



Design Evaluation Summary Explanation

This document will explain the layout, details and acronyms of the Design Evaluation Summary.

	Bldg Code		As		EG80		EG83
	Base		Speci- fied		Upgrade		Upgrade
Ceilings (Flat)	R-40						
Ceilings (Sloped)	R-32						
Ext. Frame Walls	R-24						

Bldg Code Base— This is a general comparison of the building designed to minimum construction standards.

As Specified— Is the evaluation that rates the building using equipment and insulation values listed on the home enrolment application.

EGNH80 & EGNH83— “EnerGuide for New Houses “ upgrade designs. These show upgrades in red that represent what R-values and equipment types would be required to meet specific EnerGuide ratings. Blank spaces in the chart represent no change from the previous column.

Windows— DBL/Clear/Air/Metal, this breaks down the number of panes of glass, what type of coating is on the glazing, what fills the space between the glazing and what type of material connects the glazing at the edge. Low E is a coating that emits radiant energy. Argon is a gas fill between the glazing that increases window R-value. Metal or Ins— This refers to the spacer between glazing being metal or of a material with insulating properties.

H.R.V.— Heat Recovery Ventilator— Mechanical ventilation for the home that pre-heats supply air with exhaust air going out.

AC/H— This is the air change rate per hour. That is how many times per hour all air in the home is replaced due to air leakage at a design condition. This is tested at the time of the final inspection when the air test is done on the

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