank Erosion

Project Code: 2020-CAS-CW27
 Project Type: Stream Bank Erosion
 Rep: Amber

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	<u>Permanent</u>	<u>Intermittent</u>	<u>Private or roadside ditch</u>	2	<u>2</u>
2. Evidence of erosion	<u>Severe, active bank erosion</u>	<u>Non-severe, active bank erosion</u>	<u>Potential for bank erosion or upland erosion</u>	3	<u>1.5</u>
3. Bank slopes	<u>>5%</u>	<u>3% - 5%</u>	<u><2%</u>	3	<u>2.0</u>
4. Proposed project - SNC Engineering review	<u>Good solution proposed for site conditions</u>	<u>Fair solution proposed for site conditions</u>	<u>Poor solution proposed for site conditions</u>	5	<u>3</u>
5. Subwatershed health score and priority subwatershed/ watercourse	<u>Poor</u>	<u>Fair</u>	<u>Good</u>	6	<u>4</u>
6. Reps overall score				3	<u>2.0</u>
Sub Total Score				22	<u>14.5</u>
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Residential

Other notes: Potential for non-severe bank erosion although some undercut in some places/positions. Slow moving water except at Spring another photo flood - low water level.

4 - Comment from SNC Engineering Review: "The photos do not show much erosion and by leaving the site naturalize with deep rooting plants, the "erosion" issue may resolve itself. This site may be a no touch zone as per the subdivision agreement."

2020-CAS-CW28

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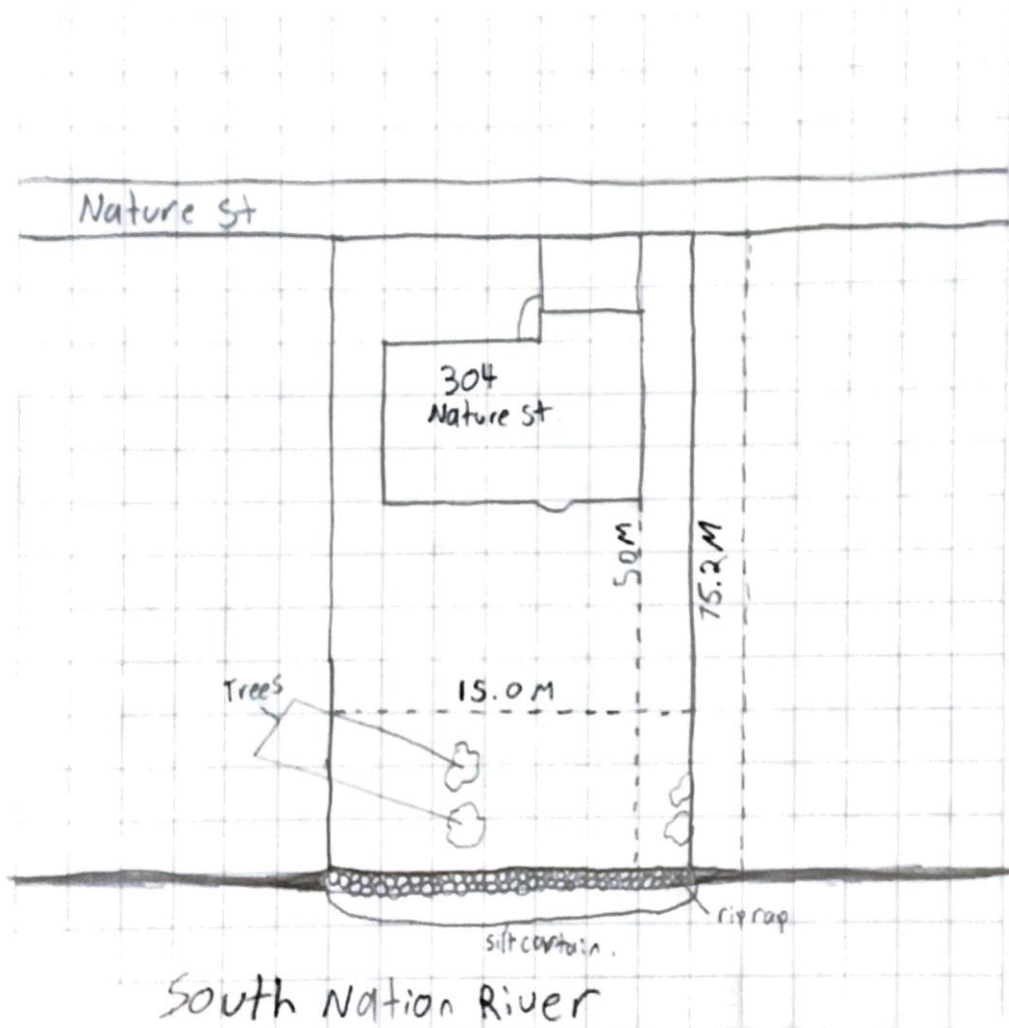
2020-CAS-CW28

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7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
 - b) location of existing and proposed project, including distances to watercourses and lot lines
 - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc. and
 - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot 50 Concession _____ Former Township Casselman



2020-CAS-CW28

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2020 Project Rating for Stream Bank Erosion

Project Code: 2020-CAS-CW28
 Project Type: Stream Bank Erosion
 Rep: Florida

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	<u>Permanent</u>	Intermittent	Private or roadside ditch	2	<u>2</u>
2. Evidence of erosion	Severe, active bank erosion	<u>Non-severe, active bank erosion</u>	Potential for bank erosion or upland erosion	3	<u>2</u>
3. Bank slopes	>5%	<u>3% - 5%</u>	<2%	3	<u>2.0</u>
4. Proposed project - SNC Engineering review	Good solution proposed for site conditions	Fair solution proposed for site conditions	Poor solution proposed for site conditions	5	<u>3</u>
5. Subwatershed health score and priority subwatershed/ watercourse	Poor	<u>Fair</u>	Good	6	<u>4</u>
6. Raps overall score				3	<u>2</u>
Sub Total Score				22	<u>15</u>
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Residential

Other notes: Non-severe bank erosion, some undercut, nothing major - straight stream bank (200 yds approx) - low water level

#4 - Comment from SNC Engineering Review: "The photos do not show much erosion and by leaving the site naturalize with deep rooting plants, the "erosion" issue may resolve itself. This site may be a no touch zone as per the subdivision agreement."

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2020-CAS-CW29

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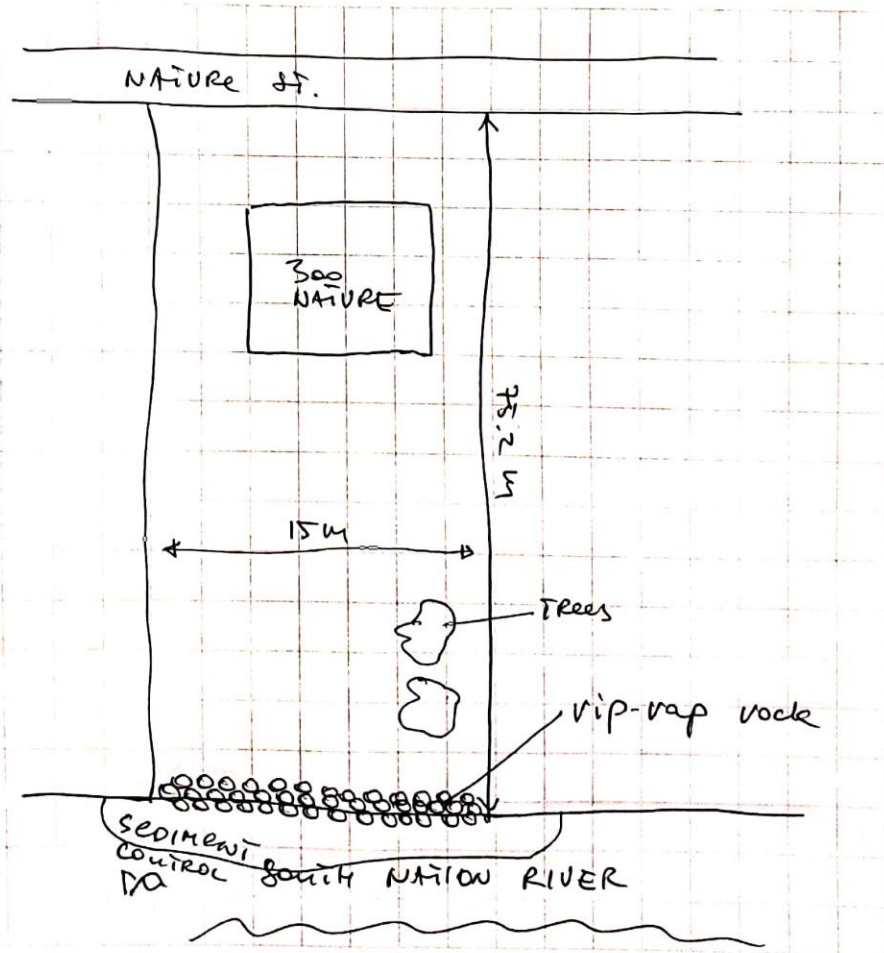
7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
 - b) location of existing and proposed project, including distances to watercourses and lot lines
 - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
 - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 51

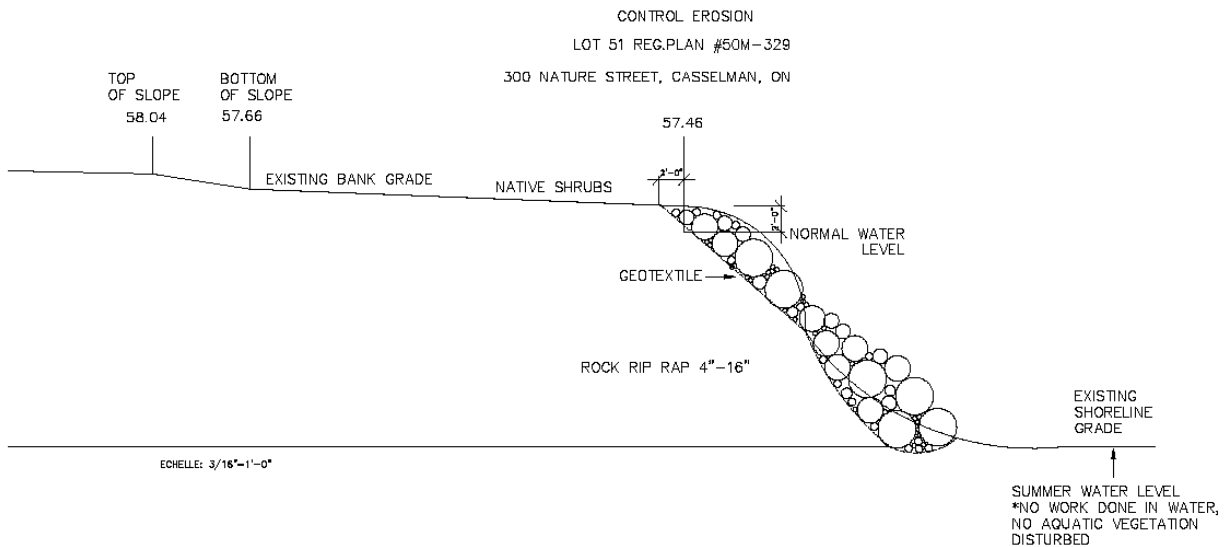
Concession: _____

Former Township: _____



2020-CAS-CW29

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2020-CAS-CW29

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2020 Project Rating for Stream Bank Erosion

Project Code: 2020-CAS-CW29
 Project Type: Stream Bank Erosion
 Rep: Archi

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent	Intermittent	Private or roadside ditch	2	2
2. Evidence of erosion	Severe, active bank erosion	Non-severe, active bank erosion	Potential for bank erosion or upland erosion	3	2
3. Bank slopes	>5%	3% - 5%	<2%	3	2
4. Proposed project - SNC Engineering review	Good solution proposed for site conditions	Fair solution proposed for site conditions	Poor solution proposed for site conditions	5	3
5. Subwatershed health score and priority subwatershed/ watercourse	Poor	Fair	Good	6	4
6. Reps overall score				3	2
Sub Total Score				22	15
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Residential along Nation
 Other notes: Non-severe bank erosion - straight stream bank - some normal undercuts, nothing major

2020-NAT-CW30

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2020-NAT-CW30

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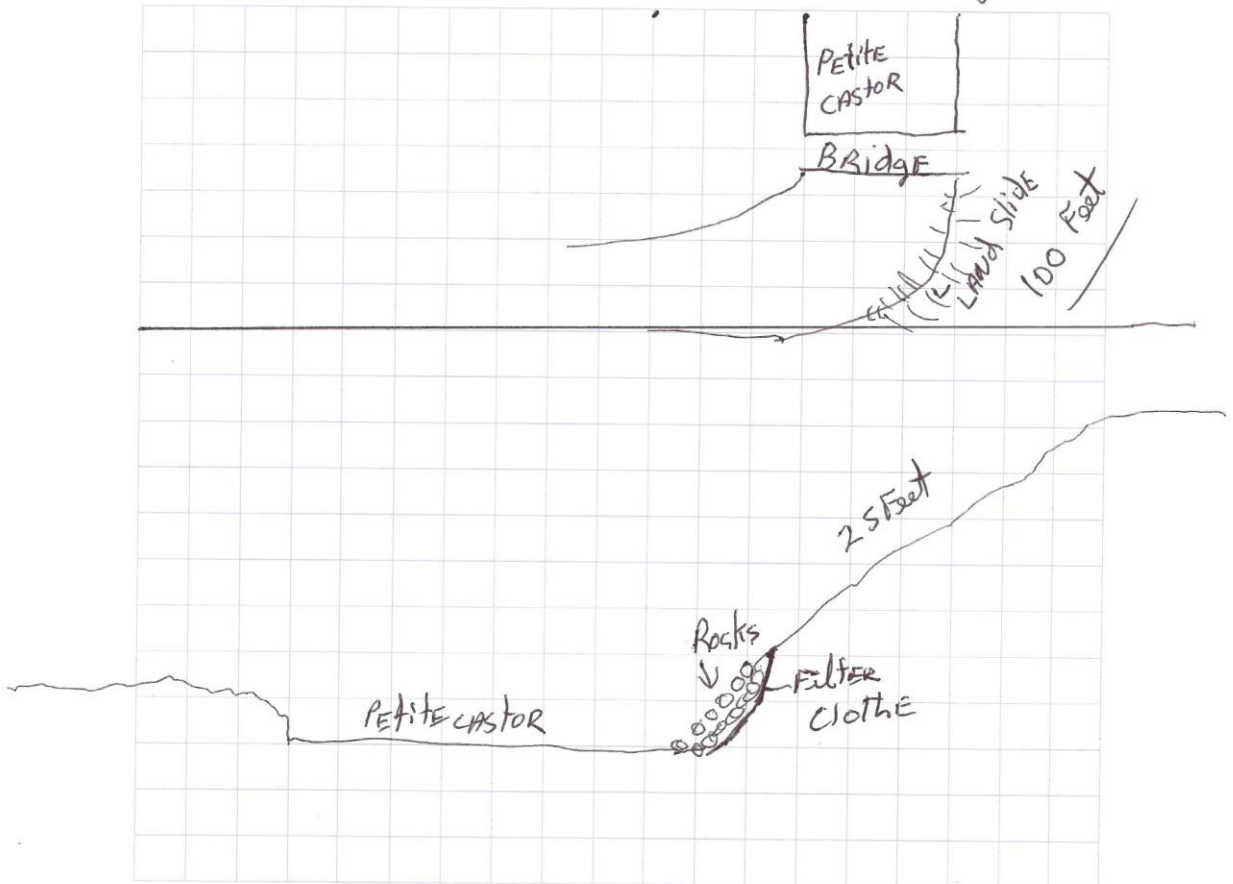
7. Sketch Sheet

- Please Provide: a) location and name of watercourse(s)
b) location of existing and proposed project, including distances to watercourses and lot lines
c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 27

Concession: 07

Former Township: CANBRIDGE



2020-NAT-CW30

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2020 Project Rating for Stream Bank Erosion

Project Code: 2020-NAT-CW30

Project Type: Stream Bank Erosion

Rep: Dodge

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse <i>Center Road</i>	Permanent	Intermittent	Private or roadside ditch	2	2
2. Evidence of erosion	Severe, active bank erosion	Non-severe, active bank erosion	Potential for bank erosion or upland erosion	3	3
3. Bank slopes	>5%	3% - 5%	<2%	3	3
4. Proposed project - SNC Engineering review	Good solution proposed for site conditions	Fair solution proposed for site conditions	Poor solution proposed for site conditions	5	2.5
5. Subwatershed health score and priority subwatershed/ watercourse	Poor	Fair	Good	6	4
6. Reps overall score				3	3
Sub Total Score				22	17.5
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Agricultural

Other notes: Severe erosion - steep slope in permanent water stream - gully 25-30 ft. deep

4. Comment from SNC Engineering Review: There's not much info provided (rock size, methodology, water level, etc.).

2020-NAT-CW31

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2020-NAT-CW31

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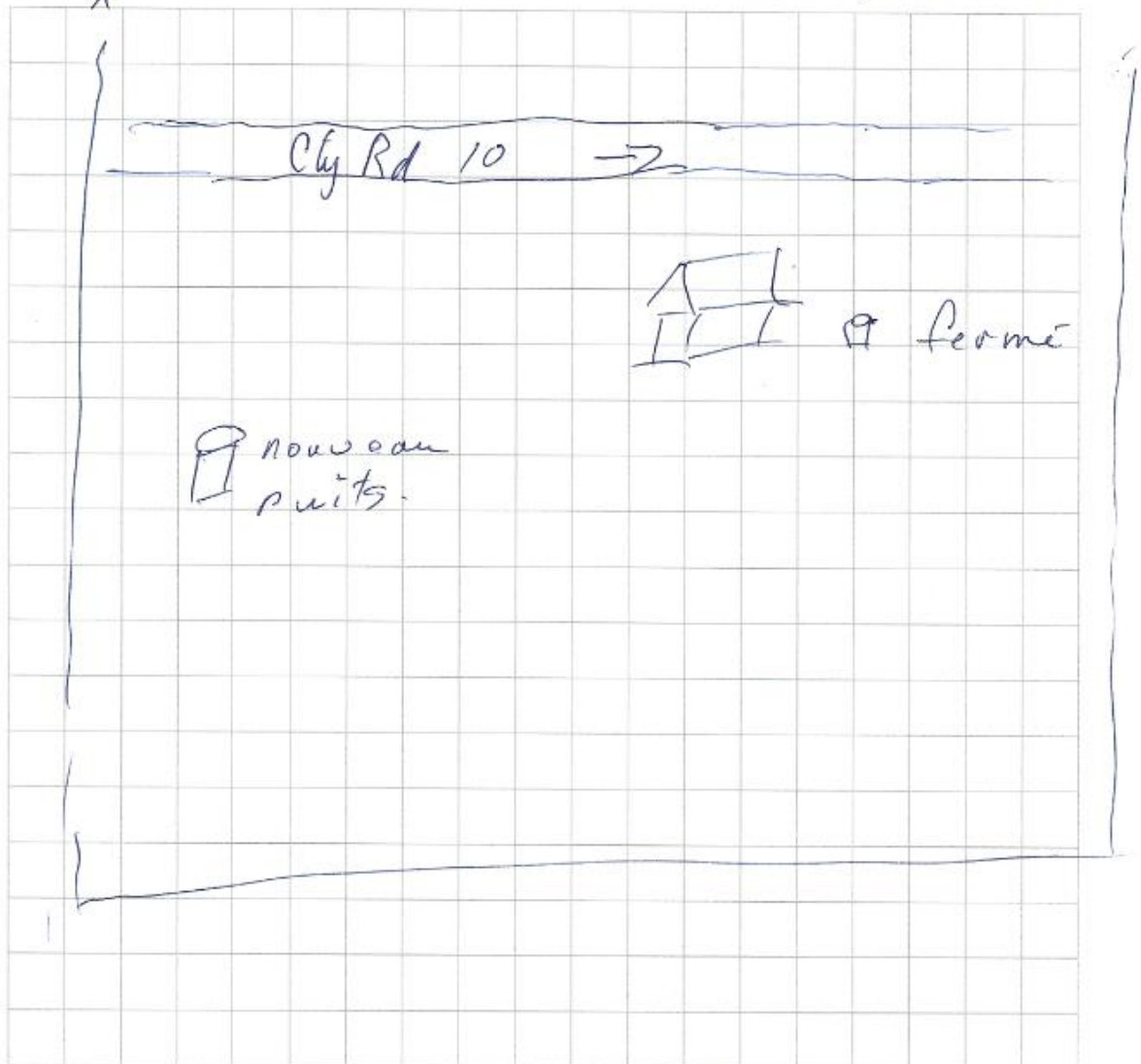
7. Croquis

Veuillez indiquer :

- l'emplacement et le nom du (des) cours d'eau;
- l'emplacement de la structure existante et du projet proposé, y compris la distance les séparant des cours d'eau et des limites du terrain;
- l'emplacement de tous les bâtiments, puits, fosses septiques, limites du terrain et chemins, ainsi que les distances;
- toutes les caractéristiques pertinentes, comme la largeur de la bande tampon, la longueur des clôtures, la superficie du pâturage et les autres dimensions précisées dans la section sur le projet.

Lot: partie 1 lot Concession: 14

Ancien canton : Planta genet sud.



2020-NAT-CW31

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2020 Project Rating for Well Decommissioning

Project Code: 2020-NAT-CW31

Project Type: Well Decom

Rep: Andar

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of well	Dug - Stone - tube	Bored - Drilled	Sandpoint	3	3
2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2	<100m OR WHPA A OR IPZ 1	100m - 300m OR WHPA B OR IPZ 2	>300m	4	3
3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards <i>No water - good water quality</i>	E.g. No cover, grade sloping towards well, open annular spacing around casing OR Water Quality samples indicating contamination	E.g. No cover, above grade	E.g. Covered, above grade, no annular spacing around casing	5	3.5
4. Distance to closest contamination source (e.g. barn, street or driveway run off)	<15m	15m - 30m	>30m	3	2.0
5. Subwatershed health score and priority subwatershed	Poor	Fair	Good	4	3
6. Reps overall score				3	3
Sub Total Score				22	17.5
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Rural - Residential

Other notes: _____

2020-NGL-CW32

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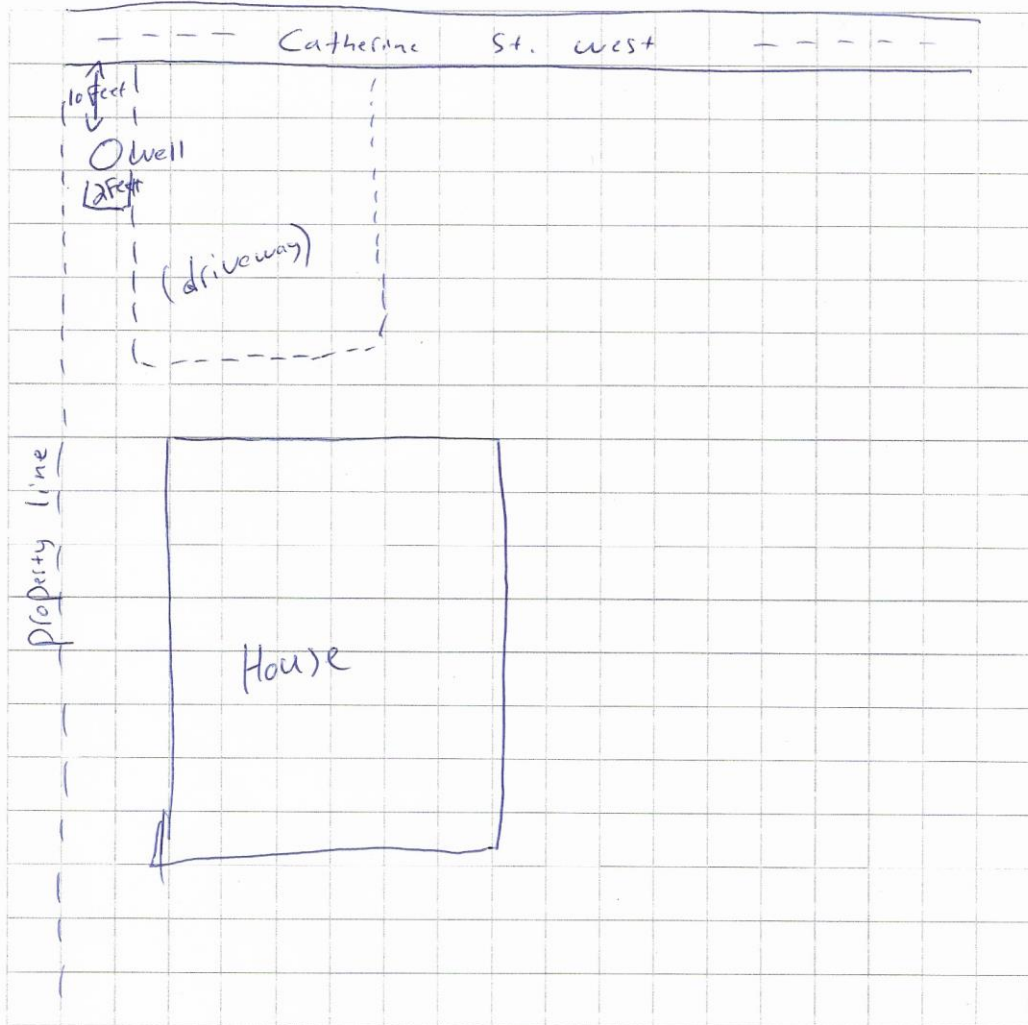
2020-NGL-CW32

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7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
 - b) location of existing and proposed project, including distances to watercourses and lot lines
 - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc. and
 - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: _____ Concession: _____ Former Township: _____



2020-NGL-CW32

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2020 Project Rating for Well Decommissioning

Project Code: 2020-NGL-CW32
 Project Type: Well Decommission
 Rep: Rene Lalonde

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of well	Dug - Stone - Tiles	Bored - Drilled	Sandpoint	3	2
2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2	<100m OR WHPA A OR IPZ 1	100m - 300m OR WHPA B OR IPZ 2	>300m	4	0
3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards	E.g. No cover, grade sloping towards well, open annular spacing around casing OR Water Quality samples indicating contamination	E.g. No cover, above grade	E.g. Covered, above grade, no annular spacing around casing	5	2
4. Distance to closest contamination source (e.g. barn, street or driveway run off)	<15m	15m - 30m	>30m	3	3
5. Subwatershed health score and priority subwatershed	Poor	Fair	Good	4	3
6. Reps overall score				3	3
Sub Total Score				22	13
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: _____

Other notes: _____

2020-NST-CW33

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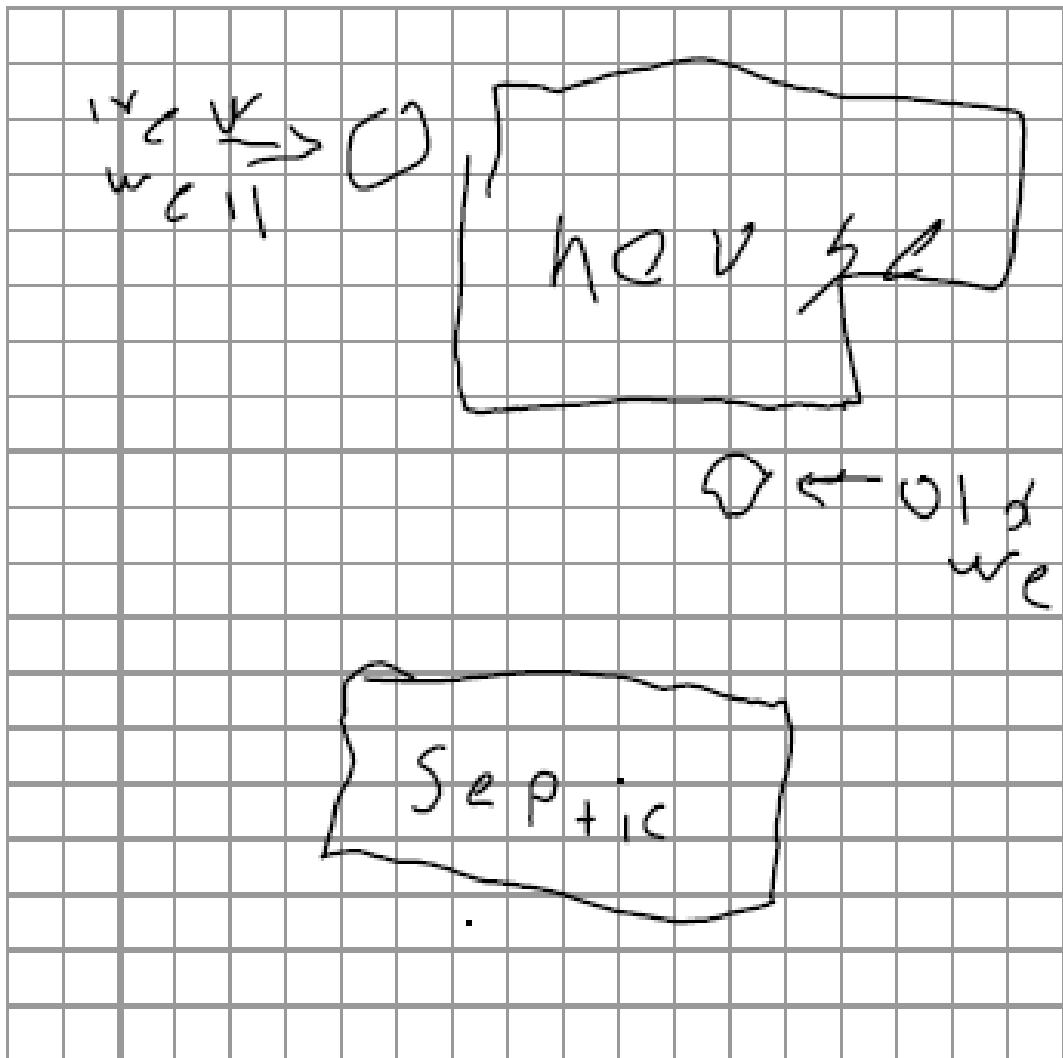
2020-NST-CW33

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7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
 - b) location of existing and proposed project, including distances to watercourses and lot lines
 - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
 - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 9 Concession: 10 Former Township: finch



2020-NST-CW33

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2019 Project Rating for Well Decommissioning

Project Code: 2020-NST-CW33

Project Type: Well Decommission

Rep: Rene Lalonde

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of well	Dug - Stone - Tiles	Bored - ☒ Drilled	Sandpoint	3	2
2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2	<100m OR WHPA A OR IPZ 1	100m - 300m ^{60'} OR WHPA B OR IPZ 2	>300m	4	4
3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards	E.g. No cover, grade sloping towards well, open annular spacing around casing OR Water Quality samples indicating contamination	E.g. No cover, above grade	good E.g. Covered, above grade, no annular spacing around casing	5	2
4. Distance to closest contamination source (e.g. barn, street or driveway run off)	<15m	15m - 30m	>30m	3	3
5. Subwatershed health score and priority subwatershed	Poor	<u>Fair</u>	Good	4	4 3
6. Reps overall score				3	3
Sub Total Score				22	17
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: _____

Other notes: _____