Are underlying soils suitable for infiltration?  

NO

Use infiltration BMPs to "return water into the ground where soils are suitable"

NO

Is first 1" of rainfall from entire site infiltrated into the ground?

YES

Is first 1" of rainfall "reused" or "retained on site" by rain harvesting and infiltration?

NO

YES

Capture all or part of roof rainfall and determine how to reuse it. Year round permanent uses are needed for stormwater credit. Include calculations to demonstrate drawdown of the cistern between storm events.

NO

YES

Where infiltration and reuse are limited or not possible, runoff reduction BMPs can store runoff and help retain the first 1" of rainfall. Design BMPs to capture roof and/or site runoff using permeable pavement, bioretention, green roof, stormwater planters, or other practices contained in the PFM or DCR Design Specifications. BMPs can be used in series to improve runoff reduction.

NO

YES

Where infiltration, rainwater harvesting and runoff reduction BMPs still have not captured and treated the entire site’s runoff from the first 1" rainfall, then other innovative BMPs should be considered

NO

YES

Offsite or shared BMPs proposed?

NO

YES

Offsite or shared BMPs proposed?

NO

YES

Redesign

Are "all available measures" to meet the 1" goal used "to the extent practicable"?

NO

YES

At a minimum, the first inch of rainfall has been retained on-site through infiltration, evapotranspiration and/or reuse, and where demonstrated to not be fully achievable, all available measures have been implemented to the extent possible in order to support this goal and achieve partial retention of the first inch of rainfall.