

Sustainable Building Practices You Can Use

GREEN CHECKLIST

DESIGN PHASE				
✓	Activity	Economic Benefit	Sustainable Benefit	Environmental Benefit
	Design building with high-mass ICF walls	<ul style="list-style-type: none"> • Lower energy costs • Higher occupant satisfaction • Higher resale value 	<ul style="list-style-type: none"> • High energy efficiency • Higher durability • Superior indoor air quality 	<ul style="list-style-type: none"> • Reduced carbon footprint • Superior occupant health
	Specify Quad-Lock R-32	<ul style="list-style-type: none"> • Lower energy costs 	<ul style="list-style-type: none"> • Shift thermal center for better use of thermal mass • Better energy efficiency 	<ul style="list-style-type: none"> • Reduced carbon footprint
	Specify Quad-Deck floors and radiant heat	<ul style="list-style-type: none"> • Lower energy costs • Higher occupant satisfaction 	<ul style="list-style-type: none"> • Improved heat distribution and conservation 	<ul style="list-style-type: none"> • Reduced carbon footprint
	Downsize heating/cooling equipment to match building performance	<ul style="list-style-type: none"> • Less up-front cost for HVAC • Less ongoing operating costs 	<ul style="list-style-type: none"> • Smaller appetite for energy • Longer cycle times 	<ul style="list-style-type: none"> • Reduced carbon footprint
	Specify Quad-Deck roof structure to support green roof	<ul style="list-style-type: none"> • Increase service life of roof membrane materials • Lower energy costs • Smaller impact fees 	<ul style="list-style-type: none"> • Reduce storm water runoff by 65 to 95% • Enhance thermal performance • Eliminate urban “heat island” 	<ul style="list-style-type: none"> • Reduced material and energy consumption • Less contribution to wastewater system • Smaller carbon footprint • Less noise
	Design in reinforced concrete lintels vs. wood/steel	<ul style="list-style-type: none"> • Lower site insurance • Lower material and installation costs 	<ul style="list-style-type: none"> • Reduce wood consumption 	<ul style="list-style-type: none"> • Reduce carbon footprint
	Design building envelope with single-use, insulating forms made from EPS	<ul style="list-style-type: none"> • Lower material and labor costs 	<ul style="list-style-type: none"> • Reduce wood consumption 	<ul style="list-style-type: none"> • Eliminate use of polluting form release agents
	Design building with high-mass ICF walls, floors and roof as sound attenuation measure	<ul style="list-style-type: none"> • Higher occupant satisfaction 	<ul style="list-style-type: none"> • Durability 	<ul style="list-style-type: none"> • Reduced impact of ambient environmental noise levels
	Separate units with high-mass ICF demising walls	<ul style="list-style-type: none"> • Higher occupant satisfaction • Lower installation costs • Higher level of occupant safety 	<ul style="list-style-type: none"> • Longer building service life 	<ul style="list-style-type: none"> • Reduced carbon footprint

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JOBSITE PHASE				
✓	Activity	Economic Benefit	Sustainable Benefit	Environmental Benefit
	Use all panel pieces 12" and larger in wall construction	<ul style="list-style-type: none"> • Most efficient use of materials 	<ul style="list-style-type: none"> • Less jobsite waste 	<ul style="list-style-type: none"> • Reduced landfill contribution
	Use all scrap foam for under-slab and waterline insulation	<ul style="list-style-type: none"> • Most efficient use of materials 	<ul style="list-style-type: none"> • Less jobsite waste 	<ul style="list-style-type: none"> • Reduced landfill contribution
	Re-use/Recycle Quad-Lock bags	<ul style="list-style-type: none"> • Most efficient use of materials 	<ul style="list-style-type: none"> • Less jobsite waste 	<ul style="list-style-type: none"> • Reduced landfill contribution
	Re-use wood bracing for interior framing and blocking	<ul style="list-style-type: none"> • Most efficient use of materials 	<ul style="list-style-type: none"> • Less jobsite waste 	<ul style="list-style-type: none"> • Reduced landfill contribution
	Form door/window bucks with scrap foam and window brackets	<ul style="list-style-type: none"> • Most efficient use of materials 	<ul style="list-style-type: none"> • Less jobsite waste • Eliminates thermal break 	<ul style="list-style-type: none"> • Lower impact on forests
	Use Fast-Foot form fabric for footings	<ul style="list-style-type: none"> • Lower material and labor costs 	<ul style="list-style-type: none"> • Reduce lumber consumption • Eliminate wicking of water in footings 	<ul style="list-style-type: none"> • Lower impact on forests
	Order high Fly Ash / Slag concrete mix	<ul style="list-style-type: none"> • Less energy used in manufacturing process 	<ul style="list-style-type: none"> • Use recycled building materials; local materials 	<ul style="list-style-type: none"> • Lower impact on forests and other material sources
	Brace walls with re-usable Panel Jacks	<ul style="list-style-type: none"> • Lower labor and material costs 	<ul style="list-style-type: none"> • Reduce lumber consumption 	<ul style="list-style-type: none"> • Lower impact on forests
	Separate units with high-mass ICF demising walls	<ul style="list-style-type: none"> • Higher occupant satisfaction • Lower installation costs • Higher level of occupant safety 	<ul style="list-style-type: none"> • Longer building service life 	<ul style="list-style-type: none"> • Reduced carbon footprint

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Head Office: 7398-132nd St., Surrey, BC Canada V3W 4M7
Tel: 604.590.3111 or 888.711.5625 Fax: 604.590.8412

Web: www.quadlock.com
Email: info@quadlock.com

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Certified Company

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