LEED

The Leadership in Energy and Environmental Design

Water Efficiency

Section 3.1 & 3.2 Water Use Reduction

Objective:

Maximize water supply efficiency within buildings to reduce the burden on municipal water supply and waste water system by 20% - 30%

The Solutions:

- Zonecheck® Flow-switch Tester minimizes water demands during fire sprinkler system by reducing water within pipe around the flow-switch to simulate the flow of one sprinkler operating. No water is expelled from the system, saving a minimum of **100 gallons** of water per test (e.g. A 30 storey building could save up to **30,000 gallons** of water each year).
- Zonecheck® suite designs optimized water requirements and eliminates water testing during system installation.
- Simply retro-fitted to existing flow-switches without draining the system. Saving large quantities of water for refurbished projects.
- Zonecheck® greatly reduces the friction loss of water flows in the sprinkler system design, resulting in reduced overall water flow requirements.

Discharging water is increasingly becoming more onerous with metering costs, environmental collection and recycling mandate procedures being adopted globally as the political momentum for greener buildings gathers pace.

zonecheck®

THE AUTOMATIC FLOW SWITCH TEST SYSTEM

Credit 1 Innovation in Design	(possible points = 1)
Water Efficiency	
Credit 3.1 Water Reduction 20%	(possible points = 1)
Credit 3.2 Water Reduction 30%	(possible points = 1)

FM APPROVED

UL c UL

tel: 763.391.0990
fax: 763.391.7668
email: info@gviflow.com
web: www.gviflow.com

GLOBAL VISION INC.