

Viability Addendum
Report

Affordable Housing Policy



Stevenage Borough Council

21st November 2025



1 Introduction

- 1.1 In October 2024, AspinallVerdi submitted a Local Plan & CIL Review Viability Assessment to support the Stevenage Borough Council Local Plan Partial Review & Update 2011–2031. This assessment sought to establish whether the updated policy requirements for new development in Stevenage set out in the Partial Review & Update are viable and hence deliverable, including the proposed level of affordable housing.
- 1.2 We have been retained by the Council to prepare a short addendum to the original assessment which seeks to test the implication of increasing the affordable housing requirement on greenfield typologies and sites from 30% to 40%. This addendum report should be read in conjunction with our original assessment which contains our detailed policy review, methodology and appraisal assumptions which are largely unchanged, with the exception of the affordable housing threshold on greenfield sites.

Updated Appraisals

- 1.3 We have updated the greenfield typologies tested in our viability assessment, including the older persons housing typology and the three strategic sites, to reflect the higher affordable housing contribution of 40%. Please note that we have not updated the greenfield build-to-rent typology on the basis that the affordable housing threshold is set at the rate required by national guidance (20%). All other cost and value inputs remain unchanged from our October 2024 assessment.
- 1.4 Table 1.1 compares the surplus or deficit generated in our original appraisals (i.e. policy compliant residual land value less benchmark land value) with the updated position based on 40% affordable housing. We have also then set out the updated outcome using the same judgement / terminology as per our October 2024 assessment, as below:
- **Viable** – the development can meet the full cost of the policy requirements and CIL contributions whilst also generating a positive residual land value which exceeds the benchmark land value;
 - **Marginal** – the development can meet the full cost of the policy requirements and CIL contributions whilst generating a positive residual land value which falls below the benchmark land value; or,
 - **Unviable** - the development cannot generate a positive residual land value with the full cost of policy requirements and CIL contributions.
- 1.5 Full copies of the updated appraisals are provided in Appendix 1.

Table 1.1 - Updated Financial Appraisal Results

Typology	Oct 2024 Surplus / Deficit (30% AH)	Nov 2025 Surplus / Deficit (40% AH)	Difference in Surplus / Deficit (%)	Nov 2025 Outcome (40% AH)
GF_MV_1	£1,511,333	£1,368,407	-£142,926 (-9.5%)	VIABLE
GF_HV_1	£6,894,929	£6,342,600	-£552,329 (-8.0%)	VIABLE
OP_GF_HV_1	-£11,916,571	-£12,588,802	-£672,231 (-5.6%)	UNVIABLE
HO2 – Stevenage West	£29,053,506	£22,365,230	-£6,688,276 (-23.0%)	VIABLE
HO3 – North of Stevenage	£18,153,935	£14,826,072	-£3,327,863 (-18.3%)	VIABLE
HO4 – South East of Stevenage	-£7,339,100	-£8,908,509	-£1,569,409 (-21.4%)	MARGINAL

Source: AspinallVerdi, 2025.

- 1.6 Table 1.1 shows that all greenfield typologies and sites which generated a surplus in our October 2024 assessment still generate a surplus with the updated affordable housing requirement of 40%. The older persons housing typology remains unviable (albeit with an increased deficit), and similarly viability of the South East of Stevenage strategic site remains marginal. Accordingly, the increase in affordable housing to 40% on greenfield sites does not change the fundamental outcomes of the appraisals from our October 2024 assessment.
- 1.7 As with our original assessment, we have also considered the surplus generated as a percentage of the GDV. This quantifies the viability buffer available in each scenario into a common metric, which can then be used to judge the ability to respond to changes in market conditions whilst retaining the level of affordable housing sought. Table 1.2 summarises the outcome in comparison to the October 2024 results.

Table 1.2 – Changes in Buffer on GDV

Typology	Oct 2024 Buffer % on GDV (30% AH)	Nov 2025 Buffer % on GDV (40% AH)	Difference in Buffer % on GDV
GF_MV_1	9.82%	9.30%	-0.52%
GF_HV_1	11.92%	11.51%	-0.41%
OP_GF_HV_1	n/a	n/a	-
HO2 – Stevenage West	4.87%	3.93%	-0.94%
HO3 – North of Stevenage	5.72%	4.90%	-0.82%
HO4 – South East of Stevenage	n/a	n/a	-

Source: AspinallVerdi, 2025.

- 1.8 Table 1.2 shows that an uplift in the affordable housing requirement to 40% results in a reduction in the viability buffer of less than 1% when compared to the original testing which assumed 30% affordable.

Conclusions & Recommendations

- 1.9 We conclude that the increase in affordable housing to 40% on greenfield sites has no material impact on the fundamental outcomes of the appraisals, with all relevant typologies or sites demonstrating the same conclusion as per our October 2024 assessment. In other words, none of the typologies or sites shown to be viable become marginal or unviable as a result of the increase.
- 1.10 For those sites which are shown to remain viable with 40% affordable housing, we are satisfied that the increase does not have a significant impact on the surplus values generated, with the adjustments equating to a <1% fall when judged as a buffer on GDV. As such, we are satisfied that sufficient headroom remains on all viable appraisals with an increase to the affordable housing contribution of 40%.
- 1.11 We uphold our original recommendations in respect of the older persons housing typology, which has been shown to remain unviable, as well as the South East of Stevenage strategic site, for which viability remains marginal. Please refer to our October 2024 assessment for further details.

Appendix 1 – Updated Appraisals

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Appraisal Ref: **GF_MV_1** (see Typologies Matrix)
 Scheme Typology: **Greenfield Mid Value 1**
 Site Typology: **Mid** No Units: **45**
 Notes: **Mixed - Houses & Flats** Greenfield/Brownfield: **Greenfield**

ASSUMPTIONS - RESIDENTIAL USES																	
Total number of units in scheme		45 Units															
AH Policy requirement (% Target)		40%															
Open Market Sale (OMS) housing		Open Market Sale (OMS)		60%													
AH tenure split %		Affordable Rent:		70.0%													
		Social Rent:		0.0%		70.0% % Rented											
		First Homes:		25.0%													
		Other Intermediate (LCHO/Sub-Market etc.):		5.0%		12.0% % of total (>10% First Homes PPG 023)											
				100%		100.0%											
CIL Rate (£ psm)		120.00 £ psm															
Unit mix -		OMS Unit mix%		MV # units		AH mix%		AH # units		Overall mix%		Total # units					
1 bed House		0.0%		0.0		0.0%		0.0		0%		0.0					
2 bed House		11.0%		3.0		27.0%		4.9		17%		7.8					
3 bed House		57.0%		15.4		50.0%		9.0		54%		24.4					
4 bed House		6.0%		1.6		10.0%		1.8		8%		3.4					
5 bed House		0.0%		0.0		2.0%		0.4		1%		0.4					
1 bed Flat		17.0%		4.6		3.0%		0.5		11%		5.1					
2 bed Flat		9.0%		2.4		8.0%		1.4		9%		3.9					
3 bed Flat		0.0%		0.0		0.0%		0.0		0%		0.0					
Total number of units		100.0%		27.0		100.0%		18.0		100%		45.0					
		Net area per unit				Net to Gross %				Gross (GIA) per unit							
OMS Unit Floor areas -		(sqm)		(sqft)						(sqm)		(sqft)					
1 bed House		0.0		0						0.0		0					
2 bed House		79.0		850						79.0		850					
3 bed House		100.0		1,076						100.0		1,076					
4 bed House		130.0		1,399						130.0		1,399					
5 bed House		150.0		1,615						150.0		1,615					
1 bed Flat		50.0		538		85.0%				58.8		633					
2 bed Flat		70.0		753		85.0%				82.4		886					
3 bed Flat		0.0		0		85.0%				0.0		0					
		Net area per unit				Net to Gross %				Gross (GIA) per unit							
AH Unit Floor areas -		(sqm)		(sqft)						(sqm)		(sqft)					
1 bed House		0.0		0						0.0		0					
2 bed House		79.0		850						79.0		850					
3 bed House		84.0		904						84.0		904					
4 bed House		97.0		1,044						97.0		1,044					
5 bed House		110.0		1,184						110.0		1,184					
1 bed Flat		50.0		538		85.0%				58.8		633					
2 bed Flat		67.0		721		85.0%				78.8		848					
3 bed Flat		0.0		0		85.0%				0.0		0					
		OMS Units GIA				AH units GIA				Total GIA (all units)							
Total Gross Floor areas -		(sqm)		(sqft)		(sqm)		(sqft)		(sqm)		(sqft)					
1 bed House		0		0		0		0		0		0					
2 bed House		235		2,526		384		4,133		619		6,658					
3 bed House		1,539		16,566		756		8,138		2,295		24,703					
4 bed House		211		2,267		175		1,879		385		4,146					
5 bed House		0		0		40		426		40		426					
1 bed Flat		270		2,906		32		342		302		3,248					
2 bed Flat		200		2,154		114		1,222		314		3,376					
3 bed Flat		0		0		0		0		0		0					
		2,454		26,418		1,499		16,140		3,954		42,558					
AH % by floor area:		37.92% AH % by floor area (difference due to mix)															
Open Market Sales values (£) -		£ OMS (per unit)		£ psm		£ psf		total MV £ (no AH)									
1 bed House		0		#DIV/0!		#DIV/0!		0									
2 bed House		375,000		4,747		441		2,936,250									
3 bed House		425,000		4,250		395		10,365,750									
4 bed House		525,000		4,038		375		1,795,500									
5 bed House		595,000		3,967		369		214,200									
1 bed Flat		250,000		5,000		465		1,282,500									
2 bed Flat		335,000		4,786		445		1,296,450									
3 bed Flat		0		#DIV/0!		#DIV/0!		0									
										17,890,650							
Affordable Housing values (£) -		Aff. Rent £		% of MV		Social Rent £		% of MV		First Homes £*		% of MV		Other Int. £		% of MV	
1 bed House		0		55%		0		35%		0		70%		0		75%	
2 bed House		206,250		55%		131,250		35%		250,000		70%		281,250		75%	
3 bed House		233,750		55%		148,750		35%		250,000		70%		318,750		75%	
4 bed House		288,750		55%		183,750		35%		250,000		70%		393,750		75%	
5 bed House		327,250		55%		208,250		35%		250,000		70%		446,250		75%	
1 bed Flat		137,500		55%		87,500		35%		175,000		70%		187,500		75%	
2 bed Flat		184,250		55%		117,250		35%		234,500		70%		251,250		75%	
3 bed Flat		0		55%		0		35%		0		70%		0		75%	
																* capped @£250K	

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Scheme Typology: **Greenfield Mid Value 1**
 Site Typology: Location / Value Zone: **Mid**
 Notes: **Mixed - Houses & Flats**
 No Units: **45**
 Greenfield/Brownfield: **Greenfield**

GROSS DEVELOPMENT VALUE				
(part houses due to % mix)				
OMS GDV -				
1 bed House	0.0	@	0	-
2 bed House	3.0	@	375,000	1,113,750
3 bed House	15.4	@	425,000	6,540,750
4 bed House	1.6	@	525,000	850,500
5 bed House	0.0	@	595,000	-
1 bed Flat	4.6	@	250,000	1,147,500
2 bed Flat	2.4	@	335,000	814,050
3 bed Flat	0.0	@	0	-
	27.0			10,466,550
Affordable Rent GDV -				
1 bed House	0.0	@	0	-
2 bed House	3.4	@	206,250	701,663
3 bed House	6.3	@	233,750	1,472,625
4 bed House	1.3	@	288,750	363,825
5 bed House	0.3	@	327,250	82,467
1 bed Flat	0.4	@	137,500	51,975
2 bed Flat	1.0	@	184,250	185,724
3 bed Flat	0.0	@	0	-
	12.6			2,858,279
Social Rent GDV -				
1 bed House	0.0	@	0	-
2 bed House	0.0	@	131,250	-
3 bed House	0.0	@	148,750	-
4 bed House	0.0	@	183,750	-
5 bed House	0.0	@	208,250	-
1 bed Flat	0.0	@	87,500	-
2 bed Flat	0.0	@	117,250	-
3 bed Flat	0.0	@	0	-
	0.0			-
First Homes GDV -				
1 bed House	0.0	@	0	-
2 bed House	1.2	@	250,000	303,750
3 bed House	2.3	@	250,000	562,500
4 bed House	0.5	@	250,000	112,500
5 bed House	0.1	@	250,000	22,500
1 bed Flat	0.1	@	175,000	23,625
2 bed Flat	0.4	@	234,500	84,420
3 bed Flat	0.0	@	0	-
	4.5			1,109,295
Other Intermediate GDV -				
1 bed House	0.0	@	0	-
2 bed House	0.2	@	281,250	68,344
3 bed House	0.5	@	318,750	143,438
4 bed House	0.1	@	393,750	35,438
5 bed House	0.0	@	446,250	8,033
1 bed Flat	0.0	@	187,500	5,063
2 bed Flat	0.1	@	251,250	18,090
3 bed Flat	0.0	@	0	-
	0.9	18.0		278,404
Sub-total GDV Residential				
	45			14,712,527
AH on-site cost analysis:				
804 £ psm (total GIA sqm)			EMV (no AH) less EGDV (inc. AH)	
			70,625 £ per unit (total units)	
Grant				
	18	AH units @ 0 per unit		-
Total GDV				
				14,712,527

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Scheme Typology: **Greenfield Mid Value 1**
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No Units: **45**
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DEVELOPMENT COSTS									
Initial Payments -									
Statutory Planning Fees (Residential)									(20,790)
Planning Application Professional Fees, Surveys and reports									(60,000)
CIL (Mrkt only + garages)									(314,642)
CIL analysis:									
			2,622 sqm		120.00 £ psm				
			2.14% % of GDV		6,992 £ per unit (total units)				
Site Specific S106 Contributions	Year 1				0				-
	Year 2				0				-
	Year 3				0				-
	Year 4				0				-
	Year 5				0				-
	Year 6				0				-
	Year 7				0				-
	Year 8				0				-
	Year 9				0				-
	Year 10				0				-
	Year 11				0				-
	Year 12				0				-
	Year 13				0				-
	Year 14				0				-
	Year 15				0				-
	Years 1-15		45 units @		5,000 per unit				(225,000)
	Sub-total								(225,000)
S106 analysis:									
		230,200 £ per ha		1.53% % of GDV	5,000 £ per unit (total units)				
AH Commuted Sum			3,954 sqm (total)		0 £ psm				-
Comm. Sum analysis:									
			0.00% % of GDV						
Construction Costs -									
Site Clearance, Demolition & Remediation			0.98 ha @		0 £ per ha (if brownfield)				-
Site Infrastructure costs -	Year 1				0				-
	Year 2				0				-
	Year 3				0				-
	Year 4				0				-
	Year 5				0				-
	Year 6				0				-
	Year 7				0				-
	Year 8				0				-
	Year 9				0				-
	Year 10				0				-
	Year 11				0				-
	Year 12				0				-
	Year 13				0				-
	Year 14				0				-
	Year 15				0				-
	Years 1-15		45 units @		0 per unit				-
	Sub-total								-
Infra. Costs analysis:									
		- £ per ha		0.00% % of GDV	0 £ per unit (total units)				
1 bed House			- sqm @		1,547 psm				-
2 bed House			619 sqm @		1,547 psm				(956,928)
3 bed House			2,295 sqm @		1,547 psm				(3,550,365)
4 bed House			385 sqm @		1,547 psm				(595,904)
5 bed House			40 sqm @		1,547 psm				(61,261)
1 bed Flat			302 sqm @		1,698 psm				(512,396)
2 bed Flat			314 sqm @		1,698 psm				(532,533)
3 bed Flat		3,954	- sqm @		1,698 psm				-
Garages for 3B House (Mrkt only)	15	50% units @		18 sqm @	600 psm				(83,106)
Garages for 4B House (Mrkt only)	2	75% units @		24 sqm @	600 psm				(17,496)
Garages for 5B House (Mrkt only)	-	120% units @		32 sqm @	600 psm				-
		168							
External works			6,309,990 @		15.0%				(946,498)
Ext. Works analysis:									
					21,033 £ per unit (total units)				
Policy Costs on design -									
Environment Act - BNG 10%			45 units @		1,100 £ per unit				(49,500)
HO11 - M4(2) Category 2 Housing	Aff units	18 units @		40% @	1,400 £ per unit				(10,080)
HO11 - M4(2) Category 2 Housing	OMS units	27 units @		40% @	1,400 £ per unit				(15,120)
HO11 - M4(3) Category 3 Housing	Aff units	18 units @		10% @	22,000 £ per unit				(39,600)
HO11 - M4(3) Category 3 Housing	OMS units	27 units @		10% @	22,000 £ per unit				(59,400)
CC1 - FHS 2025 - Option 1		45 units @			6,200 £ per unit				(279,000)
CC1 - Net Zero Carbon	-	6,309,990 base construction @			5.0% % additional				(315,499)
EV Charging Points - Houses		36 units @			£ per unit				-
EV Charging Points - Flats		9 units @		4 flats per charger	£ per 4 units				-
CC3 - Water Efficiency		45 units @			10 £ per unit				(450)
NH5(b) - Tree-lined Streets		36 houses +		9 flats @	3,300 £ per 4 houses / 1				(32,670)
	Sub-total								(768,649)
Policy Costs analysis: (design costs only)									
					17,081 £ per unit (total units)				
Contingency (on construction)			8,057,808 @		5.0%				(402,890)

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Professional Fees	8,057,808	@	10.0%		(805,781)
Disposal Costs -					
OMS Marketing and Promotion	10,466,550	OMS @	1.00%	2,326 £ per unit	(104,666)
Residential Sales Agent Costs	10,466,550	OMS @	1.00%	2,326 £ per unit	(104,666)
Residential Sales Legal Costs	27	Units @	£1,250	£ per unit	(33,750)
Affordable Sale Legal Costs	18	Units @	£500	£ per unit	(9,000)
Empty Property Costs					-
Disposal Cost analysis:				5,602 £ per unit (exc. EPC)	
Interest (on Development Costs) -	7.50%	APR	0.604%	pcm	(346,499)
Developers Profit -					
Profit on OMS	10,466,550		17.50%		(1,831,646)
Margin on AH	4,245,977		6.00%	on AH values	(254,759)
Profit analysis:	14,712,527		14.18%	blended GDV	(2,086,405)
	10,485,491		19.90%	on costs	(2,086,405)
TOTAL COSTS					(12,571,896)

RESIDUAL LAND VALUE (RLV)					
Residual Land Value (gross)					2,140,632
SDLT	2,140,632	@	HMRC formula		(96,532)
Acquisition Agent fees	2,140,632	@	1.0%		(21,406)
Acquisition Legal fees	2,140,632	@	0.5%		(10,703)
Interest on Land	2,140,632	@	7.50%		(160,547)
Residual Land Value					1,851,443
RLV analysis:	41,143 £ per plot	1,894,232 £ per ha (net)	766,585 £ per acre (net)		
		1,610,097 £ per ha (gross)	651,597 £ per acre (gross)		
			12.58% % RLV / GDV		

BENCHMARK LAND VALUE (BLV)					
Residential Density	46.0	dph (net)			
Site Area (net)	0.98	ha (net)	2.42	acres (net)	
Net to Gross ratio	85%				
Site Area (gross)	1.15	ha (gross)	2.84	acres (gross)	
Density analysis:	4,045	sqm/ha (net)	17,621	sqft/ac (net)	
	39	dph (gross)			
Benchmark Land Value (net)	10,734 £ per plot	494,200 £ per ha (net)	200,000 £ per acre (net)		483,036
BLV analysis:		420,070 £ per ha (gross)	170,000 £ per acre (gross)		

BALANCE					
Surplus/(Deficit)	1,400,032	£ per ha (net)	566,585	£ per acre (net)	1,368,407

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SENSITIVITY ANALYSIS

The following sensitivity tables show the balance of the appraisal (RLV-BLV £ per acre) for changes in appraisal input assumptions above.
 Where the surplus is positive (green) the policy is viable. Where the surplus is negative (red) the policy is not viable.

TABLE 1

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))		15%	20%	25%	30%	35%	40%	45%
CIL £ psm 120.00	566,585	886,855	847,129	807,403	767,541	727,553	687,565	647,577
	10.00	872,494	833,613	794,732	755,786	716,637	677,489	638,340
	20.00	858,134	820,098	782,061	744,025	705,722	667,413	629,104
	30.00	843,774	806,582	769,390	732,199	694,807	657,337	619,868
	40.00	829,413	793,066	756,720	720,373	683,891	647,262	610,632
	50.00	815,053	779,551	744,049	708,546	672,976	637,186	601,396
	60.00	800,693	766,035	731,378	696,720	662,060	627,110	592,160
	70.00	786,332	752,520	718,707	684,894	651,081	617,034	582,924
	80.00	771,972	739,004	706,036	673,068	640,100	606,958	573,687
	90.00	757,612	725,488	693,365	661,242	629,119	596,883	564,451
	100.00	743,251	711,973	680,694	649,416	618,137	586,807	555,215
	110.00	728,891	698,457	668,023	637,590	607,156	576,722	545,979
	120.00	714,531	684,942	655,353	625,763	596,174	566,585	536,743
	130.00	700,170	671,426	642,682	613,937	585,193	556,449	527,507
	140.00	685,810	657,910	630,011	602,111	574,211	546,312	518,271
	150.00	671,450	644,395	617,340	590,285	563,230	536,175	509,034
	160.00	657,089	630,879	604,669	578,459	552,249	526,038	499,798
	170.00	642,729	617,364	591,998	566,633	541,267	515,902	490,536
	180.00	628,369	603,848	579,327	554,807	530,286	505,765	481,244
	190.00	614,009	590,332	566,656	542,980	519,304	495,628	471,952
	200.00	599,648	576,817	553,986	531,154	508,323	485,492	462,660
	210.00	585,288	563,301	541,315	519,328	497,342	475,355	453,368
	220.00	570,928	549,786	528,644	507,502	486,360	465,218	444,076
	230.00	556,514	536,270	515,973	495,676	475,379	455,082	434,784
	240.00	542,067	522,755	503,302	483,850	464,397	444,945	425,492
	250.00	527,619	509,239	490,631	472,024	453,416	434,808	416,200

TABLE 2

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))		15%	20%	25%	30%	35%	40%	45%
Site Specific S106 5,000	566,585	662,340	632,751	603,162	573,573	543,983	514,394	484,805
	8,000	644,943	615,354	585,765	556,176	526,586	496,997	467,408
	10,000	627,546	597,957	568,368	538,779	509,190	479,600	450,011
	11,000	610,149	580,560	550,971	521,382	491,793	462,203	432,614
	12,000	592,752	563,163	533,574	503,985	474,396	444,806	415,217
	13,000	575,355	545,766	516,177	486,588	456,999	427,410	397,820
	14,000	557,913	528,369	498,780	469,191	439,602	410,013	380,423
	15,000	540,411	510,972	481,383	451,794	422,205	392,616	363,026
	16,000	522,909	493,492	463,986	434,397	404,808	375,219	345,630
	17,000	505,407	475,990	446,573	417,000	387,411	357,822	328,233
	18,000	487,904	458,488	429,071	399,603	370,014	340,425	310,836
	19,000	470,402	440,986	411,569	382,152	352,617	323,028	293,439
	20,000	452,900	423,484	394,067	364,650	335,220	305,631	276,042
	21,000	435,398	405,981	376,565	347,148	317,731	288,234	258,645
	22,000	417,896	388,479	359,063	329,646	300,229	270,812	241,248

TABLE 3

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))		15%	20%	25%	30%	35%	40%	45%
Profit 17.5%	15.0%	846,526	809,173	771,819	734,466	697,112	659,759	622,152
	16.0%	793,728	759,480	725,233	690,985	656,737	622,489	587,988
	17.0%	740,930	709,788	678,646	647,504	616,362	585,220	553,825
	18.0%	688,132	660,095	632,059	604,023	575,987	547,951	519,661
	19.0%	635,333	610,403	585,472	560,542	535,612	510,681	485,498
	20.0%	582,535	560,710	538,886	517,061	495,236	473,412	451,334

TABLE 4

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))		15%	20%	25%	30%	35%	40%	45%
BLV (£ per acre) 200,000	100,000	814,531	784,942	755,353	725,763	696,174	666,585	636,743
	110,000	804,531	774,942	745,353	715,763	686,174	656,585	626,743
	120,000	794,531	764,942	735,353	705,763	676,174	646,585	616,743
	130,000	784,531	754,942	725,353	695,763	666,174	636,585	606,743
	140,000	774,531	744,942	715,353	685,763	656,174	626,585	596,743
	150,000	764,531	734,942	705,353	675,763	646,174	616,585	586,743
	160,000	754,531	724,942	695,353	665,763	636,174	606,585	576,743
	170,000	744,531	714,942	685,353	655,763	626,174	596,585	566,743
	180,000	734,531	704,942	675,353	645,763	616,174	586,585	556,743
	190,000	724,531	694,942	665,353	635,763	606,174	576,585	546,743
	200,000	714,531	684,942	655,353	625,763	596,174	566,585	536,743
	210,000	704,531	674,942	645,353	615,763	586,174	556,585	526,743
	220,000	694,531	664,942	635,353	605,763	576,174	546,585	516,743
	230,000	684,531	654,942	625,353	595,763	566,174	536,585	506,743
	240,000	674,531	644,942	615,353	585,763	556,174	526,585	496,743
	250,000	664,531	634,942	605,353	575,763	546,174	516,585	486,743

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Scheme Typology: **Greenfield Mid Value 1**
 Site Typology: Location / Value Zone: **Mid**
 Notes: **Mixed - Houses & Flats**

No Units: **45**
 Greenfield/Brownfield: **Greenfield**

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	566,585	15%	20%	25%	30%	35%	40%	45%
Density (dph) 46.0	20	197,277	184,423	171,569	158,716	145,862	133,008	120,045
	22	237,004	222,865	208,726	194,587	180,448	166,309	152,049
	24	276,732	261,308	245,883	230,459	215,034	199,610	184,054
	26	316,460	299,750	283,040	266,330	249,621	232,911	216,058
	28	356,187	338,192	320,197	302,202	284,207	266,212	248,063
	30	395,915	376,634	357,354	338,073	318,793	299,513	280,067
	32	435,643	415,077	394,511	373,945	353,379	332,813	312,072
	34	475,370	453,519	431,668	409,817	387,965	366,114	344,076
	36	515,098	491,961	468,825	445,688	422,552	399,415	376,080
	38	554,826	530,404	505,982	481,560	457,138	432,716	408,085
	40	594,553	568,846	543,139	517,431	491,724	466,017	440,089

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	566,585	15%	20%	25%	30%	35%	40%	45%
Build Cost 100% (105% = 5% increase)	98%	782,367	752,461	722,556	692,651	662,739	632,512	602,286
	100%	714,531	684,942	655,353	625,763	596,174	566,585	536,743
	102%	646,695	617,422	588,149	558,876	529,603	500,330	471,057
	104%	578,859	549,902	520,945	491,989	463,032	434,075	405,118
	106%	510,694	482,232	453,742	425,101	396,461	367,820	339,180
	108%	442,448	414,304	386,160	358,015	329,871	301,565	273,241
	110%	374,202	346,376	318,550	290,724	262,897	235,071	207,245
	112%	305,956	278,448	250,940	223,432	195,924	168,415	140,907
	114%	237,711	210,520	183,330	156,140	128,950	101,760	74,570
	116%	169,465	142,593	115,721	88,848	61,976	35,104	8,232
	118%	101,010	74,494	47,978	21,462	(5,054)	(31,570)	(58,105)
	120%	32,352	6,156	(20,040)	(46,236)	(72,432)	(98,628)	(125,459)

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	566,585	15%	20%	25%	30%	35%	40%	45%
Market Values 100% (105% = 5% increase)	80%	(156,937)	(133,865)	(111,087)	(88,928)	(66,918)	(45,124)	(23,418)
	82%	(67,567)	(50,698)	(33,829)	(16,964)	(370)	16,223	32,817
	84%	19,823	31,551	43,126	54,608	66,089	77,571	89,052
	86%	107,072	113,441	119,810	126,179	132,549	138,918	145,281
	88%	193,980	195,237	196,494	197,751	199,008	200,265	201,240
	90%	280,889	277,034	273,178	269,323	265,468	261,352	257,199
	92%	367,798	358,830	349,862	340,879	331,639	322,399	313,159
	94%	454,706	440,626	426,428	412,100	397,773	383,446	369,118
	96%	541,566	522,151	502,736	483,321	463,907	444,492	425,077
	98%	628,048	603,546	579,044	554,542	530,041	505,539	481,024
	100%	714,531	684,942	655,353	625,763	596,174	566,585	536,743
	102%	801,013	766,337	731,661	696,984	662,308	627,440	592,462
	104%	887,496	847,733	807,969	768,205	728,267	688,224	648,181
	106%	973,979	929,128	884,277	839,225	794,117	749,008	703,900
	108%	1,060,461	1,010,488	960,314	910,140	859,966	809,792	759,619
	110%	1,146,772	1,091,533	1,036,294	981,055	925,816	870,577	815,337
	112%	1,232,883	1,172,579	1,112,274	1,051,970	991,665	931,361	871,056
	114%	1,318,994	1,253,625	1,188,255	1,122,885	1,057,515	992,145	926,756
	116%	1,405,106	1,334,670	1,264,235	1,193,800	1,123,365	1,052,929	982,270
	118%	1,491,217	1,415,716	1,340,215	1,264,715	1,189,214	1,113,589	1,037,783
	120%	1,577,328	1,496,762	1,416,196	1,335,630	1,255,001	1,174,149	1,093,297

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	566,585	15%	20%	25%	30%	35%	40%	45%
Grant (£ per unit) -	5,000	727,500	702,234	676,968	651,702	626,436	601,032	575,417
	10,000	740,469	719,527	698,584	677,641	656,698	635,409	614,091
	15,000	753,439	736,819	720,199	703,579	686,807	669,786	652,765
	20,000	766,408	754,111	741,815	729,518	716,887	704,163	691,440
	25,000	779,377	771,404	763,430	755,394	746,967	738,541	730,114
	30,000	792,347	788,696	785,046	781,177	777,047	772,918	768,788
	35,000	805,316	805,989	806,661	806,960	807,127	807,295	807,318
	40,000	818,285	823,281	828,277	832,742	837,207	841,672	845,769
	45,000	831,255	840,574	849,763	858,525	867,287	876,049	884,220
	50,000	844,224	857,866	871,249	884,308	897,367	910,333	922,670
	55,000	857,193	875,158	892,735	910,091	927,447	944,511	961,121

NOTES
 Cells highlighted in yellow are input cells
 Cells highlighted in green are sensitivity input cells
 Figures in brackets, thus (00,000.00), are negative values / costs

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Scheme Typology: **Greenfield Mid Value 1** No Units: **45**
Site Typology: Location / Value Zone: **Mid** Greenfield/Brownfield: **Greenfield**
Notes: **Mixed - Houses & Flats**

[KPI's for Report Summary Table]

[note that this table is combined with other similar Scheme Typologies as a Summary table]

[please check that it captures the required KPI's that you would like carried forward to the Summary Table]

Appraisal Ref:	GF_MV_1
Scheme Typology:	Greenfield Mid Value 1
No Units:	45
Location / Value Zone:	Mid
Greenfield/Brownfield:	Greenfield
Notes:	Mixed - Houses & Flats
Total GDV (£)	14,712,527
Policy Assumptions	

AH Target % (& mix): **40%**

Affordable Rent:	70%
Social Rent:	0%
First Homes:	25%
Other Intermediate (LCHO/Sub-Market etc.):	5%
CIL (£ psm)	120.00
CIL (£ per unit)	6,992
Site Specific S106 (£ per unit)	5,000
Sub-total CIL+S106 (£ per unit)	11,992
Site Infrastructure (£ per unit)	-

Sub-total CIL+S106+Infrastructure (£ per unit) **11,992**

Profit KPI's	
Developers Profit (% on OMS)	17.5%
Developers Profit (% on AH)	6.0%
Developers Profit (% blended)	14.18%
Developers Profit (% on costs)	19.90%
Developers Profit Total (£)	2,086,405

Land Value KPI's

RLV (£/acre (net)) **766,585**

RLV (£/ha (net))	1,894,232
RLV (% of GDV)	12.58%
RLV Total (£)	1,851,443

BLV (£/acre (net)) **200,000**

BLV (£/ha (net))	494,200
BLV Total (£)	483,036
Surplus/Deficit (£/acre) [RLV-BLV]	566,585
Surplus/Deficit (£/ha)	1,400,032
Surplus/Deficit Total (£)	1,368,407
Surplus/Deficit % on GDV	9.3%
Interest on development costs	346,499
Interest on land	160,547
Interest total per unit	11,268

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240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Appraisal Ref: **GF_HV_1** (see Typologies Matrix)
 Scheme Typology: **Greenfield Higher Value 1**
 Site Typology: **Location / Value Zone: Higher**
 Notes: **Mixed - Houses & Flats** No Units: **150**
 Greenfield/Brownfield: **Greenfield**

ASSUMPTIONS - RESIDENTIAL USES																	
Total number of units in scheme		150 Units															
AH Policy requirement (% Target)		40%															
Open Market Sale (OMS) housing		Open Market Sale (OMS) 60%															
AH tenure split %		Affordable Rent:		70.0%		70.0% % Rented											
		Social Rent:		0.0%													
		First Homes:		25.0%													
		Other Intermediate (LCHO/Sub-Market etc.):		5.0%		12.0% % of total (>10% First Homes PPG 023)											
		100%		100.0%													
CIL Rate (£ psm)		120.00 £ psm															
Unit mix -		OMS Unit mix%		MV # units		AH mix%		AH # units		Overall mix%		Total # units					
1 bed House		0.0%		0.0		0.0%		0.0		0%		0.0					
2 bed House		11.0%		9.9		27.0%		16.2		17%		26.1					
3 bed House		57.0%		51.3		50.0%		30.0		54%		81.3					
4 bed House		6.0%		5.4		10.0%		6.0		8%		11.4					
5 bed House		0.0%		0.0		2.0%		1.2		1%		1.2					
1 bed Flat		17.0%		15.3		3.0%		1.8		11%		17.1					
2 bed Flat		9.0%		8.1		8.0%		4.8		9%		12.9					
3 bed Flat		0.0%		0.0		0.0%		0.0		0%		0.0					
Total number of units		100.0%		90.0		100.0%		60.0		100%		150.0					
Net area per unit		(sqm)		(sqft)		Net to Gross %				Gross (GIA) per unit							
OMS Unit Floor areas -																	
1 bed House		0.0		0						0.0		0					
2 bed House		79.0		850						79.0		850					
3 bed House		100.0		1,076						100.0		1,076					
4 bed House		130.0		1,399						130.0		1,399					
5 bed House		150.0		1,615						150.0		1,615					
1 bed Flat		50.0		538		85.0%				58.8		633					
2 bed Flat		70.0		753		85.0%				82.4		886					
3 bed Flat		0.0		0		85.0%				0.0		0					
Net area per unit		(sqm)		(sqft)		Net to Gross %				Gross (GIA) per unit							
AH Unit Floor areas -																	
1 bed House		0.0		0						0.0		0					
2 bed House		79.0		850						79.0		850					
3 bed House		84.0		904						84.0		904					
4 bed House		97.0		1,044						97.0		1,044					
5 bed House		110.0		1,184						110.0		1,184					
1 bed Flat		50.0		538		85.0%				58.8		633					
2 bed Flat		67.0		721		85.0%				78.8		848					
3 bed Flat		0.0		0		85.0%				0.0		0					
OMS Units GIA		(sqm)		(sqft)		AH units GIA				Total GIA (all units)							
Total Gross Floor areas -																	
1 bed House		0		0		0		0		0		0					
2 bed House		782		8,418		1,280		13,776		2,062		22,194					
3 bed House		5,130		55,219		2,520		27,125		7,650		82,344					
4 bed House		702		7,556		582		6,265		1,284		13,821					
5 bed House		0		0		132		1,421		132		1,421					
1 bed Flat		900		9,688		106		1,140		1,006		10,827					
2 bed Flat		667		7,180		378		4,073		1,045		11,253					
3 bed Flat		0		0		0		0		0		0					
		8,181		88,061		4,998		53,798		13,179		141,860					
AH % by floor area:		37.92% AH % by floor area (difference due to mix)															
Open Market Sales values (£) -		£ OMS (per unit)		£ psm		£ psf				total MV £ (no AH)							
1 bed House		0		#DIV/0!		#DIV/0!				0		0					
2 bed House		400,000		5,063		470				10,440,000		75%					
3 bed House		495,000		4,950		460				40,243,500		75%					
4 bed House		575,000		4,423		411				6,555,000		75%					
5 bed House		650,000		4,333		403				780,000		75%					
1 bed Flat		275,000		5,500		511				4,702,500		75%					
2 bed Flat		365,000		5,214		484				4,708,500		75%					
3 bed Flat		0		#DIV/0!		#DIV/0!				0		75%					
										67,429,500							
Affordable Housing values (£) -		Aff. Rent £		% of MV		Social Rent £		% of MV		First Homes £*		% of MV		Other Int. £		% of MV	
1 bed House		0		55%		0		35%		0		70%		0		75%	
2 bed House		220,000		55%		140,000		35%		250,000		70%		300,000		75%	
3 bed House		272,250		55%		173,250		35%		250,000		70%		371,250		75%	
4 bed House		316,250		55%		201,250		35%		250,000		70%		431,250		75%	
5 bed House		357,500		55%		227,500		35%		250,000		70%		487,500		75%	
1 bed Flat		151,250		55%		96,250		35%		192,500		70%		206,250		75%	
2 bed Flat		200,750		55%		127,750		35%		250,000		70%		273,750		75%	
3 bed Flat		0		55%		0		35%		0		70%		0		75%	
																* capped @£250K	

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Scheme Typology:

Greenfield Higher Value 1

No Units: 150

Site Typology:

Location / Value Zone: Higher

Greenfield/Brownfield:

Greenfield

Notes:

Mixed - Houses & Flats

GROSS DEVELOPMENT VALUE				
OMS GDV -				
(part houses due to % mix)				
1 bed House	0.0	@	0	-
2 bed House	9.9	@	400,000	3,960,000
3 bed House	51.3	@	495,000	25,393,500
4 bed House	5.4	@	575,000	3,105,000
5 bed House	0.0	@	650,000	-
1 bed Flat	15.3	@	275,000	4,207,500
2 bed Flat	8.1	@	365,000	2,956,500
3 bed Flat	0.0	@	0	-
	90.0			39,622,500
Affordable Rent GDV -				
1 bed House	0.0	@	0	-
2 bed House	11.3	@	220,000	2,494,800
3 bed House	21.0	@	272,250	5,717,250
4 bed House	4.2	@	316,250	1,328,250
5 bed House	0.8	@	357,500	300,300
1 bed Flat	1.3	@	151,250	190,575
2 bed Flat	3.4	@	200,750	674,520
3 bed Flat	0.0	@	0	-
	42.0			10,705,695
Social Rent GDV -				
1 bed House	0.0	@	0	-
2 bed House	0.0	@	140,000	-
3 bed House	0.0	@	173,250	-
4 bed House	0.0	@	201,250	-
5 bed House	0.0	@	227,500	-
1 bed Flat	0.0	@	96,250	-
2 bed Flat	0.0	@	127,750	-
3 bed Flat	0.0	@	0	-
	0.0			-
First Homes GDV -				
1 bed House	0.0	@	0	-
2 bed House	4.1	@	250,000	1,012,500
3 bed House	7.5	@	250,000	1,875,000
4 bed House	1.5	@	250,000	375,000
5 bed House	0.3	@	250,000	75,000
1 bed Flat	0.5	@	192,500	86,625
2 bed Flat	1.2	@	250,000	300,000
3 bed Flat	0.0	@	0	-
	15.0			3,724,125
Other Intermediate GDV -				
1 bed House	0.0	@	0	-
2 bed House	0.8	@	300,000	243,000
3 bed House	1.5	@	371,250	556,875
4 bed House	0.3	@	431,250	129,375
5 bed House	0.1	@	487,500	29,250
1 bed Flat	0.1	@	206,250	18,563
2 bed Flat	0.2	@	273,750	65,700
3 bed Flat	0.0	@	0	-
	3.0	60.0		1,042,763
Sub-total GDV Residential				
	150			55,095,083
AH on-site cost analysis:		EMV (no AH) less EGDV (inc. AH)		12,334,418
		936 £ psm (total GIA sqm)		82,229 £ per unit (total units)
Grant				
	60	AH units @	0 per unit	-
Total GDV				
				55,095,083

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Scheme Typology: **Greenfield Higher Value 1** No Units: **150**
 Site Typology: Location / Value Zone: **Higher** Greenfield/Brownfield: **Greenfield**
 Notes: **Mixed - Houses & Flats**

DEVELOPMENT COSTS									
Initial Payments -									
Statutory Planning Fees (Residential)									(36,659)
Planning Application Professional Fees, Surveys and reports									(110,000)
CIL (Mrkt only + garages)			8,740 sqm		120.00 £ psm				(1,048,807)
	CIL analysis:		1.90% % of GDV		6,992 £ per unit (total units)				
Site Specific S106 Contributions	Year 1				0				-
	Year 2				0				-
	Year 3				0				-
	Year 4				0				-
	Year 5				0				-
	Year 6				0				-
	Year 7				0				-
	Year 8				0				-
	Year 9				0				-
	Year 10				0				-
	Year 11				0				-
	Year 12				0				-
	Year 13				0				-
	Year 14				0				-
	Year 15				0				-
	Years 1-15		150 units @		5,000 per unit				(750,000)
	Sub-total							(750,000)	(750,000)
	S106 analysis:	285,700 £ per ha	1.36% % of GDV		5,000 £ per unit (total units)				
AH Commuted Sum			13,179 sqm (total)		0 £ psm				-
	Comm. Sum analysis:		0.00% % of GDV						
Construction Costs -									
Site Clearance, Demolition & Remediation			2.63 ha @		0 £ per ha (if brownfield)				-
Site Infrastructure costs -	Year 1		0						-
	Year 2		0						-
	Year 3		0						-
	Year 4		0						-
	Year 5		0						-
	Year 6		0						-
	Year 7		0						-
	Year 8		0						-
	Year 9		0						-
	Year 10		0						-
	Year 11		0						-
	Year 12		0						-
	Year 13		0						-
	Year 14		0						-
	Year 15		0						-
	Years 1-15		150 units @		0 per unit				-
	Sub-total								-
	Infra. Costs analysis:	- £ per ha	0.00% % of GDV		0 £ per unit (total units)				
1 bed House			- sqm @		1,547 psm				-
2 bed House			2,062 sqm @		1,547 psm				(3,189,759)
3 bed House			7,650 sqm @		1,547 psm				(11,834,550)
4 bed House			1,284 sqm @		1,547 psm				(1,986,348)
5 bed House			132 sqm @		1,547 psm				(204,204)
1 bed Flat			1,006 sqm @		1,698 psm				(1,707,988)
2 bed Flat			1,045 sqm @		1,698 psm				(1,775,109)
3 bed Flat		13,179	- sqm @		1,698 psm				-
Garages for 3B House (Mrkt only)	51	50% units @		18 sqm @	600 psm				(277,020)
Garages for 4B House (Mrkt only)	5	75% units @		24 sqm @	600 psm				(58,320)
Garages for 5B House (Mrkt only)	-	120% units @		32 sqm @	600 psm				-
		559							
External works			21,033,299 @		15.0%				(3,154,995)
	Ext. Works analysis:				21,033 £ per unit (total units)				
Policy Costs on design -									
Environment Act - BNG 10%			150 units @		1,100 £ per unit				(165,000)
HO11 - M4(2) Category 2 Housing	Aff units	60 units @		40% @	1,400 £ per unit				(33,600)
HO11 - M4(2) Category 2 Housing	OMS units	90 units @		40% @	1,400 £ per unit				(50,400)
HO11 - M4(3) Category 3 Housing	Aff units	60 units @		10% @	22,000 £ per unit				(132,000)
HO11 - M4(3) Category 3 Housing	OMS units	90 units @		10% @	22,000 £ per unit				(198,000)
CC1 - FHS 2025 - Option 1		150 units @			6,200 £ per unit				(930,000)
CC1 - Net Zero Carbon	-	21,033,299 base construction @			15.0% % additional				(3,154,995)
EV Charging Points - Houses		120 units @			£ per unit				-
EV Charging Points - Flats		30 units @		4 flats per charger	£ per 4 units				-
CC3 - Water Efficiency		150 units @			10 £ per unit				(1,500)
NH5(b) - Tree-lined Streets		120 houses +		30 flats @	3,300 £ per 4 houses / 10 flats				(108,900)
	Sub-total							(4,665,495)	
	Policy Costs analysis: (design costs only)				31,103 £ per unit (total units)				
Contingency (on construction)			28,962,688 @		5.0%				(1,448,134)

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Scheme Typology: **Greenfield Higher Value 1** No Units: **150**
 Site Typology: Location / Value Zone: **Higher** Greenfield/Brownfield: **Greenfield**
 Notes: **Mixed - Houses & Flats**

Professional Fees	28,962,688	@	10.0%		(2,896,269)
Disposal Costs -					
OMS Marketing and Promotion	39,622,500	OMS @	1.00%	2,642 £ per unit	(396,225)
Residential Sales Agent Costs	39,622,500	OMS @	1.00%	2,642 £ per unit	(396,225)
Residential Sales Legal Costs	90	Units @	£1,250	£ per unit	(112,500)
Affordable Sale Legal Costs	60	Units @	£500	£ per unit	(30,000)
Empty Property Costs					-
Disposal Cost analysis:				6,233 £ per unit (exc. EPC)	
Interest (on Development Costs) -	7.50%	APR	0.604% pcm		(1,850,584)
Developers Profit -					
Profit on OMS	39,622,500		17.50%		(6,933,938)
Margin on AH	15,472,583		6.00% on AH values		(928,355)
Profit analysis:	55,095,083		14.27% blended GDV	(7,862,292)	
	38,038,092		20.67% on costs	(7,862,292)	
TOTAL COSTS					(45,900,384)

RESIDUAL LAND VALUE (RLV)					
Residual Land Value (gross)					9,194,698
SDLT	9,194,698	@	HMRC formula		(449,235)
Acquisition Agent fees	9,194,698	@	1.0%		(91,947)
Acquisition Legal fees	9,194,698	@	0.5%		(45,973)
Interest on Land	9,194,698	@	7.50%		(689,602)
Residual Land Value					7,917,940
RLV analysis:	52,786 £ per plot	3,016,207 £ per ha (net)	1,220,642 £ per acre (net)		
		2,111,345 £ per ha (gross)	854,450 £ per acre (gross)		
			14.37% % RLV / GDV		

BENCHMARK LAND VALUE (BLV)					
Residential Density	57.1	dph (net)			
Site Area (net)	2.63	ha (net)	6.49	acres (net)	
Net to Gross ratio	70%				
Site Area (gross)	3.75	ha (gross)	9.27	acres (gross)	
Density analysis:	5,020	sqm/ha (net)	21,869	sqft/ac (net)	
	40	dph (gross)			
Benchmark Land Value (net)	10,502 £ per plot	600,100 £ per ha (net)	242,857 £ per acre (net)		1,575,340
BLV analysis:		420,070 £ per ha (gross)	170,000 £ per acre (gross)		

BALANCE					
Surplus/(Deficit)	2,416,108	£ per ha (net)	977,785	£ per acre (net)	6,342,600

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Scheme Typology: **Greenfield Higher Value 1** No Units: **150**
 Site Typology: Location / Value Zone: **Higher** Greenfield/Brownfield: **Greenfield**
 Notes: **Mixed - Houses & Flats**

SENSITIVITY ANALYSIS

The following sensitivity tables show the balance of the appraisal (RLV-BLV £ per acre) for changes in appraisal input assumptions above.
 Where the surplus is positive (green) the policy is viable. Where the surplus is negative (red) the policy is not viable.

TABLE 1

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	977,785	15%	20%	25%	30%	35%	40%	45%
CIL £ psm 120.00	0.00	1,417,723	1,361,884	1,306,045	1,249,839	1,193,590	1,137,188	1,080,445
	10.00	1,398,773	1,344,049	1,289,325	1,234,327	1,179,186	1,123,971	1,068,330
	20.00	1,379,822	1,326,213	1,272,604	1,218,814	1,164,781	1,110,748	1,056,215
	30.00	1,360,872	1,308,377	1,255,883	1,203,302	1,150,377	1,097,452	1,044,100
	40.00	1,341,922	1,290,542	1,239,162	1,187,782	1,135,973	1,084,156	1,031,985
	50.00	1,322,971	1,272,706	1,222,441	1,172,176	1,121,568	1,070,859	1,019,870
	60.00	1,303,930	1,254,871	1,205,720	1,156,570	1,107,164	1,057,563	1,007,755
	70.00	1,284,865	1,237,035	1,189,000	1,140,964	1,092,760	1,044,267	995,640
	80.00	1,265,801	1,219,200	1,172,279	1,125,358	1,078,355	1,030,971	983,525
	90.00	1,246,736	1,201,317	1,155,558	1,109,752	1,063,946	1,017,674	971,397
	100.00	1,227,671	1,183,374	1,138,837	1,094,146	1,049,454	1,004,378	959,209
	110.00	1,208,606	1,165,430	1,122,116	1,078,539	1,034,963	991,082	947,021
	120.00	1,189,541	1,147,487	1,105,395	1,062,933	1,020,471	977,785	934,833
	130.00	1,170,476	1,129,543	1,088,610	1,047,327	1,005,980	964,489	922,644
	140.00	1,151,412	1,111,600	1,071,788	1,031,721	991,489	951,193	910,456
	150.00	1,132,347	1,093,657	1,054,967	1,016,115	976,997	937,879	898,268
	160.00	1,113,282	1,075,713	1,038,145	1,000,509	962,506	924,503	886,080
	170.00	1,094,217	1,057,770	1,021,323	984,876	948,014	911,126	873,891
	180.00	1,075,143	1,039,827	1,004,501	969,175	933,523	897,749	861,703
	190.00	1,055,963	1,021,883	987,679	953,475	919,032	884,373	849,515
	200.00	1,036,783	1,003,940	970,857	937,774	904,540	870,996	837,326
	210.00	1,017,603	985,996	954,035	922,074	890,049	857,619	825,138
	220.00	998,423	967,975	937,213	906,373	875,533	844,243	812,928
	230.00	979,243	949,923	920,391	890,673	860,954	830,866	800,666
	240.00	960,063	931,871	903,569	874,972	846,375	817,489	788,404
	250.00	940,883	913,819	886,747	859,272	831,796	804,113	776,142

TABLE 2

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	977,785	15%	20%	25%	30%	35%	40%	45%
Site Specific S106 5,000	8,000	1,120,252	1,078,198	1,036,143	994,061	951,599	909,137	866,374
	9,000	1,097,156	1,055,102	1,013,047	970,993	928,641	886,179	843,554
	10,000	1,074,044	1,032,005	989,951	947,896	905,684	863,222	820,735
	11,000	1,050,808	1,008,909	966,855	924,800	882,726	840,264	797,802
	12,000	1,027,572	985,813	943,758	901,704	859,649	817,307	774,845
	13,000	1,004,336	962,606	920,662	878,607	836,553	794,349	751,887
	14,000	981,100	939,370	897,566	855,511	813,457	771,392	728,930
	15,000	957,865	916,134	874,403	832,415	790,360	748,306	705,972
	16,000	934,629	892,898	851,167	809,319	767,264	725,210	683,015
	17,000	911,393	869,662	827,931	786,201	744,168	702,113	660,057
	18,000	888,157	846,426	804,695	762,965	721,071	679,017	636,963
	19,000	864,921	823,190	781,460	739,729	697,975	655,921	613,866
	20,000	841,685	799,954	758,224	716,493	674,762	632,824	590,770
	21,000	818,354	776,718	734,988	693,257	651,526	609,728	567,674
	22,000	794,977	753,482	711,752	670,021	628,291	586,560	544,577

TABLE 3

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	977,785	15%	20%	25%	30%	35%	40%	45%
Profit 17.5%	15.0%	1,375,589	1,322,590	1,269,555	1,216,149	1,162,743	1,109,113	1,055,216
	16.0%	1,301,170	1,252,549	1,203,891	1,154,863	1,105,834	1,056,582	1,007,063
	17.0%	1,226,751	1,182,508	1,138,227	1,093,576	1,048,926	1,004,051	958,909
	18.0%	1,152,332	1,112,466	1,072,563	1,032,290	992,017	951,520	910,756
	19.0%	1,077,913	1,042,425	1,006,900	971,004	935,108	898,989	862,602
	20.0%	1,003,494	972,383	941,236	909,718	878,200	846,458	814,449

TABLE 4

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	977,785	15%	20%	25%	30%	35%	40%	45%
BLV (£ per acre) 242,857	100,000	1,332,398	1,290,344	1,248,252	1,205,790	1,163,328	1,120,642	1,077,690
	110,000	1,322,398	1,280,344	1,238,252	1,195,790	1,153,328	1,110,642	1,067,690
	120,000	1,312,398	1,270,344	1,228,252	1,185,790	1,143,328	1,100,642	1,057,690
	130,000	1,302,398	1,260,344	1,218,252	1,175,790	1,133,328	1,090,642	1,047,690
	140,000	1,292,398	1,250,344	1,208,252	1,165,790	1,123,328	1,080,642	1,037,690
	150,000	1,282,398	1,240,344	1,198,252	1,155,790	1,113,328	1,070,642	1,027,690
	160,000	1,272,398	1,230,344	1,188,252	1,145,790	1,103,328	1,060,642	1,017,690
	170,000	1,262,398	1,220,344	1,178,252	1,135,790	1,093,328	1,050,642	1,007,690
	180,000	1,252,398	1,210,344	1,168,252	1,125,790	1,083,328	1,040,642	997,690
	190,000	1,242,398	1,200,344	1,158,252	1,115,790	1,073,328	1,030,642	987,690
	200,000	1,232,398	1,190,344	1,148,252	1,105,790	1,063,328	1,020,642	977,690
	210,000	1,222,398	1,180,344	1,138,252	1,095,790	1,053,328	1,010,642	967,690
	220,000	1,212,398	1,170,344	1,128,252	1,085,790	1,043,328	1,000,642	957,690
	230,000	1,202,398	1,160,344	1,118,252	1,075,790	1,033,328	990,642	947,690
	240,000	1,192,398	1,150,344	1,108,252	1,065,790	1,023,328	980,642	937,690
	250,000	1,182,398	1,140,344	1,098,252	1,055,790	1,013,328	970,642	927,690

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Scheme Typology: **Greenfield Higher Value 1** No Units: **150**
Site Typology: Location / Value Zone: **Higher** Greenfield/Brownfield: **Greenfield**
Notes: **Mixed - Houses & Flats**

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	977,785	15%	20%	25%	30%	35%	40%	45%
Density (dph) 57.1	20	258,507	243,788	229,055	214,192	199,330	184,389	169,355
	22	308,644	292,452	276,246	259,897	243,549	227,114	210,576
	24	358,780	341,117	323,437	305,602	287,767	269,838	251,797
	26	408,917	389,781	370,629	351,307	331,986	312,563	293,019
	28	459,053	438,446	417,820	397,012	376,205	355,288	334,240
	30	509,190	487,110	465,011	442,717	420,424	398,012	375,461
	32	559,326	535,774	512,202	488,422	464,642	440,737	416,682
	34	609,463	584,439	559,393	534,127	508,861	483,462	457,903
	36	659,599	633,103	606,584	579,832	553,080	526,186	499,125
	38	709,735	681,768	653,776	625,537	597,298	568,911	540,346
	40	759,872	730,432	700,967	671,242	641,517	611,635	581,567

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	977,785	15%	20%	25%	30%	35%	40%	45%
Build Cost 100% (105% = 5% increase)	98%	1,287,105	1,244,383	1,201,469	1,158,555	1,115,336	1,071,934	1,028,201
	100%	1,189,541	1,147,487	1,105,395	1,062,933	1,020,471	977,785	934,833
	102%	1,091,977	1,050,377	1,008,778	967,178	925,301	883,291	841,133
	104%	993,916	953,100	912,123	870,978	829,833	788,573	747,015
	106%	895,762	855,404	815,045	774,687	734,088	693,397	652,707
	108%	797,386	757,707	717,806	677,906	638,005	598,104	557,871
	110%	698,639	659,449	620,259	581,069	541,681	502,238	462,794
	112%	599,892	561,162	522,432	483,703	444,973	406,244	367,385
	114%	500,596	462,501	424,406	386,311	348,067	309,798	271,528
	116%	401,252	363,620	325,988	288,356	250,724	213,092	175,460
	118%	301,620	264,546	227,472	190,398	153,232	116,063	78,894
	120%	201,675	165,067	128,459	91,850	55,242	18,633	(17,975)

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	977,785	15%	20%	25%	30%	35%	40%	45%
Market Values 100% (105% = 5% increase)	80%	(75,242)	(41,055)	(7,071)	26,706	60,359	93,661	126,649
	82%	52,949	79,222	105,495	131,551	157,389	182,991	208,327
	84%	180,524	199,292	217,670	236,045	254,183	272,094	289,640
	86%	307,807	318,717	329,628	340,226	350,712	360,925	370,915
	88%	434,692	438,058	441,119	444,180	446,988	449,589	451,855
	90%	561,227	556,863	552,498	547,827	543,040	538,033	532,748
	92%	687,457	675,620	663,444	651,268	638,919	626,280	613,416
	94%	813,403	793,839	774,274	754,513	734,520	714,447	693,949
	96%	939,010	912,057	884,814	857,468	830,121	802,301	774,446
	98%	1,064,524	1,029,824	995,123	960,423	925,296	890,155	854,639
	100%	1,189,541	1,147,487	1,105,395	1,062,933	1,020,471	977,785	934,833
	102%	1,314,558	1,264,996	1,215,213	1,165,430	1,115,512	1,065,269	1,014,940
	104%	1,439,239	1,382,135	1,325,030	1,267,820	1,210,286	1,152,753	1,094,814
	106%	1,563,699	1,499,273	1,434,708	1,369,884	1,305,060	1,240,000	1,174,689
	108%	1,688,159	1,616,176	1,544,062	1,471,948	1,399,708	1,327,136	1,254,547
	110%	1,812,226	1,732,821	1,653,417	1,573,938	1,494,105	1,414,272	1,334,124
	112%	1,936,161	1,849,466	1,762,692	1,675,597	1,588,503	1,501,289	1,413,701
	114%	2,060,096	1,965,968	1,871,612	1,777,256	1,682,901	1,588,101	1,493,279
	116%	2,183,767	2,082,150	1,980,533	1,878,915	1,776,969	1,674,912	1,572,749
	118%	2,307,210	2,198,331	2,089,453	1,980,305	1,871,014	1,761,724	1,652,049
	120%	2,430,653	2,314,513	2,198,110	2,081,585	1,965,060	1,848,360	1,731,349

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	977,785	15%	20%	25%	30%	35%	40%	45%
Grant (£ per unit) -	5,000	1,206,759	1,170,444	1,133,920	1,097,163	1,060,406	1,023,150	985,794
	10,000	1,223,978	1,193,402	1,162,444	1,131,392	1,100,127	1,068,515	1,036,522
	15,000	1,241,196	1,216,316	1,190,969	1,165,621	1,139,821	1,113,868	1,087,251
	20,000	1,258,414	1,239,136	1,219,493	1,199,786	1,179,515	1,158,960	1,137,934
	25,000	1,275,632	1,261,955	1,248,018	1,233,809	1,219,210	1,204,053	1,188,358
	30,000	1,292,850	1,284,775	1,276,542	1,267,833	1,258,852	1,249,145	1,238,782
	35,000	1,310,068	1,307,594	1,305,067	1,301,857	1,298,308	1,294,170	1,289,194
	40,000	1,327,237	1,330,414	1,333,468	1,335,881	1,337,764	1,338,991	1,339,315
	45,000	1,344,352	1,353,234	1,361,822	1,369,904	1,377,219	1,383,812	1,389,436
	50,000	1,361,466	1,376,053	1,390,175	1,403,836	1,416,675	1,428,634	1,439,557
	55,000	1,378,581	1,398,873	1,418,528	1,437,655	1,456,008	1,473,339	1,489,404

NOTES

Cells highlighted in yellow are input cells

Cells highlighted in green are sensitivity input cells

Figures in brackets, thus (00,000.00), are negative values / costs

240927 Stevenage WPV Residential Typology Appraisals 40pc AH_v0.2

Scheme Typology: **Greenfield Higher Value 1** No Units: **150**
Site Typology: Location / Value Zone: **Higher** Greenfield/Brownfield: **Greenfield**
Notes: **Mixed - Houses & Flats**

[KPI's for Report Summary Table]

[note that this table is combined with other similar Scheme Typologies as a Summary table]

[please check that it captures the required KPI's that you would like carried forward to the Summary Table]

Appraisal Ref:	GF_HV_1
Scheme Typology:	Greenfield Higher Value 1
No Units:	150
Location / Value Zone:	Higher
Greenfield/Brownfield:	Greenfield
Notes:	Mixed - Houses & Flats
Total GDV (£)	55,095,083
Policy Assumptions	

AH Target % (& mix): **40%**

Affordable Rent:	70%
Social Rent:	0%
First Homes:	25%
Other Intermediate (LCHO/Sub-Market etc.):	5%
CIL (£ psm)	120.00
CIL (£ per unit)	6,992
Site Specific S106 (£ per unit)	5,000
Sub-total CIL+S106 (£ per unit)	11,992
Site Infrastructure (£ per unit)	-

Sub-total CIL+S106+Infrastructure (£ per unit) **11,992**

Profit KPI's	
Developers Profit (% on OMS)	17.5%
Developers Profit (% on AH)	6.0%
Developers Profit (% blended)	14.27%
Developers Profit (% on costs)	20.67%
Developers Profit Total (£)	7,862,292
Land Value KPI's	

RLV (£/acre (net)) **1,220,642**

RLV (£/ha (net))	3,016,207
RLV (% of GDV)	14.37%
RLV Total (£)	7,917,940

BLV (£/acre (net)) **242,857**

BLV (£/ha (net))	600,100
BLV Total (£)	1,575,340
Surplus/Deficit (£/acre) [RLV-BLV]	977,785
Surplus/Deficit (£/ha)	2,416,108
Surplus/Deficit Total (£)	6,342,600
Surplus/Deficit % on GDV	11.5%
Interest on development costs	1,850,584
Interest on land	689,602
Interest total per unit	16,935

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251118 Stevenage WPV OP Housing Appraisals 40pc AH_v0.1

Appraisal Ref: **OP_GF_HV_1** (see Typologies Matrix)
 Scheme Typology: **Older Persons' Greenfield**
 Site Typology: **Location / Value Zone: Higher** No Units: **150**
 Notes: **Greenfield/Brownfield: Greenfield**

ASSUMPTIONS - RESIDENTIAL USES									
Total number of units in scheme			150 Units						
AH Policy requirement (% Target)			40%						
Open Market Sale (OMS) housing			Open Market Sale (OMS) 60%						
AH tenure split %			Affordable Rent: 70.0% Social Rent: 0.0% First Homes: 0.0% Other Intermediate (LCHO/Sub-Market etc.): 30.0%						
			70.0% % Rented						
			12.0% % of total (>10% First Homes PPG 023)						
CIL Rate (£ psm)			120.00 £ psm						
Unit mix -									
	OMS Unit mix%	MV # units	AH mix%	AH # units	Overall mix%	Total # units			
1 bed House	0.0%	0.0	0.0%	0.0	0%	0.0			
2 bed House	0.0%	0.0	0.0%	0.0	0%	0.0			
3 bed House	0.0%	0.0	0.0%	0.0	0%	0.0			
4 bed House	0.0%	0.0	0.0%	0.0	0%	0.0			
5 bed House	0.0%	0.0	0.0%	0.0	0%	0.0			
1 bed Flat	65.0%	58.5	27.0%	16.2	50%	74.7			
2 bed Flat	35.0%	31.5	73.0%	43.8	50%	75.3			
3 bed Flat	0.0%	0.0	0.0%	0.0	0%	0.0			
Total number of units	100.0%	90.0	100.0%	60.0	100%	150.0			
OMS Unit Floor areas -									
	Net area per unit (sqm)	(sqft)	Net to Gross %		Gross (GIA) per unit (sqm)	(sqft)			
1 bed House	0.0	0			0.0	0			
2 bed House	0.0	0			0.0	0			
3 bed House	0.0	0			0.0	0			
4 bed House	0.0	0			0.0	0			
5 bed House	0.0	0			0.0	0			
1 bed Flat	54.0	581	75.0%		72.0	775			
2 bed Flat	79.0	850	75.0%		105.3	1,134			
3 bed Flat	0.0	0	75.0%		0.0	0			
AH Unit Floor areas -									
	Net area per unit (sqm)	(sqft)	Net to Gross %		Gross (GIA) per unit (sqm)	(sqft)			
1 bed House	0.0	0			0.0	0			
2 bed House	0.0	0			0.0	0			
3 bed House	0.0	0			0.0	0			
4 bed House	0.0	0			0.0	0			
5 bed House	0.0	0			0.0	0			
1 bed Flat	55.0	592	75.0%		73.3	789			
2 bed Flat	80.0	861	75.0%		106.7	1,148			
3 bed Flat	0.0	0	75.0%		0.0	0			
Total Gross Floor areas -									
	OMS Units GIA (sqm)	(sqft)	AH units GIA (sqm)	(sqft)	Total GIA (all units) (sqm)	(sqft)			
1 bed House	0	0	0	0	0	0			
2 bed House	0	0	0	0	0	0			
3 bed House	0	0	0	0	0	0			
4 bed House	0	0	0	0	0	0			
5 bed House	0	0	0	0	0	0			
1 bed Flat	4,212	45,338	1,188	12,788	5,400	58,125			
2 bed Flat	3,318	35,715	4,672	50,289	7,990	86,004			
3 bed Flat	0	0	0	0	0	0			
	7,530	81,052	5,860	63,077	13,390	144,129			
AH % by floor area: 43.76% AH % by floor area (difference due to mix)									
Open Market Sales values (£) -									
	£ OMS (per unit)	£ psm	£ psf	total MV £ (no AH)					
1 bed House	0	#DIV/0!	#DIV/0!	0					
2 bed House	0	#DIV/0!	#DIV/0!	0					
3 bed House	0	#DIV/0!	#DIV/0!	0					
4 bed House	0	#DIV/0!	#DIV/0!	0					
5 bed House	0	#DIV/0!	#DIV/0!	0					
1 bed Flat	325,000	6,019	559	24,277,500					
2 bed Flat	425,000	5,380	500	32,002,500					
3 bed Flat	0	#DIV/0!	#DIV/0!	0					
				56,280,000					
Affordable Housing values (£) -									
	Aff. Rent £	% of MV	Social Rent £	% of MV	First Homes £*	% of MV	Other Int. £	% of MV	
1 bed House	0	55%	0	35%	0	70%	0	75%	
2 bed House	0	55%	0	35%	0	70%	0	75%	
3 bed House	0	55%	0	35%	0	70%	0	75%	
4 bed House	0	55%	0	35%	0	70%	0	75%	
5 bed House	0	55%	0	35%	0	70%	0	75%	
1 bed Flat	182,060	55%	115,856	35%	231,713	70%	248,264	75%	
2 bed Flat	236,709	55%	150,633	35%	250,000	70%	322,785	75%	
3 bed Flat	0	55%	0	35%	0	70%	0	75%	
* capped @£250K									

251118 Stevenage WPV OP Housing Appraisals 40pc AH_v0.1

Scheme Typology:

Older Persons' Greenfield

No Units: 150

Site Typology:

Location / Value Zone: Higher

Greenfield/Brownfield: Greenfield

Notes:

GROSS DEVELOPMENT VALUE				
OMS GDV - (part houses due to % mix)				
1 bed House	0.0	@	0	-
2 bed House	0.0	@	0	-
3 bed House	0.0	@	0	-
4 bed House	0.0	@	0	-
5 bed House	0.0	@	0	-
1 bed Flat	58.5	@	325,000	19,012,500
2 bed Flat	31.5	@	425,000	13,387,500
3 bed Flat	0.0	@	0	-
	90.0			32,400,000
Affordable Rent GDV -				
1 bed House	0.0	@	0	-
2 bed House	0.0	@	0	-
3 bed House	0.0	@	0	-
4 bed House	0.0	@	0	-
5 bed House	0.0	@	0	-
1 bed Flat	11.3	@	182,060	2,064,563
2 bed Flat	30.7	@	236,709	7,257,494
3 bed Flat	0.0	@	0	-
	42.0			9,322,056
Social Rent GDV -				
1 bed House	0.0	@	0	-
2 bed House	0.0	@	0	-
3 bed House	0.0	@	0	-
4 bed House	0.0	@	0	-
5 bed House	0.0	@	0	-
1 bed Flat	0.0	@	115,856	-
2 bed Flat	0.0	@	150,633	-
3 bed Flat	0.0	@	0	-
	0.0			-
First Homes GDV -				
1 bed House	0.0	@	0	-
2 bed House	0.0	@	0	-
3 bed House	0.0	@	0	-
4 bed House	0.0	@	0	-
5 bed House	0.0	@	0	-
1 bed Flat	0.0	@	231,713	-
2 bed Flat	0.0	@	250,000	-
3 bed Flat	0.0	@	0	-
	0.0			-
Other Intermediate GDV -				
1 bed House	0.0	@	0	-
2 bed House	0.0	@	0	-
3 bed House	0.0	@	0	-
4 bed House	0.0	@	0	-
5 bed House	0.0	@	0	-
1 bed Flat	4.9	@	248,264	1,206,563
2 bed Flat	13.1	@	322,785	4,241,392
3 bed Flat	0.0	@	0	-
	18.0	60.0		5,447,955
Sub-total GDV Residential				
	150			47,170,011
AH on-site cost analysis:				
	680 £ psm (total GIA sqm)		£MV (no AH) less EGDV (inc. AH)	9,109,989
			60,733 £ per unit (total units)	
Grant				
	60	AH units @	0 per unit	-
Total GDV				
				47,170,011

251118 Stevenage WPV OP Housing Appraisals 40pc AH_v0.1

Scheme Typology: **Older Persons' Greenfield** No Units: **150**
 Site Typology: Location / Value Zone: **Higher** Greenfield/Brownfield: **Greenfield**
 Notes:

DEVELOPMENT COSTS									
Initial Payments -									
Statutory Planning Fees (Residential)									(36,659)
Planning Application Professional Fees, Surveys and reports									(110,000)
CIL (Mrkt only + garages)									(903,600)
CIL analysis:									
			7,530 sqm		120.00 £ psm				
			1.92% % of GDV		6,024 £ per unit (total units)				
Site Specific S106 Contributions	Year 1				0				-
	Year 2				0				-
	Year 3				0				-
	Year 4				0				-
	Year 5				0				-
	Year 6				0				-
	Year 7				0				-
	Year 8				0				-
	Year 9				0				-
	Year 10				0				-
	Year 11				0				-
	Year 12				0				-
	Year 13				0				-
	Year 14				0				-
	Year 15				0				-
	Years 1-15		150 units @		5,000 per unit				(750,000)
	Sub-total							(750,000)	
S106 analysis:									
		625,000 £ per ha	1.59% % of GDV		5,000 £ per unit (total units)				
AH Commuted Sum			13,390 sqm (total)		0 £ psm				-
Comm. Sum analysis:									
			0.00% % of GDV						
Construction Costs -									
Site Clearance, Demolition & Remediation			1.20 ha @		0 £ per ha (if brownfield)				-
Site Infrastructure costs -	Year 1		0						-
	Year 2		0						-
	Year 3		0						-
	Year 4		0						-
	Year 5		0						-
	Year 6		0						-
	Year 7		0						-
	Year 8		0						-
	Year 9		0						-
	Year 10		0						-
	Year 11		0						-
	Year 12		0						-
	Year 13		0						-
	Year 14		0						-
	Year 15		0						-
	Years 1-15		150 units @		0 per unit				-
	Sub-total								-
Infra. Costs analysis:									
		- £ per ha	0.00% % of GDV		0 £ per unit (total units)				
1 bed House			- sqm @		psm				-
2 bed House			- sqm @		psm				-
3 bed House			- sqm @		psm				-
4 bed House			- sqm @		psm				-
5 bed House			- sqm @		psm				-
1 bed Flat			5,400 sqm @		2,006 psm			(10,832,400)	
2 bed Flat			7,990 sqm @		2,006 psm			(16,027,940)	
3 bed Flat		13,390	- sqm @		2,006 psm			-	
Garages for 3B House (Mrkt only)	-	50% units @		18 sqm @	0 psm			-	
Garages for 4B House (Mrkt only)	-	75% units @		18 sqm @	0 psm			-	
Garages for 5B House (Mrkt only)	-	100% units @		18 sqm @	0 psm			-	
External works			26,860,340 @		15.0%			(4,029,051)	
Ext. Works analysis:									
					26,860 £ per unit (total units)				
Policy Costs on design -									
SC8 - Net Biodiversity costs			150 units @		1,100 £ per unit			(165,000)	
HO11 - M4(2) Category 2 Housing	Aff units	60 units @		40% @	1,400 £ per unit			(33,600)	
HO11 - M4(2) Category 2 Housing	OMS units	90 units @		40% @	1,400 £ per unit			(50,400)	
HO11 - M4(3) Category 3 Housing	Aff units	60 units @		10% @	22,000 £ per unit			(132,000)	
HO11 - M4(3) Category 3 Housing	OMS units	90 units @		10% @	22,000 £ per unit			(198,000)	
CC1 - FHS 2025 - Option 1		150 units @			6,200 £ per unit			(930,000)	
CC1 - Net Zero Carbon	-	26,860,340 base construction @			15% % additional			(4,029,051)	
EV Charging Points - Houses	-	units @			£ per unit			-	
EV Charging Points - Flats	150 units @				0 £ per 4 units			-	
CC3 - Water Efficiency	150 units @				10 £ per unit			(1,500)	
NH5(b) - Tree-lined Streets	-	houses +	150 flats @		3,300 £ per 4 houses / 1			(49,500)	
	Sub-total							(5,589,051)	
Policy Costs analysis: (design costs only)									
					37,260 £ per unit (total units)				
Contingency (on construction)			36,478,442 @		5.0%			(1,823,922)	

251118 Stevenage WPV OP Housing Appraisals 40pc AH_v0.1

Scheme Typology: **Older Persons' Greenfield** No Units: **150**
 Site Typology: Location / Value Zone: **Higher** Greenfield/Brownfield: **Greenfield**
 Notes:

Professional Fees	36,478,442	@	10.0%		(3,647,844)
Disposal Costs -					
OMS Marketing and Promotion	32,400,000	OMS @	2.00%	4,320 £ per unit	(648,000)
Residential Sales Agent Costs	32,400,000	OMS @	1.00%	2,160 £ per unit	(324,000)
Residential Sales Legal Costs	90	OMS @	£ 1,250.00	£ per unit	(112,500)
Affordable Sale Legal Costs	60	AH@	£ 500.00	£ per unit	(30,000)
Empty Property Costs	60.0	units @	£ 500		(30,000)
Disposal Cost analysis:				7,430 £ per unit (exc. EPC)	
Interest (on Development Costs) -	7.50%	APR	0.604%	pcm	(7,635,535)
	0				
Developers Profit -					
Profit on OMS	32,400,000		17.50%		(5,670,000)
Margin on AH	14,770,011		6.00%	on AH values	(886,201)
Profit analysis:	47,170,011		13.90%	blended GDV	(6,556,201)
	52,530,502		12.48%	on costs	(6,556,201)
TOTAL COSTS					(59,086,703)

RESIDUAL LAND VALUE (RLV)					
Residual Land Value (gross)					(11,916,692)
SDLT	-	@	HMRC formula		-
Acquisition Agent fees	-	@	1.0%		-
Acquisition Legal fees	-	@	0.5%		-
Interest on Land	-	@	7.50%		-
Residual Land Value					(11,916,692)
RLV analysis:	(79,445) £ per plot	(9,930,576) £ per ha (net)	(4,018,849) £ per acre (net)		
		(7,447,932) £ per ha (gross)	(3,014,137) £ per acre (gross)		
			-25.26% % RLV / GDV		

BENCHMARK LAND VALUE (BLV)					
Residential Density	125.0	dph (net)			
Site Area (net)	1.20	ha (net)	2.97	acres (net)	
Net to Gross ratio	75%				
Site Area (gross)	1.60	ha (gross)	3.95	acres (gross)	
Density analysis:	11,158	sqm/ha (net)	48,607	sqft/ac (net)	
	94	dph (gross)			
Benchmark Land Value (net)	4,481 £ per plot	560,092 £ per ha (net)	226,668 £ per acre (net)		672,110
BLV analysis:		420,069 £ per ha (gross)	170,000 £ per acre (gross)		

BALANCE					
Surplus/(Deficit)		(10,490,668) £ per ha (net)	(4,245,515) £ per acre (net)		(12,588,802)

251118 Stevenage WPV OP Housing Appraisals 40pc AH_v0.1

Scheme Typology:

Older Persons' Greenfield

No Units: 150

Site Typology:

Location / Value Zone: Higher

Greenfield/Brownfield: Greenfield

Notes:

SENSITIVITY ANALYSIS

The following sensitivity tables show the balance of the appraisal (RLV-BLV £ per acre) for changes in appraisal input assumptions above.

Where the surplus is positive (green) the policy is viable. Where the surplus is negative (red) the policy is not viable.

TABLE 1

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(4,245,515)	0%	10%	20%	25%	30%	35%	40%
CIL £ psm 120.00	0.00	(2,638,361)	(2,930,760)	(3,226,698)	(3,375,389)	(3,524,080)	(3,672,771)	(3,821,463)
	10.00	(2,696,552)	(2,983,448)	(3,273,815)	(3,419,561)	(3,565,308)	(3,711,054)	(3,856,800)
	20.00	(2,754,742)	(3,036,136)	(3,320,932)	(3,463,733)	(3,606,535)	(3,749,336)	(3,892,138)
	30.00	(2,812,933)	(3,088,824)	(3,368,049)	(3,507,906)	(3,647,762)	(3,787,619)	(3,927,476)
	40.00	(2,871,124)	(3,141,512)	(3,415,166)	(3,552,078)	(3,688,990)	(3,825,902)	(3,962,813)
	50.00	(2,929,342)	(3,194,349)	(3,462,283)	(3,596,250)	(3,730,217)	(3,864,184)	(3,998,151)
	60.00	(2,987,884)	(3,247,355)	(3,509,400)	(3,640,422)	(3,771,444)	(3,902,467)	(4,033,489)
	70.00	(3,046,427)	(3,300,362)	(3,556,517)	(3,684,594)	(3,812,672)	(3,940,749)	(4,068,827)
	80.00	(3,104,969)	(3,353,368)	(3,603,634)	(3,728,766)	(3,853,899)	(3,979,032)	(4,104,164)
	90.00	(3,163,511)	(3,406,375)	(3,650,751)	(3,772,939)	(3,895,126)	(4,017,314)	(4,139,502)
	100.00	(3,222,054)	(3,459,382)	(3,697,868)	(3,817,111)	(3,936,354)	(4,055,597)	(4,174,840)
	110.00	(3,280,596)	(3,512,388)	(3,744,985)	(3,861,283)	(3,977,581)	(4,093,879)	(4,210,177)
	120.00	(3,339,138)	(3,565,395)	(3,792,102)	(3,905,455)	(4,018,808)	(4,132,162)	(4,245,515)
	130.00	(3,397,681)	(3,618,401)	(3,839,219)	(3,949,627)	(4,060,036)	(4,170,444)	(4,280,853)
	140.00	(3,456,480)	(3,671,408)	(3,886,335)	(3,993,799)	(4,101,263)	(4,208,727)	(4,316,191)
	150.00	(3,515,377)	(3,724,415)	(3,933,452)	(4,037,971)	(4,142,490)	(4,247,009)	(4,351,528)
	160.00	(3,574,273)	(3,777,421)	(3,980,569)	(4,082,144)	(4,183,718)	(4,285,292)	(4,386,866)
	170.00	(3,633,169)	(3,830,428)	(4,027,686)	(4,126,316)	(4,224,945)	(4,323,574)	(4,422,204)
	180.00	(3,692,065)	(3,883,434)	(4,074,803)	(4,170,488)	(4,266,172)	(4,361,857)	(4,457,542)
	190.00	(3,750,961)	(3,936,441)	(4,121,920)	(4,214,660)	(4,307,400)	(4,400,140)	(4,492,879)
	200.00	(3,809,858)	(3,989,447)	(4,169,037)	(4,258,832)	(4,348,627)	(4,438,422)	(4,528,217)
	210.00	(3,868,754)	(4,042,454)	(4,216,154)	(4,303,004)	(4,389,854)	(4,476,705)	(4,563,555)
	220.00	(3,927,650)	(4,095,461)	(4,263,271)	(4,347,177)	(4,431,082)	(4,514,987)	(4,598,892)
	230.00	(3,986,546)	(4,148,467)	(4,310,388)	(4,391,349)	(4,472,309)	(4,553,270)	(4,634,230)
	240.00	(4,045,442)	(4,201,474)	(4,357,505)	(4,435,521)	(4,513,537)	(4,591,552)	(4,669,568)
	250.00	(4,104,339)	(4,254,480)	(4,404,622)	(4,479,693)	(4,554,764)	(4,629,835)	(4,704,906)

TABLE 2

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(4,245,515)	0%	10%	20%	25%	30%	35%	40%
-	-	(2,989,284)	(3,213,425)	(3,440,132)	(3,553,486)	(3,666,839)	(3,780,192)	(3,893,546)
Site Specific S106 5,000	1,000	(3,059,255)	(3,283,819)	(3,510,526)	(3,623,879)	(3,737,233)	(3,850,586)	(3,963,940)
	2,000	(3,129,226)	(3,354,213)	(3,580,920)	(3,694,273)	(3,807,627)	(3,920,980)	(4,034,334)
	3,000	(3,199,196)	(3,424,607)	(3,651,314)	(3,764,667)	(3,878,021)	(3,991,374)	(4,104,727)
	4,000	(3,269,167)	(3,495,001)	(3,721,708)	(3,835,061)	(3,948,415)	(4,061,768)	(4,175,121)
	5,000	(3,339,138)	(3,565,395)	(3,792,102)	(3,905,455)	(4,018,808)	(4,132,162)	(4,245,515)
	7,500	(3,514,673)	(3,741,379)	(3,968,086)	(4,081,440)	(4,194,793)	(4,308,146)	(4,421,500)
	10,000	(3,690,657)	(3,917,364)	(4,144,071)	(4,257,424)	(4,370,778)	(4,484,131)	(4,597,485)
	12,500	(3,866,642)	(4,093,349)	(4,320,056)	(4,433,409)	(4,546,762)	(4,660,116)	(4,773,469)
	15,000	(4,042,627)	(4,269,333)	(4,496,040)	(4,609,394)	(4,722,747)	(4,836,101)	(4,949,454)
	17,500	(4,218,611)	(4,445,318)	(4,672,025)	(4,785,378)	(4,898,732)	(5,012,085)	(5,125,439)
	20,000	(4,394,596)	(4,621,303)	(4,848,010)	(4,961,363)	(5,074,716)	(5,188,070)	(5,301,423)
	25,000	(4,746,565)	(4,973,272)	(5,199,979)	(5,313,332)	(5,426,686)	(5,540,039)	(5,653,393)
	30,000	(5,098,535)	(5,325,242)	(5,551,948)	(5,665,302)	(5,778,655)	(5,892,009)	(6,005,362)
	35,000	(5,450,504)	(5,677,211)	(5,903,918)	(6,017,271)	(6,130,625)	(6,243,978)	(6,357,331)

TABLE 3

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(4,245,515)	0%	10%	20%	25%	30%	35%	40%
Profit 17.5%	15.0%	(2,883,857)	(3,155,642)	(3,427,877)	(3,563,994)	(3,700,111)	(3,836,229)	(3,972,346)
	16.0%	(3,065,969)	(3,319,543)	(3,573,567)	(3,700,578)	(3,827,590)	(3,954,602)	(4,081,614)
	17.0%	(3,248,082)	(3,483,444)	(3,719,257)	(3,837,163)	(3,955,069)	(4,072,975)	(4,190,881)
	18.0%	(3,430,195)	(3,647,345)	(3,864,947)	(3,973,747)	(4,082,548)	(4,191,348)	(4,300,149)
	19.0%	(3,612,307)	(3,811,247)	(4,010,637)	(4,110,332)	(4,210,027)	(4,309,721)	(4,409,416)
	20.0%	(3,794,420)	(3,975,148)	(4,156,327)	(4,246,916)	(4,337,505)	(4,428,095)	(4,518,684)

TABLE 4

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(4,245,515)	0%	10%	20%	25%	30%	35%	40%
BLV (£ per acre) 226,666	100,000	(3,212,472)	(3,438,729)	(3,665,436)	(3,778,789)	(3,892,142)	(4,005,496)	(4,118,849)
	125,000	(3,237,472)	(3,463,729)	(3,690,436)	(3,803,789)	(3,917,142)	(4,030,496)	(4,143,849)
	150,000	(3,262,472)	(3,488,729)	(3,715,436)	(3,828,789)	(3,942,142)	(4,055,496)	(4,168,849)
	175,000	(3,287,472)	(3,513,729)	(3,740,436)	(3,853,789)	(3,967,142)	(4,080,496)	(4,193,849)
	200,000	(3,312,472)	(3,538,729)	(3,765,436)	(3,878,789)	(3,992,142)	(4,105,496)	(4,218,849)
	225,000	(3,337,472)	(3,563,729)	(3,790,436)	(3,903,789)	(4,017,142)	(4,130,496)	(4,243,849)
	250,000	(3,362,472)	(3,588,729)	(3,815,436)	(3,928,789)	(4,042,142)	(4,155,496)	(4,268,849)
	275,000	(3,387,472)	(3,613,729)	(3,840,436)	(3,953,789)	(4,067,142)	(4,180,496)	(4,293,849)
	300,000	(3,412,472)	(3,638,729)	(3,865,436)	(3,978,789)	(4,092,142)	(4,205,496)	(4,318,849)
	325,000	(3,437,472)	(3,663,729)	(3,890,436)	(4,003,789)	(4,117,142)	(4,230,496)	(4,343,849)
	350,000	(3,462,472)	(3,688,729)	(3,915,436)	(4,028,789)	(4,142,142)	(4,255,496)	(4,368,849)
	375,000	(3,487,472)	(3,713,729)	(3,940,436)	(4,053,789)	(4,167,142)	(4,280,496)	(4,393,849)
	400,000	(3,512,472)	(3,738,729)	(3,965,436)	(4,078,789)	(4,192,142)	(4,305,496)	(4,418,849)
	425,000	(3,537,472)	(3,763,729)	(3,990,436)	(4,103,789)	(4,217,142)	(4,330,496)	(4,443,849)
	450,000	(3,562,472)	(3,788,729)	(4,015,436)	(4,128,789)	(4,242,142)	(4,355,496)	(4,468,849)
	475,000	(3,587,472)	(3,813,729)	(4,040,436)	(4,153,789)	(4,267,142)	(4,380,496)	(4,493,849)

251118 Stevenage WPV OP Housing Appraisals 40pc AH_v0.1

Scheme Typology:
Site Typology:
Notes:

Older Persons' Greenfield
Location / Value Zone:

Higher

No Units: 150

Greenfield/Brownfield:

Greenfield

TABLE 5

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(4,245,515)	0%	10%	20%	25%	30%	35%	40%
Density (dph) 125.0	100	(2,716,644)	(2,897,649)	(3,079,014)	(3,169,697)	(3,260,380)	(3,351,063)	(3,441,745)
	110	(2,965,642)	(3,164,747)	(3,364,249)	(3,464,000)	(3,563,751)	(3,663,502)	(3,763,253)
	120	(3,214,639)	(3,431,846)	(3,649,484)	(3,758,303)	(3,867,123)	(3,975,942)	(4,084,761)
	130	(3,463,637)	(3,698,944)	(3,934,719)	(4,052,607)	(4,170,494)	(4,288,382)	(4,406,269)
	140	(3,712,635)	(3,966,042)	(4,219,954)	(4,346,910)	(4,473,865)	(4,600,821)	(4,727,777)
	150	(3,961,633)	(4,233,140)	(4,505,189)	(4,641,213)	(4,777,237)	(4,913,261)	(5,049,285)
	160	(4,210,630)	(4,500,239)	(4,790,424)	(4,935,516)	(5,080,608)	(5,225,701)	(5,370,793)
	170	(4,459,628)	(4,767,337)	(5,075,658)	(5,229,819)	(5,383,980)	(5,538,140)	(5,692,301)
	180	(4,708,626)	(5,034,435)	(5,360,893)	(5,524,122)	(5,687,351)	(5,850,580)	(6,013,809)
	190	(4,957,624)	(5,301,534)	(5,646,128)	(5,818,425)	(5,990,722)	(6,163,020)	(6,335,317)
	200	(5,206,622)	(5,568,632)	(5,931,363)	(6,112,728)	(6,294,094)	(6,475,459)	(6,656,825)

TABLE 6

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(4,245,515)	0%	10%	20%	25%	30%	35%	40%
Build Cost 100% (105% = 5% increase)	65%	2,204,337	2,102,852	2,000,329	1,948,879	1,896,761	1,844,483	1,791,408
	70%	1,497,581	1,386,292	1,274,287	1,218,217	1,162,147	1,105,742	1,049,124
	75%	783,834	661,399	538,744	477,417	416,090	354,763	293,435
	80%	62,404	(72,058)	(209,205)	(285,829)	(364,180)	(442,531)	(520,882)
	85%	(742,307)	(913,911)	(1,086,213)	(1,172,532)	(1,258,851)	(1,345,513)	(1,432,500)
	90%	(1,598,707)	(1,787,107)	(1,976,857)	(2,071,931)	(2,168,011)	(2,264,225)	(2,361,475)
	95%	(2,464,089)	(2,670,850)	(2,879,685)	(2,985,371)	(3,091,336)	(3,197,300)	(3,303,265)
	100%	(3,339,138)	(3,565,395)	(3,792,102)	(3,905,455)	(4,018,808)	(4,132,162)	(4,245,515)
	105%	(4,221,828)	(4,463,312)	(4,704,797)	(4,825,539)	(4,946,281)	(5,067,023)	(5,187,766)
	110%	(5,104,967)	(5,361,230)	(5,617,492)	(5,745,623)	(5,873,754)	(6,001,885)	(6,130,016)
	115%	(5,988,107)	(6,259,147)	(6,530,187)	(6,665,707)	(6,801,226)	(6,936,746)	(7,072,266)
	120%	(6,871,247)	(7,157,064)	(7,442,882)	(7,585,790)	(7,728,699)	(7,871,608)	(8,014,517)

TABLE 7

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(4,245,515)	0%	10%	20%	25%	30%	35%	40%
Market Values 100% (105% = 5% increase)	50%	(11,638,789)	(11,035,486)	(10,432,182)	(10,130,531)	(9,828,879)	(9,527,227)	(9,225,576)
	55%	(10,808,779)	(10,288,476)	(9,768,174)	(9,508,023)	(9,247,872)	(8,987,721)	(8,727,570)
	60%	(9,978,769)	(9,541,467)	(9,104,166)	(8,885,516)	(8,666,865)	(8,448,214)	(8,229,564)
	65%	(9,148,759)	(8,794,458)	(8,440,158)	(8,263,008)	(8,085,858)	(7,908,708)	(7,731,558)
	70%	(8,318,748)	(8,047,449)	(7,776,150)	(7,640,500)	(7,504,851)	(7,369,201)	(7,233,552)
	75%	(7,488,738)	(7,300,440)	(7,112,142)	(7,017,993)	(6,923,844)	(6,829,695)	(6,735,545)
	80%	(6,658,728)	(6,553,431)	(6,448,134)	(6,395,485)	(6,342,837)	(6,290,188)	(6,237,539)
	85%	(5,828,718)	(5,806,422)	(5,784,126)	(5,772,978)	(5,761,830)	(5,750,681)	(5,739,533)
	90%	(4,998,708)	(5,059,413)	(5,120,118)	(5,150,470)	(5,180,823)	(5,211,175)	(5,241,527)
	95%	(4,168,698)	(4,312,404)	(4,456,110)	(4,527,963)	(4,599,815)	(4,671,668)	(4,743,521)
	100%	(3,339,138)	(3,565,395)	(3,792,102)	(3,905,455)	(4,018,808)	(4,132,162)	(4,245,515)
	105%	(2,518,511)	(2,821,536)	(3,128,093)	(3,282,947)	(3,437,801)	(3,592,655)	(3,747,509)
	110%	(1,708,265)	(2,087,484)	(2,470,084)	(2,662,737)	(2,857,083)	(3,053,149)	(3,249,503)
	115%	(906,432)	(1,361,676)	(1,819,837)	(2,050,487)	(2,282,294)	(2,515,786)	(2,751,497)
	120%	(124,412)	(642,554)	(1,176,278)	(1,444,527)	(1,714,158)	(1,985,186)	(2,258,164)
	125%	553,735	32,198	(538,625)	(844,537)	(1,151,301)	(1,459,655)	(1,769,944)
	130%	1,226,615	640,555	52,473	(249,208)	(593,555)	(939,339)	(1,286,745)
	135%	1,895,448	1,245,031	592,667	265,698	(62,704)	(422,969)	(807,400)
	140%	2,560,689	1,846,013	1,129,515	770,411	410,101	49,024	(331,603)
	145%	3,222,762	2,443,882	1,663,362	1,272,300	880,068	487,165	92,858
	150%	3,882,084	3,039,018	2,194,545	1,771,684	1,347,494	922,758	496,688

TABLE 8

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(4,245,515)	0%	10%	20%	25%	30%	35%	40%
Grant (£ per unit) -	5,000	(3,339,138)	(3,530,198)	(3,721,708)	(3,817,463)	(3,913,218)	(4,008,973)	(4,104,727)
	10,000	(3,339,138)	(3,495,001)	(3,651,314)	(3,729,470)	(3,807,627)	(3,885,783)	(3,963,940)
	15,000	(3,339,138)	(3,459,804)	(3,580,920)	(3,641,478)	(3,702,036)	(3,762,594)	(3,823,152)
	20,000	(3,339,138)	(3,424,607)	(3,510,526)	(3,553,486)	(3,596,445)	(3,639,405)	(3,682,364)
	25,000	(3,339,138)	(3,389,410)	(3,440,132)	(3,465,493)	(3,490,854)	(3,516,215)	(3,541,576)
	30,000	(3,339,138)	(3,354,213)	(3,369,738)	(3,377,501)	(3,385,264)	(3,393,026)	(3,400,789)
	35,000	(3,339,138)	(3,319,016)	(3,299,344)	(3,289,509)	(3,279,673)	(3,269,837)	(3,260,001)
	40,000	(3,339,138)	(3,283,819)	(3,228,951)	(3,201,516)	(3,174,082)	(3,146,648)	(3,119,213)
	45,000	(3,339,138)	(3,248,622)	(3,158,557)	(3,113,524)	(3,068,491)	(3,023,458)	(2,978,425)
	50,000	(3,339,138)	(3,213,425)	(3,088,163)	(3,025,532)	(2,962,900)	(2,900,269)	(2,837,638)
	55,000	(3,339,138)	(3,178,228)	(3,017,769)	(2,937,539)	(2,857,309)	(2,777,080)	(2,696,850)

NOTES

Cells highlighted in yellow are input cells

Cells highlighted in green are sensitivity input cells

Figures in brackets, thus (00,000.00), are negative values / costs

251118 Stevenage WPV OP Housing Appraisals 40pc AH_v0.1

Scheme Typology:
Site Typology:
Notes:

Older Persons' Greenfield
Location / Value Zone: **Higher**

No Units: **150**
Greenfield/Brownfield: **Greenfield**

[KPI's for Report Summary Table]

[note that this table is combined with other similar Scheme Typologies as a Summary table]

[please check that it captures the required KPI's that you would like carried forward to the Summary Table]

Appraisal Ref:	OP_GF_HV_1
Scheme Typology:	Older Persons' Greenfield
No Units:	150
Location / Value Zone:	Higher
Greenfield/Brownfield:	Greenfield
Notes:	0
Total GDV (£)	47,170,011
Policy Assumptions	

AH Target % (& mix):	40%
---------------------------------	------------

Affordable Rent:	70%
Social Rent:	0%
First Homes:	0%
Other Intermediate (LCHO/Sub-Market etc.):	30%
CIL (£ psm)	120.00
CIL (£ per unit)	6,024
Site Specific S106 (£ per unit)	5,000
Sub-total CIL+S106 (£ per unit)	11,024
Site Infrastructure (£ per unit)	-

Sub-total CIL+S106+Infrastructure (£ per unit)	11,024
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Profit KPI's	
Developers Profit (% on OMS)	17.5%
Developers Profit (% on AH)	6.0%
Developers Profit (% blended)	13.90%
Developers Profit (% on costs)	12.48%
Developers Profit Total (£)	6,556,201

Land Value KPI's	
-------------------------	--

RLV (£/acre (net))	(4,018,849)
---------------------------	--------------------

RLV (£/ha (net))	(9,930,576)
RLV (% of GDV)	-25.26%
RLV Total (£)	(11,916,692)

BLV (£/acre (net))	226,666
---------------------------	----------------

BLV (£/ha (net))	560,092
BLV Total (£)	672,110
Surplus/Deficit (£/acre) [RLV-BLV]	(4,245,515)
Surplus/Deficit (£/ha)	(10,490,668)
Surplus/Deficit Total (£)	(12,588,802)

Interest on development costs	7,635,535
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Interest on land	-
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Interest total per unit	50,904
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251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Appraisal Ref: **HO2 - Stevenage West** (see Typologies Matrix)
 Scheme Typology: **Strategic Site 1**
 Site Typology: **Location / Value Zone: Higher Greenfield/Brownfield: Greenfield**
 Notes: **1,450no. Dwellings + 10,000 sqm employment + convenience retail**

ASSUMPTIONS - RESIDENTIAL USES

Total number of units in scheme		1,450 Units							
AH Policy requirement (% Target)		40%							
Open Market Sale (OMS) housing		60%							
AH tenure split %	Open Market Sale (OMS)								
	Affordable Rent:	70.0%							
	Social Rent:	0.0%	70.0% % Rented						
	First Homes:	25.0%							
	Other Intermediate (LCHO/Sub-Market etc.):	5.0%	12.0% % of total (>10% First Homes PPG 023)						
		100%	100.0%						
CIL Rate (£ psm)		120.00 £ psm							
Unit mix -	OMS Unit mix%	MV # units	AH mix%	AH # units	Overall mix%	Total # units			
1 bed House	0.0%	0.0	0.0%	0.0	0%	0.0			
2 bed House	11.0%	95.7	27.0%	156.6	17%	252.3			
3 bed House	57.0%	495.9	50.0%	290.0	54%	785.9			
4 bed House	6.0%	52.2	10.0%	58.0	8%	110.2			
5 bed House	0.0%	0.0	2.0%	11.6	1%	11.6			
1 bed Flat	17.0%	147.9	3.0%	17.4	11%	165.3			
2 bed Flat	9.0%	78.3	8.0%	46.4	9%	124.7			
Total number of units	100.0%	870.0	100.0%	580.0	100%	1,450.0			
OMS Unit Floor areas -	Net area per unit		Net to Gross %		Gross (GIA) per unit				
	(sqm)	(sqft)	%		(sqm)	(sqft)			
	1 bed House	0.0			0.0	0			
	2 bed House	79.0			79.0	850			
	3 bed House	100.0			100.0	1,076			
	4 bed House	130.0			130.0	1,399			
	5 bed House	150.0			150.0	1,615			
	1 bed Flat	50.0	85.0%		58.8	633			
2 bed Flat	70.0	753	85.0%	82.4	886				
AH Unit Floor areas -	Net area per unit		Net to Gross %		Gross (GIA) per unit				
	(sqm)	(sqft)	%		(sqm)	(sqft)			
	1 bed House	0.0			0.0	0			
	2 bed House	79.0			79.0	850			
	3 bed House	84.0			84.0	904			
	4 bed House	97.0			97.0	1,044			
	5 bed House	110.0			110.0	1,184			
	1 bed Flat	50.0	85.0%		58.8	633			
2 bed Flat	67.0	721	85.0%	78.8	848				
Total Gross Floor areas -	OMS Units GIA		AH Units GIA		Total GIA (all units)				
	(sqm)	(sqft)	(sqm)	(sqft)	(sqm)	(sqft)			
	1 bed House	0	0	0	0	0			
	2 bed House	7,560	81,378	12,371	133,165	19,932	214,543		
	3 bed House	49,590	533,782	24,360	262,209	73,950	795,991		
	4 bed House	6,786	73,044	5,626	60,558	12,412	133,602		
	5 bed House	0	0	1,276	13,735	1,276	13,735		
	1 bed Flat	8,700	93,646	1,024	11,017	9,724	104,663		
2 bed Flat	6,448	69,408	3,657	39,368	10,106	108,776			
	79,085	851,259	48,314	520,051	127,399	1,371,310			
AH % by floor area:		37.92% AH % by floor area (difference due to mix)							
Open Market Sales values (£) -	£ OMS (per unit)	£ psm	£ psf	total MV £ (no AH)					
		#DIV/0!	#DIV/0!						
	1 bed House	0		0					
	2 bed House	400,000	5,063	470	100,920,000				
	3 bed House	495,000	4,950	460	389,020,500				
	4 bed House	575,000	4,423	411	63,365,000				
	5 bed House	650,000	4,333	403	7,540,000				
	1 bed Flat	275,000	5,500	511	45,457,500				
2 bed Flat	365,000	5,214	484	45,515,500					
				651,818,500					
Affordable Housing values (£) -	Aff. Rent £	% of MV	Social Rent £	% of MV	First Homes £*	% of MV	Other Int. £	% of MV	
	1 bed House	0	55%	0	35%	0	70%	75%	
	2 bed House	220,000	55%	140,000	35%	250,000	70%	300,000	75%
	3 bed House	272,250	55%	173,250	35%	250,000	70%	371,250	75%
	4 bed House	316,250	55%	201,250	35%	250,000	70%	431,250	75%
	5 bed House	357,500	55%	227,500	35%	250,000	70%	487,500	75%
	1 bed Flat	151,250	55%	96,250	35%	192,500	70%	206,250	75%
	2 bed Flat	200,750	55%	127,750	35%	250,000	70%	273,750	75%
Build to Rent	Total No. Units	Mix	AH Private Rent	Market Rent	NIA (sqm)	NIA (sqft)	GIA (sqm)	GIA (sqft)	
	0		20%	80%					
	BTR Studio	0	15.9%	0	0	39	420	49	525
	BTR 1-Bed	0	63.1%	0	0	50	538	63	673
	BTR 2-Bed	0	21.0%	0	0	70	753	88	942
		0	100.0%	0	0	159	1,711	199	2,139
	BTR Floor Areas	NIA (sqm)	NIA (sqft)	Gross to Net	GIA (sqm)	GIA (sqft)			
		0	0	80%	0	0			
BTR 1-Bed		0	80%	0	0				
BTR 2-Bed		0	80%	0	0				
Affordable BTR Studio		0	80%	0	0				
Affordable BTR 1-Bed		0	80%	0	0				
Affordable BTR 2-Bed		0	80%	0	0				
		0	0		0	0			

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:

Site Typology:

Notes:

Strategic Site 1

Location / Value Zone: **Higher**

No Units: **1450**

Greenfield/Brownfield: **Greenfield**

1,450no. Dwellings + 10,000 sqm employment + convenience retail

BTR Value Assumptions

	AH Discount	Rent* (£ pcm)	Unit Rent (£ pa)	Man. Cost %	T Incentive*	Cap Yield (%)
BTR Studio		0	0	25%	0	4.50%
BTR 1-Bed		0	0	25%	0	4.50%
BTR 2-Bed		0	0	25%	0	4.50%
Affordable BTR Studio	20%	0	0	25%	0	4.50%
Affordable BTR 1-Bed	20%	0	0	25%	0	4.50%
Affordable BTR 2-Bed	20%	0	0	25%	0	4.50%

Commercial Space

	GIA (sqm)	GIA (sqft)	Net to Gross %	NIA (sqm)	NIA (sqft)
Employment	10,000	107,639	100%	10,000	107,639
Convenience Retail	4,000	43,056	100%	4,000	43,056
		0	0%	0	0
		0	0%	0	0
		0	0%	0	0
	14,000	150,695			

Commercial Values

	Rent £psf	Mgmt. Cost	Incentive	Cap Yield (%)
Employment	12.50	0%	12	5.25%
Convenience Retail	18.50	0%	12	5.00%
0		0%	12	7.00%
0		0%	12	7.00%
0		0%	12	7.25%

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology: **Strategic Site 1** No Units: **1450**
 Site Typology: Location / Value Zone: **Higher** Greenfield/Brownfield: **Greenfield**
 Notes: **1,450no. Dwellings + 10,000 sqm employment + convenience retail**

GROSS DEVELOPMENT VALUE					
OMS GDV -					
(part houses due to % mix)					
1 bed House	0.0	@	0		-
2 bed House	95.7	@	400,000		38,280,000
3 bed House	495.9	@	495,000		245,470,500
4 bed House	52.2	@	575,000		30,015,000
5 bed House	0.0	@	650,000		-
1 bed Flat	147.9	@	275,000		40,672,500
2 bed Flat	78.3	@	365,000		28,579,500
	870.0				383,017,500
Affordable Rent GDV -					
1 bed House	0.0	@	0		-
2 bed House	109.6	@	220,000		24,116,400
3 bed House	203.0	@	272,250		55,266,750
4 bed House	40.6	@	316,250		12,839,750
5 bed House	8.1	@	357,500		2,902,900
1 bed Flat	12.2	@	151,250		1,842,225
2 bed Flat	32.5	@	200,750		6,520,360
	406.0				103,488,385
Social Rent GDV -					
1 bed House	0.0	@	0		-
2 bed House	0.0	@	140,000		-
3 bed House	0.0	@	173,250		-
4 bed House	0.0	@	201,250		-
5 bed House	0.0	@	227,500		-
1 bed Flat	0.0	@	96,250		-
2 bed Flat	0.0	@	127,750		-
	0.0				-
First Homes GDV -					
1 bed House	0.0	@	0		-
2 bed House	39.2	@	250,000		9,787,500
3 bed House	72.5	@	250,000		18,125,000
4 bed House	14.5	@	250,000		3,625,000
5 bed House	2.9	@	250,000		725,000
1 bed Flat	4.4	@	192,500		837,375
2 bed Flat	11.6	@	250,000		2,900,000
	145.0				35,999,875
Other Intermediate GDV -					
1 bed House	0.0	@	0		-
2 bed House	7.8	@	300,000		2,349,000
3 bed House	14.5	@	371,250		5,383,125
4 bed House	2.9	@	431,250		1,250,625
5 bed House	0.6	@	487,500		282,750
1 bed Flat	0.9	@	206,250		179,438
2 bed Flat	2.3	@	273,750		635,100
	29.0	580.0			10,080,038
Sub-total GDV Residential	1,450				532,585,798
AH on-site cost analysis:					
	936 £ psm (total GIA sqm)			EMV (no AH) less £GDV (inc. AH)	119,232,703
				82,229 £ per unit (total units)	
Grant	580	AH units @	0	per unit	-
BTR GDV -					
Gross Rent £pa	less Mgmt	Capitalised	Less Incentive	Purchaser's Cost	PC (£)
BTR Studio	-	-	-	6.80%	-
BTR 1-Bed	-	-	-	6.80%	-
BTR 2-Bed	-	-	-	6.80%	-
Affordable BTR Studio	-	-	-	6.80%	-
Affordable BTR 1-Bed	-	-	-	6.80%	-
Affordable BTR 2-Bed	-	-	-	6.80%	-
	-	-	-	-	-
Sub-total GDV BTR					-
Commercial GDV -					
Gross Rent £pa	less. Mgmt	Net Ret £pa	Yield	Capitalisation	
Employment	1,345,489	0.00%	1,345,489	5.25%	25,628,357
Convenience Retail	796,529	0.00%	796,529	5.00%	15,930,587
0.00%	-	0.00%	0	7.00%	0
0.00%	-	0.00%	0	7.00%	0
0.00%	-	0.00%	0	7.25%	0
Commercial GDV -					
Less Incentive £	Net Cap Value	Purchasers Costs	PC £	Net Cap Value	
Employment	1,345,489	24,282,868	6.80%	1,651,235	22,631,633
Convenience Retail	796,529	15,134,057	6.80%	1,029,116	14,104,942
0.00%	-	-	6.80%	0	0
0.00%	-	-	6.80%	0	0
0.00%	-	-	6.80%	0	0
Sub-total GDV Commercial					36,736,575
Total GDV					569,322,372

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology: **Strategic Site 1** No Units: **1450**
 Site Typology: Location / Value Zone: **Higher** Greenfield/Brownfield: **Greenfield**
 Notes: **1,450no. Dwellings + 10,000 sqm employment + convenience retail**

DEVELOPMENT COSTS									
Initial Payments -									
Statutory Planning Fees (Residential)									(216,059)
Planning Application Professional Fees, Surveys and reports									(650,000)
Resi CIL			79,085 sqm (Market only)		120.00 £ psm				(9,490,144)
Commercial CIL			4,000 sqm (Market only)		75.00 £ psm				(300,000)
	CIL analysis:		1.78% % of GDV		6,545 £ per unit (total units)				
Site Specific S106 Contributions	Year 1				0				-
	Year 2				0				-
	Year 3				0				-
	Year 4				0				-
	Year 5				0				-
	Year 6				0				-
	Year 7				0				-
	Year 8				0				-
	Year 9				0				-
	Year 10				0				-
	Year 11				0				-
	Year 12				0				-
	Year 13				0				-
	Year 14				0				-
	Year 15				0				-
	Years 1-15		1,450 units @		5,000 per unit				(7,250,000)
	Sub-total								(7,250,000)
	S106 analysis:	160,000 £ per ha	1.36% % of GDV		5,000 £ per unit (total units)				
AH Commuted Sum			127,399 sqm (total)		0 £ psm				-
	Comm. Sum analysis:		0.00% % of GDV						
Construction Costs -									
Site Clearance, Demolition & Remediation			45.31 ha @		£ per ha (if brownfield)				-
Site Infrastructure costs -	Year 1		0						-
	Year 2		0						-
	Year 3		0						-
	Year 4		0						-
	Year 5		0						-
	Year 6		0						-
	Year 7		0						-
	Year 8		0						-
	Year 9		0						-
	Year 10		0						-
	Year 11		0						-
	Year 12		0						-
	Year 13		0						-
	Year 14		0						-
	Year 15		0						-
	Years 1-15		1,450 units @		20,000 per unit				(29,000,000)
	Sub-total								(29,000,000)
	Infra. Costs analysis:	640,000 £ per ha	5.45% % of GDV		20,000 £ per unit (total units)				
1 bed House			- sqm @		1,547 psm				-
2 bed House			19,932 sqm @		1,547 psm				(30,834,340)
3 bed House			73,950 sqm @		1,547 psm				(114,400,650)
4 bed House			12,412 sqm @		1,547 psm				(19,201,364)
5 bed House			1,276 sqm @		1,547 psm				(1,973,972)
1 bed Flat			9,724 sqm @		1,698 psm				(16,510,553)
2 bed Flat			10,106 sqm @		1,698 psm				(17,159,389)
Garages for 3 bed House	496 50%	127,399	units @	18.00 sqm @	600 £ psm				(2,677,860)
Garages for 4 bed House	52 75%		units @	24.00 sqm @	600 £ psm				(563,760)
Garages for 5 bed House	- 125%		units @	32.00 sqm @	600 £ psm				-
Employment			10,000 sqm @		882				(8,820,000)
Convenience Retail			4,000 sqm @		1,660				(6,640,000)
0.00%			- sqm @		0				-
0.00%			- sqm @		0				-
0.00%			- sqm @		0				-
External works (residential)			203,321,888 @		15.0%				(30,498,283)
External works (commercial)			15,460,000 @		10.0%				(1,546,000)
	Ext. Works analysis:				21,033 £ per unit (total units)				
Policy Costs on Design -									
Environment Act - BNG 10%			1,450 units @		1,100 £ per unit				(1,595,000)
HO11 - M4(2) Category 2 Housing	Aff units	580	units @	40% @	1,400 £ per unit				(324,800)
HO11 - M4(2) Category 2 Housing	OMS units	870	units @	40% @	1,400 £ per unit				(487,200)
HO11 - M4(3) Category 3 Housing	Aff units	580	units @	10% @	22,000 £ per unit				(1,276,000)
HO11 - M4(3) Category 3 Housing	OMS units	870	units @	10% @	22,000 £ per unit				(1,914,000)
CC1 - FHS 2025 - Option 1		1,450	units @		6,200 £ per unit				(8,990,000)
CC1 - Net Zero Carbon	-	218,781,888	base construction @		15.0% % additional				(32,817,283)
CC3 - Water Efficiency		1,450	units @		10 £ per unit				(14,500)
NH5(b) - Tree-lined Streets		1,450	units @	5 units per tree	3,300				(957,000)
GD2 - Design Certification (BREEAM)	-	17,006,000	base construction @		2.00% additional				(340,120)
	Sub-total								(48,715,903)
	Policy Costs analysis: (design costs only)				33,597 £ per unit (total units)				
Contingency (on construction)			328,542,074 @		5.0%				(16,427,104)

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:
Site Typology:
Notes:

Strategic Site 1
Location / Value Zone: Higher
No Units: 1450
Greenfield/Brownfield: Greenfield
1,450no. Dwellings + 10,000 sqm employment + convenience retail

Professional Fees	328,542,074	@	10.0%		(32,854,207)
Disposal Costs -					
OMS Marketing and Promotion (Sales)	383,017,500	OMS @	1.00%	2,642 £ per unit	(3,830,175)
Residential Sales Agent Costs	383,017,500	OMS @	1.00%	2,642 £ per unit	(3,830,175)
Residential Sales Legal Costs	870	Units @	£1,250	£ per unit	(1,087,500)
Affordable Sale Legal Costs	580	Units @	£500	£ per unit	(290,000)
Commercial Letting Agents Costs	2,142,018	ERV @	10.00%		(214,202)
Commercial Letting Legal Costs	2,142,018	ERV @	5.00%		(107,101)
Commercial Investment Sale Agents Costs	36,736,575	GDV @	1.00%		(367,366)
Commercial Investment Sale Legal Costs	36,736,575	GDV @	0.50%		(183,683)
BTR Letting Agent Cost	-	GDV @	10.00%		-
BTR Letting Legal Cost	-	GDV @	5.00%		-
BTR Investment Sale Agent	-	GDV @	0.50%		-
BTR Investment Sale Legal	-	GDV @	0.25%		-
Empty Property Costs					-
Disposal Cost analysis:				6,233 £ per unit (exc. EPC)	
Interest (on Development Costs) -	7.50%	APR	0.604%	pcm	(14,680,030)
Developers Profit -					
Profit on OMS	383,017,500		17.50%	on GDV	(67,028,063)
Commercial Profit	18,269,489		15.00%	on Cost	(2,740,423)
BTR Profit	0		15.00%	on Cost	-
Margin on AH	149,568,298		6.00%	on GDV	(8,974,098)
Profit analysis:	569,322,372		13.83%	blended GDV	(78,742,584)
	420,319,820		18.73%	on costs	(78,742,584)
TOTAL COSTS					(499,062,403)

RESIDUAL LAND VALUE (RLV)					
Residual Land Value (gross)					70,259,969
SDLT	70,259,969	@	HMRC formula		(3,502,498)
Acquisition Agent fees	70,259,969	@	1.0%		(702,600)
Acquisition Legal fees	70,259,969	@	0.5%		(351,300)
Interest on Land	70,259,969	@	7.50%		(5,269,498)
Residual Land Value					60,434,073
RLV analysis:	41,679 £ per plot	1,333,717 £ per ha (net)	539,748 £ per acre (net)		
		666,859 £ per ha (gross)	269,874 £ per acre (gross)		
			11.35% % RLV / GDV		

BENCHMARK LAND VALUE (BLV)					
Residential Density	32.0	dph (net)			
Site Area (net)	45.31	ha (net)	111.97	acres (net)	
Net to Gross ratio	50%				
Site Area (gross)	90.63	ha (gross)	223.93	acres (gross)	
Density analysis:	2,812	sqm/ha (net)	12,247	sqft/ac (net)	
	16	dph (gross)			
Benchmark Land Value (net)	26,254 £ per plot	840,140 £ per ha (net)	340,000 £ per acre (net)		38,068,844
BLV analysis:		420,070 £ per ha (gross)	170,000 £ per acre (gross)		

BALANCE					
Surplus/(Deficit)	493,577	£ per ha (net)	199,748	£ per acre (net)	22,365,230

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:

Site Typology:

Notes:

Strategic Site 1

Location / Value Zone:

Higher

No Units: 1450

Greenfield/Brownfield:

Greenfield

1,450no. Dwellings + 10,000 sqm employment + convenience retail

SENSITIVITY ANALYSIS

The following sensitivity tables show the balance of the appraisal (RLV-BLV £ per acre) for changes in appraisal input assumptions above.

Where the surplus is positive (green) the policy is viable. Where the surplus is negative (red) the policy is not viable.

TABLE 1

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	199,748	0%	5%	10%	15%	20%	25%	30%
0.00		578,260	541,542	504,761	467,927	431,031	394,061	357,009
10.00		566,519	530,406	494,246	458,030	421,746	385,385	348,937
20.00		554,757	519,270	483,724	448,115	412,440	376,692	340,859
30.00		542,987	508,105	473,174	438,184	403,125	367,987	332,761
40.00		531,184	496,931	462,624	428,251	393,805	359,283	324,663
50.00		519,381	485,739	452,044	418,286	384,458	350,549	316,550
60.00		507,540	474,527	441,457	408,322	375,112	341,816	308,426
70.00		495,696	463,306	430,852	398,334	365,743	333,069	300,301
80.00		483,821	452,055	420,230	388,336	356,365	324,307	292,152
90.00		471,935	440,803	409,597	378,326	346,978	315,545	284,001
100.00		460,024	429,512	398,938	368,293	337,568	306,753	275,839
110.00		448,096	418,220	388,276	358,257	328,158	297,961	267,660
120.00		436,146	406,895	377,579	348,190	318,717	289,152	259,482
130.00		424,175	395,563	366,882	338,123	309,275	280,330	251,279
140.00		412,184	384,202	356,152	328,024	299,811	271,502	243,074
150.00		400,170	372,830	345,416	317,922	290,336	262,650	234,855
160.00		388,135	361,429	334,652	307,794	280,846	253,798	226,621
170.00		376,077	350,016	323,878	297,655	271,338	244,918	218,385
180.00		363,997	338,574	313,077	287,496	261,822	236,035	210,123
190.00		351,894	327,119	302,264	277,320	252,279	227,131	201,861
200.00		339,764	315,634	291,425	267,127	242,734	218,217	193,577
210.00		327,616	304,136	280,572	256,915	233,157	209,289	185,287
220.00		315,436	292,605	269,692	246,687	223,581	200,343	176,982
230.00		303,242	281,064	258,799	236,437	213,969	191,388	168,662
240.00		291,008	269,486	247,876	226,170	204,358	182,410	160,335
250.00		278,765	257,900	236,942	215,883	194,714	173,426	151,985

TABLE 2

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	199,748	0%	5%	10%	15%	20%	25%	30%
-		501,623	472,171	442,639	413,017	383,295	353,466	323,511
1,000		488,579	459,165	429,676	400,103	370,436	340,656	310,751
2,000		475,504	446,136	416,692	387,163	357,541	327,815	297,977
3,000		462,412	433,079	403,678	374,197	344,627	314,961	285,167
4,000		449,290	420,004	390,648	361,212	331,688	302,065	272,335
5,000		436,146	406,895	377,579	348,190	318,717	289,152	259,482
6,000		422,977	393,773	364,500	335,155	305,732	276,212	246,589
7,000		409,779	380,608	351,378	322,079	292,702	263,238	233,676
8,000		396,563	367,433	338,240	308,983	279,655	250,244	220,737
9,000		383,308	354,216	325,071	295,862	266,579	237,215	207,758
10,000		370,043	340,980	311,870	282,702	253,467	224,155	194,757
12,500		336,719	307,759	278,755	249,693	220,569	191,380	162,116
15,000		303,231	274,352	245,435	216,477	187,468	158,398	129,258
17,500		269,535	240,750	211,926	183,059	154,152	125,195	96,181
20,000		235,654	206,933	178,198	149,426	120,614	91,765	62,868

TABLE 3

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	199,748	0%	5%	10%	15%	20%	25%	30%
15.0%		558,725	523,345	487,900	452,382	416,780	381,086	345,287
16.0%		509,693	476,765	443,772	410,705	377,555	344,312	310,965
17.0%		460,662	430,185	399,644	369,028	338,330	307,539	276,643
18.0%		411,630	383,605	355,515	327,352	299,105	270,765	242,321
19.0%		362,599	337,025	311,387	285,675	259,879	233,992	207,999
20.0%		313,567	290,445	267,259	243,998	220,654	197,218	173,677

TABLE 4

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	199,748	0%	5%	10%	15%	20%	25%	30%
100,000		676,146	646,895	617,579	588,190	558,717	529,152	499,482
110,000		666,146	636,895	607,579	578,190	548,717	519,152	489,482
120,000		656,146	626,895	597,579	568,190	538,717	509,152	479,482
130,000		646,146	616,895	587,579	558,190	528,717	499,152	469,482
140,000		636,146	606,895	577,579	548,190	518,717	489,152	459,482
150,000		626,146	596,895	567,579	538,190	508,717	479,152	449,482
160,000		616,146	586,895	557,579	528,190	498,717	469,152	439,482
170,000		606,146	576,895	547,579	518,190	488,717	459,152	429,482
180,000		596,146	566,895	537,579	508,190	478,717	449,152	419,482
190,000		586,146	556,895	527,579	498,190	468,717	439,152	409,482
200,000		576,146	546,895	517,579	488,190	458,717	429,152	399,482
210,000		566,146	536,895	507,579	478,190	448,717	419,152	389,482
220,000		556,146	526,895	497,579	468,190	438,717	409,152	379,482
230,000		546,146	516,895	487,579	458,190	428,717	399,152	369,482
240,000		536,146	506,895	477,579	448,190	418,717	389,152	359,482
250,000		526,146	496,895	467,579	438,190	408,717	379,152	349,482

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:
Site Typology:
Notes:

Strategic Site 1
Location / Value Zone: Higher
No Units: 1450
Greenfield/Brownfield: Greenfield
1,450no. Dwellings + 10,000 sqm employment + convenience retail

TABLE 5		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	199,748	0%	5%	10%	15%	20%	25%	30%
Density (dph) 32.0	20	145,091	126,809	108,487	90,119	71,698	53,220	34,676
	22	193,600	173,490	153,336	133,131	112,868	92,542	72,144
	24	242,110	220,171	198,185	176,142	154,038	131,864	109,612
	26	290,619	266,852	243,033	219,154	195,208	171,186	147,079
	28	339,128	313,533	287,882	262,166	236,378	210,508	184,547
	30	387,637	360,214	332,731	305,178	277,547	249,830	222,015
	32	436,146	406,895	377,579	348,190	318,717	289,152	259,482
	34	484,655	453,576	422,428	391,202	359,887	328,474	296,950
	36	533,164	500,257	467,277	434,214	401,057	367,796	334,418
	38	581,673	546,938	512,126	477,226	442,227	407,118	371,885
	40	630,183	593,619	556,974	520,237	483,397	446,440	409,353
TABLE 6		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	199,748	0%	5%	10%	15%	20%	25%	30%
Build Cost 100% (105% = 5% increase)	50%	1,758,610	1,719,128	1,679,453	1,639,573	1,599,435	1,559,072	1,518,410
	60%	1,503,100	1,465,520	1,427,761	1,389,782	1,351,590	1,313,156	1,274,471
	70%	1,244,395	1,208,801	1,173,017	1,137,057	1,100,903	1,064,515	1,027,893
	75%	1,113,534	1,078,954	1,044,219	1,009,294	974,194	938,878	903,347
	80%	981,472	947,923	914,231	880,389	846,368	812,152	777,727
	85%	847,979	815,492	782,877	750,125	717,215	684,126	650,852
	90%	712,827	681,417	649,893	618,244	586,464	554,544	522,437
	95%	575,682	545,353	514,934	484,413	453,782	423,032	392,140
	100%	436,146	406,895	377,579	348,190	318,717	289,152	259,482
	105%	293,700	265,512	237,286	209,007	180,671	152,275	123,811
	110%	147,655	120,479	93,277	66,056	38,813	11,532	(15,778)
	120%	(159,325)	(184,874)	(210,437)	(235,999)	(261,562)	(287,131)	(312,712)
TABLE 7		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	199,748	0%	5%	10%	15%	20%	25%	30%
Market Values 100% (105% = 5% increase)	80%	(525,258)	(496,185)	(468,032)	(440,883)	(414,843)	(390,016)	(366,271)
	85%	(239,560)	(231,842)	(224,399)	(217,249)	(210,436)	(203,968)	(197,889)
	90%	(4,612)	(10,260)	(16,056)	(22,030)	(28,197)	(34,574)	(41,185)
	95%	219,168	201,384	183,504	165,501	147,382	129,131	110,719
	100%	436,146	406,895	377,579	348,190	318,717	289,152	259,482
	102%	521,592	487,888	454,129	420,300	386,398	352,416	318,333
	104%	606,441	568,325	530,166	491,953	453,676	415,325	376,888
	106%	690,759	648,290	605,778	563,222	520,611	477,935	435,183
	108%	774,619	727,836	681,012	634,154	587,242	540,268	493,232
	110%	858,083	807,012	755,917	704,785	653,599	602,368	551,082
	112%	941,185	885,867	830,529	775,142	719,728	664,267	608,745
	114%	1,023,972	964,443	904,867	845,280	785,637	725,963	666,248
	116%	1,106,498	1,042,745	978,987	915,184	851,369	787,496	723,590
	118%	1,188,750	1,120,830	1,052,883	984,912	916,910	848,883	780,803
	120%	1,270,790	1,198,710	1,126,592	1,054,474	982,304	910,126	837,897
	122%	1,352,635	1,276,391	1,200,137	1,123,866	1,047,561	971,240	894,878
	124%	1,434,288	1,353,908	1,273,527	1,193,120	1,112,691	1,032,241	951,758
	126%	1,515,771	1,431,273	1,346,776	1,262,248	1,177,703	1,093,141	1,008,543
	128%	1,597,105	1,508,499	1,419,894	1,331,260	1,242,609	1,153,947	1,065,244
	130%	1,678,304	1,585,597	1,492,891	1,400,167	1,307,416	1,214,665	1,121,868
	132%	1,759,379	1,662,580	1,565,781	1,468,980	1,372,137	1,275,293	1,178,423
TABLE 8		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	199,748	0%	5%	10%	15%	20%	25%	30%
Grant (£ per unit) -	5,000	436,146	410,164	384,094	357,928	331,644	305,235	278,697
	10,000	436,146	413,433	390,603	367,638	344,540	321,282	297,851
	15,000	436,146	416,701	397,095	377,342	357,411	337,294	316,949
	20,000	436,146	419,958	403,587	387,032	370,263	353,256	335,993
	25,000	436,146	423,216	410,079	396,703	383,082	369,186	354,986
	30,000	436,146	426,473	416,558	406,374	395,892	385,087	373,931
	35,000	436,146	429,730	423,028	416,013	408,660	400,944	392,828
	40,000	436,146	432,988	429,498	425,653	421,423	416,768	411,679
	45,000	436,146	436,245	435,968	435,274	434,149	432,567	430,475
	50,000	436,146	439,502	442,419	444,882	446,866	448,324	449,230
	55,000	436,146	442,754	448,867	454,489	459,552	464,052	467,947

NOTES

Cells highlighted in yellow are input cells

Cells highlighted in green are sensitivity input cells

Figures in brackets, thus (00,000.00), are negative values / costs

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Appraisal Ref: **HO3 - North of Stevenage** (see Typologies Matrix)
 Scheme Typology: **Strategic Site 2**
 Site Typology: **Location / Value Zone: Higher Greenfield/Brownfield: Greenfield**
 Notes: **800no. Dwellings + convenience retail**

ASSUMPTIONS - RESIDENTIAL USES

Total number of units in scheme	800 Units	
AH Policy requirement (% Target)	40%	
Open Market Sale (OMS) housing	60%	
AH tenure split %	Affordable Rent: 70.0% Social Rent: 0.0% First Homes: 25.0% Other Intermediate (LCHO/Sub-Market etc.): 5.0%	
	100%	100.0%
CIL Rate (£ psm)	120.00 £ psm	
Unit mix -	OMS Unit mix%	AH mix%
1 bed House	0.0%	0.0%
2 bed House	11.0%	27.0%
3 bed House	57.0%	50.0%
4 bed House	6.0%	10.0%
5 bed House	0.0%	2.0%
1 bed Flat	17.0%	3.0%
2 bed Flat	9.0%	8.0%
Total number of units	100.0%	100.0%
OMS Unit Floor areas -	Net area per unit (sqm)	Net to Gross %
1 bed House	0.0	0.0
2 bed House	79.0	85.0%
3 bed House	100.0	85.0%
4 bed House	130.0	85.0%
5 bed House	150.0	85.0%
1 bed Flat	50.0	85.0%
2 bed Flat	70.0	85.0%
AH Unit Floor areas -	Net area per unit (sqm)	Net to Gross %
1 bed House	0.0	0.0
2 bed House	79.0	85.0%
3 bed House	84.0	85.0%
4 bed House	97.0	85.0%
5 bed House	110.0	85.0%
1 bed Flat	50.0	85.0%
2 bed Flat	67.0	85.0%
Total Gross Floor areas -	OMS Units GIA (sqm)	AH units GIA (sqm)
1 bed House	0	0
2 bed House	4,171	6,826
3 bed House	27,360	13,440
4 bed House	3,744	3,104
5 bed House	0	704
1 bed Flat	4,800	565
2 bed Flat	3,558	2,018
	43,633	26,656
Open Market Sales values (£) -	£ OMS (per unit)	£ psm
1 bed House	0	0
2 bed House	400,000	5,063
3 bed House	495,000	4,950
4 bed House	575,000	4,423
5 bed House	650,000	4,333
1 bed Flat	275,000	5,500
2 bed Flat	365,000	5,214
Affordable Housing values (£) -	Aff. Rent £	% of MV
1 bed House	0	55%
2 bed House	220,000	55%
3 bed House	272,250	55%
4 bed House	316,250	55%
5 bed House	357,500	55%
1 bed Flat	151,250	55%
2 bed Flat	200,750	55%
Build to Rent	Total No. Units Mix	AH Private Rent
BTR Studio	0	20%
BTR 1-Bed	0	15.9%
BTR 2-Bed	0	63.1%
	0	21.0%
BTR Floor Areas	NIA (sqm)	Gross to Net
BTR Studio	0	80%
BTR 1-Bed	0	80%
BTR 2-Bed	0	80%
Affordable BTR Studio	0	80%
Affordable BTR 1-Bed	0	80%
Affordable BTR 2-Bed	0	80%

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:
Site Typology:
Notes:

Strategic Site 2
Location / Value Zone: **Higher**
800no. Dwellings + convenience retail

No Units: **800**
Greenfield/Brownfield: **Greenfield**

BTR Value Assumptions	AH Discount	Rent* (£ pcm)	Unit Rent (£ pa)	Man. Cost %	T Incentive*	Cap Yield (%)
BTR Studio		0	0	25%	0	4.50%
BTR 1-Bed		0	0	25%	0	4.50%
BTR 2-Bed		0	0	25%	0	4.50%
Affordable BTR Studio	20%	0	0	25%	0	4.50%
Affordable BTR 1-Bed	20%	0	0	25%	0	4.50%
Affordable BTR 2-Bed	20%	0	0	25%	0	4.50%

Commercial Space	GIA (sqm)	GIA (sqft)	Net to Gross %	NIA (sqm)	NIA (sqft)
Convenience Retail	2,500	26,910	100%	2,500	26,910
		0	100%	0	0
		0	0%	0	0
		0	0%	0	0
		0	0%	0	0
	2,500	26,910			

Commercial Values	Rent £psf	Mgmt. Cost	Incentive	Cap Yield (%)
Convenience Retail	18.50	0%	12	5.00%
0		0%	12	5.00%
0		0%	12	7.00%
0		0%	12	7.00%
0		0%	12	7.25%

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:

Site Typology:

Notes:

Strategic Site 2

Location / Value Zone:

Higher

800no. Dwellings + convenience retail

No Units: 800

Greenfield/Brownfield:

Greenfield

GROSS DEVELOPMENT VALUE

OMS GDV -

(part houses due to % mix)

1 bed House	0.0	@	0	-
2 bed House	52.8	@	400,000	21,120,000
3 bed House	273.6	@	495,000	135,432,000
4 bed House	28.8	@	575,000	16,560,000
5 bed House	0.0	@	650,000	-
1 bed Flat	81.6	@	275,000	22,440,000
2 bed Flat	43.2	@	365,000	15,768,000
	480.0			211,320,000

Affordable Rent GDV -

1 bed House	0.0	@	0	-
2 bed House	60.5	@	220,000	13,305,600
3 bed House	112.0	@	272,250	30,492,000
4 bed House	22.4	@	316,250	7,084,000
5 bed House	4.5	@	357,500	1,601,600
1 bed Flat	6.7	@	151,250	1,016,400
2 bed Flat	17.9	@	200,750	3,597,440
	224.0			57,097,040

Social Rent GDV -

1 bed House	0.0	@	0	-
2 bed House	0.0	@	140,000	-
3 bed House	0.0	@	173,250	-
4 bed House	0.0	@	201,250	-
5 bed House	0.0	@	227,500	-
1 bed Flat	0.0	@	96,250	-
2 bed Flat	0.0	@	127,750	-
	0.0			-

First Homes GDV -

1 bed House	0.0	@	0	-
2 bed House	21.6	@	250,000	5,400,000
3 bed House	40.0	@	250,000	10,000,000
4 bed House	8.0	@	250,000	2,000,000
5 bed House	1.6	@	250,000	400,000
1 bed Flat	2.4	@	192,500	462,000
2 bed Flat	6.4	@	250,000	1,600,000
	80.0			19,862,000

Other Intermediate GDV -

1 bed House	0.0	@	0	-
2 bed House	4.3	@	300,000	1,296,000
3 bed House	8.0	@	371,250	2,970,000
4 bed House	1.6	@	431,250	690,000
5 bed House	0.3	@	487,500	156,000
1 bed Flat	0.5	@	206,250	99,000
2 bed Flat	1.3	@	273,750	350,400
	16.0	320.0		5,561,400

Sub-total GDV Residential

800

293,840,440

AH on-site cost analysis:

936 £ psm (total GIA sqm)

EMV (no AH) less £GDV (inc. AH)

82,229 £ per unit (total units)

65,783,560

Grant

320

AH units @ 0 per unit

-

BTR GDV -

	Gross Rent £pa	less Mgmt	Capitalised	Less Incentive	Purchaser's Cost	PC (£)	Net Income
BTR Studio	-	-	-	-	6.80%	-	-
BTR 1-Bed	-	-	-	-	6.80%	-	-
BTR 2-Bed	-	-	-	-	6.80%	-	-
Affordable BTR Studio	-	-	-	-	6.80%	-	-
Affordable BTR 1-Bed	-	-	-	-	6.80%	-	-
Affordable BTR 2-Bed	-	-	-	-	6.80%	-	-
	-	-	-	-	-	-	-

Sub-total GDV BTR

-

-

Commercial GDV -

	Gross Rent £pa	less. Mgmt	Net Ret £pa	Yield	Capitalisation
Convenience Retail	497,831	0.00%	497,831	5.00%	9,956,617
0.00%	-	0.00%	0	5.00%	0
0.00%	-	0.00%	0	7.00%	0
0.00%	-	0.00%	0	7.00%	0
0.00%	-	0.00%	0	7.25%	0

Commercial GDV -

	Less Incentive £	Net Cap Value	Purchasers Costs	PC £	Net Cap Value
Convenience Retail	497,831	9,458,786	6.80%	643,197	8,815,588
0.00%	-	-	6.80%	0	0
0.00%	-	-	6.80%	0	0
0.00%	-	-	6.80%	0	0
0.00%	-	-	6.80%	0	0

Sub-total GDV Commercial

8,815,588

Total GDV

302,656,028

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology: **Strategic Site 2**
 Site Typology: **Higher**
 Notes: **800no. Dwellings + convenience retail**
 No Units: **800**
 Greenfield/Brownfield: **Greenfield**

DEVELOPMENT COSTS									
Initial Payments -									
Statutory Planning Fees (Residential)									(126,359)
Planning Application Professional Fees, Surveys and reports									(380,000)
Resi CIL			43,633 sqm (Market only)		120.00 £ psm				(5,235,942)
Commercial CIL			2,500 sqm (Market only)		75.00 £ psm				(187,500)
	CIL analysis:		1.78% % of GDV		6,545 £ per unit (total units)				
Site Specific S106 Contributions									
	Year 1				0				-
	Year 2				0				-
	Year 3				0				-
	Year 4				0				-
	Year 5				0				-
	Year 6				0				-
	Year 7				0				-
	Year 8				0				-
	Year 9				0				-
	Year 10				0				-
	Year 11				0				-
	Year 12				0				-
	Year 13				0				-
	Year 14				0				-
	Year 15				0				-
	Years 1-15		800 units @		5,000 per unit				(4,000,000)
	Sub-total								(4,000,000)
	S106 analysis:	190,500 £ per ha	1.36% % of GDV		5,000 £ per unit (total units)				
AH Commuted Sum			70,289 sqm (total)		0 £ psm				-
	Comm. Sum analysis:		0.00% % of GDV						
Construction Costs -									
Site Clearance, Demolition & Remediation			21.00 ha @						-
									-
Site Infrastructure costs -									-
	Year 1		0						-
	Year 2		0						-
	Year 3		0						-
	Year 4		0						-
	Year 5		0						-
	Year 6		0						-
	Year 7		0						-
	Year 8		0						-
	Year 9		0						-
	Year 10		0						-
	Year 11		0						-
	Year 12		0						-
	Year 13		0						-
	Year 14		0						-
	Year 15		0						-
	Years 1-15		800 units @		20,000 per unit				(16,000,000)
	Sub-total								(16,000,000)
	Infra. Costs analysis:	762,000 £ per ha	5.45% % of GDV		20,000 £ per unit (total units)				
1 bed House			- sqm @		1,547 psm				-
2 bed House			10,997 sqm @		1,547 psm				(17,012,050)
3 bed House			40,800 sqm @		1,547 psm				(63,117,600)
4 bed House			6,848 sqm @		1,547 psm				(10,593,856)
5 bed House			704 sqm @		1,547 psm				(1,089,088)
1 bed Flat			5,365 sqm @		1,698 psm				(9,109,271)
2 bed Flat			5,576 sqm @		1,698 psm				(9,467,249)
Garages for 3 bed House	274 50%	70,289 units @	18.00 sqm @		600 £ psm				(1,477,440)
Garages for 4 bed House	29 75%	units @	24.00 sqm @		600 £ psm				(311,040)
Garages for 5 bed House	- 125%	units @	32.00 sqm @		600 £ psm				-
Convenience Retail			2,500 sqm @		1,660				(4,150,000)
0.00%			- sqm @		0				-
0.00%			- sqm @		0				-
0.00%			- sqm @		0				-
0.00%			- sqm @		0				-
External works (residential)			112,177,593 @		15.0%				(16,826,639)
External works (commercial)			4,150,000 @		10.0%				(415,000)
	Ext. Works analysis:				21,033 £ per unit (total units)				
Policy Costs on Design -									
Environment Act - BNG 10%			800 units @		1,100 £ per unit				(880,000)
HO11 - M4(2) Category 2 Housing	Aff units	320 units @	40% @		1,400 £ per unit				(179,200)
HO11 - M4(2) Category 2 Housing	OMS units	480 units @	40% @		1,400 £ per unit				(268,800)
HO11 - M4(2) Category 3 Housing	Aff units	320 units @	10% @		22,000 £ per unit				(704,000)
HO11 - M4(3) Category 3 Housing	OMS units	480 units @	10% @		22,000 £ per unit				(1,056,000)
CC1 - FHS 2025 - Option 1		800 units @			6,200 £ per unit				(4,960,000)
CC1 - Net Zero Carbon	- 116,327,593	base construction @			15.0% % additional				(17,449,139)
CC3 - Water Efficiency		800 units @			10 £ per unit				(8,000)
NH5(b) - Tree-lined Streets		800 units @	5 units per tree		3,300				(528,000)
GD2 - Design Certification (BREEAM)	- 4,565,000	base construction @			2.00% additional				(91,300)
	Sub-total								(26,124,439)
	Policy Costs analysis: (design costs only)				32,656 £ per unit (total units)				
Contingency (on construction)			175,693,671 @		5.0%				(8,784,684)

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:
Site Typology:
Notes:

Strategic Site 2
Location / Value Zone: Higher
800no. Dwellings + convenience retail

No Units: 800
Greenfield/Brownfield: Greenfield

Professional Fees	175,693,671	@	10.0%		(17,569,367)
Disposal Costs -					
OMS Marketing and Promotion (Sales)	211,320,000	OMS @	1.00%	2,642 £ per unit	(2,113,200)
Residential Sales Agent Costs	211,320,000	OMS @	1.00%	2,642 £ per unit	(2,113,200)
Residential Sales Legal Costs	480	Units @	£1,250	£ per unit	(600,000)
Affordable Sale Legal Costs	320	Units @	£500	£ per unit	(160,000)
Commercial Letting Agents Costs	497,831	ERV @	10.00%		(49,783)
Commercial Letting Legal Costs	497,831	ERV @	5.00%		(24,892)
Commercial Investment Sale Agents Costs	8,815,588	GDV @	1.00%		(88,156)
Commercial Investment Sale Legal Costs	8,815,588	GDV @	0.50%		(44,078)
BTR Letting Agent Cost	-	GDV @	10.00%		-
BTR Letting Legal Cost	-	GDV @	5.00%		-
BTR Investment Sale Agent	-	GDV @	0.50%		-
BTR Investment Sale Legal	-	GDV @	0.25%		-
Empty Property Costs					-
Disposal Cost analysis:				6,233 £ per unit (exc. EPC)	
Interest (on Development Costs) -	7.50%	APR	0.604%	pcm	(8,500,311)
Developers Profit -					
Profit on OMS	211,320,000		17.50%	on GDV	(36,981,000)
Commercial Profit	4,876,903		15.00%	on Cost	(731,536)
BTR Profit	0		15.00%	on Cost	-
Margin on AH	82,520,440		6.00%	on GDV	(4,951,226)
Profit analysis:	302,656,028		14.10%	blended GDV	(42,663,762)
	225,671,142		18.91%	on costs	(42,663,762)
TOTAL COSTS					(268,334,904)

RESIDUAL LAND VALUE (RLV)					
Residual Land Value (gross)					34,321,124
SDLT	34,321,124	@	HMRC formula		(1,705,556)
Acquisition Agent fees	34,321,124	@	1.0%		(343,211)
Acquisition Legal fees	34,321,124	@	0.5%		(171,606)
Interest on Land	34,321,124	@	7.50%		(2,574,084)
Residual Land Value					29,526,667
RLV analysis:	36,908 £ per plot	1,406,208 £ per ha (net)	569,084 £ per acre (net)		
		843,725 £ per ha (gross)	341,451 £ per acre (gross)		
			10.05% % RLV / GDV		

BENCHMARK LAND VALUE (BLV)					
Residential Density	38.1	dph (net)			
Site Area (net)	21.00	ha (net)	51.88	acres (net)	
Net to Gross ratio	60%				
Site Area (gross)	35.00	ha (gross)	86.47	acres (gross)	
Density analysis:	3,348	sqm/ha (net)	14,582	sqft/ac (net)	
	23	dph (gross)			
Benchmark Land Value (net)	18,376 £ per plot	700,116 £ per ha (net)	283,333 £ per acre (net)		14,700,595
BLV analysis:		420,070 £ per ha (gross)	170,000 £ per acre (gross)		

BALANCE					
Surplus/(Deficit)	706,092	£ per ha (net)	285,751	£ per acre (net)	14,826,072

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:

Site Typology:

Notes:

Strategic Site 2

Location / Value Zone:

800no. Dwellings + convenience retail

Higher

No Units: 800

Greenfield/Brownfield:

Greenfield

SENSITIVITY ANALYSIS

The following sensitivity tables show the balance of the appraisal (RLV-BLV £ per acre) for changes in appraisal input assumptions above.

Where the surplus is positive (green) the policy is viable. Where the surplus is negative (red) the policy is not viable.

TABLE 1

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	285,751	0%	5%	10%	15%	20%	25%	30%
CIL £ psm 120.00	0.00	711,861	671,551	631,163	590,679	550,081	509,351	468,471
	10.00	697,522	657,985	618,357	578,624	538,784	498,812	458,673
	20.00	683,171	644,377	605,505	566,536	527,453	488,236	448,869
	30.00	668,772	630,755	592,653	554,448	516,121	477,656	439,033
	40.00	654,373	617,109	579,761	542,316	504,754	467,059	429,197
	50.00	639,917	603,430	566,856	530,178	493,377	456,436	419,338
	60.00	625,457	589,742	553,927	518,013	481,982	445,813	409,463
	70.00	610,952	576,004	540,968	505,825	470,558	435,160	399,584
	80.00	596,430	562,267	527,998	493,625	459,133	424,484	389,669
	90.00	581,873	548,474	514,984	481,385	447,661	413,795	379,754
	100.00	567,288	534,678	501,970	469,146	436,190	403,085	369,813
	110.00	552,676	520,834	488,900	456,855	424,683	392,366	359,858
	120.00	538,026	506,978	475,830	444,564	413,164	381,612	349,891
	130.00	523,354	493,081	462,712	432,230	401,619	370,857	339,895
	140.00	508,640	479,164	449,585	419,886	390,051	360,061	329,900
	150.00	493,903	465,209	436,416	407,507	378,465	349,261	319,863
	160.00	479,124	451,231	423,232	395,110	366,848	338,429	309,826
	170.00	464,319	437,214	410,007	382,681	355,219	327,584	299,758
	180.00	449,473	423,174	396,765	370,229	343,551	316,713	289,679
	190.00	434,597	409,092	383,481	357,748	331,876	305,821	279,578
	200.00	419,683	394,988	370,180	345,241	320,156	294,909	269,455
	210.00	404,731	380,838	356,834	332,704	308,432	283,970	259,317
	220.00	389,748	366,669	343,472	320,142	296,661	273,013	249,152
	230.00	374,717	352,446	330,061	307,546	284,883	262,027	238,975
	240.00	359,665	338,213	316,639	294,926	273,059	251,023	228,765
	250.00	344,549	323,913	303,158	282,267	261,226	239,987	218,546

TABLE 2

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	285,751	0%	5%	10%	15%	20%	25%	30%
Site Specific S106 5,000	-	618,220	586,856	555,373	523,755	491,961	459,984	427,798
	1,000	602,244	570,948	539,533	507,981	476,275	444,399	412,289
	2,000	586,253	555,013	523,664	492,189	460,566	428,755	396,755
	3,000	570,208	539,037	507,756	476,348	444,796	413,083	381,173
	4,000	554,142	523,023	491,806	460,472	429,004	397,374	365,548
	5,000	538,026	506,978	475,830	444,564	413,164	381,612	349,891
	6,000	521,881	490,882	459,794	428,599	397,279	365,819	334,182
	7,000	505,695	474,767	443,738	412,609	381,367	349,979	318,427
	8,000	489,466	458,584	427,623	396,564	365,391	334,087	302,634
	9,000	473,207	442,382	411,473	380,478	349,380	318,160	286,794
	10,000	456,890	426,123	395,287	364,363	333,334	302,184	270,895
	12,500	415,945	385,302	354,597	323,827	292,972	262,017	230,943
	15,000	374,703	344,192	313,632	283,000	252,305	221,530	190,658
	17,500	333,190	302,778	272,340	241,857	211,307	180,698	150,013
	20,000	291,346	261,058	230,717	200,362	169,950	139,493	108,981

TABLE 3

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	285,751	0%	5%	10%	15%	20%	25%	30%
Profit 17.5%	15.0%	683,972	645,626	607,181	568,617	529,920	491,070	452,053
	16.0%	625,594	590,167	554,640	518,996	483,217	447,287	411,188
	17.0%	567,216	534,708	502,100	469,375	436,515	403,503	370,324
	18.0%	508,837	479,249	449,560	419,753	389,812	359,720	329,459
	19.0%	450,459	423,789	397,019	370,132	343,110	315,936	288,594
	20.0%	392,081	368,330	344,479	320,511	296,407	272,153	247,730

TABLE 4

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	285,751	0%	5%	10%	15%	20%	25%	30%
BLV (£ per acre) 283,333	100,000	721,359	690,311	659,163	627,897	596,497	564,945	533,224
	110,000	711,359	680,311	649,163	617,897	586,497	554,945	523,224
	120,000	701,359	670,311	639,163	607,897	576,497	544,945	513,224
	130,000	691,359	660,311	629,163	597,897	566,497	534,945	503,224
	140,000	681,359	650,311	619,163	587,897	556,497	524,945	493,224
	150,000	671,359	640,311	609,163	577,897	546,497	514,945	483,224
	160,000	661,359	630,311	599,163	567,897	536,497	504,945	473,224
	170,000	651,359	620,311	589,163	557,897	526,497	494,945	463,224
	180,000	641,359	610,311	579,163	547,897	516,497	484,945	453,224
	190,000	631,359	600,311	569,163	537,897	506,497	474,945	443,224
	200,000	621,359	590,311	559,163	527,897	496,497	464,945	433,224
	210,000	611,359	580,311	549,163	517,897	486,497	454,945	423,224
	220,000	601,359	570,311	539,163	507,897	476,497	444,945	413,224
	230,000	591,359	560,311	529,163	497,897	466,497	434,945	403,224
	240,000	581,359	550,311	519,163	487,897	456,497	424,945	393,224
	250,000	571,359	540,311	509,163	477,897	446,497	414,945	383,224

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:
Site Typology:
Notes:

Strategic Site 2
Location / Value Zone: **Higher**
800no. Dwellings + convenience retail
No Units: **800**
Greenfield/Brownfield: **Greenfield**

TABLE 5		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	285,751	0%	5%	10%	15%	20%	25%	30%
Density (dph) 38.1	20	147,827	131,529	115,178	98,765	82,282	65,719	49,068
	22	190,943	173,015	155,029	136,975	118,843	100,624	82,308
	24	234,059	214,501	194,880	175,185	155,405	135,530	115,548
	26	277,175	255,987	234,731	213,395	191,966	170,435	148,789
	28	320,291	297,473	274,582	251,604	228,528	205,340	182,029
	30	363,407	338,959	314,433	289,814	265,089	240,245	215,269
	32	406,523	380,446	354,284	328,024	301,651	275,151	248,509
	34	449,639	421,932	394,135	366,234	338,212	310,056	281,749
	36	492,755	463,418	433,986	404,444	374,774	344,961	314,989
	38	535,871	504,904	473,837	442,653	411,335	379,866	348,229
	40	578,987	546,390	513,688	480,863	447,897	414,771	381,469
TABLE 6		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	285,751	0%	5%	10%	15%	20%	25%	30%
Build Cost 100% (105% = 5% increase)	50%	2,138,237	2,093,232	2,047,862	2,002,087	1,955,889	1,909,143	1,861,890
	60%	1,831,128	1,788,707	1,745,943	1,702,781	1,659,205	1,615,174	1,570,624
	70%	1,519,506	1,479,770	1,439,735	1,399,361	1,358,605	1,317,413	1,275,752
	75%	1,361,533	1,323,207	1,284,586	1,245,672	1,206,374	1,166,691	1,126,564
	80%	1,201,809	1,164,914	1,127,772	1,090,314	1,052,560	1,014,426	975,881
	85%	1,040,042	1,004,605	968,937	933,007	896,814	860,277	823,377
	90%	875,835	841,860	807,703	773,340	738,716	703,842	668,636
	95%	708,707	676,204	643,560	610,757	577,750	544,533	511,065
	100%	538,026	506,978	475,830	444,564	413,164	381,612	349,891
	105%	362,976	333,307	303,581	273,802	243,953	214,016	183,974
	110%	182,446	154,023	125,600	97,151	68,684	40,192	11,675
	120%	(201,752)	(228,622)	(255,525)	(282,480)	(314,002)	(345,530)	(377,186)
TABLE 7		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	285,751	0%	5%	10%	15%	20%	25%	30%
Market Values 100% (105% = 5% increase)	80%	(664,071)	(625,704)	(587,482)	(549,453)	(511,639)	(474,077)	(436,834)
	85%	(290,428)	(274,442)	(259,942)	(245,774)	(231,974)	(218,599)	(205,709)
	90%	2,761	706	(1,529)	(3,970)	(6,647)	(9,611)	(12,892)
	95%	275,799	258,749	241,568	224,239	206,748	189,042	171,117
	100%	538,026	506,978	475,830	444,564	413,164	381,612	349,891
	102%	640,888	604,402	567,836	531,170	494,387	457,468	420,384
	104%	742,818	701,011	659,119	617,122	575,022	532,800	490,421
	106%	843,996	796,907	749,753	702,497	655,142	607,674	560,075
	108%	944,511	892,205	839,837	787,368	734,814	682,155	629,370
	110%	1,044,451	986,986	929,430	871,809	814,109	756,307	698,383
	112%	1,143,901	1,081,284	1,018,615	955,893	893,068	830,153	767,132
	114%	1,242,889	1,175,194	1,107,440	1,039,612	971,723	903,749	835,666
	116%	1,341,510	1,268,738	1,195,933	1,123,063	1,050,113	977,090	903,971
	118%	1,439,759	1,361,985	1,284,130	1,206,248	1,128,278	1,050,233	972,102
	120%	1,537,717	1,454,930	1,372,078	1,289,186	1,206,235	1,123,193	1,040,073
	122%	1,635,403	1,547,619	1,459,798	1,371,920	1,284,002	1,195,985	1,107,898
	124%	1,732,841	1,640,084	1,547,307	1,454,468	1,361,594	1,268,625	1,175,592
	126%	1,830,050	1,732,347	1,634,625	1,536,847	1,439,029	1,341,128	1,243,169
	128%	1,927,051	1,824,426	1,721,769	1,619,075	1,516,323	1,413,510	1,310,643
	130%	2,023,866	1,916,340	1,808,759	1,701,169	1,593,492	1,485,786	1,378,004
	132%	2,120,513	2,008,102	1,895,612	1,783,115	1,670,553	1,557,958	1,445,270
TABLE 8		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	285,751	0%	5%	10%	15%	20%	25%	30%
Grant (£ per unit) -	5,000	538,026	510,972	483,784	456,444	428,938	401,221	373,275
	10,000	538,026	514,966	491,737	468,325	444,666	420,774	396,568
	15,000	538,026	518,960	499,691	480,159	460,374	440,251	419,773
	20,000	538,026	522,954	507,622	491,990	476,018	459,672	442,894
	25,000	538,026	526,948	515,542	503,793	491,645	479,044	465,936
	30,000	538,026	530,942	523,462	515,575	507,227	498,367	488,901
	35,000	538,026	534,924	531,381	527,349	522,777	517,617	511,793
	40,000	538,026	538,901	539,268	539,082	538,296	536,824	534,616
	45,000	538,026	542,877	547,155	550,816	553,773	555,993	557,365
	50,000	538,026	546,854	555,042	562,516	569,231	575,093	580,040
	55,000	538,026	550,831	562,920	574,202	584,640	594,153	602,655

NOTES

Cells highlighted in yellow are input cells

Cells highlighted in green are sensitivity input cells

Figures in brackets, thus (00,000.00), are negative values / costs

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Appraisal Ref: **HO4 - South East of Stevenage** (see Typologies Matrix)
 Scheme Typology: **Strategic Site 3**
 Site Typology: **Location / Value Zone: Middle Greenfield/Brownfield: Greenfield**
 Notes: **550no. Dwellings + 1,500 sqm convenience retail**
 No Units: **550**

ASSUMPTIONS - RESIDENTIAL USES

Total number of units in scheme		550 Units							
AH Policy requirement (% Target)		40%							
Open Market Sale (OMS) housing		60%							
AH tenure split %	Open Market Sale (OMS)								
	Affordable Rent:	70.0%	70.0% % Rented						
	Social Rent:	0.0%							
	First Homes:	25.0%							
Other Intermediate (LCHO/Sub-Market etc.):	5.0%								
	100%	100.0%	12.0% % of total (>10% First Homes PPG 023)						
CIL Rate (£ psm)		120.00 £ psm							
Unit mix -	OMS Unit mix%	MV # units	AH mix%	AH # units	Overall mix%	Total # units			
1 bed House	0.0%	0.0	0.0%	0.0	0%	0.0			
2 bed House	11.0%	36.3	27.0%	59.4	17%	95.7			
3 bed House	57.0%	188.1	50.0%	110.0	54%	298.1			
4 bed House	6.0%	19.8	10.0%	22.0	8%	41.8			
5 bed House	0.0%	0.0	2.0%	4.4	1%	4.4			
1 bed Flat	17.0%	56.1	3.0%	6.6	11%	62.7			
2 bed Flat	9.0%	29.7	8.0%	17.6	9%	47.3			
Total number of units	100.0%	330.0	100.0%	220.0	100%	550.0			
OMS Unit Floor areas -	Net area per unit		Net to Gross %		Gross (GIA) per unit				
	(sqm)	(sqft)	%		(sqm)	(sqft)			
	1 bed House	0.0	0		0.0	0			
	2 bed House	79.0	850		79.0	850			
	3 bed House	100.0	1,076		100.0	1,076			
	4 bed House	130.0	1,399		130.0	1,399			
	5 bed House	150.0	1,615		150.0	1,615			
1 bed Flat	50.0	538	85.0%	58.8	633				
2 bed Flat	70.0	753	85.0%	82.4	886				
AH Unit Floor areas -	Net area per unit		Net to Gross %		Gross (GIA) per unit				
	(sqm)	(sqft)	%		(sqm)	(sqft)			
	1 bed House	0.0	0		0.0	0			
	2 bed House	79.0	850		79.0	850			
	3 bed House	84.0	904		84.0	904			
	4 bed House	97.0	1,044		97.0	1,044			
	5 bed House	110.0	1,184		110.0	1,184			
1 bed Flat	50.0	538	85.0%	58.8	633				
2 bed Flat	67.0	721	85.0%	78.8	848				
Total Gross Floor areas -	OMS Units GIA		AH units GIA		Total GIA (all units)				
	(sqm)	(sqft)	(sqm)	(sqft)	(sqm)	(sqft)			
	1 bed House	0	0	0	0	0			
	2 bed House	2,868	30,868	4,693	50,511	7,560	81,378		
	3 bed House	18,810	202,469	9,240	99,459	28,050	301,928		
	4 bed House	2,574	27,706	2,134	22,970	4,708	50,676		
	5 bed House	0	0	484	5,210	484	5,210		
1 bed Flat	3,300	35,521	388	4,179	3,688	39,700			
2 bed Flat	2,446	26,327	1,387	14,933	3,833	41,260			
	29,998	322,891	18,326	197,261	48,324	520,152			
AH % by floor area:		37.92% AH % by floor area (difference due to mix)							
Open Market Sales values (£) -	£ OMS (per unit)	£ psm	£ psf	total MV £ (no AH)					
		#DIV/0!	#DIV/0!						
	1 bed House	0		0					
	2 bed House	375,000	4,747	441	35,887,500				
	3 bed House	425,000	4,250	395	126,692,500				
	4 bed House	525,000	4,038	375	21,945,000				
	5 bed House	595,000	3,967	369	2,618,000				
1 bed Flat	250,000	5,000	465	15,675,000					
2 bed Flat	335,000	4,786	445	15,845,500					
				218,663,500					
Affordable Housing values (£) -	Aff. Rent £	% of MV	Social Rent £	% of MV	First Homes £*	% of MV	Other Int. £	% of MV	
	1 bed House	0	55%	0	35%	0	70%	0	75%
	2 bed House	206,250	55%	131,250	35%	250,000	70%	281,250	75%
	3 bed House	233,750	55%	148,750	35%	250,000	70%	318,750	75%
	4 bed House	288,750	55%	183,750	35%	250,000	70%	393,750	75%
	5 bed House	327,250	55%	208,250	35%	250,000	70%	446,250	75%
	1 bed Flat	137,500	55%	87,500	35%	175,000	70%	187,500	75%
2 bed Flat	184,250	55%	117,250	35%	234,500	70%	251,250	75%	
Build to Rent	Total No. Units	Mix	AH Private Rent	Market Rent	NIA (sqm)	NIA (sqft)	GIA (sqm)	GIA (sqft)	
	0		20%	80%					
	BTR Studio	0	15.9%	0	0	39	420	49	525
	BTR 1-Bed	0	63.1%	0	0	50	538	63	673
	BTR 2-Bed	0	21.0%	0	0	70	753	88	942
	0	100.0%	0	0	159	1,711	199	2,139	
BTR Floor Areas	NIA (sqm)	NIA (sqft)	Gross to Net	GIA (sqm)	GIA (sqft)				
	0	0	80%	0	0				
	BTR 1-Bed	0	80%	0	0				
	BTR 2-Bed	0	80%	0	0				
	Affordable BTR Studio	0	80%	0	0				
	Affordable BTR 1-Bed	0	80%	0	0				
	Affordable BTR 2-Bed	0	80%	0	0				
	0	0		0	0				

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:

Site Typology:

Notes:

Strategic Site 3

Location / Value Zone:

Middle

No Units: 550

Greenfield/Brownfield:

Greenfield

550no. Dwellings + 1,500 sqm convenience retail

BTR Value Assumptions

	AH Discount	Rent* (£ pcm)	Unit Rent (£ pa)	Man. Cost %	T Incentive*	Cap Yield (%)
BTR Studio		0	0	25%	0	4.50%
BTR 1-Bed		0	0	25%	0	4.50%
BTR 2-Bed		0	0	25%	0	4.50%
Affordable BTR Studio	20%	0	0	25%	0	4.50%
Affordable BTR 1-Bed	20%	0	0	25%	0	4.50%
Affordable BTR 2-Bed	20%	0	0	25%	0	4.50%

Commercial Space

	GIA (sqm)	GIA (sqft)	Net to Gross %	NIA (sqm)	NIA (sqft)
Convenience Retail	1,500	16,146	80%	1,200	12,917
		0	100%	0	0
		0	0%	0	0
		0	0%	0	0
		0	0%	0	0
	1,500	16,146			

Commercial Values

	Rent £psf	Mgmt. Cost	Incentive	Cap Yield (%)
Convenience Retail	18.50	0%	12	5.00%
0		0%	12	5.00%
0		0%	12	7.00%
0		0%	12	7.00%
0		0%	12	7.25%

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology: Strategic Site 3 No Units: 550
 Site Typology: Location / Value Zone: Middle Greenfield/Brownfield: Greenfield
 Notes: 550no. Dwellings + 1,500 sqm convenience retail

GROSS DEVELOPMENT VALUE						
OMS GDV - (part houses due to % mix)						
1 bed House	0.0	@	0	-		
2 bed House	36.3	@	375,000	13,612,500		
3 bed House	188.1	@	425,000	79,942,500		
4 bed House	19.8	@	525,000	10,395,000		
5 bed House	0.0	@	595,000	-		
1 bed Flat	56.1	@	250,000	14,025,000		
2 bed Flat	29.7	@	335,000	9,949,500		
	330.0			127,924,500		
Affordable Rent GDV -						
1 bed House	0.0	@	0	-		
2 bed House	41.6	@	206,250	8,575,875		
3 bed House	77.0	@	233,750	17,998,750		
4 bed House	15.4	@	288,750	4,446,750		
5 bed House	3.1	@	327,250	1,007,930		
1 bed Flat	4.6	@	137,500	635,250		
2 bed Flat	12.3	@	184,250	2,269,960		
	154.0			34,934,515		
Social Rent GDV -						
1 bed House	0.0	@	0	-		
2 bed House	0.0	@	131,250	-		
3 bed House	0.0	@	148,750	-		
4 bed House	0.0	@	183,750	-		
5 bed House	0.0	@	208,250	-		
1 bed Flat	0.0	@	87,500	-		
2 bed Flat	0.0	@	117,250	-		
	0.0			-		
First Homes GDV -						
1 bed House	0.0	@	0	-		
2 bed House	14.9	@	250,000	3,712,500		
3 bed House	27.5	@	250,000	6,875,000		
4 bed House	5.5	@	250,000	1,375,000		
5 bed House	1.1	@	250,000	275,000		
1 bed Flat	1.7	@	175,000	288,750		
2 bed Flat	4.4	@	234,500	1,031,800		
	55.0			13,558,050		
Other Intermediate GDV -						
1 bed House	0.0	@	0	-		
2 bed House	3.0	@	281,250	835,313		
3 bed House	5.5	@	318,750	1,753,125		
4 bed House	1.1	@	393,750	433,125		
5 bed House	0.2	@	446,250	98,175		
1 bed Flat	0.3	@	187,500	61,875		
2 bed Flat	0.9	@	251,250	221,100		
	11.0	220.0		3,402,713		
Sub-total GDV Residential			550	179,819,778		
AH on-site cost analysis:						
			804 £ psm (total GIA sqm)	EMV (no AH) less £GDV (inc. AH)		
				70,625 £ per unit (total units)		
Grant	220	AH units @	0 per unit			
BTR GDV -						
Gross Rent £pa	less Mgmt	Capitalised	Less Incentive	Purchaser's Cost	PC (£)	Net Income
BTR Studio	-	-	-	6.80%	-	-
BTR 1-Bed	-	-	-	6.80%	-	-
BTR 2-Bed	-	-	-	6.80%	-	-
Affordable BTR Studio	-	-	-	6.80%	-	-
Affordable BTR 1-Bed	-	-	-	6.80%	-	-
Affordable BTR 2-Bed	-	-	-	6.80%	-	-
	-	-	-	-	-	-
Sub-total GDV BTR						
Commercial GDV -						
Gross Rent £pa	less. Mgmt	Net Ret £pa	Yield	Capitalisation		
Convenience Retail	238,959	0.00%	238,959	5.00%	4,779,176	
0.00%	-	0.00%	0	5.00%	0	
0.00%	-	0.00%	0	7.00%	0	
0.00%	-	0.00%	0	7.00%	0	
0.00%	-	0.00%	0	7.25%	0	
Commercial GDV -						
Less Incentive £	Net Cap Value	Purchasers Costs	PC £	Net Cap Value		
Convenience Retail	238,959	4,540,217	6.80%	308,735	4,231,482	
0.00%	-	-	6.80%	0	0	
0.00%	-	-	6.80%	0	0	
0.00%	-	-	6.80%	0	0	
0.00%	-	-	6.80%	0	0	
Sub-total GDV Commercial						4,231,482
Total GDV						184,051,260

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology: **Strategic Site 3** No Units: **550**
 Site Typology: Location / Value Zone: **Middle** Greenfield/Brownfield: **Greenfield**
 Notes: **550no. Dwellings + 1,500 sqm convenience retail**

DEVELOPMENT COSTS									
Initial Payments -									
Statutory Planning Fees (Residential)									(91,859)
Planning Application Professional Fees, Surveys and reports									(280,000)
Resi CIL			29,998 sqm (Market only)		120.00 £ psm				(3,599,710)
Commercial CIL			1,500 sqm (Market only)		75.00 £ psm				(112,500)
	CIL analysis:		2.00% % of GDV		6,545 £ per unit (total units)				
Site Specific S106 Contributions									
	Year 1				0				-
	Year 2				0				-
	Year 3				0				-
	Year 4				0				-
	Year 5				0				-
	Year 6				0				-
	Year 7				0				-
	Year 8				0				-
	Year 9				0				-
	Year 10				0				-
	Year 11				0				-
	Year 12				0				-
	Year 13				0				-
	Year 14				0				-
	Year 15				0				-
	Years 1-15		550 units @		5,000 per unit				(2,750,000)
	Sub-total								(2,750,000)
	S106 analysis:	163,700 £ per ha	1.53% % of GDV		5,000 £ per unit (total units)				
AH Commuted Sum			48,324 sqm (total)		0 £ psm				-
	Comm. Sum analysis:		0.00% % of GDV						
Construction Costs -									
Site Clearance, Demolition & Remediation			16.80 ha @			£ per ha (if brownfield)			-
Site Infrastructure costs -									
	Year 1		0						-
	Year 2		0						-
	Year 3		0						-
	Year 4		0						-
	Year 5		0						-
	Year 6		0						-
	Year 7		0						-
	Year 8		0						-
	Year 9		0						-
	Year 10		0						-
	Year 11		0						-
	Year 12		0						-
	Year 13		0						-
	Year 14		0						-
	Year 15		0						-
	Years 1-15		550 units @		20,000 per unit				(11,000,000)
	Sub-total								(11,000,000)
	Infra. Costs analysis:	654,800 £ per ha	6.12% % of GDV		20,000 £ per unit (total units)				
1 bed House			- sqm @		1,547 psm				-
2 bed House			7,560 sqm @		1,547 psm				(11,695,784)
3 bed House			28,050 sqm @		1,547 psm				(43,393,350)
4 bed House			4,708 sqm @		1,547 psm				(7,283,276)
5 bed House			484 sqm @		1,547 psm				(748,748)
1 bed Flat			3,688 sqm @		1,698 psm				(6,262,624)
2 bed Flat			3,833 sqm @		1,698 psm				(6,508,734)
Garages for 3 bed House	188 50%		units @	18.00 sqm @	600 £ psm				(1,015,740)
Garages for 4 bed House	20 75%		units @	24.00 sqm @	600 £ psm				(213,840)
Garages for 5 bed House	- 125%		units @	32.00 sqm @	600 £ psm				-
Convenience Retail			1,500 sqm @		1,660				(2,490,000)
0.00%			- sqm @		0				-
0.00%			- sqm @		0				-
0.00%			- sqm @		0				-
0.00%			- sqm @		0				-
External works (residential)			77,122,095 @		15.0%				(11,568,314)
External works (commercial)			2,490,000 @		10.0%				(249,000)
	Ext. Works analysis:				21,033 £ per unit (total units)				
Policy Costs on Design -									
Environment Act - BNG 10%			550 units @		1,100 £ per unit				(605,000)
HO11 - M4(2) Category 2 Housing	Aff units	220 units @	40% @		1,400 £ per unit				(123,200)
HO11 - M4(2) Category 2 Housing	OMS units	330 units @	40% @		1,400 £ per unit				(184,800)
HO11 - M4(3) Category 3 Housing	Aff units	220 units @	10% @		22,000 £ per unit				(484,000)
HO11 - M4(3) Category 3 Housing	OMS units	330 units @	10% @		22,000 £ per unit				(726,000)
CC1 - FHS 2025 - Option 1		550 units @			6,200 £ per unit				(3,410,000)
CC1 - Net Zero Carbon	- 79,612,095	base construction @			15.0% % additional				(11,941,814)
CC3 - Water Efficiency		550 units @			10 £ per unit				(5,500)
NH5(b) - Tree-lined Streets		550 units @	5 units per tree		3,300				(363,000)
GD2 - Design Certification (BREEAM)	- 2,739,000	base construction @			2.00% additional				(54,780)
	Sub-total								(17,898,094)
	Policy Costs analysis: (design costs only)				32,542 £ per unit (total units)				
Contingency (on construction)			120,327,504 @		5.0%				(6,016,375)

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology: Strategic Site 3
Site Typology: Location / Value Zone: Middle
Notes: No Units: 550
Greenfield/Brownfield: Greenfield
550no. Dwellings + 1,500 sqm convenience retail

Professional Fees	120,327,504	@	10.0%		(12,032,750)
Disposal Costs -					
OMS Marketing and Promotion (Sales)	127,924,500	OMS @	1.00%	2,326 £ per unit	(1,279,245)
Residential Sales Agent Costs	127,924,500	OMS @	1.00%	2,326 £ per unit	(1,279,245)
Residential Sales Legal Costs	330	Units @	£1,250	£ per unit	(412,500)
Affordable Sale Legal Costs	220	Units @	£500	£ per unit	(110,000)
Commercial Letting Agents Costs	238,959	ERV @	10.00%		(23,896)
Commercial Letting Legal Costs	238,959	ERV @	5.00%		(11,948)
Commercial Investment Sale Agents Costs	4,231,482	GDV @	1.00%		(42,315)
Commercial Investment Sale Legal Costs	4,231,482	GDV @	0.50%		(21,157)
BTR Letting Agent Cost	-	GDV @	10.00%		-
BTR Letting Legal Cost	-	GDV @	5.00%		-
BTR Investment Sale Agent	-	GDV @	0.50%		-
BTR Investment Sale Legal	-	GDV @	0.25%		-
Empty Property Costs					-
Disposal Cost analysis:				5,602 £ per unit (exc. EPC)	
Interest (on Development Costs) -	7.50%	APR	0.604%	pcm	(6,419,609)
Developers Profit -					
Profit on OMS	127,924,500		17.50%	on GDV	(22,386,788)
Commercial Profit	2,901,313		15.00%	on Cost	(435,197)
BTR Profit	0		15.00%	on Cost	-
Margin on AH	51,895,278		6.00%	on GDV	(3,113,717)
Profit analysis:	184,051,260		14.09%	blended GDV	(25,935,701)
	154,810,613		16.75%	on costs	(25,935,701)
TOTAL COSTS					(180,746,314)

RESIDUAL LAND VALUE (RLV)					
Residual Land Value (gross)					3,304,946
SDLT	3,304,946	@	HMRC formula		(154,747)
Acquisition Agent fees	3,304,946	@	1.0%		(33,049)
Acquisition Legal fees	3,304,946	@	0.5%		(16,525)
Interest on Land	3,304,946	@	7.50%		(247,871)
Residual Land Value					2,852,753
RLV analysis:	5,187 £ per plot	169,817 £ per ha (net)	68,724 £ per acre (net)		
		101,890 £ per ha (gross)	41,234 £ per acre (gross)		
			1.59% % RLV / GDV		

BENCHMARK LAND VALUE (BLV)					
Residential Density	32.7	dph (net)			
Site Area (net)	16.80	ha (net)	41.51	acres (net)	
Net to Gross ratio	60%				
Site Area (gross)	28.00	ha (gross)	69.18	acres (gross)	
Density analysis:	2,877	sqm/ha (net)	12,531	sqft/ac (net)	
	20	dph (gross)			
Benchmark Land Value (net)	21,384 £ per plot	700,116 £ per ha (net)	283,333 £ per acre (net)		11,761,262
BLV analysis:		420,070 £ per ha (gross)	170,000 £ per acre (gross)		

BALANCE					
Surplus/(Deficit)	(530,299) £ per ha (net)	(214,609) £ per acre (net)			(8,908,509)

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:

Site Typology:

Notes:

Strategic Site 3

Location / Value Zone:

Middle

No Units: 550

Greenfield/Brownfield:

Greenfield

550no. Dwellings + 1,500 sqm convenience retail

SENSITIVITY ANALYSIS

The following sensitivity tables show the balance of the appraisal (RLV-BLV £ per acre) for changes in appraisal input assumptions above.

Where the surplus is positive (green) the policy is viable. Where the surplus is negative (red) the policy is not viable.

TABLE 1

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(214,609)	0%	5%	10%	15%	20%	25%	30%
CIL £ psm 120.00	0.00	85,738	59,356	32,973	6,590	(19,793)	(46,175)	(72,560)
	10.00	73,453	47,684	21,916	(3,853)	(29,621)	(55,389)	(81,158)
	20.00	61,161	36,013	10,859	(14,295)	(39,449)	(64,604)	(89,758)
	30.00	48,809	24,279	(251)	(24,782)	(49,312)	(73,842)	(98,372)
	40.00	36,457	12,544	(11,368)	(35,281)	(59,193)	(83,106)	(107,018)
	50.00	24,073	785	(22,502)	(45,789)	(69,077)	(92,370)	(115,664)
	60.00	11,653	(11,013)	(33,680)	(56,346)	(79,013)	(101,679)	(124,345)
	70.00	(767)	(22,812)	(44,858)	(66,903)	(88,948)	(110,994)	(133,039)
	80.00	(13,251)	(34,666)	(56,082)	(77,497)	(98,913)	(120,329)	(141,744)
	90.00	(25,739)	(46,530)	(67,322)	(88,113)	(108,904)	(129,695)	(150,486)
	100.00	(38,261)	(58,421)	(78,580)	(98,740)	(118,900)	(139,062)	(159,228)
	110.00	(50,820)	(70,352)	(89,883)	(109,415)	(128,947)	(148,479)	(168,010)
	120.00	(63,384)	(82,283)	(101,186)	(120,090)	(138,994)	(157,898)	(176,802)
	130.00	(76,015)	(94,282)	(112,549)	(130,815)	(149,082)	(167,349)	(185,616)
	140.00	(88,645)	(106,281)	(123,916)	(141,551)	(159,187)	(176,822)	(194,458)
	150.00	(101,331)	(118,327)	(135,324)	(152,320)	(169,316)	(186,312)	(203,309)
	160.00	(114,034)	(130,395)	(146,757)	(163,118)	(179,479)	(195,840)	(212,201)
	170.00	(126,775)	(142,495)	(158,214)	(173,934)	(189,653)	(205,373)	(221,093)
	180.00	(139,553)	(154,634)	(169,714)	(184,795)	(199,875)	(214,956)	(230,037)
	190.00	(152,355)	(166,791)	(181,227)	(195,663)	(210,100)	(224,539)	(238,981)
	200.00	(165,208)	(179,001)	(192,795)	(206,589)	(220,382)	(234,176)	(247,969)
	210.00	(178,076)	(191,222)	(204,368)	(217,515)	(230,665)	(243,816)	(256,966)
	220.00	(191,006)	(203,506)	(216,005)	(228,505)	(241,005)	(253,504)	(266,004)
	230.00	(203,947)	(215,795)	(227,644)	(239,495)	(251,349)	(263,202)	(275,055)
	240.00	(216,955)	(228,153)	(239,352)	(250,550)	(261,749)	(272,947)	(284,572)
	250.00	(229,963)	(240,511)	(251,059)	(261,607)	(272,155)	(282,703)	(293,160)

TABLE 2

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(214,609)	0%	5%	10%	15%	20%	25%	30%
Site Specific S106 5,000	-	5,449	(13,492)	(32,432)	(51,373)	(70,313)	(89,276)	(108,248)
	1,000	(8,251)	(27,169)	(46,095)	(65,036)	(83,976)	(102,917)	(121,857)
	2,000	(21,989)	(40,907)	(59,825)	(78,743)	(97,661)	(116,579)	(135,520)
	3,000	(35,747)	(54,651)	(73,564)	(92,482)	(111,399)	(130,317)	(149,235)
	4,000	(49,563)	(68,467)	(87,370)	(106,274)	(125,178)	(144,082)	(162,986)
	5,000	(63,384)	(82,283)	(101,186)	(120,090)	(138,994)	(157,898)	(176,802)
	6,000	(77,279)	(96,177)	(115,076)	(133,974)	(152,873)	(171,771)	(190,669)
	7,000	(91,174)	(110,072)	(128,974)	(147,876)	(166,778)	(185,679)	(204,581)
	8,000	(105,145)	(124,047)	(142,949)	(161,851)	(180,752)	(199,654)	(218,556)
	9,000	(119,120)	(138,027)	(156,941)	(175,855)	(194,769)	(213,683)	(232,597)
	10,000	(133,170)	(152,084)	(170,998)	(189,911)	(208,825)	(227,755)	(246,690)
	12,500	(168,430)	(187,364)	(206,317)	(225,281)	(244,246)	(263,210)	(282,203)
	15,000	(203,958)	(222,961)	(241,965)	(260,968)	(279,971)	(301,815)	(323,912)
	17,500	(239,733)	(258,736)	(277,740)	(299,220)	(321,358)	(343,525)	(365,693)
	20,000	(275,517)	(296,706)	(318,873)	(341,041)	(363,208)	(385,376)	(407,625)

TABLE 3

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(214,609)	0%	5%	10%	15%	20%	25%	30%
Profit 17.5%	15.0%	47,045	22,625	(1,800)	(26,225)	(50,651)	(75,076)	(99,501)
	16.0%	2,873	(19,338)	(41,555)	(63,771)	(85,988)	(108,205)	(130,421)
	17.0%	(41,298)	(61,301)	(81,309)	(101,317)	(121,325)	(141,333)	(161,341)
	18.0%	(85,470)	(103,264)	(121,064)	(138,863)	(156,663)	(174,462)	(192,262)
	19.0%	(129,642)	(145,227)	(160,818)	(176,409)	(192,000)	(207,591)	(223,182)
	20.0%	(173,813)	(187,190)	(200,573)	(213,955)	(227,337)	(240,720)	(254,102)

TABLE 4

		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(214,609)	0%	5%	10%	15%	20%	25%	30%
BLV (£ per acre) 283,333	100,000	119,949	101,050	82,147	63,243	44,339	25,435	6,531
	110,000	109,949	91,050	72,147	53,243	34,339	15,435	(3,469)
	120,000	99,949	81,050	62,147	43,243	24,339	5,435	(13,469)
	130,000	89,949	71,050	52,147	33,243	14,339	(4,565)	(23,469)
	140,000	79,949	61,050	42,147	23,243	4,339	(14,565)	(33,469)
	150,000	69,949	51,050	32,147	13,243	(5,661)	(24,565)	(43,469)
	160,000	59,949	41,050	22,147	3,243	(15,661)	(34,565)	(53,469)
	170,000	49,949	31,050	12,147	(6,757)	(25,661)	(44,565)	(63,469)
	180,000	39,949	21,050	2,147	(16,757)	(35,661)	(54,565)	(73,469)
	190,000	29,949	11,050	(7,853)	(26,757)	(45,661)	(64,565)	(83,469)
	200,000	19,949	1,050	(17,853)	(36,757)	(55,661)	(74,565)	(93,469)
	210,000	9,949	(8,950)	(27,853)	(46,757)	(65,661)	(84,565)	(103,469)
	220,000	(51)	(18,950)	(37,853)	(56,757)	(75,661)	(94,565)	(113,469)
	230,000	(10,051)	(28,950)	(47,853)	(66,757)	(85,661)	(104,565)	(123,469)
	240,000	(20,051)	(38,950)	(57,853)	(76,757)	(95,661)	(114,565)	(133,469)
	250,000	(30,051)	(48,950)	(67,853)	(86,757)	(105,661)	(124,565)	(143,469)

251118 Stevenage WPV Strategic Site Appraisals 40pc AH_v0.1

Scheme Typology:
Site Typology:
Notes:

Strategic Site 3
Location / Value Zone: Middle
No Units: 550
Greenfield/Brownfield: Greenfield
550no. Dwellings + 1,500 sqm convenience retail

TABLE 5		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(214,609)	0%	5%	10%	15%	20%	25%	30%
Density (dph) 32.7	20	(148,972)	(160,517)	(172,064)	(183,612)	(195,160)	(206,708)	(218,256)
	22	(135,536)	(148,235)	(160,938)	(173,640)	(186,343)	(199,045)	(211,748)
	24	(122,100)	(135,953)	(149,811)	(163,668)	(177,525)	(191,383)	(205,240)
	26	(108,664)	(123,672)	(138,684)	(153,696)	(168,708)	(183,720)	(198,733)
	28	(95,228)	(111,390)	(127,557)	(143,724)	(159,891)	(176,058)	(192,225)
	30	(81,792)	(99,108)	(116,430)	(133,752)	(151,074)	(168,395)	(185,717)
	32	(68,356)	(86,827)	(105,303)	(123,780)	(142,256)	(160,733)	(179,209)
	34	(54,919)	(74,545)	(94,176)	(113,808)	(133,439)	(153,070)	(172,702)
	36	(41,483)	(62,264)	(83,050)	(103,836)	(124,622)	(145,408)	(166,194)
	38	(28,047)	(49,982)	(71,923)	(93,864)	(115,804)	(137,745)	(159,686)
	40	(14,611)	(37,700)	(60,796)	(83,891)	(106,987)	(130,083)	(153,179)
TABLE 6		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(214,609)	0%	5%	10%	15%	20%	25%	30%
Build Cost 100% (105% = 5% increase)	50%	1,303,452	1,274,987	1,246,343	1,217,494	1,188,415	1,159,082	1,129,471
	60%	1,041,517	1,014,964	988,266	961,399	934,337	907,056	879,530
	70%	775,676	751,129	726,472	701,678	676,707	651,566	626,231
	75%	640,920	617,379	593,726	569,971	546,088	522,051	497,837
	80%	504,605	482,090	459,455	436,751	413,952	391,032	367,962
	85%	366,470	344,924	323,324	301,673	279,922	258,101	236,183
	90%	226,107	205,537	184,905	164,273	143,557	122,821	102,014
	95%	83,036	63,359	43,660	23,939	4,218	(15,524)	(35,298)
	100%	(63,384)	(82,263)	(101,186)	(120,090)	(138,994)	(157,898)	(176,802)
	105%	(214,093)	(232,392)	(250,691)	(268,990)	(288,227)	(309,505)	(330,783)
	110%	(382,105)	(402,711)	(423,317)	(443,923)	(464,626)	(485,344)	(506,062)
	120%	(747,127)	(766,680)	(786,399)	(806,145)	(826,097)	(846,165)	(866,402)
TABLE 7		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(214,609)	0%	5%	10%	15%	20%	25%	30%
Market Values 100% (105% = 5% increase)	80%	(1,009,004)	(981,847)	(954,691)	(927,535)	(900,379)	(873,223)	(846,067)
	85%	(754,710)	(740,287)	(725,864)	(711,441)	(697,018)	(682,595)	(668,172)
	90%	(506,947)	(504,926)	(502,904)	(500,883)	(498,862)	(496,840)	(494,820)
	95%	(266,900)	(275,601)	(284,755)	(294,872)	(304,990)	(315,108)	(325,225)
	100%	(63,384)	(82,283)	(101,186)	(120,090)	(138,994)	(157,898)	(176,802)
	102%	16,000	(6,884)	(29,768)	(52,652)	(75,535)	(98,419)	(121,303)
	104%	94,490	67,670	40,849	14,029	(12,791)	(39,611)	(66,432)
	106%	172,216	141,496	110,777	80,057	49,337	18,618	(12,102)
	108%	249,300	214,712	180,124	145,536	110,948	76,360	41,772
	110%	325,808	287,387	248,966	210,546	172,125	133,704	95,273
	112%	401,839	359,601	317,363	275,125	232,887	190,649	148,411
	114%	477,435	431,409	385,383	339,357	293,331	247,305	201,279
	116%	552,678	502,882	453,085	403,288	353,492	303,695	253,898
	118%	627,598	574,047	520,495	466,944	413,383	359,822	306,260
	120%	702,224	644,932	587,641	530,342	473,040	415,738	358,436
	122%	776,586	715,567	654,548	593,529	532,500	471,470	410,440
	124%	850,713	785,978	721,244	656,509	591,774	527,038	462,291
	126%	924,633	856,193	787,753	719,312	650,872	582,432	513,992
	128%	998,376	926,239	854,102	781,964	709,827	637,690	565,552
	130%	1,071,970	996,143	920,316	844,489	768,662	692,834	617,007
	132%	1,145,390	1,065,892	986,393	906,895	827,397	747,887	668,376
TABLE 8		Affordable Housing - % on site 40%						
Balance (RLV - BLV £ per acre (n))	(214,609)	0%	5%	10%	15%	20%	25%	30%
Grant (£ per unit) -	5,000	(63,384)	(78,848)	(94,317)	(109,786)	(125,255)	(140,724)	(156,218)
	10,000	(63,384)	(75,413)	(87,448)	(99,482)	(111,551)	(123,638)	(135,743)
	15,000	(63,384)	(71,979)	(80,578)	(89,218)	(97,888)	(106,612)	(115,371)
	20,000	(63,384)	(68,544)	(73,716)	(78,971)	(84,274)	(89,642)	(95,098)
	25,000	(63,384)	(65,109)	(66,884)	(68,731)	(70,686)	(72,748)	(74,930)
	30,000	(63,384)	(61,675)	(60,053)	(58,539)	(57,155)	(55,919)	(54,852)
	35,000	(63,384)	(58,240)	(53,221)	(48,348)	(43,640)	(39,136)	(34,858)
	40,000	(63,384)	(54,805)	(46,393)	(38,183)	(30,186)	(22,419)	(14,942)
	45,000	(63,384)	(51,382)	(39,599)	(28,047)	(16,742)	(5,764)	4,900
	50,000	(63,384)	(47,966)	(32,805)	(17,910)	(3,360)	10,857	24,655
	55,000	(63,384)	(44,551)	(26,011)	(7,814)	10,013	27,403	44,332

NOTES

Cells highlighted in yellow are input cells

Cells highlighted in green are sensitivity input cells

Figures in brackets, thus (00,000.00), are negative values / costs

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