

- REQUIRED SEPTIC SYSTEM SEPARATION DISTANCES:**
- 1) Septic tank to structures = 1.5 m (min)
 - 2) Septic tank unit to well = 15 m (min)
 - 3) Septic tank unit to property line = 3 m (min)
 - 4) Distribution pipe to structures = 7.4 m (min)
 - 5) Distribution pipe to property line = 5.4 m (min)
 - 6) Distribution pipe to drilled well = 17.4 m (min)

PROPOSED ELJEN SYSTEM
 6 RUNS OF 17 A-42 MODULES
 SPECIFIED SAND AREA = 362 sq.m. (min)
 (see Figures 2 and 3 for further details)

38 mm Ø Forcemain (SDR 26)
 (recommended to be insulated where passing under proposed ditch)

PROPOSED BALANCING TANK
 (min. 9000 litres)
 c/w 1/2 HP Effluent Pump (x2) and
 Timed Dosing Panel

INV @ INLET = ± 129.2
PROPOSED SEPTIC TANK
 (min. 7,400 litres)

FORCEMAIN TO BE ADEQUATELY BEDDED. RECOMMENDED THAT THE PIPE BE INSTALLED THROUGH A PROTECTIVE SLEEVE (i.e. IPEX pipe)

PROPOSED 50 mm FORCEMAIN
 (Insulation and/or heat tracing recommended)

PROPOSED 200 gal PUMP CHAMBER
 (c/w 1/2 HP effluent pump - demand dose)

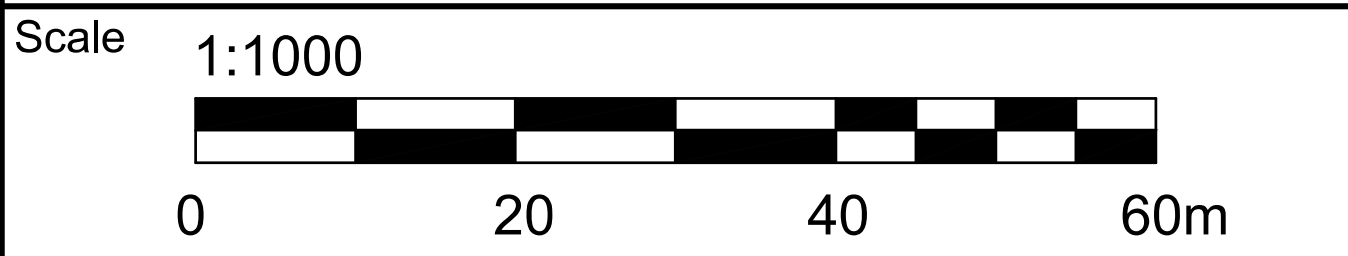
PROPOSED SEPTIC TANK
 (min. 21,600 litres)

LEGEND

- x 99.99 EXISTING GROUND SURFACE ELEVATION
- 99.99 PROPOSED GROUND SURFACE ELEVATION, METRES
- FF ELEVATION FINISHED FLOOR

NOTES

1. ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL, AND LOCAL AUTHORITY STANDARDS AND REGULATIONS WHERE APPLICABLE, AND IN ACCORDANCE WITH ACCEPTED INDUSTRY BEST PRACTICE.
2. INFORMATION PROVIDED ON THE PLAN IS BASED ON INFORMATION REASONABLY AVAILABLE AND/OR PROVIDED TO HOULE CHEVRIER ENGINEERING LTD AT THE TIME OF DESIGN. THE CONTRACTOR/OWNER IS TO VERIFY THE ACCURACY OF THE INFORMATION CONTAINED HEREIN REGARDING, BUT NOT LIMITED TO, ELEVATIONS, DIMENSIONS, SETBACKS, EASEMENTS, UTILITY LOCATIONS AND DETAILS, ...ETC., AND REPORT ANY ERRORS OR OMISSIONS TO HOULE CHEVRIER ENGINEERING LTD.
3. THE LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES MAY NOT BE DISPLAYED ON THIS PLAN AND, WHERE SHOWN, THEIR POSITIONS MAY NOT BE ACCURATE. IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO LOCATE SUCH UTILITIES PRIOR TO COMMENCING WORKS. HOULE CHEVRIER ENGINEERING LTD. DOES NOT ASSUME LIABILITY FOR DAMAGE TO SERVICES, UTILITIES, AND STRUCTURES DURING CONSTRUCTION OPERATIONS.
4. IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO ENSURE THAT THE PLAN USED FOR CONSTRUCTION IS AN APPROVED AND LATEST VERSION.
5. DIMENSIONS AND ELEVATIONS DISPLAYED ON THIS PLAN ARE IN METRES. THIS IS NOT A PLAN OF SURVEY. THIS PLAN IS NOT TO BE SCALED, ALTERED OR REPRODUCED AND IS INTENDED FOR USE ONLY IN RELATION TO THE PROJECT FOR WHICH IT WAS PREPARED.
6. THIS PLAN SHOULD BE USED IN CONJUNCTION WITH RELEVANT DOCUMENTS, PLANS, AND DETAILS PREPARED BY HOULE CHEVRIER ENGINEERING LTD.
7. SOIL AND GROUNDWATER CHARACTERISTICS WERE IDENTIFIED AT TEST PIT LOCATIONS ONLY AND MAY VARY BEYOND THE TEST LOCATIONS.
8. THE APPROVED SEPTIC SYSTEM DESIGN AS PREPARED BY HOULE CHEVRIER ENGINEERING LTD. MEETS ALL ONTARIO BUILDING CODE REQUIREMENTS AND MANUFACTURER SPECIFICATIONS IN EFFECT AT THE TIME THE DESIGN WAS PREPARED. HOULE CHEVRIER ENGINEERING LTD. DOES NOT WARRANT THE PERFORMANCE OR DURABILITY OF THE PROPOSED SEPTIC SYSTEM AND ITS COMPONENTS OR ASSUME LIABILITY FOR ANY DEFECTS OR ADVERSE PERFORMANCE CONCERNING THE PROPOSED SEPTIC SYSTEM.



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Location 2413 RUSSETT DR. TOWNSHIP OF MCNAB/BRAESIDE, ON

Drawn by MR Chkd by ACU SEPTIC SYSTEM DESIGN SITE PLAN

Date OCTOBER 6, 2017 Rev. 1 **FIGURE 1**

REVISION	DATE	DESCRIPTION
0	July 6, 2017	PLANS ISSUED TO CLIENT.
1	9/8/2017	REVISED LOCATION OF SEWER OUTLET/TANK AT PERNEEL BLG
2	10/05/2017	ISSUED FOR TENDER OCTOBER 6TH, 2017