

SHAP criteria	Current standards	SHAP housing performance targets	
Topics	legal minimum	SHAP 2020	SHAP 2025
Water	Minimum requirements:	Minimum plus:	SHAP 2020 plus:
	Bldg Regs Part G 125 - 110 l/p/day local SUDS policy	Indoor Water usage 90 - 105 l/p/day flow rate controlled fittings plus low volume sanitaryware Provision of water butt for rainwater harvesting <i>Indoor water usage offered as a range to reflect varying on dwelling occupancy</i>	Indoor Water usage 80 - 90 l/p/day local SUDS policy ++ rain water recycling systems <i>examine individual recycling vs. communal / grey water recycling for larger scale schemes?</i>
	notes:		
	link / case study:	<i>CfSH Category 2 - Wat1</i>	
Carbon	Minimum requirements:	Minimum plus:	SHAP 2020 plus:
	Bldg Regs Part L Local renewables policy	Workstream 1 - CAR report Level 1 / 2 - renewables recommendation CO2 emissions: 25-50% improvement over Part L min MMC strategy with demonstrable reductions in embodied CO2	Workstream 1 - CAR report Level 3 - renewables recommendation CO2 emissions: 50-100% improvement over Part L min Recycled materials strategy for further embodied CO2 reductions
	notes:	<i>Consider: EV charging point policy / embodied energy calcs. FEE proposed based on AECB Silver standard</i>	<i>Consider district heating strategy</i>
	link / case study:	<i>CfSH Category 1 - Ene1 + Ene2 - Dwelling Emission Rate + Fabric energy efficiency</i> AECB Silver Standard	Passivhaus standard
Comfort	Minimum requirements:	Minimum plus:	SHAP 2020 plus:
	Building Regs Part, E, F, J Robust Details	Internal air quality (IAQ) - commitment to monitor Summer overheating <10% Average Daylight Factor results as per CfSH targets	IAQ targets based on on SHAP 2020 results Summer overheating <5% Liveability / furnishing templates
	notes:	<i>Consider: broadband strategy</i>	<i>Smart controls & infrastructure</i>
	link / case study:	AECB Silver Standard <i>CfSH Category 7 - Hea1 Daylighting</i>	<i>Passivhaus guidance</i>
Space	Minimum requirements:	Minimum plus:	SHAP 2020 plus:
	Local planning policy Bldg Regs Part M Category 1	Nationally Described Space Standard (NDSS) minimums - application of all criteria including bedroom sizes Bldg Regs Part M Category 2 <i>NDSS minimum Gross Internal Areas determine overall dwelling size - Part M2 accessibility criteria deemed incl., specific types to be tested against Lifetime Homes Criteria also</i>	NDSS PLUS - use/furnishing templates, L/K/D min sizes All 16 Lifetime Homes criteria + Part M Category 3 <i>Full Lifetime Homes criteria includes measures to improve space and access in landscape and around the home</i>
	notes:		
	link / case study:	NDSS	Lifetime Homes
Place	Minimum requirements:	Minimum plus:	SHAP 2020 plus:
	NPPF & NPPG 2014-2017 BDP 2017 local planning + numerical standards	Building For Life 12 criteria Happy City & WWC-WB link NPPF & 2018 review	POE & case Study review Happy City & WWC-WB link
	notes:	SHAP align with Place making guidance post BCC Places for Living 2001. NPPG 2017 Design section, Local Design Review panels, monitor evolving Design Codes	Monitor any updated Urban Design Guidance
	link / case study:	Building For Life	
Energy	Minimum requirements:	Minimum plus:	SHAP 2020 plus:
	Building Regs Part L	Workstream 1 - CAR report Level 1 / 2 - fabric efficiency targets Fabric Energy Efficiency: 40 - 55 kWh/m2/a improved fabric / air-tightness / renewables option	Workstream 1 - CAR report level 3 - fabric efficiency targets Fabric Energy Efficiency: 15 - 40 kWh/m2/a extended renewables installation
	notes:	<i>CAR report benchmarks dependant on balance between air-tightness and renewable energy choices between recommended level 1 + level 2.</i>	<i>Passivhaus standard?... Specific Heating Load ≤ 10 W/m2, Specific Primary Energy Demand ≤ 120 kWh/m2. Yr - Passivhaus Plus stretch target? / consider district heating strategy</i>
	link / case study:	<i>Healthy Housing New Build Standard - CAR Ltd</i> AECB Silver Standard	Passivhaus standard
Wellbeing	Minimum requirements:	Minimum plus:	SHAP 2020 plus:
	Legal min within Health, Decent Homes & Housing Acts. Focus on objective measures. NPPG 2017 H&WB	POE outcomes improved evidence base? BRE House Quality Mark comparison tests RIBA Stage 7? SHAP POE checklist? Type approval? Establish Future proofing approach	SHAP publications Case studies / guidelines Feedback - Survey formats Future proofing First results
	notes:	No mandatory POE expected. Unclear who gains from POE.	Review Satisfaction Models, Test feedback survey formats incl web based. SHAP examine linkage to work of WWC-WB. Health & Well Being Boards?
	link / case study:	Evidence base?	JV projects with WWC-WB/local HWBB