Anna Summers Cost effectiveness of various lower emmision measures											
				Area	U value	Total Old	Total new	Savings	estimated	cost	Value £1 spend
Area				M2		watts/Hr	Watts/Hr	Watts/Hr	cost/M2	£	for each 1 watt saved
Main External walls		540mm heavy block & brick		171	1.2	1642					
Install Tri-iso super 10 insulation to internal walls				171	0.17		233	1409	25	4275	3.0
Extension external walls		double skin solid		9	2.1	151					
Install Tri-iso super 10 insulation to internal walls				15	0.16		19	132	25	575	4.4
Floor		Concrete no insulation		58	4.3	1995					
Lift floor by 50mm with Tri-iso super 10 insulation below				58	0.41		190	1805	25	1450	0.8
Windows		double glazed std inc frame		13.3	2.8	298					
Replace with high performance glazing units low e Argon				13.3	1.1		117	181	70	931	5.1
Loft		70mm fibreglass		58	0.6	278					
Inrease insulation to 200mm				58	0.24		111	167	5	290	1.7
Access Doors		inc frame		3.42	2.9	79					
Draughstrip and Flush internal insulation panel PU				3.42	0.75		21	59	50	171	2.9
Hot water tank/Pipes		25mm PU		1.75	0.9	71					
		+ 75mm fibre glass		1.75	0.33		26	45	30	52.5	1.2
		Total Average heat loss per hour watts				4515	717	3798			
Boiler	Old Baxi open fire no pipe insulation efficiency 40%		0.4			11286					
Combi Boiler, Timer, thermostat control,											
Pipe insulation efficiency 80%			0.8				5643	5643		3000	0.53