

















DSC	How a 100 year old house is renewed to last an additional 100 years cost \$100/sq. ft.				
	Building Enclosure		BEFORE	CONDITIONED SQ. FT. = 2,000	
	Air Leakage Wall Insulation Attic Insulation Windows Building Enclosure AFTE		10 sq. in. of leakage area per 100 sq. ft. of surface area Little to none R-19 Single pane glass with storm window		
		AFTER		CONDITIONED SQ. FT. = 3,600	
	Conditioned Attic		R-39 High Density Spray Foam on sheathing		
				R-21 roof deck insulation – Total Roof R-60	
	Walls			R-13 cellulose blown into existing 2x4 walls	
	Wall Sheathing			4" Polyiso R-28 sheathing – Total Wall R-41	
	Basement Floor			Under-slab 2" XPS, R-10	-
	Basement Walls			4" R-28 HD SPF on perimeter walls	
	Windows			Andersen Woodwright Replacement Windows	
				Weighted Average U=~0.33, SHGC=~0.33	
	Infiltration			2.0 sq in leakage area per 100 sf of envelope	
006 Building te Corporation					10























































