ELEMENTICF®
LOGIX BRANDS

THE WEST COAST 500

ESTIMATED ANNUAL ENERGY CONSUMPTION

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	5549
		Secondary Space Heating (MJ)	455
		Primary DHW Heating (MJ)	17,505
		HRV or ERV and Fans (MJ)	2439
		Air Conditioner (MJ)	1125
		TOTAL ENERGY CONSUMPTION (GJ)	**52.7**
		ESTIMATED ANNUAL ENERGY COST	**$1,127**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	14,638
		Ceiling Without Attic Space	Effective R28.5
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
	DHW	Water Heater	0.84 EF (electric)

NOTES

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2. o.c. = on-centre.
3. Modelling is based on C1 prescriptive package from SB-12 in the 2012 Ontario Building Code.
4. Modelling was completed utilizing HOT2000 v11.9.
5. Imperial U-values and R-values have been noted in this table.
6. Estimated operating cost is based on an average of the Ontario off-peak, mid-peak, and on-peak electricity rates.
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ELEMENTICF®
LOGIX BRANDS

THE WEST COAST 750

ESTIMATED ANNUAL ENERGY CONSUMPTION

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	5977
		Secondary Space Heating (MJ)	3173
		Primary DHW Heating (MJ)	17,499
		HRV or ERV and Fans (MJ)	3501
		Air Conditioner (MJ)	2000
		TOTAL ENERGY CONSUMPTION (GJ)	**57.8**
		ESTIMATED ANNUAL ENERGY COST	**$1,236**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	16,048
		Ceiling Without Attic Space	Effective R28.5
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
	DHW	Water Heater	0.84 EF (electric)

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ELEMENTICF®
LOGIX BRANDS

THE WEST COAST 950

ESTIMATED ANNUAL ENERGY CONSUMPTION

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	17,222
		Secondary Space Heating (MJ)	3979
		Primary DHW Heating (MJ)	17,505
		HRV or ERV and Fans (MJ)	4222
		Air Conditioner (MJ)	983
		TOTAL ENERGY CONSUMPTION (GJ)	**69.5**
		ESTIMATED ANNUAL ENERGY COST	**$1,487**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	19,315
		Ceiling Without Attic Space	Effective R28.5
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
	DHW	Water Heater	0.84 EF (electric)

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ELEMENTICF®
LOGIX BRANDS

THE WEST COAST 1100

ESTIMATED ANNUAL ENERGY CONSUMPTION

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	33,322
		Secondary Space Heating (MJ)	4507
		Primary DHW Heating (MJ)	17,499
		HRV or ERV and Fans (MJ)	4882
		Air Conditioner (MJ)	612
		TOTAL ENERGY CONSUMPTION (GJ)	**86.4**
		ESTIMATED ANNUAL ENERGY COST	**$1,849**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	24012
		Ceiling Without Attic Space	Effective R28.5
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
		Water Heater	0.84 EF (electric)

NOTES

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4. Modelling was completed utilizing HOT2000 v11.9.
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ELEMENTICF®
LOGIX BRANDS

THE WEST COAST 1250

ESTIMATED ANNUAL ENERGY CONSUMPTION

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	21,268
		Secondary Space Heating (MJ)	5365
		Primary DHW Heating (MJ)	17,505
		HRV or ERV and Fans (MJ)	4994
		Air Conditioner (MJ)	1262
		TOTAL ENERGY CONSUMPTION (GJ)	**76.0**
		ESTIMATED ANNUAL ENERGY COST	**$1,626**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	21,116
		Ceiling Without Attic Space	Effective R28.5
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
	DHW	Water Heater	0.84 EF (electric)

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4. Modelling was completed utilizing HOT2000 v11.9.
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ELEMENTICF®
LOGIX BRANDS

THE HEARTLAND 500

ESTIMATED ANNUAL ENERGY CONSUMPTION

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	8331
		Secondary Space Heating (MJ)	2541
		Primary DHW Heating (MJ)	17,505
		HRV or ERV and Fans (MJ)	3415
		Air Conditioner (MJ)	937
		TOTAL ENERGY CONSUMPTION (GJ)	**58.4**
		ESTIMATED ANNUAL ENERGY COST	**$1,248**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	16,209
		Ceiling Below Attic	Effective R59.22
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
	DHW	Water Heater	0.84 EF (electric)

NOTES

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4. Modelling was completed utilizing HOT2000 v11.9.
5. Imperial U-values and R-values have been noted in this table.
6. Estimated operating cost is based on an average of the Ontario off-peak, mid-peak, and on-peak electricity rates.
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ELEMENTICF®
LOGIX BRANDS

THE HEARTLAND 750

ESTIMATED ANNUAL ENERGY CONSUMPTION

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	7141
		Secondary Space Heating (MJ)	4195
		Primary DHW Heating (MJ)	17,499
		HRV or ERV and Fans (MJ)	3696
		Air Conditioner (MJ)	1618
		TOTAL ENERGY CONSUMPTION (GJ)	**59.8**
		ESTIMATED ANNUAL ENERGY COST	**$1,278**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	16,603
		Ceiling Below Attic	Effective R59.22
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
	DHW	Water Heater	0.84 EF (electric)

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4. Modelling was completed utilizing HOT2000 v11.9.
5. Imperial U-values and R-values have been noted in this table.
6. Estimated operating cost is based on an average of the Ontario off-peak, mid-peak, and on-peak electricity rates.
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ELEMENTICF®
LOGIX BRANDS

THE HEARTLAND 950

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	16,102
		Secondary Space Heating (MJ)	5078
		Primary DHW Heating (MJ)	17,505
		HRV or ERV and Fans (MJ)	4964
		Air Conditioner (MJ)	1522
		TOTAL ENERGY CONSUMPTION (GJ)	**70.8**
		ESTIMATED ANNUAL ENERGY COST	**$1,514**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	19,665
		Ceiling Below Attic	Effective R59.22
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
	DHW	Water Heater	0.84 EF (electric)

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ELEMENTICF®
LOGIX BRANDS

THE HEARTLAND 1150

ESTIMATED ANNUAL ENERGY CONSUMPTION

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	21,706
		Secondary Space Heating (MJ)	4583
		Primary DHW Heating (MJ)	17,505
		HRV or ERV and Fans (MJ)	4006
		Air Conditioner (MJ)	997
		TOTAL ENERGY CONSUMPTION (GJ)	**74.4**
		ESTIMATED ANNUAL ENERGY COST	**$1,592**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	20,672
		Ceiling Below Attic	Effective R59.22
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
	DHW	Water Heater	0.84 EF (electric)

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ELEMENTICF®
LOGIX BRANDS

THE HEARTLAND 1250

ESTIMATED ANNUAL ENERGY CONSUMPTION

MODELLING RESULTS	ESTIMATED ANNUAL ENERGY CONSUMPTION	Primary Space Heating (MJ)	27,490
		Secondary Space Heating (MJ)	5484
		Primary DHW Heating (MJ)	17,505
		HRV or ERV and Fans (MJ)	5766
		Air Conditioner (MJ)	1074
		TOTAL ENERGY CONSUMPTION (GJ)	**82.9**
		ESTIMATED ANNUAL ENERGY COST	**$1,774**
MODELLING INPUTS		Est. Natural Gas Consumpton (m3)	-
		Est. Electricity Consumption (kWh)	23,039
		Ceiling Below Attic	Effective R59.22
		Walls Above Grade (exterior)	"Effective R24.15 (Logix Pro ICF)"
		Slab-on-grade with an Integral Footing	Effective R21.12
		Windows & Sliding Glass Doors (W/m2•K)	U-Value: 0.63
		Airtightness	"< 1.56 ACH @ Pa (Assumed - No Air Test Required)"
	HVAC	Ventilation	60% SRE
		Secondary Space Heating Equipment	Electric Resistance (backup)
		Primary Space Heating & Space Cooling Equipment	ASHP (3.31 HEAT COP/ 3.85 COOL COP)
	DHW	Water Heater	0.84 EF (electric)

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