Regeneration-Based Checklist for Carbon-Neutral, Zero Net Energy Design and Construction

Project:

	degeneration				sustainability			regeneration		
	-100 always	-75 usually	-50 sometimes	-25 a bit	0 balances	25 a bit	50 sometimes	75 usually	100 always	
planet										
consumes energy disproportionately										consumes energy equitably
serves few										serves many
differentiates man-made and natural										conflates man-made and natural
imports all its energy										exports energy from site
emits carbon										sequesters carbon
site										
pollutes air										cleans air
pollutes water										cleans water
wastes rainwater										harvests rainwater
is built on a greenfield										is built on a brownfield
consumes food										produces food
destroys rich soil										creates rich soil
dumps wastes unused										uses wastes as resources
destroys wildlife habitat										provides wildlife habitat
lacks site integration										is integral to the site
decreases density										increases density
promotes fuel-powered transportation										promotes pedestrian and transit access
creates uncomfortable micro-climates										creates comfortable micro-climates
building										
ignores building size issues										optimizes building size
excludes natural light										uses natural light effectively
uses only mechanical cooling										uses passive cooling effectively
uses only mechanical heating										uses passive heating effectively
is unconcerned with performance										monitors and improves performance
discourages user control of systems										encourages user control of systems
produces human discomfort										enhances human comfort
uses inefficient equipment										uses highly efficient equipment
uses non-renewable fuel-powered circulation										uses benignly powered circulation
pollutes indoor air										enhances indoor air quality
needs cleaning and repair										maintains itself
uses high-carbon materials										uses carbon-sequestering materials
is designed for demolition										is designed for disassembly
uses materials wastefully										uses materials carefully
cannot be recycled or reused										can be recycled or reused
culture										
serves as an icon for the apocalypse										serves as an icon for regeneration
discourages community interaction										encourages community interaction
is socially and ecologically exclusive										is socially and ecologically inclusive
is a bad neighbor										is a good neighbor
is crassly ugly										is sublimely beautiful

negative score	positive score
3700 possible	3700 possible

final score: