BUILDING PERMIT APPLICATION – ONSITE SEWAGE SYSTEM

SCHEDULE 3A – SOIL & WATER TABLE INFORMATION (Minimum depth of test pit: 1 metre)

DATE :		TEST PIT - Sub-surface conditions encountered						
		APPLICAN	T'S USE	INSPECTOR'S USE				
		Soil Type	"T" Time	Soil Type	"T" Time			
Existing grade	Depth (m)							
Rock & G.W.T.	- 0 -							
	- 0.25 -							
	- 0.50 -							
	- 0.75 -							
	- 1.00 -							
	- 1.25 -]						
	- 1.50 -]						

LEGEND: (Elevations based on existing grade) (Note: proposed revised grades must be noted on site plan and cross-section)

BR – bedrock or impervious soil (min. 0	m – metres	
GWT- ground water table	EG – existing grade Note pro	posed grade (PG) if applicable
HGWT – high ground water table (min. 0	.9 metres to bottom of stone)	"T" – percolation rate (min/cm)

SEWAGE SYSTEM DESIGN CRITERIA (Based on above details):

Sewage System minimum	1.5m GWT or bedrock of	depth = Minimum raised	height of bed
raised height above grade	1.5m	=	_(raised height of system)

WATER SUPPLY (PROPOSED OR EXISTING):

Municipal	Dug Well	Drilled Well	Shallow or	Other	Specify:	
			Sand Pt.			

INSPECTORS REPORT:

	LEACHING BED DESIGN CRITERIA
Date of Inspection:	Depth to rock/impervious soil
day/month/year	
	1.5(Bedrock/Clay) =metres
a.m.	Design HGWT
p.m.	
	1.5M –(HGWT encountered) =metres
Weather	Site to be scarified yes no
Representing Owner:	Sub-grade inspection yes no
	Mantle yes no
Design "T" min/cm	
Percolation test required yes no	Inspected and Recommended by:
Grain size analysis required yes no	
(if yes, see addendum)	

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

DESCRIPTION	# UNITS	DWELL	.ING #1	DWELL	ING #2	SLEEPIN	G CABIN	OTH	IER	TOTAL FIXTURE UNITS
	PER FIXTURE	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 UNIT	S									
FINISHED FLOOR ARE	EA									
# OF BEDROOMS										
*	NOTE: G	ARBAG	E GRIN	DER – 2.	5 x DAIL	Y FLOW	FOR SE	EPTIC TA	NK SIZI	NG*
	TOTAL	S	Calculate	ed Flow Ra	ate (see D	Design Flo	w Chart	Appendix	A)	
					ay (see			e in Appe		
Fixture Units (FU oor Area tal Daily Sewage)	$ \rightarrow $		L/d L/d	<u>ay</u> (see) <u>ay</u> (50L <u>ay</u> (100 <u>ay</u> [bed	/FU >20 I) L./10 m ² >	FU see A _l >200 m ² s	e in Appe opendix A ee Appen to 2,500L/) dix A)	ghest
Fixture Units (FU oor Area tal Daily Sewage)	$ \rightarrow $	3C)	L/d L/d	<u>ay</u> (see <u>ay</u> (50L <u>ay</u> (100 <u>ay</u> [bed calc	/FU >20 I) L./10 m ² > room flow ulated rate	FU see A _l >200 m ² s rate (up e]	opendix A ee Append to 2,500L/) dix A)	ghest
Fixture Units (FU oor Area tal Daily Sewage) Flow Q or design S	→ → = Schedule	3C) PROPO	L/d L/d L/d	<u>ay</u> (see ay (50L ay (100 ay [bed calc ONSTRU	/FU >20 I) L./10 m ² > room flow ulated rate CT SEWA	FU see A _l >200 m ² s rate (up e] <u>GE SYST</u>	opendix A ee Append to 2,500L/ EM) dix A) day) + hig	
Fixture Units (FU foor Area Intal Daily Sewage Iow to be used fo) Q Flow Q or design S <u>aching Pit</u> e wall Load	= ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒ ⇒	3C) PROPO ndout (20	<u>L/d</u> <u>L/d</u> SAL TO C OO L./fixtur sq.m.) = 40	<u>ay</u> (see <u>ay</u> (50L ay (100 <u>ay</u> [bed calc <u>ONSTRU</u> e unit (pr	/FU >20 I) L./10 m ² > room flow ulated rate <u>CT SEWA</u> essurized	FU see A _I >200 m ² s rate (up e] <u>GE SYST</u>) cannot e	ee Appendix A ee Append to 2,500L/ EM exceed 1,0) dix A) /day) + hig 000 L./day	
Side) Flow Q or design S aching Pit e wall Load	see ha	3C) PROPO ndout (20 tres/day /s	<u>L/d</u> <u>L/d</u> SAL TO C 00 L./fixtur sq.m.) = 40	<u>ay</u> (see <u>ay</u> (50L <u>ay</u> (100 <u>ay</u> [bed calc <u>ONSTRU</u> e unit (pr 0/T Lr = 4	/FU >20 I) L./10 m ² > room flow ulated rate <u>CT SEWA</u> essurized	FU see A _I 200 m ² s rate (up e] <u>GE SYST</u>) cannot e	ee Appendix A ee Append to 2,500L/ EM exceed 1,0) dix A) /day) + hig /000 L./day dewall	')
Fixture Units (FU foor Area Intal Daily Sewage Iow to be used for Class 2 Lea Side Design deta) Flow Q or design S aching Pit e wall Load ails: vage Syste	see ha	3C) PROPO ndout (20 tres/day /s	L/d L/d SAL TO C OO L./fixtur sq.m.) = 40	ay (see ay (50L ay (100 ay [bed calc ONSTRU e unit (pr 0/T Lr = 4 hing bed	./FU >20 I) L./10 m ² > room flow ulated rate <u>CT SEWA</u> essurized 400/ (filter or tr	FU see A _I >200 m ² s rate (up e] <u>GE SYST</u>) cannot e _=s ench bed	ee Appendix A ee Append to 2,500L/ EM exceed 1,0 eq. m. of sid see Sche) dix A) /day) + hig /00 L./day dewall dule 4C (i	') next page)
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Fixture Units (FU foor Area Ital Daily Sewage ow to be used for Class 2 Lea Side Design deta <u>Class 4 Sew</u> <u>Tertiary Tre</u> Make/mode Raised Heig) Pr design S aching Pit e wall Load ails: wage Syste eatment Un el ght ding Tank	see ha ing rate (lif em - septi it - BMEC metres. - Require	3C) PROPO ndout (20 tres/day /s ic tank ar c approva . S ements: A	L/d L/d SAL TO C SAL TO C OO L./fixtur sq.m.) = 40 and or leach and or	ay (see ay (50L ay (100 ay [bed calc ONSTRU onstruction ONSTRU re unit (pr 0/T Lr = 4 ning bed ture (speciate	/FU >20 I o L./10 m ² > room flow ulated rate CT SEWA essurized 400/ (filter or tr cs for unit L./day 2 & 3" ventit	FU see Ap 200 m ² s rate (up e] <u>GE SYST</u>) cannot of <u></u> ench bed) must be Alar Sand Aron ng	ee Appendix A ee Append to 2,500L/ EM exceed 1,0 eq. m. of sid see Sche submitted m(ea) dix A) day) + hig day) + hig 000 L./day dewall dule 4C (i d with ap mech. sy) next page) plication

						AGE SYSTE	
	SCHEDULE 3C	- PROPOS	SAL TO COM	ISTRUC	I CLASS	4 SEWAGE	SYSTEM
S	Septic Tank Use Existin	g 🗆 N	lew CSA Stan	dard 🗌] (0	Q x 3 if non-res	idential use)
	Residential Occupancy				al with Garbu		
G	<u>X</u> 2 =	litres		Q	X	2.5 =	litres
Р	Proposed Working Capacit	yli	tres (min. 360	0L)			
Ī	reatment Unit (specify)			Operating	g Capacity _		litres/day
	Class 4F Filter Bed						
L If	Q is 3000 litres or less C	ຊ =	÷ 7	5 =		Sq. Metre	es
lf	Q is more than 3000 litres	Q =	÷ 50	=	Sq. M. ÷	2 beds of	Sq. M.
lf	Treatment Unit	Q =	÷ 1	00 =		Sq. M	Metres
	xtended Contact Area <u>Q</u> Base of Filter)	<u>x T</u> 850	8	<u>x</u> 50	=	Sq. M	Metre Contact
	Al. # of Dodo		JAnaa	2 •			
PROPOS	AL: # of Beds	Fliter Bed	a Arear	n- C	ontact Area	i <u> </u>	sed neightm.
	Class 4 Trench Bed Abs	orption trend	:h(* ÷ 300 if	treatment	unit)		
	-time (percolation rate of	of agil upod for	colculation) N	lativa li	montod	Daisad baight	m
I	-time (percolation rate of		calculation.) r		nponed	Raised height	m.
C	Q X T ÷ 200* =	x	÷ 200* =_	n	n. ÷ no. of ı	runs=	=m. per run
	Class 4 Loading Rates - Ar	ea requireme	nts L	OADING A	REA – EXIST		PROPOSED
					(Nati	ve T<15)	(Imported T>15)
Р	Percolation Time of Existing ((in-situ) Soils					
lf	[:] "T" is : 1 < 20		Use:	Q	=	=	m²
				10	10		
lt	"T" is : 20 35		Use:	<u>Q</u> 8	=8	_ =	<u> </u>
lf	"T" is:35 50		Use:	Q	=	_ =	<u>m²</u>
lf	[:] "T" is : > 50		Use [.]	6 Q	6	=	m²
				4	4		
			OFFICE L	JSE ON	LY		
0=			7				
	WAGE SYSTEM PERMIT FEES	¢150.00	-	PERM	NT FEE	\$	
	ewage system ptic Tank	\$450.00 \$200.00	-	L		L	
	g Bed Replacement	\$250.00					
	e system Repair	\$250.00	F F	ee paid	\$	Receipt#	
Leachin		\$250.00	1 L	-			
	~	\$250.00	-				