Table S1. Summary of the results of the comparison between the components of the FBCs with the local urban form-related regulations and guidelines for new urban neighborhoods in Abu Dhabi.

**Legend:**
- S: Standards
- G: Guidelines
- ADM: Abu Dhabi Municipality
- ADUPC: Abu Dhabi Urban Planning Council
- DoT: Department of Transportation

<table>
<thead>
<tr>
<th>FBC components</th>
<th>Form-related standards and guidelines in Abu Dhabi</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Regulation item</td>
</tr>
<tr>
<td>Regulating plan</td>
<td>Administrative role (land use)</td>
</tr>
<tr>
<td></td>
<td>Direct role (street frontage)</td>
</tr>
<tr>
<td></td>
<td>Planning role</td>
</tr>
<tr>
<td>Public spaces standards</td>
<td>Movement type</td>
</tr>
<tr>
<td>Thoroughfare</td>
<td>Design speed</td>
</tr>
<tr>
<td></td>
<td>Pedestrian crossing time</td>
</tr>
<tr>
<td></td>
<td>Bicycle lanes</td>
</tr>
<tr>
<td></td>
<td>Planter type</td>
</tr>
<tr>
<td></td>
<td>Distances between intersections</td>
</tr>
<tr>
<td></td>
<td>Curb face to curb face width</td>
</tr>
<tr>
<td>Category</td>
<td>Parameter</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>Curb type</td>
<td>Curb design</td>
</tr>
<tr>
<td>Walkway Type</td>
<td>Pedestrian realm (through lane)</td>
</tr>
<tr>
<td>Curb radius</td>
<td>Corner radii</td>
</tr>
</tbody>
</table>

Civic spaces

<table>
<thead>
<tr>
<th>Category</th>
<th>Parameter</th>
<th>Reference</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>General character</td>
<td>Characteristics</td>
<td>ADUPC-1 (2010)</td>
<td></td>
</tr>
<tr>
<td>Activity type</td>
<td>Features/Activities</td>
<td>ADUPC-1 (2010)</td>
<td>S</td>
</tr>
<tr>
<td>Acreage</td>
<td>Level of service</td>
<td>ADUPC-1 (2010)</td>
<td>S</td>
</tr>
<tr>
<td>Location</td>
<td>Location</td>
<td>ADUPC-1 (2010)</td>
<td>S</td>
</tr>
<tr>
<td>Size</td>
<td>Universal standard for open space</td>
<td>ADUPC-1 (2010)</td>
<td>S</td>
</tr>
</tbody>
</table>

Block standards

<table>
<thead>
<tr>
<th>Category</th>
<th>Parameter</th>
<th>Reference</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum block size</td>
<td>240 m</td>
<td>ADUPC-1 (2014)</td>
<td>S</td>
</tr>
</tbody>
</table>

Building types standards

<table>
<thead>
<tr>
<th>Category</th>
<th>Parameter</th>
<th>Reference</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>General description</td>
<td>Description</td>
<td>ADM (2014)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Facility type</td>
<td>ADUPC-1 (2014)</td>
<td>S</td>
</tr>
<tr>
<td></td>
<td>Lot size</td>
<td>ADM (2014)</td>
<td></td>
</tr>
<tr>
<td>Required lot size</td>
<td>Minimum site size for community facilities</td>
<td>ADUPC-1 (2014)</td>
<td>S</td>
</tr>
<tr>
<td>Pedestrian access</td>
<td>Pedestrian access to the plot</td>
<td>ADM (2014)</td>
<td>S</td>
</tr>
<tr>
<td>Frontages</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vehicle access and parking</td>
<td>Vehicle access and parking</td>
<td>ADM (2014) ADUPC (2013)</td>
<td>S</td>
</tr>
<tr>
<td>Service</td>
<td>Service</td>
<td>ADUPC-2 (2014)</td>
<td>S</td>
</tr>
<tr>
<td>Open space</td>
<td>Open space</td>
<td>ADUPC (2013) ADUPC-1 (2014)</td>
<td>S</td>
</tr>
<tr>
<td>Landscape</td>
<td>Landscape</td>
<td>ADM (2014)</td>
<td>S</td>
</tr>
<tr>
<td>Building size and massing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Built-to-line</strong></td>
<td>Ancillary building for villas</td>
<td>ADM (2014)</td>
<td></td>
</tr>
<tr>
<td><strong>Setback</strong></td>
<td>Minimum building setbacks</td>
<td>ADM (2014)</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum lot width</strong></td>
<td>Maximum lot width</td>
<td>ADM (2014)</td>
<td></td>
</tr>
<tr>
<td><strong>Minimum lot width</strong></td>
<td>Minimum lot width</td>
<td>ADM (2014)</td>
<td></td>
</tr>
</tbody>
</table>

| Building Form Standards |
|-------------------------|--------------------------|
| **Minimum building height** | Minimum building height | ADM (2014) |
| **Maximum building height** | Maximum building height | ADM (2014) |
| **Ground-floor finished level height** | Maximum ground floor finished level | ADM (2014) |
| **Minimum ground-floor ceiling height** | Minimum ground floor height | ADM (2014) |
| **Minimum upper-floor(s) ceiling height** | Minimum first floor height | ADM (2014) |
| **Maximum building depth** | The maximum plot coverage | ADM (2014) |
| **Maximum ancillary building size** | Majlis | ADM (2014) |
| **Building facilities** | Building facilities | ADUPC-1 (2014) |
| **Signage**              | Signage regulations      | ADUPC-2 (2012) |

<table>
<thead>
<tr>
<th>Land uses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Allowed land uses</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Parking regulations</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Frontage type standards</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minimum depth, Height and Width</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Architectural standards</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Massing</strong></td>
</tr>
<tr>
<td><strong>Façade combination</strong></td>
</tr>
<tr>
<td><strong>Windows and doors</strong></td>
</tr>
<tr>
<td><strong>Elements and details</strong></td>
</tr>
<tr>
<td><strong>Materials</strong></td>
</tr>
</tbody>
</table>