



GPEKS
Clean Energy
Development & Services

399 Boul. Alexandre Taché
Gatineau, QC J9A 2N5

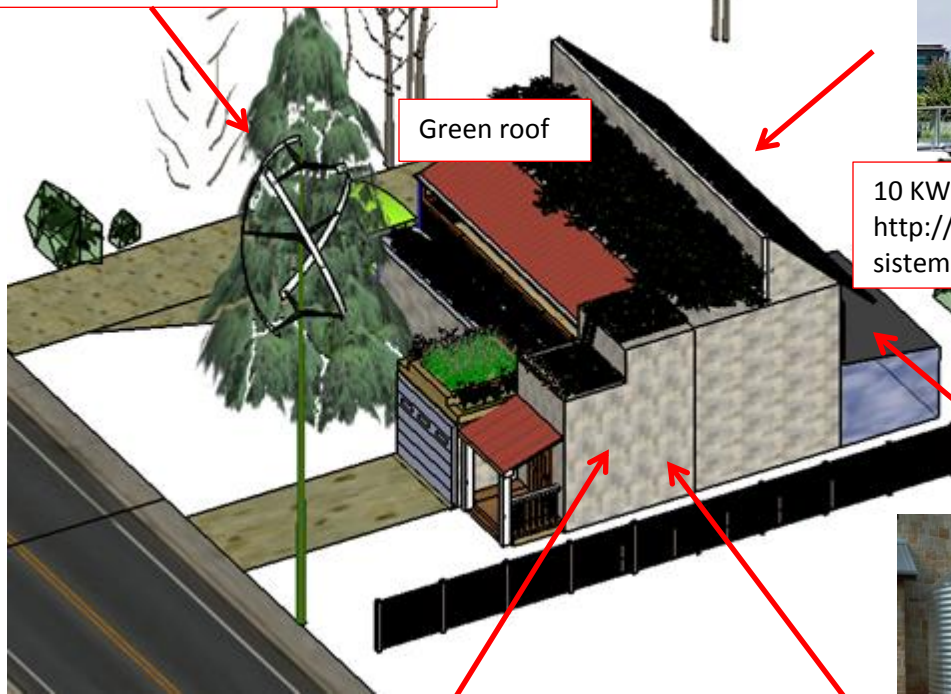
207 Bank Street, # 173
Ottawa, Ontario K2P 2N2

Tel (613) 686-4474
Fax (819) 775-4315

www.gpeks.com

Positive Energy Home

Vertical Axis Wind Turbine 4 kW UGE VisionAIR3
<http://www.ugei.com/vertical-axis-wind-turbine/visionair3-vawt>



Green roof



10 KW Integrated Solar Photovoltaic Roof
<http://www.revosolar.com/2-tu-casa-sistemas-residenciales.php?idioma=en>

Greenhouse with aquaponics



Stainless steel Water
Cistern 1 to 3,000
gallons

Figure 1: Front /North West

Compressed Stabilised Earth Bricks (CSEB).– double wall
http://www.earth-auroville.com/compressed_stabilised_earth_block_en.php



R40 Cellulose insulation
from either recycled
paper or better if
acceptable, treated
sawdust with borax
<http://www.nlcpr.com/Sawdust.php>



Double wall prior to insulation -Dur-O-Wal
lattice tying the two walls together



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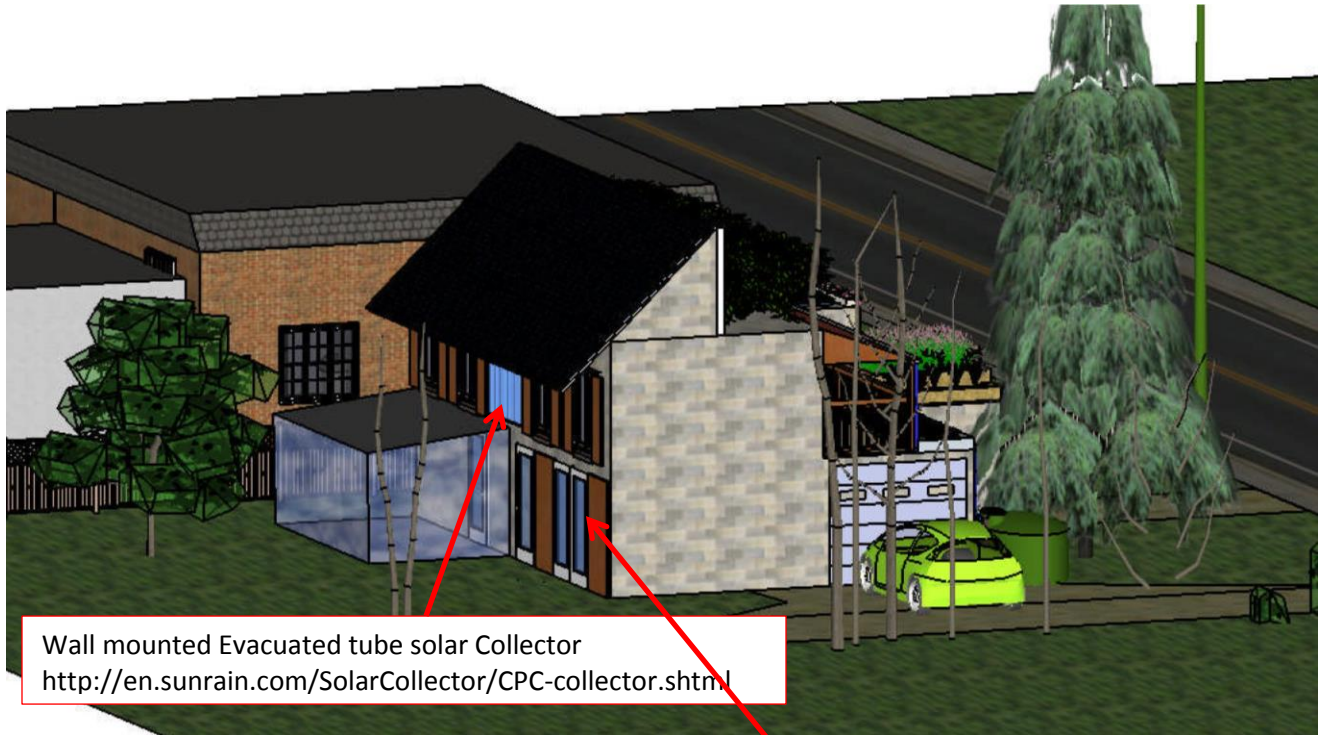
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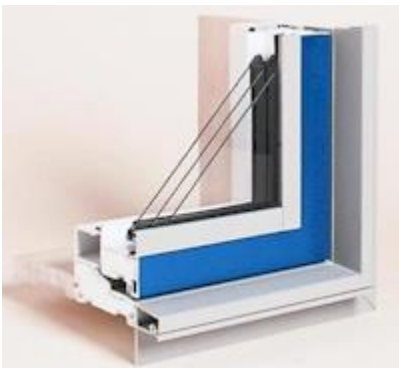


Wall mounted Evacuated tube solar Collector
<http://en.sunrain.com/SolarCollector/CPC-collector.shtml>

Figure 2: Back/South-East

Thermal shutters – Fibreglass/Polyurethane
<http://www.bautan.fr/gammes-volet-battant/santa->

Fibreglass Windows Thermotech
<http://www.thermotechfiberglass.com/products/fiberglass->





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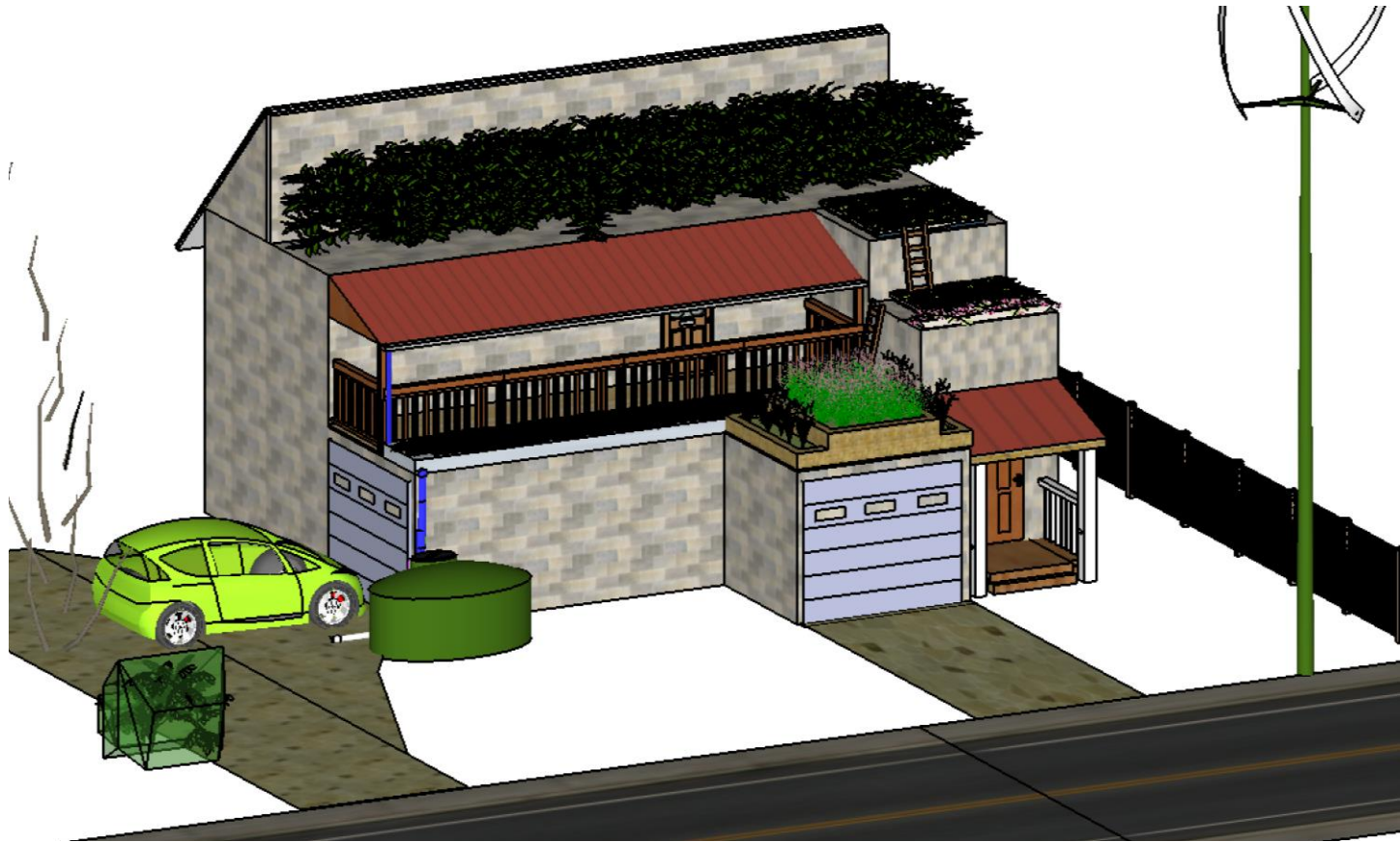


Figure 3: Back/South-East



Figure 4: Back/South (with trees)



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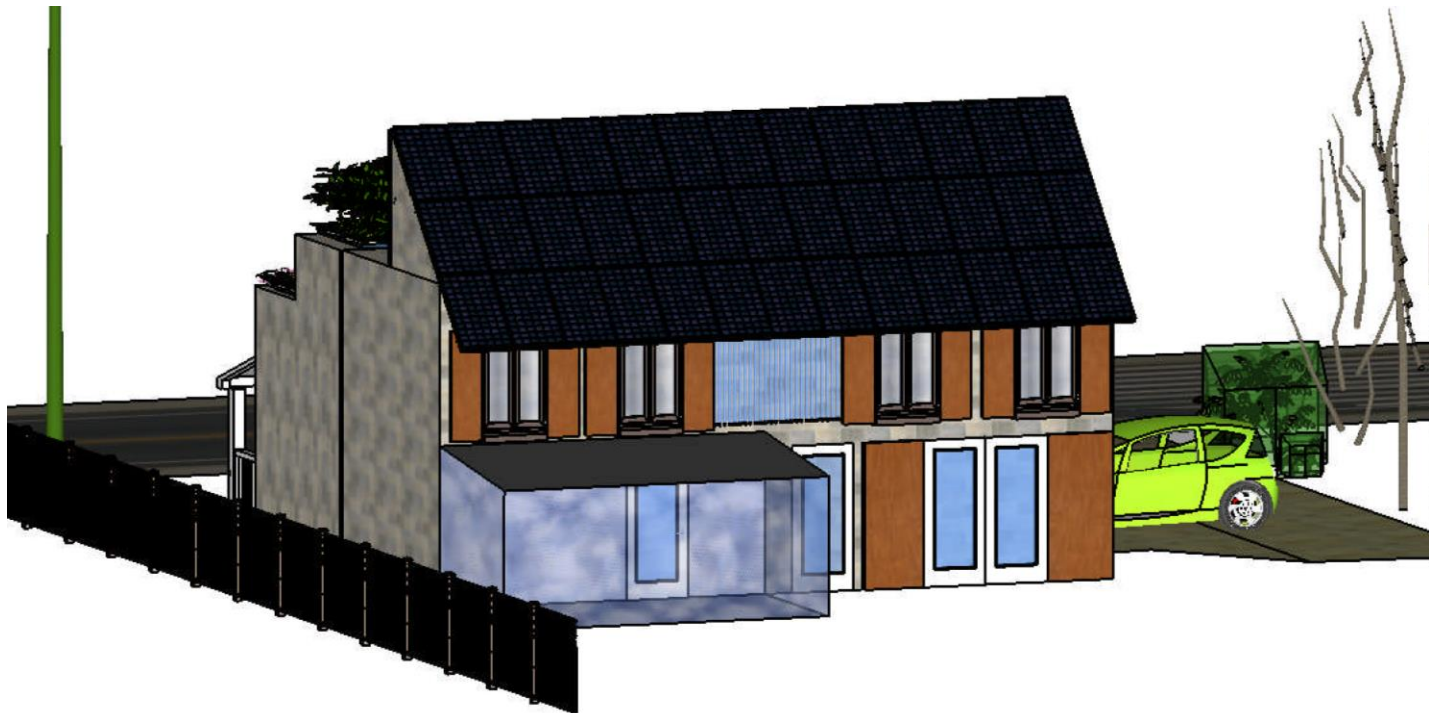


Figure 5: Back/South (no trees)

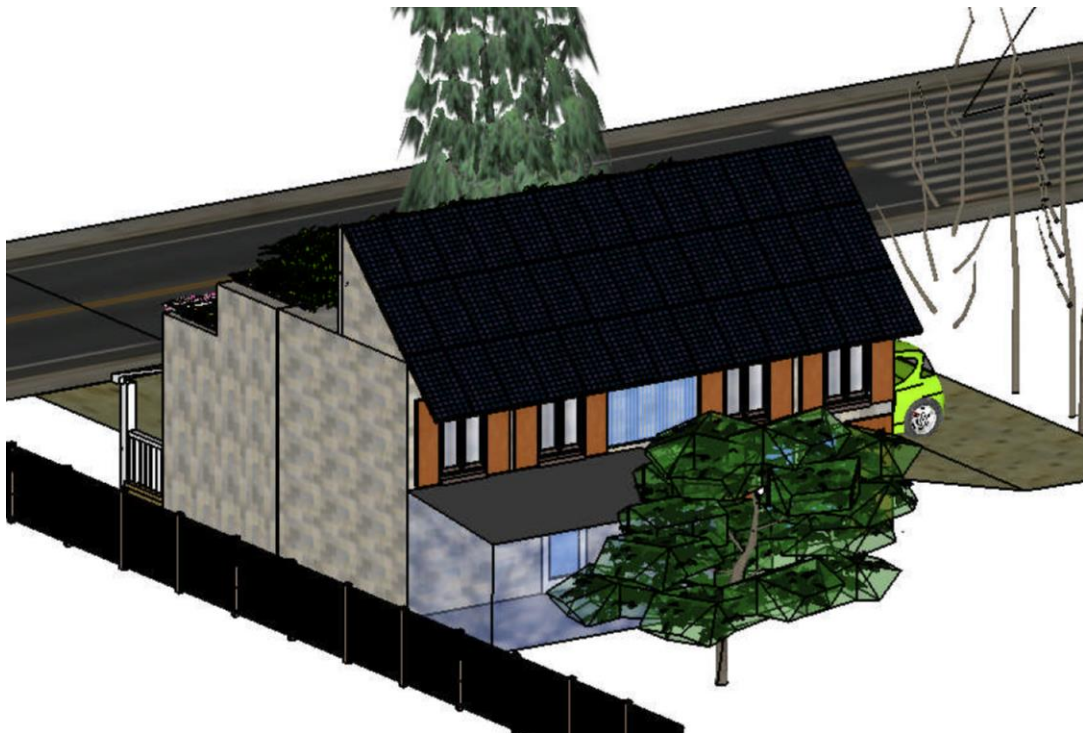


Figure 6: Back/South (no trees)