

HOMEOWNER (or Owner) PRIORITIES as input to PROJECT SCOPE

DATE

PROJECT NAME

Rank the following items 1= not a factor & 5 extremely important

1	2	3	4	5	
					Reduce energy use
					Reduce household carbon footprint
					Reduce use of finite resources
					Reduce water/waste water use
					Reduce peak electrical use
					Increase physical comfort (Elaborate: Too Hot, Too Cold, Too Dry, Too Humid?)
					Improve indoor air quality (Elaborate)
					Upgrade building systems/façade: replace roof
					Upgrade building systems/façade: replace siding
					Upgrade building systems/façade: replace windows
					Upgrade building systems/façade: retrofit windows
					Remodel bathroom or kitchen
					Upgrade building systems: basement conversion
					Prevent future ice dams
					Improve property market value & salability
					Address problem: durability
					Address structural problem
					Address maintenance issue
					Address problem: critters, insects, pests
					Address moisture problem
					Address noise
					Address lead paint risk
					Address problem: irritants & allergens (indoor or outdoor)
					Address problem: soil gas, radon
					Address problem: combustion safety
					Change living space - (i.e., addition, comfort zone, granny flat, rental)
					Increase resilience: drought
					Increase resilience: extended power outage
					Increase resilience: wintertime wood smoke (exterior pollution)
					Increase resilience: earthquake
					Increase resilience: severe rain, flooding
					Increase resilience: wildfire (either fire risk or smoke)
					Increased adaptability: energy price increases
					Increased adaptability: economic uncertainty
					Support local economy & economic development
					Contribute to community carbon reduction demonstration
					Invest my resources in long-term solution
					Enhance neighborhood preservation
					Serve as an example for others
					Contribute to knowledge re energy carbon reductions
					Demonstrate emerging technology and systems
					Demonstrate impact of lifestyle and behavior
					Demonstrate potential for increased community resilience
					Develop skills to enhance professional career
					Go further than most think possible
					Other

Do You Have a Plan to Address these Health, Safety, and Durability Issues?

Category	Applicable	<i>DIRECTIONS: Complete Column B (Applicable) with "Yes," "No", "HP" (high priority), or "TBD" (to be determined)</i>	Reference ¹ <i>(Page#)</i>	<i>Address how issue will be addressed</i>	<i>Date Done</i>	<i>Verifiable (yes, no)</i>
Combustion Safety		Combustion products from vented furnace or water heater spilling due to inadequate draft or house depressurization	Pg.18			
Combustion Safety		Combustion products & cooking byproducts (particulates/NOX/CO/water vapor) from gas range/cook stove/electric stove in living space	Pg. 21 & 6			
Combustion Safety		Combustion products from fireplace or woodstove due to house depressurization	Pg.16 & 6			
Indoor Env Quality		Inadequate source control (exhaust) of moisture & odors	Pg. 21			
Indoor Env Quality		Inadequate indoor-outdoor air exchange, dilution of contaminants	Pg. 22			
Indoor Env Quality		Inadequate distribution of indoor & fresh air	Pg. 17 & 22			
Indoor Env Quality		VOCs from building materials, interior finishes	Pg. 4			
Indoor Env Quality		VOCs &/or SVOCs from consumer products	Pg. 4			
Indoor Env Quality		Unit-to-unit cross contamination of indoor air pollutants (tobacco smoke, cooking odors, etc.) (Attached dwelling)	Pg. 7			
Indoor Env Quality		Contaminants from attached garage entering living spaces	Pg. 8			
Indoor Env Quality		Air pollutants from outside source (traffic, wood smoke, wildfires, power plants, industrial)				
Indoor Env Quality		Radon &/or other soil gases entering living spaces	Pg. 3 & 12			
Indoor Env Quality		Lead health risk from paint	Pg. 9			
Indoor Env Quality		Lead health risk from outdoor contamination (indoor dust)	Pg. 9			
Indoor Env Quality		Exposure to asbestos (from zonolite loose-fill insulation, HVAC system, popcorn ceilings, etc.)	Pg. 1			
Code Issue		Hazard due to unsafe or inadequate electrical system	Pg. 23			
Code Issue		Structural problem due to rot, subsidence, or substandard construction	Pg. 23?			
Durability		Bulk water entry from inadequate roof & flashing	Pg. 9			
Durability		Deterioration of insulation & air sealing due to pests	Pg. 11			
Durability		Wintertime condensation on cold surfaces	Pg. 9			
Durability		Summertime condensation on cold surfaces	Pg. 9			
Durability		Condensation that could support mold growth (or growth of other biologicals/allergens)	Pg. 9			
Durability		Hidden condensation in building cavities that could support mold growth or deterioration	Pg. 9			
Durability		Trapped water/moisture/loss of durability due to bulk water event (interior, i.e., plumbing leak or spill)	Pg. 9			
Durability		Trapped water/moisture due to bulk water event (exterior, i.e., rain, flood, sprinkler)	Pg. 9			
Durability		Excessive moisture in basement or crawl space	Pg. 9			
Durability		Basement or crawl space flooding (from storm or inadequate drainage)	Pg. 9			
Worker Safety		Worker & occupant risk during renovations	Pg. 24 & 32			
Client Education		Communication to the occupants re how to maintain a healthy home	Pg. 38			

Rev: 04-04-16; <http://thousandhomechallenge.com/resources>

2. Reference from US EPA "Healthy Indoor Environmental Protocols for Home Energy Upgrades;

Source : www.epa.gov/iaq/homes/retrofits.html