

Building Owner: _____

Builder Name _____

Site Address: _____

Township _____

Permit # _____

General Building Description: _____

Phone _____ Date _____

MUEC (2003) PRESCRIPTIVE COMPLIANCE APPROACH WORK SHEET-ZONE 2

Rule	MINIMUM BUILDING ENVELOPE INSULATION CRITERIA	YES	NO
1074	WALL INSULATION R-21		
1076	ROOF/CEILING INSULATION R-49		
	SKYLIGHTS EQUAL TO 10% OR LESS ROOF CEILING AREA		
	R-VALUE OF SKYLIGHTS EQUAL TO SIDE WALL FENESTRATION R-VALUE		
1075	PERCENT OF FENESTRATION * (WINDOWS, DOORS, ETC) FENESTRATION R-VALUE		
(1)	15% OR LESS OF GROSS WALL AREA * RULE 1071 (?) R-1.9		
(2)	OVER 15% R-2.85		
(3)	GREATER THAN 20% (REQUIRES TRADE-OFF OPTION) * <i>select one or more options</i>		
	<input type="checkbox"/> a) HIGH-ENERGY HVAC: 90% + WARM AIR FURNACE		
	12 + SEER AIR CONDITIONING		
	83% + HOT WATER BOILER		
	3.0 + COP GS HEAT PUMP SYSTEM		
	<input type="checkbox"/> b) HIGH-EFFICIENCY WINDOWS, DOORS: R-3.5		
	<input type="checkbox"/> c) WALL INSULATION: R-19		
	<input type="checkbox"/> d) BASEMENT INSULATOIN *: R-19		
	<input type="checkbox"/> e) AIR LEAKAGE CONTROLS *: (MAX.050ACH) <input type="checkbox"/> DOCUMENTATION <input type="checkbox"/> BLOWER DOOR		
	FOUNDATION INSULATION		
1077	FLOORS OVER UNCONDITIONED SPACES R-21		
1078	SLAB – ON – GRADE FLOORS * UNHEATED R-5		
	HEATED R-13-4FT		
1079	CRAWLSPACE WALLS * (SUPPORTING UN-INSULATED FLOORS) R-20		
1080	BASEMENT WALLS – CONTINUOUS INSULATION R-10		
1081	BASEMENT - CAVITY INSULATION R-11		

BUILDER SIGNATURE _____

LICENSE NUMBER _____

*** CLARIFICATIONS:**

- 1) Fenestration Area: _____ sq.ft. = _____ X 100 = _____ % Fenestration Area
Gross Wall Area _____ sq.ft.
- 2) Gross Wall Area: Insulated wall area, including windows, doors, and opaque walls.
- 3) Basement Insulation: Interior or exterior application extending from top of wall to floor.
- 4) Air Leakage: Recessed lights to be "air tight" and labeled indicating compliance with State of Michigan restricted air flow requirements.
- 5) Slab Insulation: Shall extend downward from the top of the slab for a minimum of 24 inches or downward to at least the bottom of the slab and then horizontally for a total of 24 inches.
- 6) Crawl Space Wall Insulation: Shall extend vertically from the top of the foundation wall and also extend at least 24 inches below grade, or a combined vertical and horizontal distance of 24 inches.
- 7) Exposed Basement Walls: Un-insulated exposed walls must be less than 7% of "Gross Wall Area."

ELECTING A TRADE OFF DOES NOT EXEMPT CONFORMANCE WITH OTHER REQUIREMENTS OF THE PRESCRIPTIVE APPROACH OF AIR LEAKAGE CONTROL REQUIREMENTS.