



RFQ 2026-02 Request for Quotation Sewage Systems Supply & Installation

1. Project Overview

The Municipality is requesting quotations for the **supply and installation of two (2) complete sewage systems as per the approvals and documentation provided with the RFQ** for the property described below. The systems must comply with all applicable **local, provincial, and environmental regulations**.

2. Property Information

- Property Address: 4855 Hwy 520 Magnetawan, ON P0A 1P0

3. Deliverables

Your quotation should include:

- Itemized cost breakdown (materials, labour, testing, etc.)
- Estimated project timeline (start to completion)
- Warranty details (materials and workmanship)
- Assumptions or exclusions
- Proof of licensing and insurance
- Confirmation of regulatory compliance

4. Pricing

Please provide pricing in the following format:

- Total Project Cost plus HST:

5. Submission Details

- RFQ Contact Name: CAO/Clerk Kerstin Vroom
- Email: kvroom@magnetawan.com
- Quotation Due Date: **Tuesday March 17, 2026**
- Submission Method: Hard copy submissions can be sent or dropped off in person to 4304 Hwy 520 Po Box 70 Magnetawan, ON P0A 1P0. Electronic submissions will be accepted in response to this RFQ. Electronic Submissions are to be submitted to the email address shown above. Please submit your proposal in one PDF document. If you are submitting more than one proposal, please only send one submission per email. Electronic submissions will not be reviewed until the proposal opening date.

9. Evaluation Criteria

Quotations will be evaluated based on:

- Compliance with requirements
- Cost competitiveness
- Contractor experience and references
- Timeline

NOTICE OF APPROVAL



Enclosed is the authorized BUILDING PERMIT to install an On-site sewage system. If you have any questions pertaining to this permit, please contact the Inspector.

The BUILDING PERMIT has an **EXPIRATION DATE** and allows a specific type of On-site sewage system to be installed in an approved location. Changes in type of system, location or major components are **NOT** permitted without approval prior to the installation.

After the system is installed, it **MUST** be inspected **PRIOR** to backfilling and again after the completion of backfilling (including topsoil & seed/sod). If it is found to be satisfactory and ALL requirements (including filter graph(s), maintenance agreements, authorizations, etc.) are received, a NOTICE OF COMPLETION will be issued. It is a contravention of the Ontario Building Code to install and use a system for which a permit and subsequent Notice of Completion has **NOT** been issued.

If you hire a contractor to install your system, ensure that they are properly licensed, that they are advised of the exact location of all property lines, wells etc.

If you have any questions or concerns, please call the Parry Sound office at the number below.

Sincerely,

The North Bay-Mattawa Conservation Authority

ON-SITE SEWAGE SYSTEM



BUILDING PERMIT

THIS WORK IS AUTHORIZED

PERMIT #
CR0-01-26

***** THIS PERMIT MUST BE POSTED ON SITE *****

Property owner Municipality of Magnetawan				
Property address 4855 Highway 520				
District of: <input type="checkbox"/> Nipissing		<input checked="" type="checkbox"/> Parry Sound		Municipality: Magnetawan
Assessment roll no. 4944-030-002-05012-0000				
Lot 1	Con. 8	Sub-lot	Plan	Parcel
<input checked="" type="checkbox"/> New construction <input type="checkbox"/> Replacement / alteration <input type="checkbox"/> Demolition <input checked="" type="checkbox"/> Conditional permit (see conditions)				
Class 4F Bed & Tank To service Proposed Firehall				
Description: <u>Vacant lot. CONDITIONAL PERMIT ISSUED, AMENDMENT TO BE SUBMITTED OR SITE VISIT TO BE SCHEDULED NO LATER THAN JUNE 30, 2026 TO CONFIRM SITE CONDITIONS. NO CONSTRUCTION TO BEGIN PRIOR TO THE INSPECTION.</u>				
<p>THIS WORK IS AUTHORIZED IN CONJUNCTION WITH THE APPROVED PLANS & SPECIFICATIONS</p> <p>MANDATORY INSPECTIONS: <input checked="" type="checkbox"/> Substantial Completion of Installation <input checked="" type="checkbox"/> Final Completion Inspection</p> <p>Please note it is a contravention of the Ontario Building Code to use a system that has not been completed, inspected and approved. A Notice of Completion <u>must</u> be issued prior to use.</p>				

NBMCA OFFICE USE ONLY	
Inspected and recommended by	Approved by
Date March 5, 2026	
Permit expiration date March 5, 2027	

INTENDED FOR RECIPIENT ONLY, NOT FOR DISTRIBUTION

Rev. 03/25

Property address 4855 Highway 520

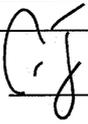
Schedule 4: Design Criteria

DESCRIPTION	DWELLING #1		BOATHOUSE		SLEEPING CABIN		Other: _____		# UNITS PER FIXTURE	FIXTURE UNITS
	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed		
Bathroom group (toilet, sink, tub/shower)									x 6 =	
Additional toilet									x 4 =	
Bathtub or shower(*)									x 1.5 =	
Additional sinks(**)									x 1.5 =	
Kitchen sink(**)									x 1.5 =	
Dishwasher									x 1 =	
Washing machine									x 1.5 =	
Laundry tub									x 1.5 =	
Other: _____										
FIXTURE UNITS									Total:	
FINISHED FLOOR AREA		m ²		m ²		m ²		m ²	Total:	m ²
# OF BEDROOMS									Total:	

* Tub/shower combos count as 1.5 units
 ** Sinks whether double or single count as 1.5 units

DESIGN FLOW CALCULATION TABLE				
Commercial Occupancies			Volume (L)	Flows
Factory (excluding process or cleaning waters) - per employee 8 hour shift	(a) No showers, or		75	
	(b) Including showers	24	125	3000

Daily Design Sewage Flow, Q = 3000 **liters/day A + (B or C or D)**

 **OFFICE USE ONLY**
 APPROVED _____ NOT APPROVED _____ DATE: March 5, 2026

Property address 4855 Highway 520

Schedule 5: Proposal to Construct

Propose to Construct a Class 4F sewage system to serve Proposed Firehall
(construct, install, alter, extend, enlarge, replace, etc.) (facility: e.g. single family dwelling, motel, etc.)

Is the land currently vacant? YES NO Additions / renovations proposed? YES NO

If replacing, is there a permit for the system on the property? YES NO Permit # _____

Is the existing system failing? YES NO Explain: _____

Is there more than one system on the property? YES NO Permit # CRO-02-26

Will the proposed system service more than one building? YES NO List: _____

Provide **proposed** information rather than minimum requirements:

Class 2 Greywater Pit **Class 3 Cesspool** (For flow calculations see OBC Part 8, 8.4.1.2(2): Q cannot exceed 1000 L/D)

Type of Class 1 on site: Privy Composting Chemical Other: _____

Wall structure: Cement block Rock Wood Other: _____

Sidewall area: m² Length: m Width: m Depth: m Type of cover: _____

Septic Tank **Class 5 Holding Tank** **Treatment Unit** **Digester Tank**

New Use existing Size _____ Permit # _____ Level II Level III Level IV

Proposed working capacity: 9000 Liters Make / Model of treatment unit: _____

T-time (min/cm): 50 Method of subsurface detection: STEEL Pump required? No Effluent Raw TBD

Class 4F Filter Bed

Number of beds: 1 Bed area: 40 m²
 Raised height (above grade): 1.5 m Contact Area: 177 m²

Mantle loading area: 750 m² Native Imported Length 27.5 m x Width 27.5 m

Class 4 Trench Bed

Total length: _____ m Raised height (above grade): _____ m

Mantle loading area: _____ m² Native Imported Length _____ m x Width _____ m

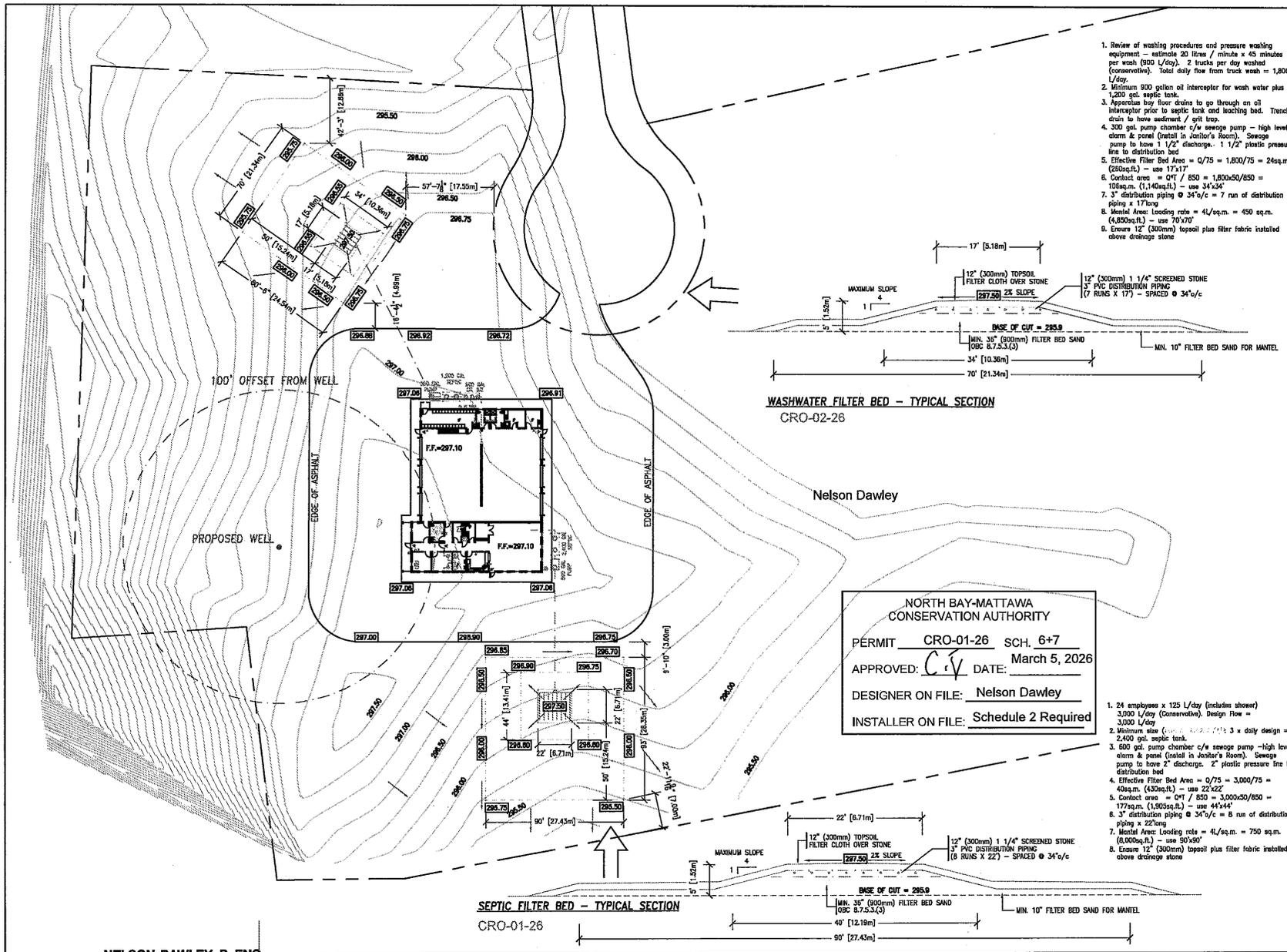
Type A / B

Stone area: _____ m² Sand area: Native (supply sieve analysis) Imported
 Sand area: _____ m² Raised height (above grade): _____ m

SBT / BNQ / BMEC / Other (Fill accordingly)

OFFICE USE ONLY

C.V. APPROVED _____ NOT APPROVED DATE: March 5, 2026



1. Review of washing procedures and pressure washing equipment - estimate 20 litres / minute x 45 minutes per wash (500 L/day). 2 trucks per day washed (conservative). Total daily flow from truck wash = 1,800 L/day.
2. Minimum 900 gallon oil interceptor for wash water plus 1,200 gal. septic tank.
3. Apparatus tray floor drains to go through an oil interceptor prior to septic tank and leaching bed. Trench drain to have sediment / grit trap.
4. 300 gal. pump chamber c/w sewage pump - high level alarm & panel (install in Janitor's Room). Sewage pump to have 1 1/2" discharge. 1 1/2" plastic pressure line to distribution bed.
5. Effective Filter Bed Area = 0.75 = 1,800/75 = 24sq.m. (260sq.ft.) - use 17x17"
6. Contact area = O/T / 850 = 1,800x50/850 = 106sq.m. (1,140sq.ft.) - use 34"x34"
7. 3" distribution piping @ 34"/c = 7 run of distribution piping x 17' long
8. Mantel Area: Loading rate = 4L/sq.m. = 450 sq.m. (4,850sq.ft.) - use 70'x70'
9. Ensure 12" (300mm) topsoil plus filter fabric installed above drainage stone

GENERAL NOTES

SITE PLAN TO BE READ IN CONJUNCTION WITH GREER GALLOWAY SITE PLAN DRAWINGS FOR SEPTIC ONLY. FOR ALL OTHER GRADING AND SITEWORK REFER TO GREER GALLOWAY DRAWINGS

■ REPRESENTS PROPOSED ELEVATIONS
■ REPRESENTS EXISTING ELEVATIONS

ALL ELEVATIONS IN METERS (m)
REFER TO GREER GALLOWAY DRAWINGS FOR BENCHMARK REFERENCE

CONTRACTOR TO SITE VERIFY ALL ELEVATIONS - VERIFY ANY DIFFERENCES WITH ENGINEER PRIOR TO WORK

REFER TO DAWLEY REPORT -- TO BE READ IN CONJUNCTION WITH THIS DRAWING



NOTE: 11 x 17 PRINTS ARE HALF-SCALE,
24 x 36 PRINTS ARE FULL-SCALE

NORTH BAY-MATTAWA
CONSERVATION AUTHORITY

PERMIT CRO-01-26 SCH. 6+7

APPROVED: C.V. DATE: March 5, 2026

DESIGNER ON FILE: Nelson Dawley

INSTALLER ON FILE: Schedule 2 Required

1. 24 employees x 125 L/day (includes shower) = 3,000 L/day (Conservative). Design Flow = 3,000 L/day
2. Minimum size (conservative) 3 x daily design = 2,400 gal. septic tank.
3. 600 gal. pump chamber c/w sewage pump -high level alarm & panel (install in Janitor's Room). Sewage pump to have 2" discharge. 2" plastic pressure line to distribution bed
4. Effective Filter Bed Area = 0.75 = 3,000/75 = 40sq.m. (430sq.ft.) - use 22'x22'
5. Contact area = O/T / 850 = 3,000x20/850 = 177sq.m. (1,900sq.ft.) - use 44'x44'
6. 3" distribution piping @ 34"/c = 8 run of distribution piping x 22' long
7. Mantel Area: Loading rate = 4L/sq.m. = 750 sq.m. (8,000sq.ft.) - use 90'x90'
8. Ensure 12" (300mm) topsoil plus filter fabric installed above drainage stone

NO.	DATE	DESCRIPTION	BY
1	05/09/25	MANTLE LENGTH INCREASED TO 90'	P.J.R.
2	05/09/25	ISSUED FOR APPROVAL	P.J.R.
3			
4			
5			
6			
7			
8			
9			
10			

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AND LOCAL BY-LAWS.

IDEAS
DOMM WELL BUILT
DOMM CONSTRUCTION LTD.
P.O. Box 93, Ayrton, Ontario, M0G 1G0 Ph. (519) 863-7858
Fax: (519) 863-7995

NELSON DAWLEY, P. ENG.
E-mail: dawleynd@lightson.ca
427 10th St. - Suite #3, Hanover, ON M4B 1P8
Ph. (519) 384-7837 Fax: (519) 384-7838

Municipality of Magnetawan
PROPOSED NEW FIRE HALL
MAGNETAWAN, ONTARIO

ISSUED FOR APPROVALS	GENERAL SEPTIC PLAN
DATE: 1" = 30'	DWG.# SP-1
DATE: MARCH 5, 2026	SHEET 1

NELSON DAWLEY, P. ENG.

ON-SITE SEWAGE SYSTEM

AMENDED



NORTH BAY - MATTAWA
CONSERVATION
AUTHORITY

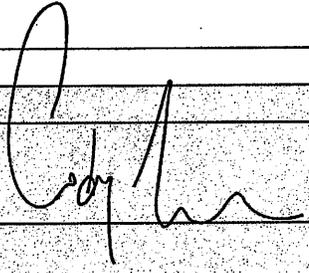
BUILDING PERMIT

THIS WORK IS AUTHORIZED

*** THIS PERMIT MUST BE POSTED ON SITE ***

PERMIT #
CRO-02-26

Property owner Municipality of Magnetawan			
Property address 4855 Highway 520			
District of: <input type="checkbox"/> Nipissing		<input checked="" type="checkbox"/> Parry Sound	
Municipality: Magnetawan			
Assessment roll no. 4944-030-002-05012-0000			
Lot 1	Con. 8	Sub-lot	Plan
Parcel			
<input checked="" type="checkbox"/> New construction <input type="checkbox"/> Replacement / alteration <input type="checkbox"/> Demolition <input checked="" type="checkbox"/> Conditional permit (see conditions)			
Class 4F Bed & Tank To service Firehall washwater station			
Description: <u>Vacant lot. CONDITIONAL PERMIT ISSUED, AMENDMENT TO BE SUBMITTED OR SITE VISIT TO BE SCHEDULED NO LATER THAN JUNE 30, 2026 TO CONFIRM SITE CONDITIONS. NO CONSTRUCTION TO BEGIN PRIOR TO THE INSPECTION.</u>			
THIS WORK IS AUTHORIZED IN CONJUNCTION WITH THE APPROVED PLANS & SPECIFICATIONS			
MANDATORY INSPECTIONS: <input checked="" type="checkbox"/> Substantial Completion of Installation <input checked="" type="checkbox"/> Final Completion Inspection			
Please note it is a contravention of the Ontario Building Code to use a system that has not been completed, inspected and approved. A Notice of Completion <u>must</u> be issued prior to use.			
Amendment March 12, 2026 			

NBMCA OFFICE USE ONLY	
Inspected and recommended by 	Approved by 
Date March 5, 2026	
Permit expiration date March 5, 2027	

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Rev. 03/25

Property address 4855 Highway 520

Schedule 4: Design Criteria

DESCRIPTION	DWELLING #1		BOATHOUSE		SLEEPING CABIN		Other: _____		# UNITS PER FIXTURE	FIXTURE UNITS
	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed		
Bathroom group (toilet, sink, tub/shower)									x 6 =	
Additional toilet									x 4 =	
Bathtub or shower(*)									x 1.5 =	
Additional sinks(**)									x 1.5 =	
Kitchen sink(**)									x 1.5 =	
Dishwasher									x 1 =	
Washing machine									x 1.5 =	
Laundry tub									x 1.5 =	
Other: _____										
FIXTURE UNITS									Total:	
FINISHED FLOOR AREA		m ²		m ²		m ²		m ²	Total:	m ²
# OF BEDROOMS									Total:	

* Tub/shower combos count as 1.5 units
** Sinks whether double or single count as 1.5 units

DESIGN FLOW CALCULATION TABLE				
Commercial Occupancies			Volume (L)	Flows
Warehouse	a) Per water closet, and		All Water Closets Accounted for in CRO-01-26 0	0
	b) Per loading bay		6	150 900

Daily Design Sewage Flow, Q = _____ USE 1800 _____ liters/day A + (B or C or D)

APPROVED _____ NOT APPROVED _____ OFFICE USE ONLY DATE: March 5, 2026

Property address 4855 Highway 520

Schedule 5: Proposal to Construct

Propose to Install a Class 4F sewage system to serve Proposed Firehall washwater
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Is the land currently vacant? YES NO Additions / renovations proposed? YES NO

If replacing, is there a permit for the system on the property? YES NO Permit # _____

Is the existing system failing? YES NO Explain: _____

Is there more than one system on the property? YES NO Permit # CRO-01-26

Will the proposed system service more than one building? YES NO List: _____

Provide proposed information rather than minimum requirements:

Class 2 Greywater Pit Class 3 Cesspool (For flow calculations see OBC Part 8, 8.4.1.2(2): Q cannot exceed 1000 L/D)

Type of Class 1 on site: Privy Composting Chemical Other: _____

Wall structure: Cement block Rock Wood Other: _____

Sidewall area: _____ m² Length: _____ m Width: _____ m Depth: _____ m Type of cover: _____

Septic Tank Class 5 Holding Tank Treatment Unit Digester Tank

New Use existing Size _____ Permit # _____ Level II Level III Level IV

Proposed working capacity: 5400 Liters Make / Model of treatment unit: _____

T-time (min/cm): 50 Method of subsurface detection: STEEL Pump required? No Effluent Raw TBD

Class 4F Filter Bed

Number of beds: 1 Bed area: 24 m²
 Raised height (above grade): 1.5 m Contact Area: 106 m²

Mantle loading area: 450 m² Native Imported Length 21.5 m x Width 21.5 m

Class 4 Trench Bed

Total length: _____ m Raised height (above grade): _____ m

Mantle loading area: _____ m² Native Imported Length _____ m x Width _____ m

Type A / B

Stone area: This m² Sand area: Native (supply sieve analysis) Imported
 Sand area: **AMENDMENT** Raised height (above grade): _____ m

supersedes previously issued page(s)

SBT / BNQ / BMEC / Other (Fill accordingly)

March 12, 2026

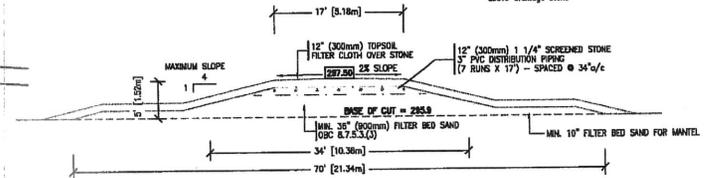
OFFICE USE ONLY

CJ APPROVED _____ NOT APPROVED _____ DATE: March 5, 2026

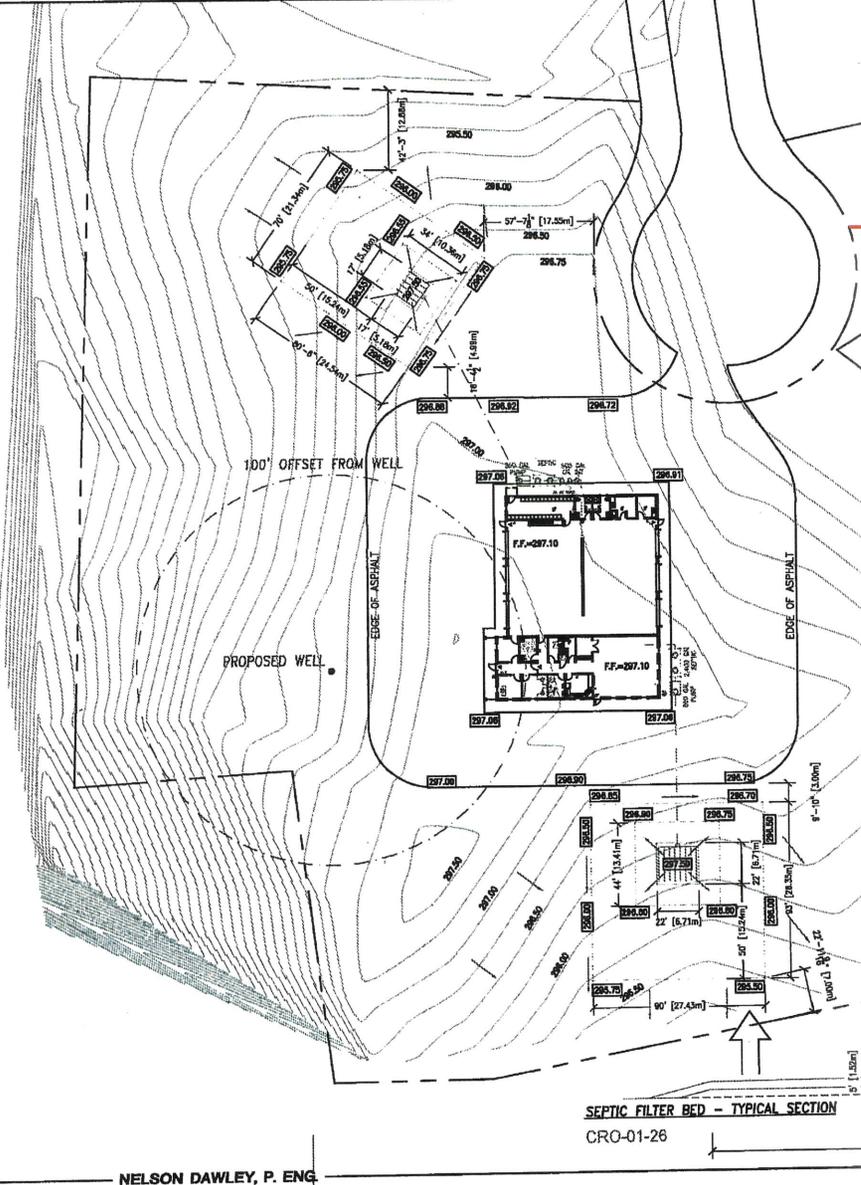
**This
AMENDMENT
supersedes previously
issued page(s)**

March 12, 2026

1. Review of washing procedures and pressure washing equipment - estimate 20 litres / minute x 45 minutes per wash (900 L/day). 2 trucks per day washed (conservative). Total daily flow from truck wash = 1,800 L/day.
2. Minimum 800 gallon oil interceptor for wash water plus 1,200 gal. septic tank.
3. Appurtenant bay floor drains to go through an oil interceptor prior to septic tank and leaching bed. Trench clean to new sediment / soil trap.
4. 300 gal. pump chamber c/w sewage pump - high level alarm & panel (located in Janitor's Room). Sewage pump to have 1 1/2" discharge. 1 1/2" plastic pressure line to distribution bed.
5. Effective Filter Bed Area = 0/75 = 1,800/75 = 24sq.m. (260sq.ft.) - use 17'x17'
6. Contact area = 0/1 / 850 = 1,800x50/850 = 105sq.m. (1,140sq.ft.) - use 34'x34'
7. 3" distribution piping @ 34 1/2"/c = 7 run of distribution piping x 17' long
8. Minimal Area Loading rate = 4L/sq.m. = 450 sq.m. (4,800sq.ft.) - use 70'x70'
9. Ensure 12" (300mm) topsoil plus filter fabric installed above drainage stone



WASHWATER FILTER BED - TYPICAL SECTION
CRO-02-26



Nelson Dawley

NORTH BAY-MATTAWA
CONSERVATION AUTHORITY

PERMIT CRO-02-26 SCH. 6+7

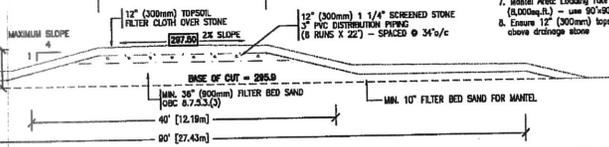
APPROVED: C.V. DATE: March 5, 2026

DESIGNER ON FILE: Nelson Dawley

INSTALLER ON FILE: Schedule 2 Required

SEPTIC FILTER BED - TYPICAL SECTION
CRO-01-26

1. 24 employees x 125 L/day (excludes shower) = 3,000 L/day (Conservative). Design Flow = 3,000 L/day
2. Minimum size (Conservative) 3 x daily design = 2,500 gal. septic tank.
3. 800 gal. pump chamber c/w sewage pump - high level alarm & panel (located in Janitor's Room). Sewage pump to have 2" discharge. 2" plastic pressure line to distribution bed.
4. Effective Filter Bed Area = 0/75 = 3,000/75 = 40sq.m. (430sq.ft.) - use 22'x22'
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GENERAL NOTES

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REPRESENTS PROPOSED ELEVATIONS
 REPRESENTS EXISTING ELEVATIONS

ALL ELEVATION IN METERS (m) REFER TO GREER GALLOWAY DRAWINGS FOR BENCHMARK REFERENCE

CONTRACTOR TO SITE VERIFY ALL ELEVATIONS - VERIFY ANY DIFFERENCES WITH ENGINEER PRIOR TO WORK

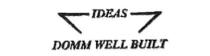
REFER TO DAWLEY REPORT - TO BE READ IN CONJUNCTION WITH THIS DRAWING



NOTE: 11 x 17 PRINTS ARE HALF-SCALE,
24 x 36 PRINTS ARE FULL-SCALE

NO.	DATE	DESCRIPTION	BY
1	02/05/24	MAJOR LAYOUTS DECREASED TO 80'	S.B.A.
2	02/05/24	SHOWN FOR APPROVAL	S.B.A.

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AND LOCAL BY-LAWS.



DOMM CONSTRUCTION LTD.

P.O. Box 90, Ayr, Ontario, M0R 1D0 Ph: (519) 882-7868 Fax: (519) 882-7869

NELSON DAWLEY, P. ENG.

E-mail: ndawley@nigelmar.ca
427 10th St., Suite #1, Hanover, ON N4H 1P8
Ph: (519) 364-7837 Fax: (519) 364-7838

Municipality of Magnetawan
PROPOSED NEW FIRE HALL

ISSUED FOR APPROVALS	GENERAL SEPTIC PLAN
DATE: MARCH 5, 2026	DWG.# SP-1

NELSON DAWLEY, P. ENG.