SUSTAINABLE URBAN DESIGN FRAMEWORK

TOPIC AREAS IN URBAN DESIGN
Organized by Scale

	REGION & CITY	DISTRICT & NEIGHBORHOOD	BLOCK & STREET	PROJECT & PARCEL
1 Energy Use & Greenhouse Gas *(Transportation & Land Use)*	**1.10** Compact Development *(For Density & Proximity)* **1.11** Robust Transit Networks **1.12** Robust Bicycle Networks **1.13** Balanced Vehicular Networks **1.14** Regional Land Use Mix	**1.20** Robust Pedestrian Networks **1.201** Small & Defined Blocks **1.202** Street Network Connectivity **1.21** High-Density Zoning & Platting **1.22** District-Scale Parking Mgt & Design **1.23** High District Land Use Mix	**1.30** Multimodal Street Design **1.301** Pedestrian-Friendly Streets **1.302** Bicycle-Friendly Streets **1.303** Transit-Friendly Streets **1.304** Limiting Motor Vehicle Impact **1.31** Dense & Street-Activating Bldgs **1.32** Site-Scale Parking Design	**1.40** Active Street Edges **1.41** High Internal Connectivity 1.31 Dense & Street-Activating Buildings 1.32 Site-Scale Parking Design
2 Water	**2.10** Compact Development *(For Limited Impact on Natural Systems)* **2.11** Avoid Flood Prone Areas	**2.20** Robust Stormwater Networks **2.21** Daylight & Restore Waterways	**2.30** High Surface Permeability **2.31** Robust Urban Forest **2.32** Green Stormwater Infrastructure	**2.40** Rainwater Capture & Reuse 2.30 High Surface Permeability 2.31 Robust Urban Forest 2.32 Green Stormwater Infrastructure
3 Ecology & Habitat	**3.10** Compact Development *(For Limited Impact on Natural Systems)* **3.11** Avoid Ecologically Sensitive Areas **3.12** Robust Ecological Networks	**3.20** Ecological Corridors & Patches **3.21** Daylight & Restore Waterways 3.11 Avoid Ecologically Sensitive Areas	**3.30** High Surface Permeability **3.31** Robust Urban Forest **3.32** Microhabitat Creation **3.321** High Vertical Complexity **3.322** Native Vegetation **3.33** Wildlife Crossings **3.34** Robust Ecological Area Buffers **3.35** Limited Light Pollution	3.30 High Surface Permeability 3.31 Robust Urban Forest 3.32 Microhabitat Creation 3.321 High Vertical Complexity 3.322 Native Vegetation 3.33 Wildlife Crossings 3.34 Robust Ecological Area Buffers 3.35 Limited Light Pollution
4 Energy Use & Production *(Non-Transportation)*	**4.10** Compact Development *(For Limited Embodied Energy in Infrastructure)*	**4.20** Street & Block Orientation **4.21** High-Density Zoning & Platting	**4.30** Dense & Energy-Efficient Building Types **4.31** Urban Microclimates **4.311** Cool & Green Surfaces **4.312** Robust Urban Forest **4.313** Street Ht-to-Width Ratio	**4.40** Infill Development 4.30 Dense & Energy-Efficient Building Types
5 Equity & Health	+ **See Energy Use & Greenhouse Gas (1.10 - 1.41): To Maximize Access, Affordability, Activity, Safety, and Social Mobility** **5.10** Compact Development *(For Proximity, Access & Reduced Infrastructure Cost)* **5.11** Equitable Distribution of Uses & Services	**5.20** Balanced Block Size **5.21** High-Density Zoning & Platting **5.22** Limited Location of Point Source Pollution **5.23** Mix of Housing Unit Types 5.11 Equitable Distribution of Uses & Services	**5.30** Active & Attractive Open Space **5.31** Robust Urban Forest **5.32** Affordable Housing Typologies **5.33** Site Design For Community Safety & Inclusion 5.23 Mix of Housing Unit Types	**5.40** Infill Development 5.23 Mix of Housing Unit Types 5.30 Active & Attractive Open Space 5.32 Affordable Housing Typologies 5.33 Site Design For Community Safety & Inclusion