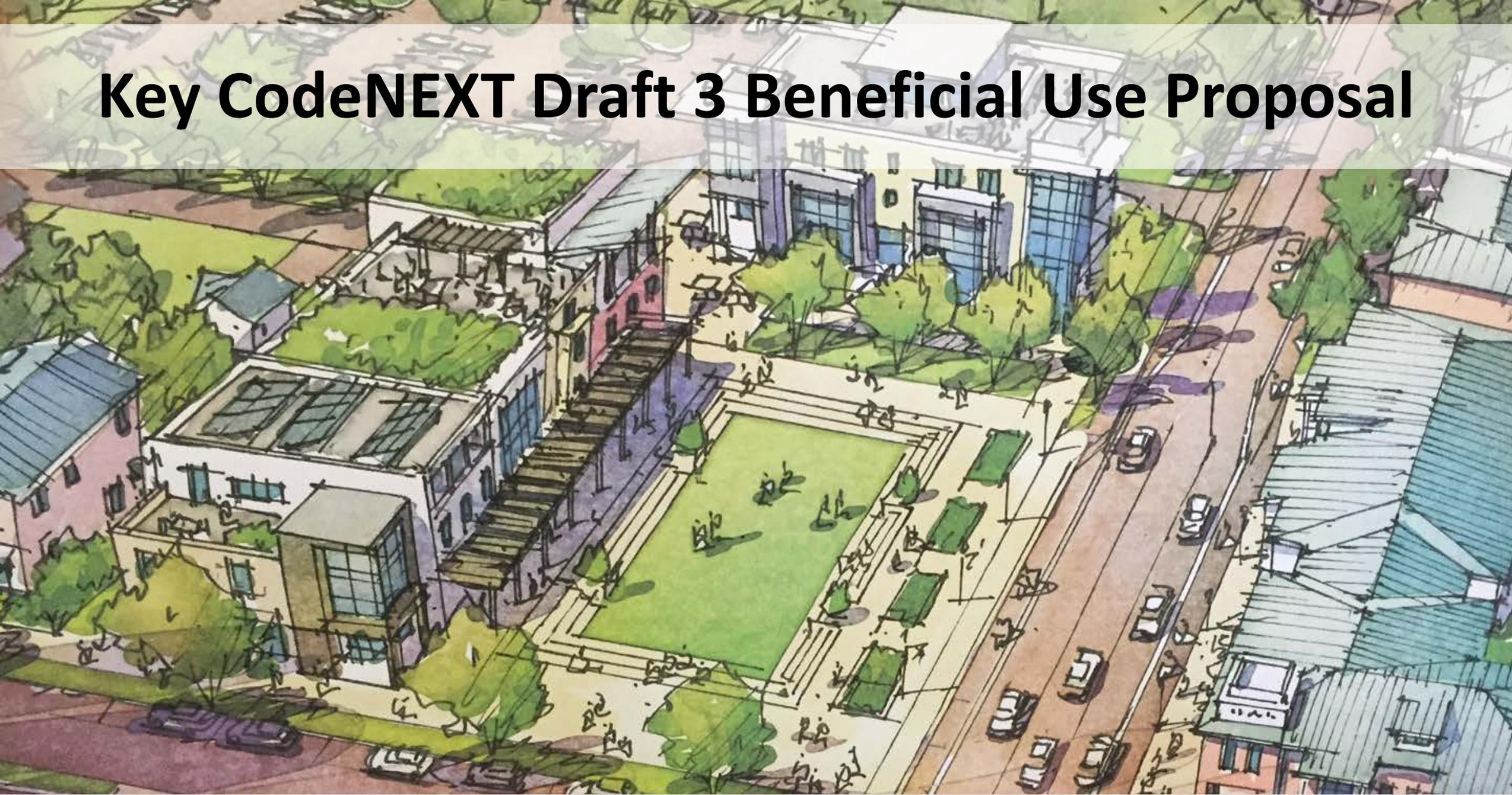


Key CodeNEXT Draft 3 Beneficial Use Proposal



23-3D-6030 Water Quality Controls and Beneficial Use Standards: Draft 1 & 2

“A portion of the required capture volume for water quality must be retained and beneficially used on-site through practices that infiltrate, evapotranspire, or harvest and use rainwater.

- The amount of rainfall that must be retained is based on the impervious cover and associated runoff coefficient for the **95th percentile rainfall event***, as prescribed in the Environmental Criteria Manual.

Impervious Cover (percent)	Runoff Captured		Percent of Water Quality Volume
	Treat (inches)	Retain On-Site* (inches)	
10%	0.5	0.13	26%
20%	0.5	0.26	52%
30%	0.6	0.38	64%
40%	0.7	0.51	73%
50%	0.8	0.64	80%
60%	0.9	0.77	86%
70%	1.0	0.90	90%
80%	1.1	1.03	93%
90%	1.2	1.15	96%
100%	1.3	1.28	99%

*95th percentile = 95 percent of all rainfall events are 1.79 inches or less

Proposed New Code for Draft 3

For all site plans/subdivisions with more than 8,000 square feet impervious cover:

- Capture and treat the half-inch-plus water quality capture volume
 - Rainwater harvesting may have a longer drawdown for up to 25% of the water quality volume if a water balance demonstrates on-site use of the water in 28 days or fewer (not allowed in the Barton Springs Zone)
 - May have a longer drawdown for the entire water quality volume if the control is upsized accordingly
 - Rainwater system must connect to irrigation and/or interior building use

Proposed New Code for Draft 3, continued

- Must use green stormwater control measures for entire water quality volume, except for:
- Conventional water quality controls allowed under certain conditions
 - Hot-spot land uses (e.g., automotive repair)
 - Regional ponds with > 10 acres of untreated, off-site development
 - Sites with > 80% impervious cover if rainwater harvesting system is provided to irrigate landscape elements (including Functional Green areas) for at least 28 days
 - Administrative variance for unique site conditions (e.g., heritage trees, CEFs, grade challenges)

Contact Information

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