

**Property Info**

153m2 Residential dwelling

- 4 bedrooms
- 3 bathrooms (6)
- 1x kitchen (1.5)      **Only 1 kitchen permitted in dwelling, as per CZBL 2014-014.**
- 2 laundry (1.5)
- 1 sink (1.5)

2000L/day  
+ 275

Total Fixtures:      25.5  
Daily Flow:            2275L/day  
Proposed:               2400L/day  
Req. Septic tank size: 4800L  
Proposed Tank size:    5600L

**Design Calculations**

- 1) Septic Tank - 5600L
- 2) Soil = 12min/cm
- 3) Filter Bed  

$$\frac{2400(12)}{850} = 33.8m^2$$

$$\frac{2400}{75} = 32m^2$$

$$\frac{240}{10} = 240m^2 \text{ (Native)}$$
- 4) Proposed  
6 x 6m Filter bed with total area of 36m<sup>2</sup>

**Installation**

- 1500Gal Roth twin chamber tank w/ safety lids
- imported specified filter sand for contact and surface area
- 25mm washed stone for Contact area
- 75mm perforated pipe distribution x 6 @ 1m OC
- 100mm sanitary connections
- 10mm rebar at all ends detectable by magnetic means
- geo-textile over stone area prior to topsoil backfill

**Clearances**

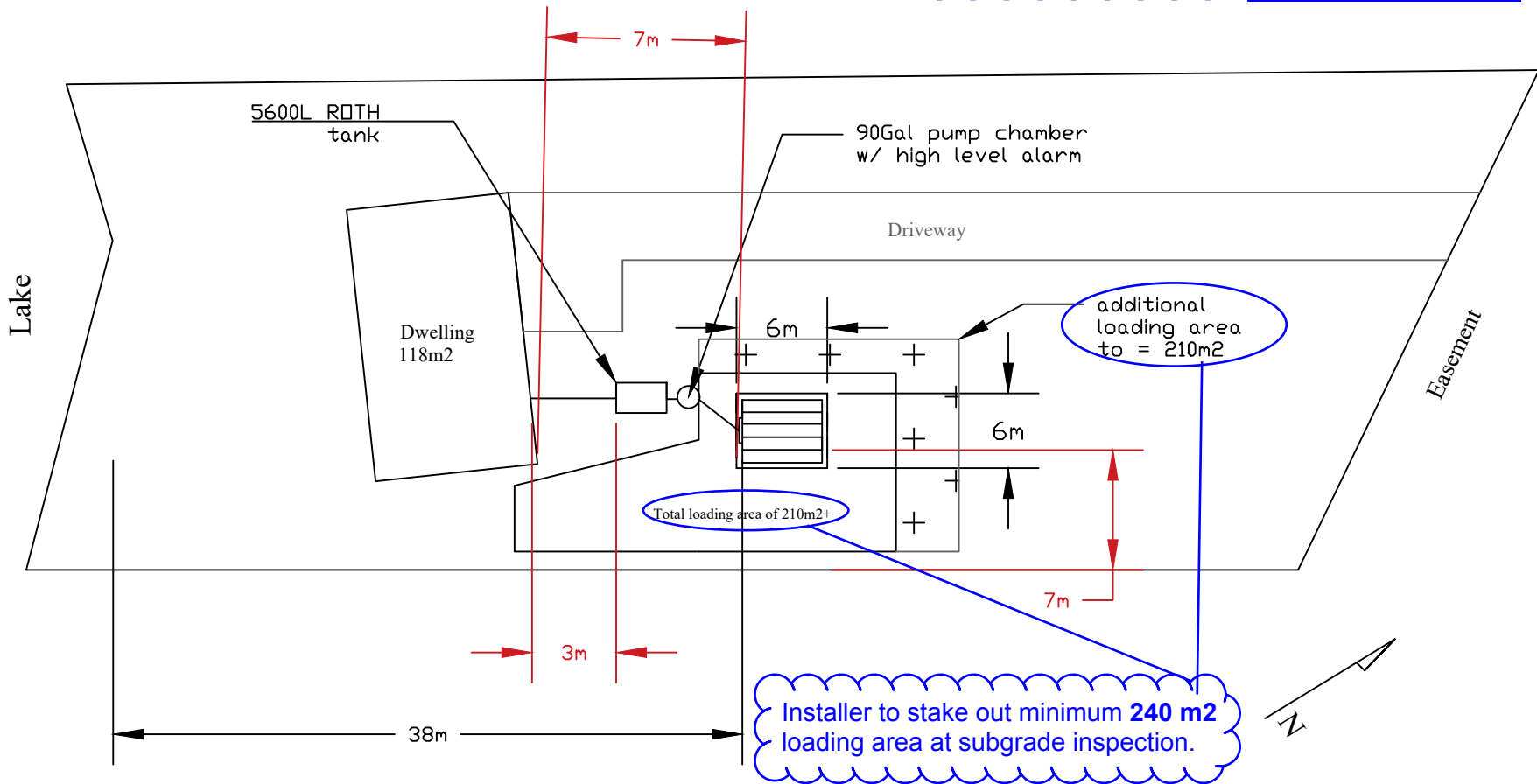
- Distribution pipes to dwelling : 7m
- Property line : 7m
  - High water mark 38m
  - Well: N/A (lake water)
  - Any other wells: beyond 30m

**Notes**

Revisions	Rev Note	Drawn on: 5-May-25	Canadian Sanitation 1000485420 Ontario inc. 8963 hwy 93, Midland L4R 4K4, ON www.canadiansanitationinc.ca	Project: 21 Beaumont bay				
	may <sup>5</sup> / <sub>25</sub> - 1600 - 2400L/day			Checked: Brock Peel	Drawing: Septic Calcs			
					Client: The Maule grp	BCIN: 122829	01	N/A
						FIRM: 129113		



Replaces WA-15-97.



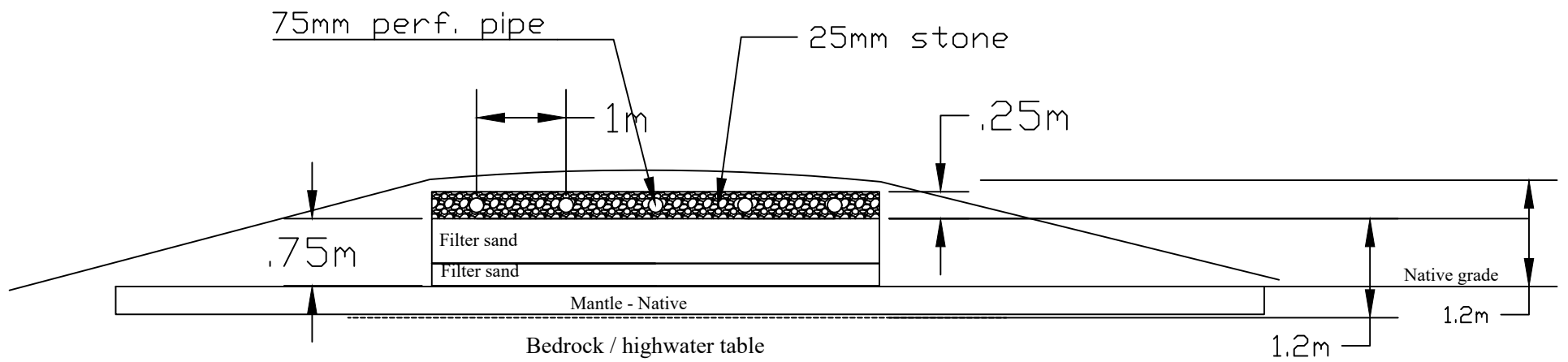
Rev	Note		
may <sup>5</sup> / <sub>25</sub>	- 1600 - 2400L/day		

Revisions

Drawn on: 5-May-25  
 Checked: Brock Peel  
 Client: The Maule grp.

Canadian Sanitation  
 1000485420 Ontario inc.  
 8963 hwy 93, Midland L4R 4K4, ON  
 www.canadiansanitationinc.ca

Project: 21 Beaumont bay  
 Drawing: Existing - Site plan  
 BCIN: 122829  
 FIRM: 129113  
 02  
 N/A



Rev Note			
may <sup>5</sup> / <sub>25</sub> - 1600 - 2400L/day			
Revisions			

Drawn on: 5-May-25  
 Checked: Brock Peel  
 Client: The Maule grp

Canadian Sanitation  
 1000485420 Ontario inc.  
 8963 hwy 93, Midland  
 L4R 4K4, ON  
 www.canadiansanitationinc.ca

Project: 21 Beaumont bay  
 Drawing: Septic elevation  
 BCIN: 122829  
 FIRM: 129113  
 03  
 N/A