

Low Input Grounds Care Research Proposal
March 18, 2017 revised June 5, 2017

Background

Low-density, intensive land development has wide ranging and long lasting impacts on

production of soil organic matter, and minimize runoff. It will also provide data to confirm or deny that such practices promote soil organic matter

Research Demonstration Site Schematic

Site

Control Plot (Lawn cut to 2", clippings left, weekly cutting)

Test Plot (Lawn cut to 3", clippings left, cutting only from 4" to 3")

Sign printing	\$15	30 (min. 10 for the research only sites)	\$100 (est. \$20 for research only sites)	\$ 550 (\$170 for research only sites)	Vista Print or local	“Yard Signs”
Lawn mower	\$120	1	--	\$120	Borrow or buy?	
LCSG student intern time	\$11/hr	12 weeks x 20 hrs/wk = 240	--	\$2,640		
Intern fringe				\$264		
UVM truck	\$50 (est)	16 weeks x 1-2 days/week = 28 est.	--	\$1400	RSENR truck	
				\$5,969		

Results and Analyses

Following post soil sample collection and analysis, descriptive statistics will be determined for each site for root length, soil organic matter, and soil moisture. Information sheets with photos will be Data