

APPLICATION # 268-045 Date: June 2/04

## HUNTSVILLE BUILDING DEPARTMENT

37 Main Street East, Huntsville Ontario P1H 1A1  
Phone (705) 789-1751 Fax (705) 789-6689

### APPLICATION FOR BUILDING PERMIT

TO:  CONSTRUCT  DEMOLISH  CHANGE USE  PLUMBING ONLY  
 CONDITIONAL  SEWAGE SYSTEM  HEATING APPLIANCE

OWNER: _____ ADDRESS: _____ TEL: _____ CELL: <u>NIL</u>	BUILDING CONTRACTOR: <u>OWNER</u> ADDRESS: _____ POSTAL CODE: _____ TEL: ( ) _____ FAX: _____ CELL: _____ O.N.H.W.P. #: _____
SEWAGE SYSTEM INSTALLER: <u>DAN LUPTON</u> ADDRESS: <u>86 WEST BROWN'S RD</u> <u>HUNTSVILLE</u> POSTAL CODE: <u>P1H 1S 2</u> TEL: <u>(705) 789 4634</u> FAX: _____ INSTALLER'S LICENSE # <u>11631</u> CELL <u>788 6259</u>	ARCHITECT/ENGINEER/DESIGNER: _____ ADDRESS: _____ POSTAL CODE: _____ TEL: ( ) _____ FAX: _____ CELL: _____

2. LOCATION: ROLL NUMBER: 44 42 060 005 06701

CIVIC ADDRESS	Ward	Lot & Concession	Plan	Part on Plan
<u>138 CONC. 4 AND 5 RD. EAST</u>	<u>BRUNEL</u>	<u>LOT 17 CON 5</u>	<u>35R-12674</u>	<u>2</u>

3. DIRECTIONS TO PROPERTY: BRUNEL RD SOUTH TOWARDS BAYSVILLE, TURN LEFT ON CONC RD 4 E (IN NEWHOLM) GO TO END OF MAINTAINED

4. PRESENT USE OF PROPERTY: VACANT (ROAD)

5. BRIEF DESCRIPTION OF WORK: TO CONSTRUCT SEWAGE SYSTEM FOR RESIDENCE

ESTIMATED VALUE: \$ 7500

6. SIZE OF BUILDING

WIDTH <u>26'</u>	LENGTH <u>46'</u>	HEIGHT <u>24'</u>	# OF STORIES <u>2</u>	TOTAL FLOOR AREA <u>1898 m<sup>2</sup></u>
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7. RESIDENTIAL HEATING AND PLUMBING SPECIFICATIONS

HEATED LIVING SPACE

Description	# Units per Fixture	DWELLING #1		DWELLING #2		SLEEPING CABIN		OTHER	
		# of Fixtures	Fixture Units	# of Fixtures	Fixture Units	# of Fixtures	Fixture Units	# of Fixtures	Fixture Units
Bathroom Group	6	3	18						
Toilet	4	(3)							
Wash Basin (Lavatory)	1	(3)							
Bathub or Shower	1.5	(3)							
Bidet	1								
Kitchen Sink (single or double)	1.5	1	1.5						
Bar Sink	1.5	1	1.5						
Washing Machine	1.5	1	1.5						
<b>TOTAL FIXTURE UNITS</b>			<b>22.5</b>						
<b>FINISHED FLOOR AREA</b>			<b>1200 m<sup>2</sup></b>						
<b># OF BEDROOMS</b>			<b>4</b>						

8. DEVELOPMENT CHARGES: DISTRICT \_\_\_\_\_, TOWN \_\_\_\_\_

Date Issued: June 4/04 By: [Signature]



## SEWAGE SYSTEM INSTALLATION PROPOSAL

TOTAL # OF BEDROOMS :	4	TOTAL FLOOR AREA :	1886 m <sup>2</sup>
TOTAL PLUMBING FIXTURE UNITS:	22.5	"T" TIME OF SOIL:	24
TOTAL DAILY DESIGN FLOW RATE (Expressed in Litres/day):		2400	Q = 2400

Septic Tank Size = Q X 2 = 2400 X 2 = 4800 Litres (Minimum 3600 litres)

4800L

Absorption Trenches = (length of distribution pipe) = QT/200 = \_\_\_\_\_ m (Minimum 40 meters)

Filter Bed area = Q/75 (Q < 3000 l) = 32 square meters or Q/50 (Q > 3000 l) = \_\_\_\_\_ square meters

Base of Filter medium + QT/850 = 67.76 square meters

Mantle area = Q/ loading rate = 300 square meters

T	LOADING RATE
1 - 20	10
20 - 35	8
35 - 50	6
OVER 50	4

### PROPOSE TO CONSTRUCT:

**CLASS 4 FILTER BED** PROOF OF APPROVED FILTER MATERIAL MUST BE PROVIDED PRIOR TO FINAL INSPECTION

Dug Into Existing Soil	Raised	<input checked="" type="checkbox"/> If Raised, How Far Above Existing Soils?	1 metres	Mantle Area	300 m <sup>2</sup>
Area Of Filter Medium	32 m <sup>2</sup>	Base of Filter	m <sup>2</sup>	Or total length of tile	Number of runs: 4
Use Existing Tank	New CSA Standard	<input checked="" type="checkbox"/> Treatment Unit Other than septic tank		Working Capacity	4800 litres

**CLASS 2 GREY-WATER PIT or CLASS 3 CESSPOOL**

Wall Structure -- Concrete Block	Rock	Other:			
Dimensions Of Pit	Length:	Width:	Height:	Type Of Cover:	
Type Of Class 1 To Be Used	Privy	Composting	Chemical	Electrical	Other:

**CLASS 5 - HOLDING TANK - PUMP OUT CONTRACT MUST BE PROVIDED (District Approval Required)**

Concrete	Polyethylene	Other:	
Size (L)	Alarm Is - Audio	And Visual	Describe Platform:

**IS A PUMP REQUIRED?**

Yes	No	Raw Sewage	Effluent
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Name of Site Supervisor:	Supervisor's Licence #: 11631
Sewage System Designed By: <u>Dan Lupton</u>	

ALL APPLICATIONS MUST INCLUDE A SITE PLAN WHICH LOCATES ALL FEATURES AND STRUCTURES WITH ALL DISTANCES INDICATED, PREFERABLY DRAWN TO SCALE.

INCLUDE THE FOLLOWING ON THE SITE PLAN:

- PROPERTY LINES & TOPOGRAPHIC FEATURES  
Water courses/Water bodies/swamps, cliffs, bare rock, slope degree & direction.
- EXISTING & PROPOSED STRUCTURES  
All buildings, driveways, utility easements, wells (state: dug, bored or drilled - include neighbours). Installer to verify locations prior to installation of sewage system.
- EXISTING & PROPOSED SEWAGE SYSTEM(S)  
Tank & tile field orientation, distribution lines, mantle area, details of existing system if it remains in use, water lines and test pit.

TEST HOLE	Sub-surface conditions encountered	Depth (m)	Soil Type	"T" Time
	Rock & G.W.T.	- 0 -	<u>Hardpan</u> 	<u>24</u>
		- 0.25 -		
		- 0.50 -		
		- 0.75 -		
		- 1.00 -		
		- 1.25 -		
		- 1.50 -		



9. IF BUILDING IS A YEAR-ROUND DWELLING, A DESIGN SUMMARY FOR RESIDENTIAL MECHANICAL VENTILATION MUST BE ATTACHED.
10. SITE PLAN MUST BE ATTACHED SHOWING SIZE OF LOT AND LOCATION AND SIZE OF ALL BUILDINGS ON LOT. DISTANCES FROM BUILDINGS TO LOT LINES (SETBACKS) MUST BE SHOWN AS WELL AS THE LOCATION OF ANY ROAD, RIGHT-OF-WAY, EASEMENT, HYDRO LINES, SEWAGE SYSTEM, LAKE OR RIVER. SHOULD BE TO SCALE ON A REFERENCWE PLAN OR SURVEY.
11. CONSTRUCTION DRAWINGS INCLUDING FLOOR PLANS IDENTIFYING ALL PROPOSED USES TO BE ATTACHED.
12. OTHER PERMITS OR APPROVALS THAT MAY BE REQUIRED: APPROVAL NUMBER

SEWAGE SYSTEM APPROVAL .....

Town of Huntsville- ENTRANCEWAY PERMIT .....

Town of Huntsville- PLANNING DEPT. (SITE PLAN AGREEMENT) .....

Ministry of Transportation of Ontario - ENTRANCE PERMIT & CONSENT TO CONSTRUCT .....

Ministry of Natural Resources/DFO - STRUCTURES ON LAND UNDER WATER .....

District Municipality of Muskoka - SEWER/WATER CONNECTION, ENTRANCE PERMIT .....

ONTARIO NEW HOME WARRANTY .....

**PLEASE READ CAREFULLY**

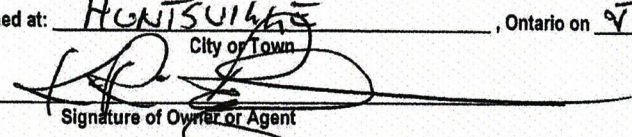
The property owner(s) or agent(s) is/are responsible for the accuracy of all information or plans provided forming part of this building permit application.  
 No change in plans may be made without approval of the CHIEF BUILDING OFFICIAL.  
 The building permit may be revoked if work is not commenced within six (6) months or if there is a lapse in construction for a period of twelve (12) months.  
 The Chief Building Official must be notified at the appropriate times so that required inspections may be carried out (Required inspections are listed on the Building Permit).

**DECLARATION**

I, the undersigned, \_\_\_\_\_ hereby agree to comply with the above conditions. I further agree and will ensure:

(PLEASE PRINT)

that the work outlined in this application conforms with the Building Code Act, 1992, and regulations thereunder and any other applicable law, decision of Committee of Adjustment, Site Plan Agreement or Zoning By-law and amendments thereto applying to this property. I understand that this application form is not a building permit.

Signed at: HUNTSVILLE, Ontario on JUNE 2/2007  
City or Town  
  
 Signature of Owner or Agent

**FOR OFFICE USE ONLY**

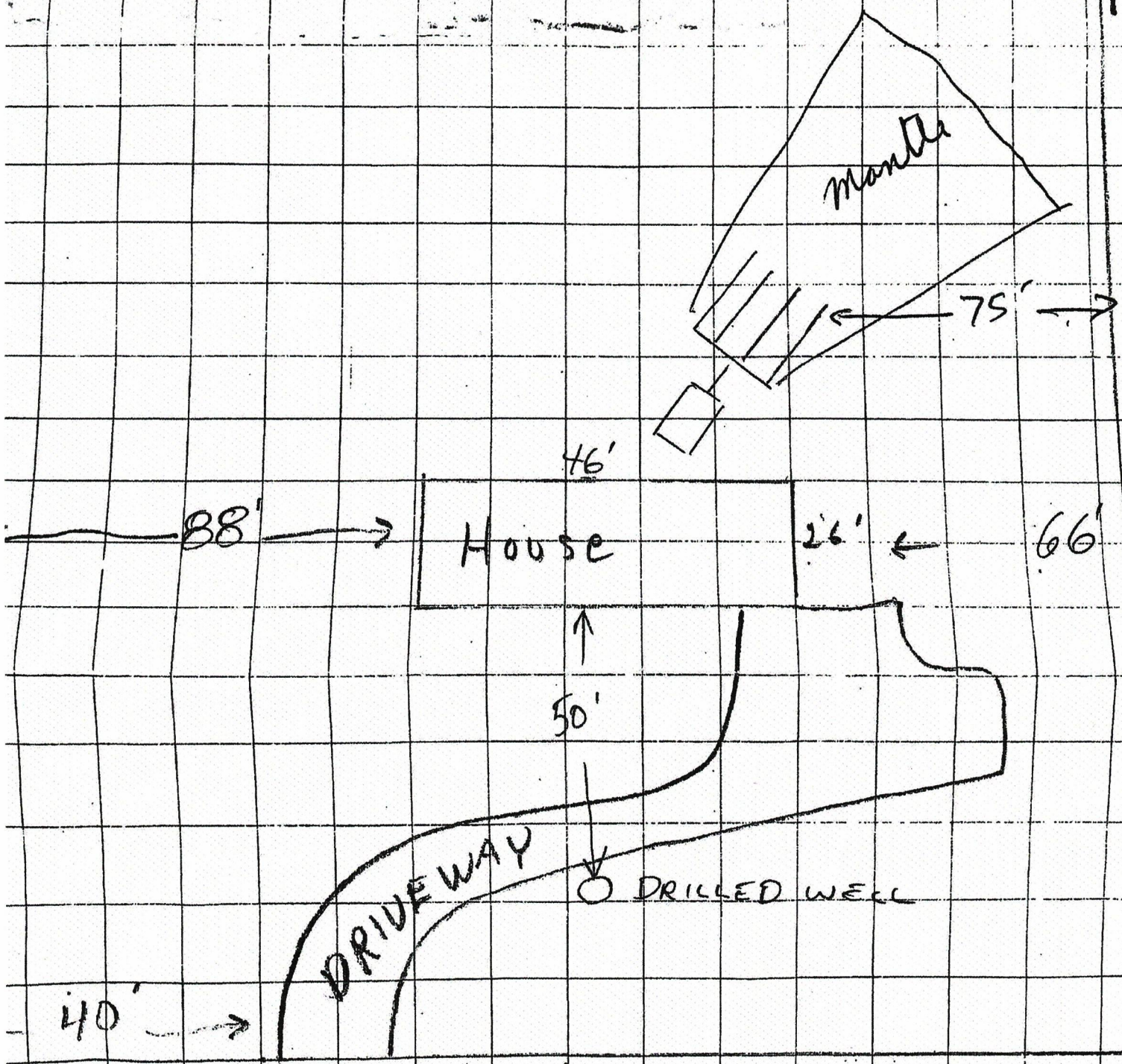
ZONING	FRONTAGE	AREA	DEPTH

ESTIMATED VALUE OF WORK: \_\_\_\_\_

CLASS OF PERMIT:	PERMIT FEE:	
BUILDING	BUILDING/PLUMBING	\$ <u>300.00</u>
DEMOLITION	EDUCATION DEVELOP. CHARGE	\$ _____
CONDITIONAL	DEVELOPMENT CHARGE	\$ _____
CHANGE OF USE	DISTRICT DEVELOPMENT CHARGE	\$ _____
TRANSFER	TOTAL	\$ _____
SEWAGE SYSTEM	FEE PAID <input checked="" type="checkbox"/>	RECEIPT # _____

PERSONAL INFORMATION CONTAINED ON THIS FORM, COLLECTED PURSUANT TO THE BUILDING CODE ACT WILL BE USED FOR THE PURPOSES OF THAT ACT. QUESTIONS SHOULD BE DIRECTED TO THE FREEDOM OF INFORMATION AND PRIVACY CO-ORDINATOR AT THE INSTITUTION RESPONSIBLE FOR THE PROCEDURES UNDER THAT ACT.





200'  
Concession Rd 455 East