

Lorne & Joyce Bowman MDS II 26

General information

Application date
Sep 23, 2026

Municipal file number

Applicant contact information
Lorne Bowman

Location of subject livestock facilities
County of Grey
Township of Southgate
EGREMONT
Concession 1, Lot 10
Roll number: 4207060003002000000

Notes
312513 HWY 6
DURHAM ON N0G 1R0

Calculations

Farm A

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum	Total after alteration	Estimated livestock barn area
Liquid	Swine, Feeders (27 - 136 kg), Full Slats	0 (0 NU)	1941 (369.7 NU)	1858 m²

Setback summary

Existing manure storage	V5. Liquid, inside, underneath slatted floor		
Existing design capacity	0 NU		
Design capacity after alteration	369.7 NU		
Factor A (odour potential)	1.2	Factor B (design capacity)	498.99
Factor C (orderly expansion)	1.14	Factor D (manure type)	0.8
Building base distance 'F' (A x B x C x D) (minimum distance from livestock barn)			547 m (1795 ft)
Storage base distance 'S' (minimum distance from manure storage)			547 m (1795 ft)

Setback distance summary

Description	Building setbacks		Storage setbacks	
Type A land uses	Minimum 547 m (1795 ft)	Actual 453 m (1487 ft)	Minimum 547 m (1795 ft)	Actual 453 m (1487 ft)
Type B land uses	Minimum 1094 m (3589 ft)	Actual 2000 m (6562 ft)	Minimum 1094 m (3589 ft)	Actual 2000 m (6562 ft)
Nearest lot line (side or rear)	Minimum 30 m (98 ft)	Actual 91 m (300 ft)	Minimum 30 m (98 ft)	Actual 91 m (300 ft)
Nearest road allowance	Minimum 60 m (197 ft)	Actual 406 m (1331 ft)	Minimum 60 m (197 ft)	Actual 406 m (1331)

Preparer signoff & disclaimer

Preparer contact information

Adrien Martin

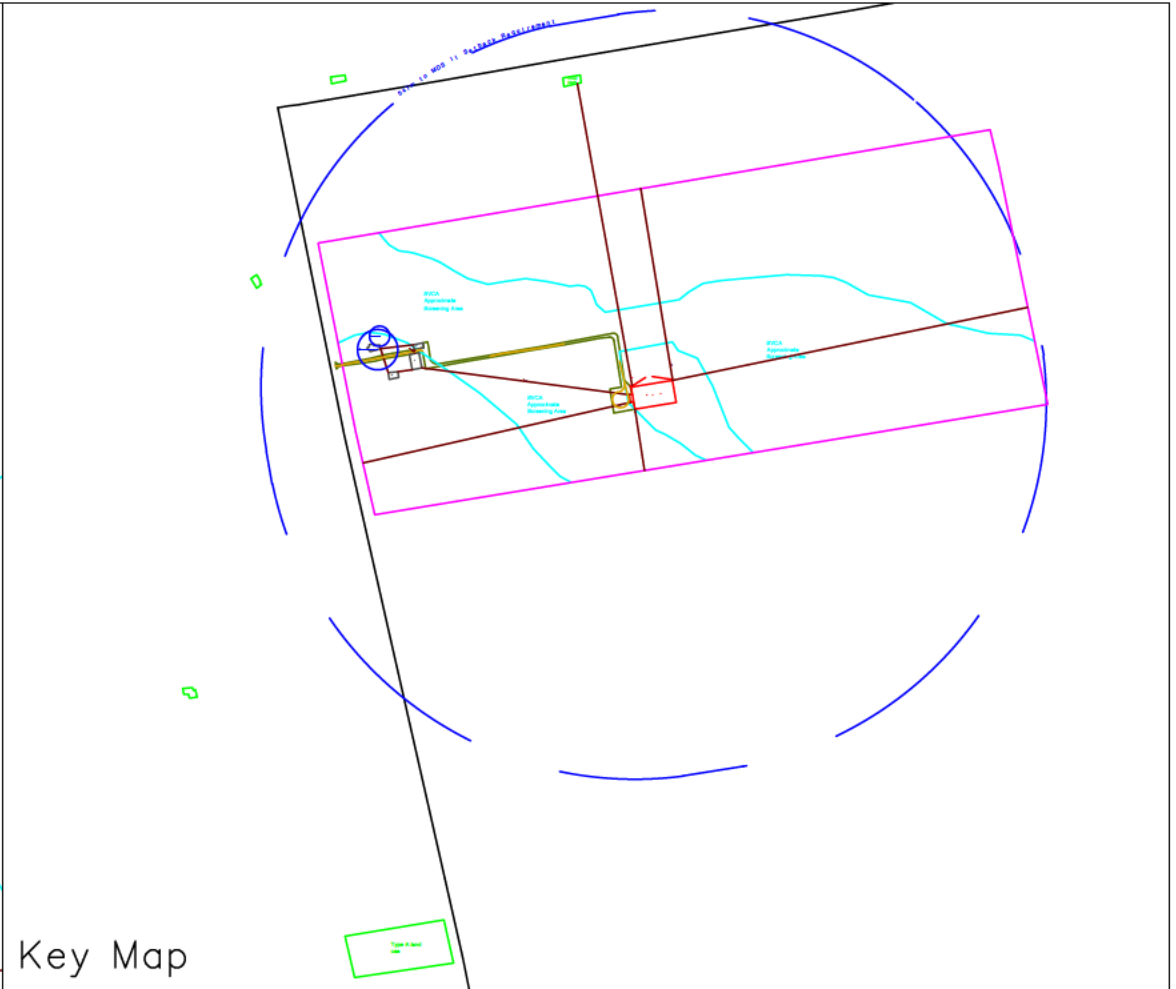
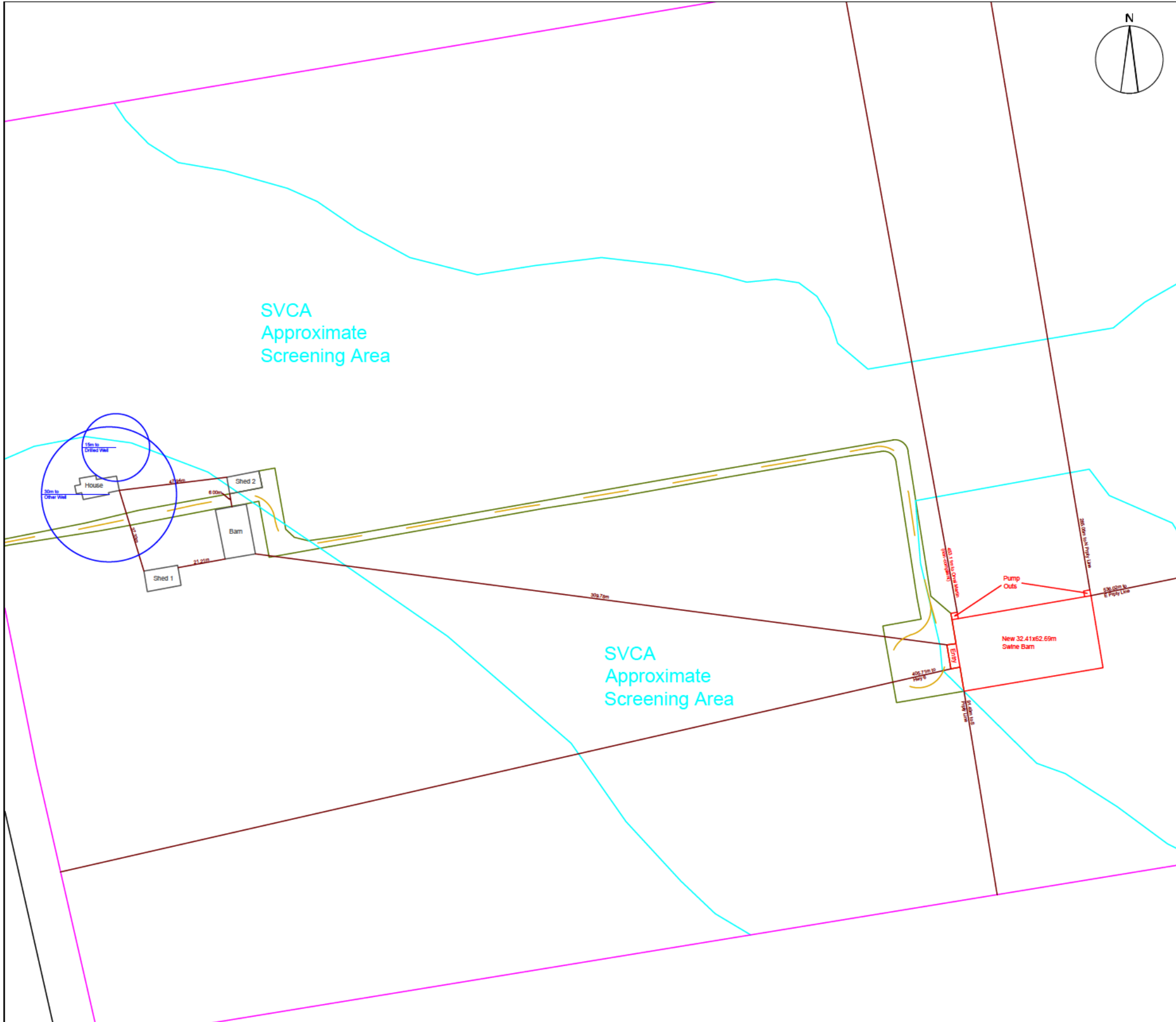


Signature of preparer

Adrien Martin	Date (Month-Day-Year)

Note to the user

The Ontario Ministry of Agriculture, Food and Agribusiness (OMAFRA) has developed this software program for distribution and use with the Minimum Distance Separation (MDS) Formulae as a public service to assist farmers, consultants, and the general public. This version of the software distributed by OMAFRA will be considered to be the official version for purposes of calculating MDS. OMAFRA and Adrien Martin not responsible for errors due to inaccurate or incorrect data or information; mistakes in calculation; errors arising out of modification of the software, or errors arising out of incorrect input of data. All data and calculations should be verified before acting on them. These calculations are provided to the municipality as a courtesy but do not exempt the municipality from responsibility.



FIRE ROUTE - OBC 2.2.4.1
THE DESIGN AND LOCATION OF ROADWAY OR YARD SHALL TAKE INTO ACCOUNT CONNECTION WITH PUBLIC THOROUGHFARES, WEIGHT OF FIREFIGHTING EQUIPMENT, WIDTH OF ROADWAY, RADIUS OF CURVES, OVERHEAD CLEARANCE, LOCATION OF FIRE HYDRANTS, LOCATION OF FIRE DEPARTMENT CONNECTIONS AND VEHICULAR PARKING.

- DIRECT ACCESS TO SIDEROAD 18
- DESIGNED TO SUPPORT EXPECTED LOADS OF FIRE TRUCK
- FINISHED SURFACE OF CONCRETE, ASPHALT OR OTHER MATERIAL (GRAVEL) DESIGNED TO PERMIT ACCESSIBILITY UNDER ALL CLIMATIC CONDITIONS.
- 3.5M EXISTING DRIVEWAY, 6M PROVIDED IN YARD AND TURNAROUND
- 12M TURN RADIUS
- ENSURE TREE BRANCHES AND ANY OTHER OBSTRUCTION CLEARED TO MIN 5M HEIGHT
- ROUTE SHALL REMAIN CLEAR OF OBSTRUCTIONS AND VEHICLES AT ALL TIMES
- ALL SPECIFICATIONS NOTED SHALL BE VERIFIED AND APPROVED BY LOCAL FIRE DEPARTMENT

New Barn - 2,089.8 m²
House - 145.04 m²
Shed 1 - 139.64 m²
Shed 2 - 108.36 m²
Existing Barn - 309.96 m²

Total Building Coverage - 2,792.8 m²



NOTES	- This site plan is to depict location of building and spatial separations to confirm compliance to requirements of the Ontario building code and MDS guideline and does not replace a legal survey.			Township: Southgate Geotownship: Egremont Concession: 1 Lot: 10 Roll Number: 4207060003002000000	 x17	REFERENCE		New Swine Barn & Under-Barn Liquid Storage 312513 Hwy 6 Durham				
						DRAWN Adrien Martin 09/23/2026		DRAWING No. —		SHEET: 1/1		
						CLIENT: Lorne Bowman						
						CLIENT REF: 						
	V1	Site Drawing	09/23/26	Scale 1:.5								
	REV	DESCRIPTION	DATE									