

Financial modelling for residential replacement care in Newcastle under Lyme – Sensitivity Analysis

	Douglas Road Replacement Care - Sensitivity Analysis						
	Option 1	Option 2a	Option 2b	Option 2c	Option 2d	Option 3	Option 4
	7 Beds @ Douglas Road NPV £m	7 Beds @ Wilmott Drive NPV £m	10 Beds @ Wilmott Drive NPV £m	10 Beds @ Wilmott Drive NPV £m	10 Beds @ Wilmott Drive NPV £m	10 Beds @ Independent Sector NPV £m	5 Beds @ Douglas Road / 5 Beds @ Independent Sector NPV £m
Base Case NPV	1.894	2.015	3.954	2.714	2.148	4.205	1.896
Capital Investment +10%	-	1.900	3.794	2.453	1.820	-	-
Capital Investment -10%	-	2.129	4.114	2.975	2.476	-	-
Cost of Change +10%	1.854	1.974	3.929	2.690	2.123	4.111	1.843
Cost of Change -10%	1.935	2.055	3.978	2.739	2.172	4.298	1.948
Market Rates +10%	1.374	1.512	-	-	-	2.472	1.029
Market Rates -10%	2.414	2.517	-	-	-	5.938	2.762
Inflation +1%	2.200	2.467	4.686	3.413	2.859	4.889	2.217
Inflation -1%	1.636	1.631	3.333	2.121	1.543	3.627	1.624
In House Staff costs +10%	0.397	0.568	2.264	1.024	0.457	-	0.757
In House Staff costs -10%	3.391	3.461	5.644	4.404	3.838	-	3.034
Best case	4.526	4.815	6.773	5.601	5.115	6.946	4.542
Worst Case	-0.195	-0.265	1.638	0.325	-0.319	1.996	-0.208