



BUILDER OPTION POINTS (BOP)	FOCUSED AREAS					
	DWHR		Air Tightness		Triples	
	ENERGY STAR® Version Ontario 17		ENERGY STAR® Version Ontario 17		ENERGY STAR® Version Ontario 17	
Component	Prescriptive Path	BOP	Prescriptive Path	BOP	Prescriptive Path	BOP
Ceiling with Attic Space	R60	Core	R60	Core	R60	Core
Ceiling without Attic Space	R31	Core	R31	Core	R31	Core
Exposed Floor	R31	Core	R31	Core	R31	Core
Walls Above Grade	R22+R5 -16"oc (eff 21.5)	0.7	R22+R5 -16"oc (eff 21.5)	0.7	R22+R5 -16"oc (eff 21.5)	0.7
Basement Walls	R20 blanket (eff. 21.4) Framed R5ci + 2x6@16" R20 (eff. 21.6) (minimum effective 21.1)	Core	R20 blanket (eff. 21.4) Framed R5ci + 2x6@16" R20 (eff. 21.6) (minimum effective 21.1)	Core	R20 blanket (eff. 21.4) Framed R5ci + 2x6@16" R20 (eff. 21.6) (minimum effective 21.1)	Core
Below Grade Slab Entire surface > 600mm below grade	R10 (if applicable)	obc	R10 (if applicable)	obc	R10 (if applicable)	obc
Edge of Below Grade Slab ≤ 600mm Below Grade	R10 (if applicable)	obc	R10 (if applicable)	obc	R10 (if applicable)	obc
Heated Slab or Slab ≤ 600mm below grade	R10 (if applicable)	obc	R10 (if applicable)	obc	R10 (if applicable)	obc
Windows / Skylights and Sliding Glass Doors	1.4 ZONE 2	Core	1.4 ZONE 2	Core	Zone 3 UV1.2 (Triple Pane)	0.5
Space Heating Equipment - AFUE	96% ecm	Core	96% ecm	Core	96% ecm	Core
HRV - Sensible Recovery Efficiency (SRE)	65% SRE HRV/ERV	Core	75% SRE HRV/ERV	0.2	75% SRE HRV/ERV	0.2
Domestic Hot Water Heater Energy Efficiency (EF) Thermal Efficiency (TE)	0.90 condensing tankless	0.3	Condensing Tank 0.80 EF (eg. Rheem CNRHE40)	0.2	TE 90% tank (eg. Enviroseence)	0.1
Drainwater Heat Recovery	42% DWHR serving two showers	0.9	N/A		30% DWHR serving one shower	0.4
Air Leakage ACH (air changes per hour) / NLR (normalized leakage rate)	Level 1 Detached 2.5 ACH/0.18 NLR Attached 3.0 ACH/0.26 NLR	Core	Level 4 Detached 1.0 ACH/0.07 NLR Attached 1.5 ACH/0.11 NLR	0.7	Level 1 Detached 2.5 ACH/0.18 NLR Attached 3.0 ACH/0.26 NLR	Core
Fireplace (if installing)	spark ignition	Core	spark ignition	Core	spark ignition	Core
Air Conditioner (if installing)	as per OBC 13 Seer	Core	as per OBC 13 Seer	Core	as per OBC 13 Seer	Core
Electrical Credits (KWH)	Energy Star HRV (>= 1.2 cfm/W)	110	Energy Star HRV (>= 1.2 cfm/W)	110	Energy Star HRV (>= 1.2 cfm/W)	110
Electrical Credits (KWH)	75% CFL/LED	295	75% CFL/LED	295	75% CFL/LED	295
Required Electrical Credits 400kwh (550 kwh for 0.1 points)		405		405		405
Target 1.9 Builder Option Points (BOP)		1.9		1.8		1.9



BUILDER OPTION POINTS (BOP)	FOCUSED AREAS							
	Insulation		SLAB ON GRADE		COMBO HEATING/SOG/DWHR		COMBO HEATING/SOG	
	ENERGY STAR® Version Ontario 17		ENERGY STAR® Version Ontario 17		ENERGY STAR® Version Ontario 17		ENERGY STAR® Version Ontario 17	
Component	Prescriptive Path	BOP	Prescriptive Path	BOP	Prescriptive Path	BOP	Prescriptive Path	BOP
Ceiling with Attic Space	R70	0.1	R60	Core	R70	0.1	R70	0.1
Ceiling without Attic Space	R31	Core	R31	Core	R31	Core	R31	Core
Exposed Floor	R31	Core	R31	Core	R31	Core	R31	Core
Walls Above Grade	R10 xps + R19 (eff 25.3)	1.2	R22+R5 -16"oc (eff 21.5)	0.7	R22+R5 -16"oc (eff 21.5)	0.7	R22+R5 -16"oc (eff 21.5)	0.7
Basement Walls	R7.5ci + 2x6@16" R22	0.1	N/A	Core	N/A	Core	N/A	Core
Below Grade Slab Entire surface > 600mm below grade	R10 full	0.2	R10 full	obc	R10 full	obc	R10 full	obc
Edge of Below Grade Slab ≤ 600mm Below Grade	R10 full		R10 full	obc	R10 full	obc	R10 full	obc
Heated Slab or Slab ≤ 600mm below grade	R10 full		R10 full	obc	R10 full	obc	R10 full	obc
Windows / Skylights and Sliding Glass Doors	1.4 ZONE 2	Core	1.4 ZONE 2	Core	1.4 ZONE 2	Core	1.4 ZONE 2	Core
Space Heating Equipment - AFUE	96% ecm	Core	96% ecm	Core	96% ecm	Core	96% ecm	Core
HRV - Sensible Recovery Efficiency (SRE)	65% SRE HRV/ERV	Core	65% SRE HRV/ERV	Core	75% SRE HRV/ERV	0.2	75% SRE HRV/ERV	0.2
Domestic Hot Water Heater Energy Efficiency (EF) Thermal Efficiency (TE)	0.90 condensing tankless	0.3	0.90 condensing tankless	0.3	P911 TESTED COMBO EQUIPMENT TPF 0.86	Core	P911 TESTED COMBO EQUIPMENT TPF 0.95	0.9
Drainwater Heat Recovery	N/A		42% DWHR serving two showers	0.9	42% DWHR serving two showers	0.9	N/A	
Air Leakage ACH (air changes per hour) / NLR (normalized leakage rate)	Level 1 Detached 2.5 ACH/0.18 NLR Attached 3.0 ACH/0.26 NLR	Core	Level 1 Detached 2.5 ACH/0.18 NLR Attached 3.0 ACH/0.26 NLR	Core	Level 1 Detached 2.5 ACH/0.18 NLR Attached 3.0 ACH/0.26 NLR	Core	Level 1 Detached 2.5 ACH/0.18 NLR Attached 3.0 ACH/0.26 NLR	Core
Fireplace (if installing)	spark ignition	Core	spark ignition	Core	spark ignition	Core	spark ignition	Core
Air Conditioner (if installing)	as per OBC 13 Seer	Core	as per OBC 13 Seer	Core	as per OBC 13 Seer	Core	as per OBC 13 Seer	Core
Electrical Credits (KWH)	Energy Star HRV (>= 1.2 cfm/W)	110	Energy Star HRV (>= 1.2 cfm/W)	110	Energy Star HRV (>= 1.2 cfm/W)	110	Energy Star HRV (>= 1.0cfm/W)	140
Electrical Credits (KWH)	75% CFL/LED	295	75% CFL/LED	295	75% CFL/LED	295	100% CFL/LED	420
Required Electrical Credits 400kwh (550 kwh for 0.1 points)		405		405		405		560
Target 1.9 Builder Option Points (BOP)		1.9		1.9		1.9		2