

BUILDING PERMIT APPLICATION – ONSITE SEWAGE SYSTEM SCHEDULE 3B- DESIGN CRITERIA

PLUMBING SPECIFICATIONS – FOR ALL BUILDINGS TO BE SERVICED BY THE PROPOSED SEWAGE SYSTEM

DESCRIPTION	# UNITS PER FIXTURE	DWELLING #1		DWELLING #2		SLEEPING CABIN		OTHER		TOTAL FIXTURE UNITS
		Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	
Toilet	4									
Wash Basin (Lavatory)	1									
Bathtub or Shower	1.5									
Shower Stall	1.5									
Bathroom Group	6									
Kitchen Sink (single or double)	1.5									
Bar Sink	1									
Washing Machine	1.5									
Garbage Grinder	*See Note*									
Other										
TOTAL FIXTURE UNITS										
FINISHED FLOOR AREA										
# OF BEDROOMS										

NOTE: GARBAGE GRINDER – 2.5 x DAILY FLOW FOR SEPTIC TANK SIZING

TOTALS Calculated Flow Rate (see Design Flow Chart Appendix A)

Bedrooms _____ → _____ L/day (see associated flow rate in Appendix A)
 # Fixture Units (FU) _____ → _____ L/day (50L./FU >20 FU see Appendix A)
 Floor Area _____ → _____ L/day (100 L./10 m²>200 m² see Appendix A)

Total Daily Sewage Flow Q = _____ L/day [bedroom flow rate (up to 2,500L/day) + highest calculated rate]

PROPOSAL TO CONSTRUCT SEWAGE SYSTEM

Class 2 Leaching Pit -- see handout (200 L./fixture unit (pressurized) cannot exceed 1,000 L./day)

Side wall Loading rate (litres/day /sq.m.) = 400/T Lr = 400/ _____ = _____ sq. m. of sidewall

Design details: _____

Class 4 Sewage System - septic tank and or leaching bed (filter or trench bed see Schedule 4C (next page)

Tertiary Treatment Unit – BMEC approval & Literature (specs for unit) must be submitted with application

Make/model _____ Flow Rate _____ L./day Alarm _____ (mech. systems)

Raised Height _____ metres. Stone Area _____ m² Sand Area _____ m²

Class 5 Holding Tank – Requirements: Audio/Visual Alarm & 3” venting

Q = _____ x 7 = _____ L Tank Size Proposed _____ L

District of Muskoka Approval _____ Pump Out Contract _____ (approval and contract required prior to submission)