

## The Leeds Standard Matrix

Purpose	Key Themes	Application to Housing Growth - implementation framework	Application to Council Housing Growth Programme – adopted standards and specification
<b>Design Quality and Liveability</b>	<ul style="list-style-type: none"> <li>• Unique Character of different communities</li> <li>• Place making</li> <li>• Choice of materials</li> <li>• Housing Mix</li>   <li>• Design principles &amp; local distinctiveness</li> <li>• Housing Types</li> <li>• Space About Dwellings</li> <li>• Densities</li>   <li>• Meeting Housing Need</li> <li>• Lifetime Homes</li> <li>• Greenspace Provision/Green Infrastructure</li> <li>• Access to service &amp; Infrastructure</li> </ul>	<p>Neighbourhoods for Living SPG updated as “NfL in Practice”.</p> <p>UDP Saved Policies</p> <p>City Centre Urban Design Strategy Conservation Area Assessments Neighbourhood Design Statements</p> <p>Core Strategy Policies :</p> <p>P10 – P12</p> <p>H3, H4 &amp; H8</p> <p>G1 – G8</p> <p>P9 &amp; ID1</p>	<p>Use and enforcement of Council policies and guidance particularly the Council’s ‘Street Design Guide’ and “Building for Tomorrow Today” Supplementary Planning Document</p> <p>Neighbourhoods For Living applied as an assessment matrix .</p>
<b>Space Standards</b>	<ul style="list-style-type: none"> <li>• Minimum Space Standards</li> <li>• Explore optional Building Regulations</li> </ul>	<p>Encourage improvements in housing sector overall using council programme standards as opposite</p> <p>Building Regulations following Housing Standards Review</p>	<p>HCA Benchmark Space Standards BS9266 “Design of accessible and adaptable general needs housing code of practice” referenced as applicable. Additional specification including:</p> <ul style="list-style-type: none"> <li>• A hallway/vestibule to be provided to allow for storage of outside clothing and any mobility aids</li> <li>• Minimum ceiling heights (in line with English Partnership’s Quality Standards Delivering Quality Places as an existing example of good practice) of 3m on the ground floor and 2.4m on upper floors</li> <li>• Bedrooms to be doubles</li> <li>• One bed units to be built on the footprint of a two bed unit to allow flexibility and subsequent conversion in response to changes in demand.</li> </ul>

<p><b>Sustainable Design &amp; Construction</b></p>	<ul style="list-style-type: none"> <li>• Energy Efficiency</li> <li>• Low Carbon</li> <li>• SUDS</li> <li>• Local sourcing of materials</li> </ul>	<p>Encourage improvements in housing sector overall using council programme standards as opposite</p> <p>CS Policies EN1 – EN3 Building for Tomorrow Today SPD</p>	<p>Design/Orientation</p> <ul style="list-style-type: none"> <li>• maximise solar gain, energy that is received free from the sun.</li> <li>• Each property to either have solar PV or be designed to allow easy retrofit.</li> <li>• All properties should have SMART electricity meters</li> </ul> <p>Fabric</p> <ul style="list-style-type: none"> <li>• ‘fabric first’ as high levels of insulation equals low energy demand.</li> <li>• Low u-values to all elements Floor/Wall/Roof 0.15 or lower, windows 0.8 or lower triple glazed.</li> <li>• Aim for all surfaces to be within 5°C of each other, creating a comfortable environment.</li> <li>• Airtightness / MVHR High levels of air tightness and no draughts or uncontrolled ventilation, resulting in heat loss.</li> <li>• Aim to achieve 1 air change per hour or less</li> <li>• MVHR providing the correct ventilation and air changes per hour = better air quality.</li> <li>• MVHR recovers 90% of heat back into incoming air.</li> </ul> <p>Heating</p> <ul style="list-style-type: none"> <li>• low levels of heating (in relation to Insulation and air tightness)</li> <li>• boiler size to achieve efficiency in relation to property size</li> <li>• gas central heating designed to allow boiler to operate in condensing mode; Underfloor heating where relevant</li> <li>• Electric only properties to be explored as an option, if low heat demand. This saves on servicing costs, installation costs, saving of gas standing charge.</li> </ul> <p>Hot Water</p> <ul style="list-style-type: none"> <li>• Either from gas central heating, combi or cylinder.</li> <li>• Or if electric only:</li> <li>• Small flat – electric point water heater / shower or small cylinder.</li> <li>• Larger house – Cylinder Immersion / with option of solar hot water.</li> </ul>
---	--	--	---