

Equilibrium™
HEALTHY HOUSING
FOR A HEALTHY ENVIRONMENT



green dream home

PRESENTED BY:

DALE PARKES, MAIBC and BRIAN HAYASHI, Nexbuild Construction



Canadian
Home Builders'
Association



Central Interior



Aerial photo of Kamloops



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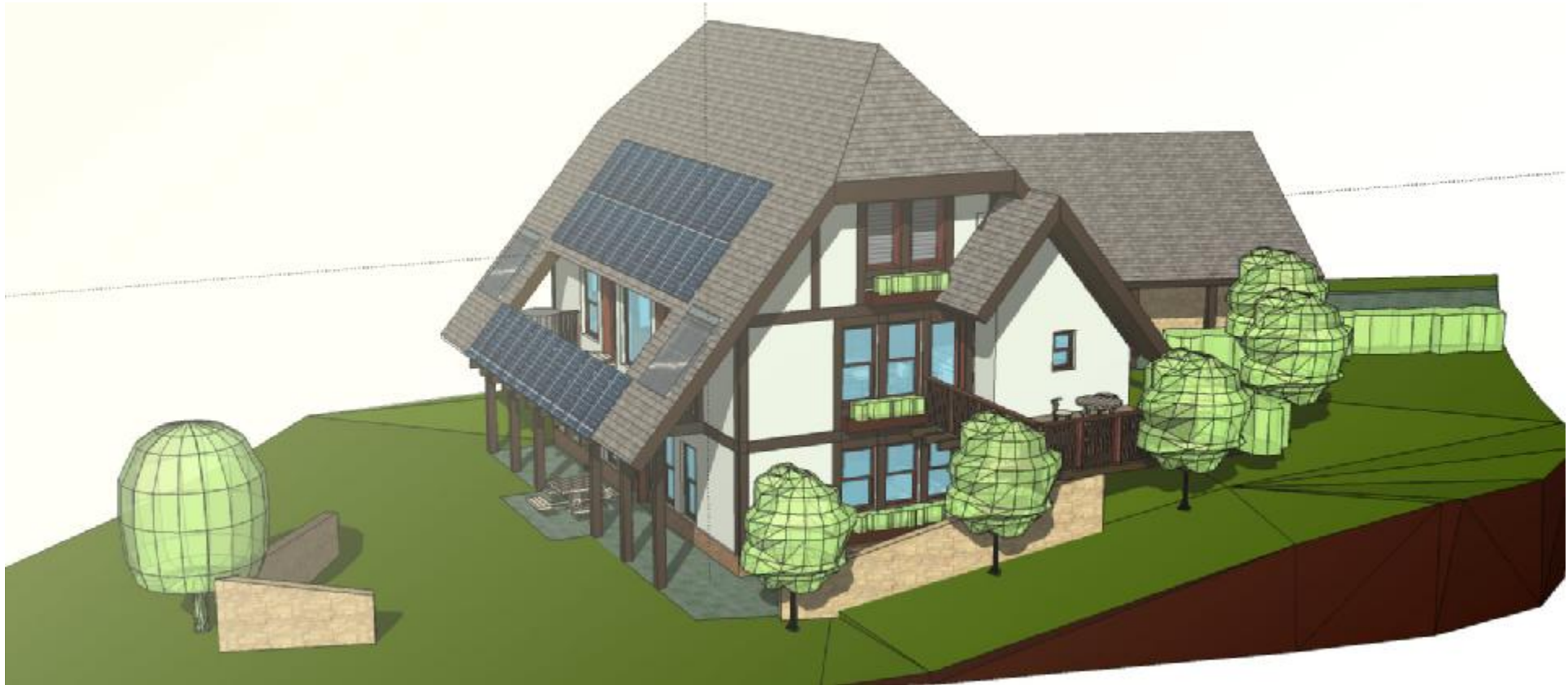
Sun Rivers Master Plan from www.sunrivers.com

The "Green Dream Team" at the Sun Rivers site.



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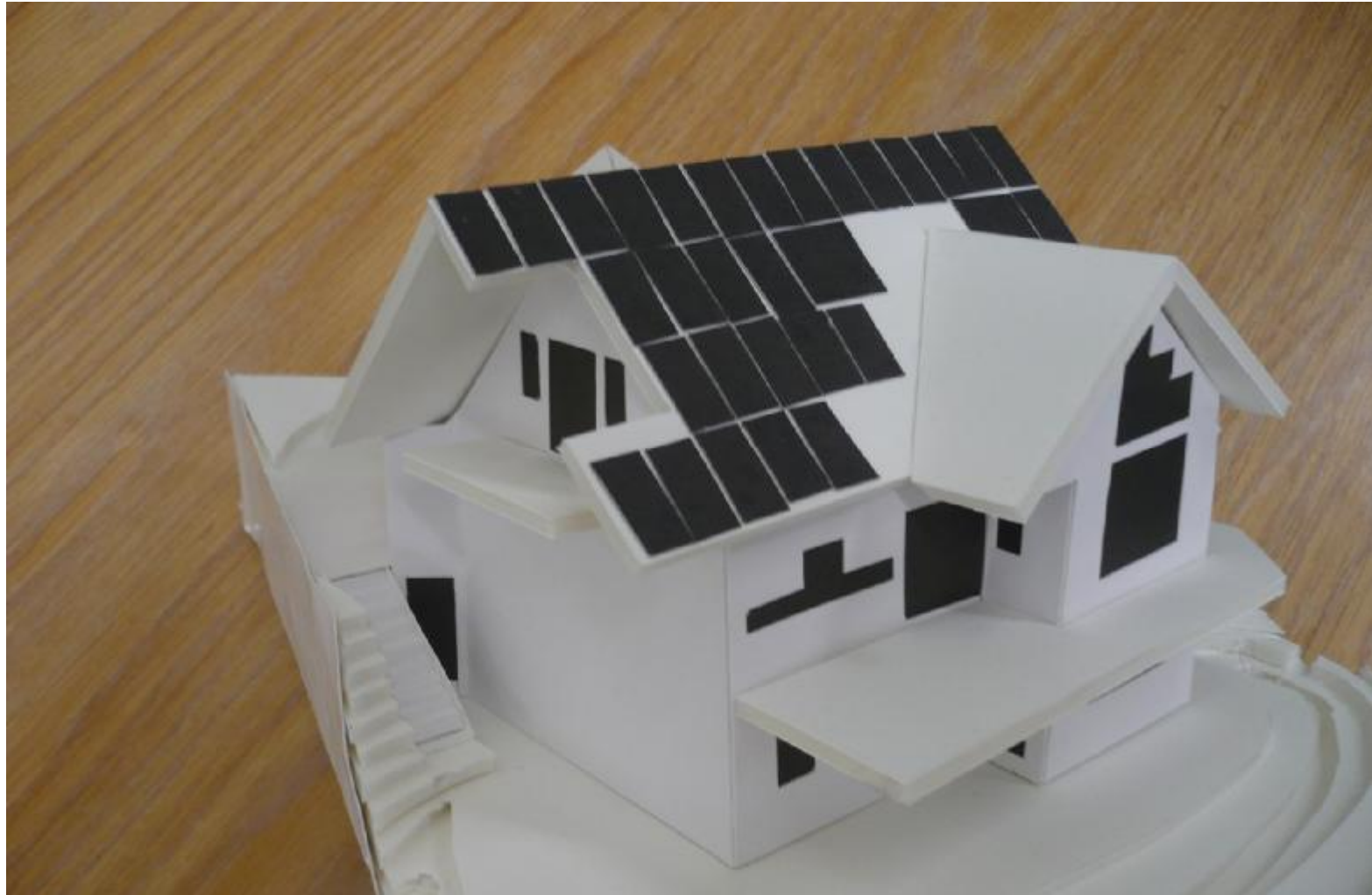
Original Submission to the CMHC



Architectural and Engineering Technology (AET) Students



Top 7 designs chosen (6 shown)



Final Student design by Jody Martens

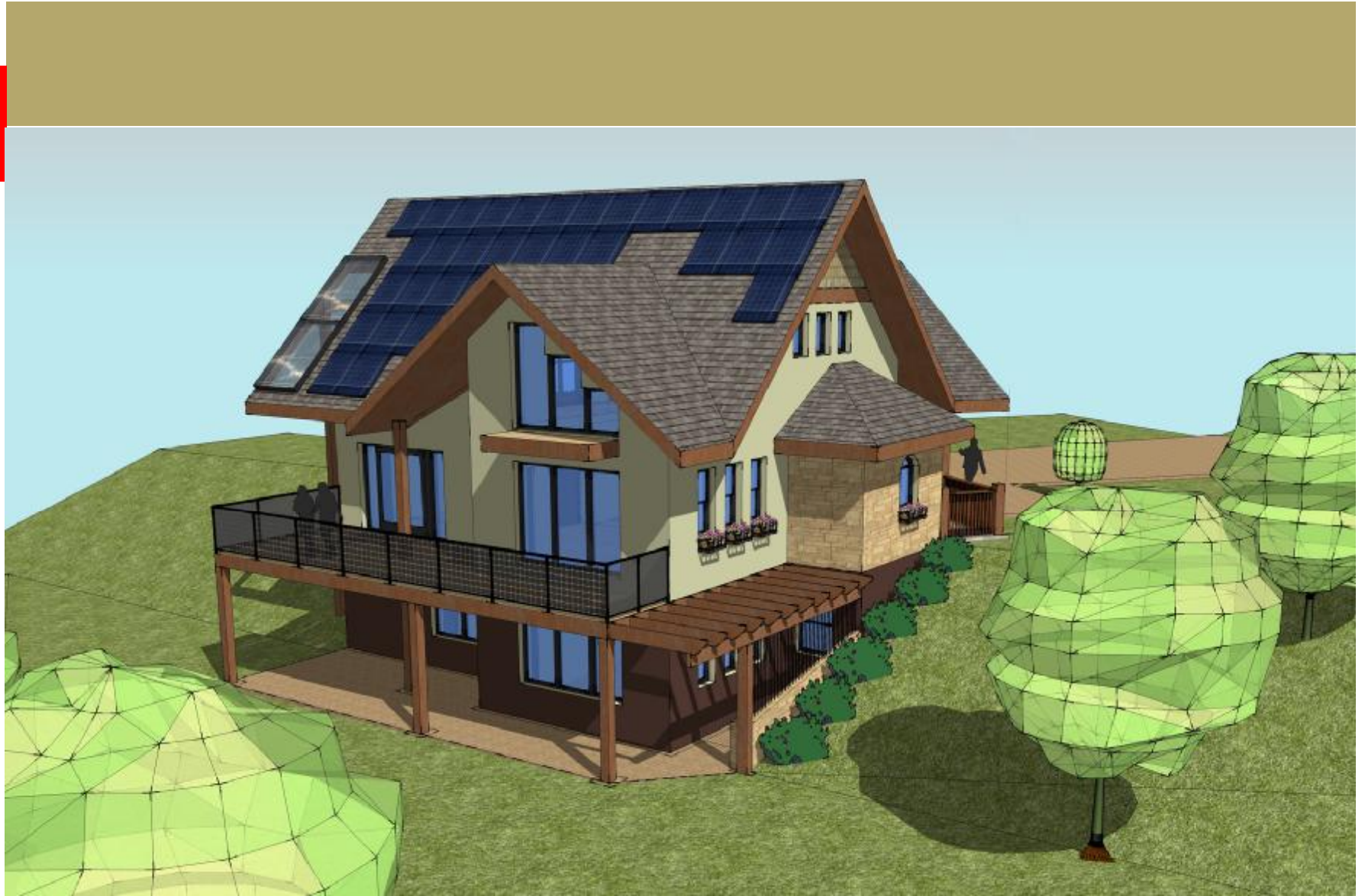


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Design Charrette



Revised Design



Completed building.



THE FIVE KEY PRINCIPLES OF EQUILIBRIUM HOUSING:

- HEALTH
- ENERGY
- RESOURCES
- ENVIRONMENT
- AFFORDABILITY



Exterior view



Exterior view



Exterior view



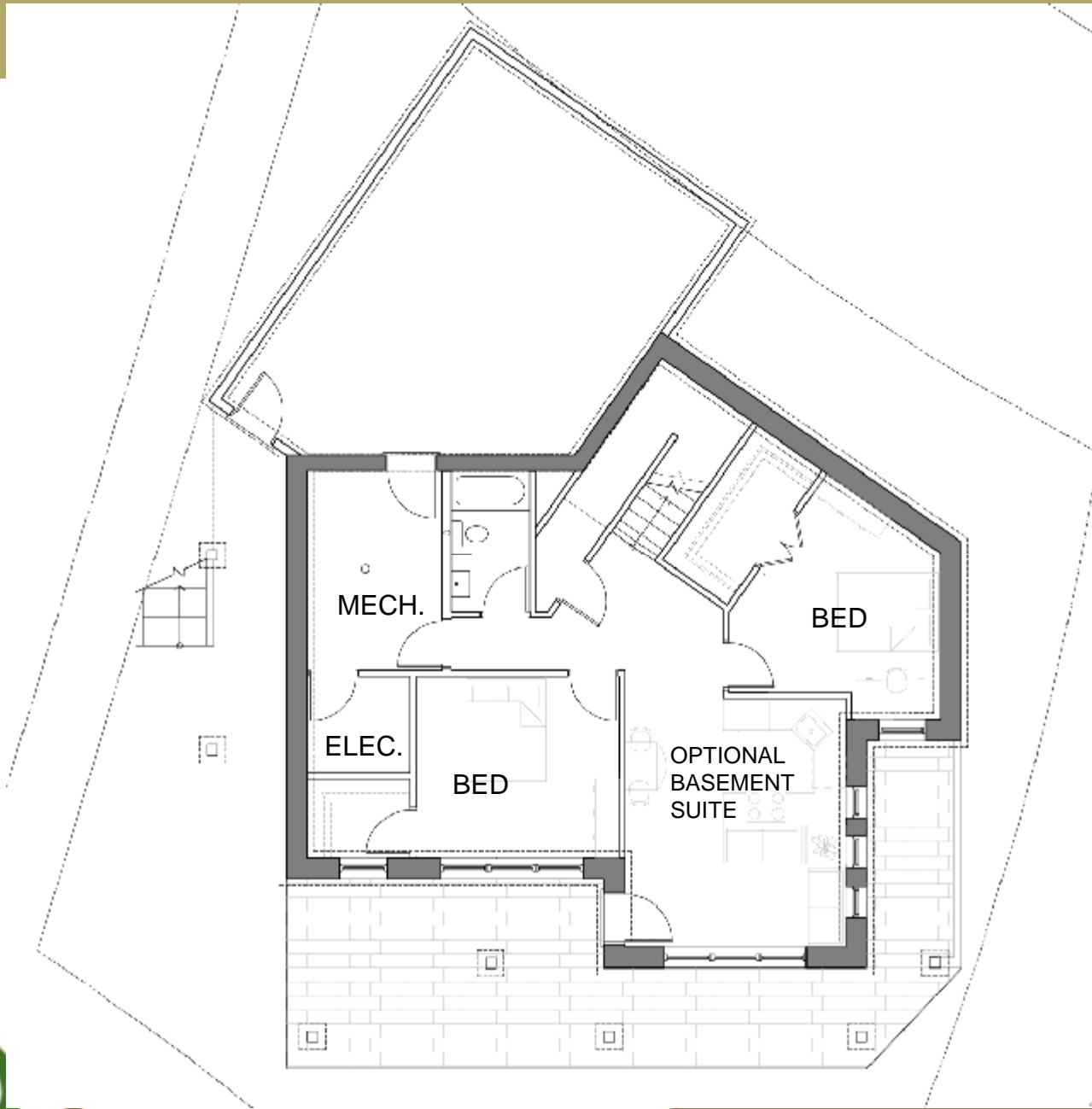
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Exterior view



Basement Floor Plan 1211sf

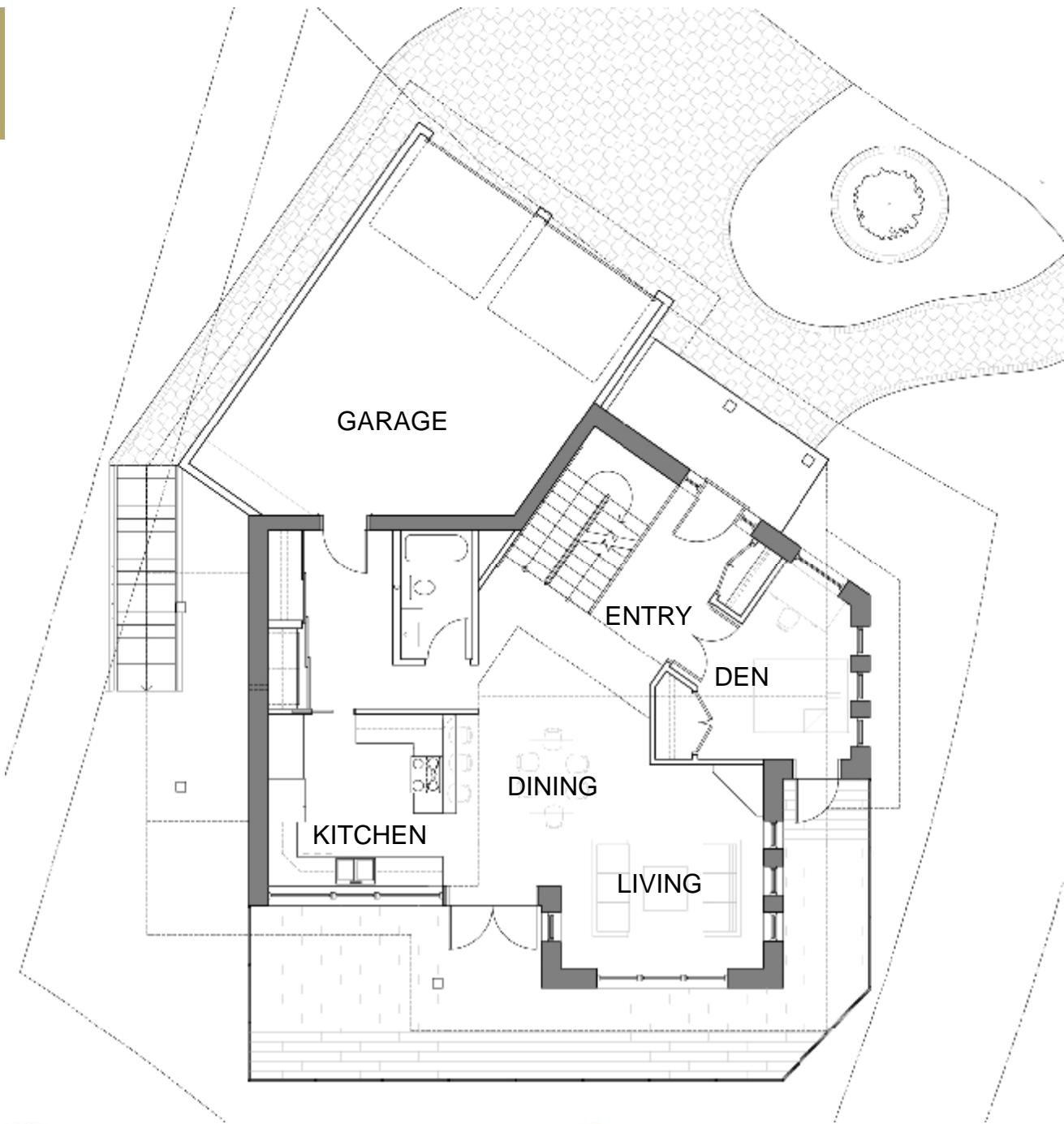




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Basement Mechanical Room

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Main Floor Plan 1211sf



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Main floor

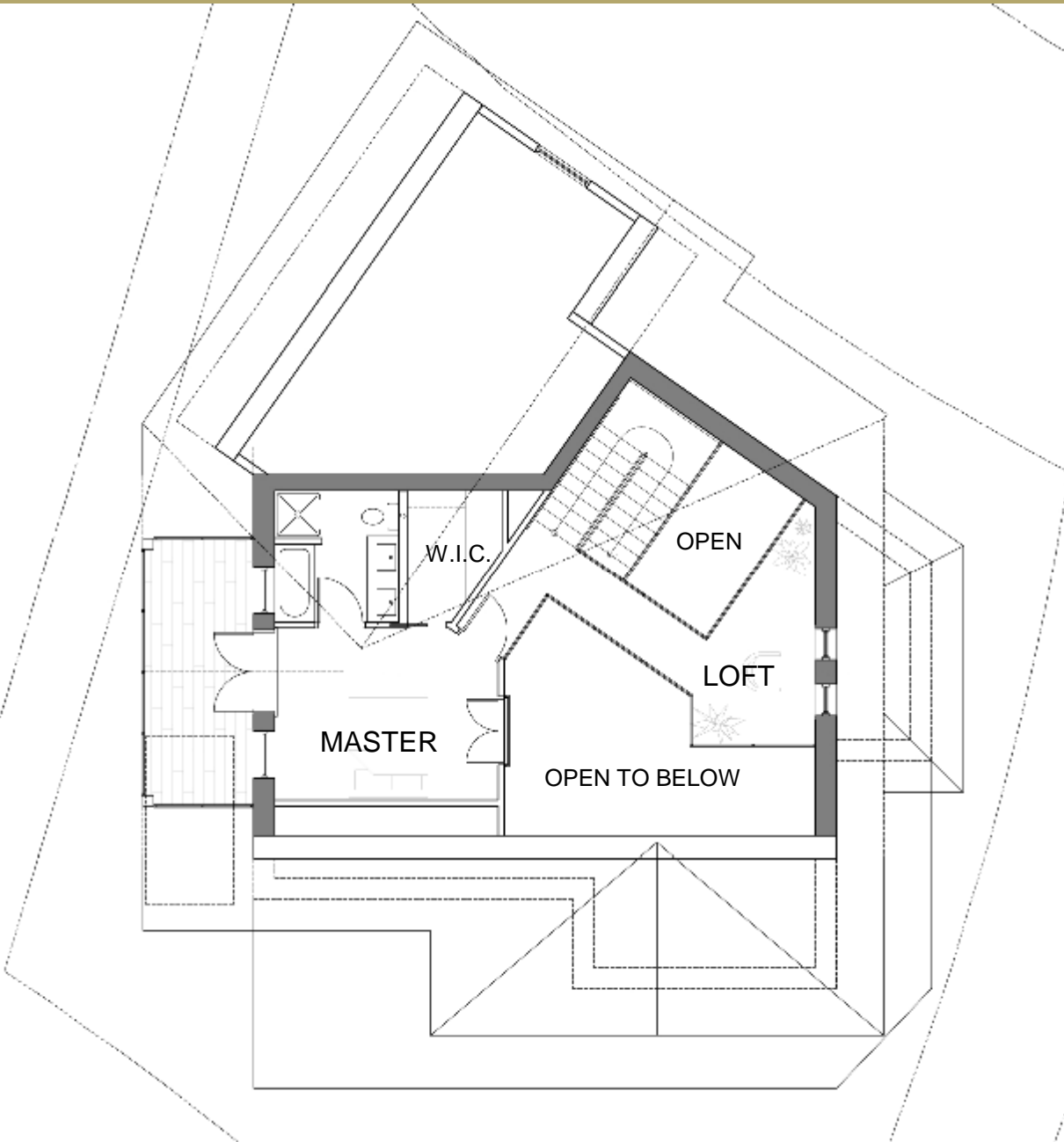
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Main floor

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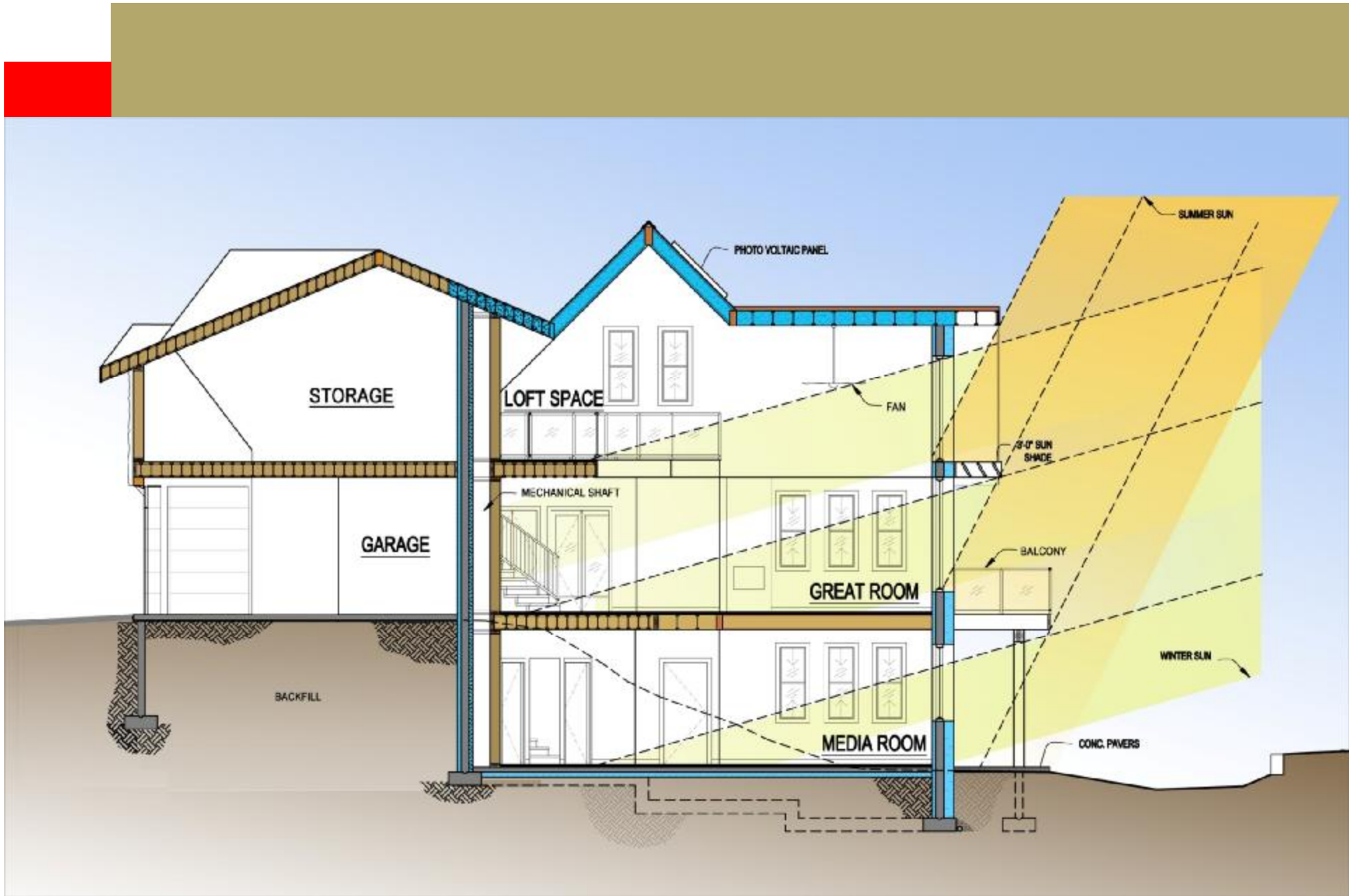
Upper Floor Plan 365sf

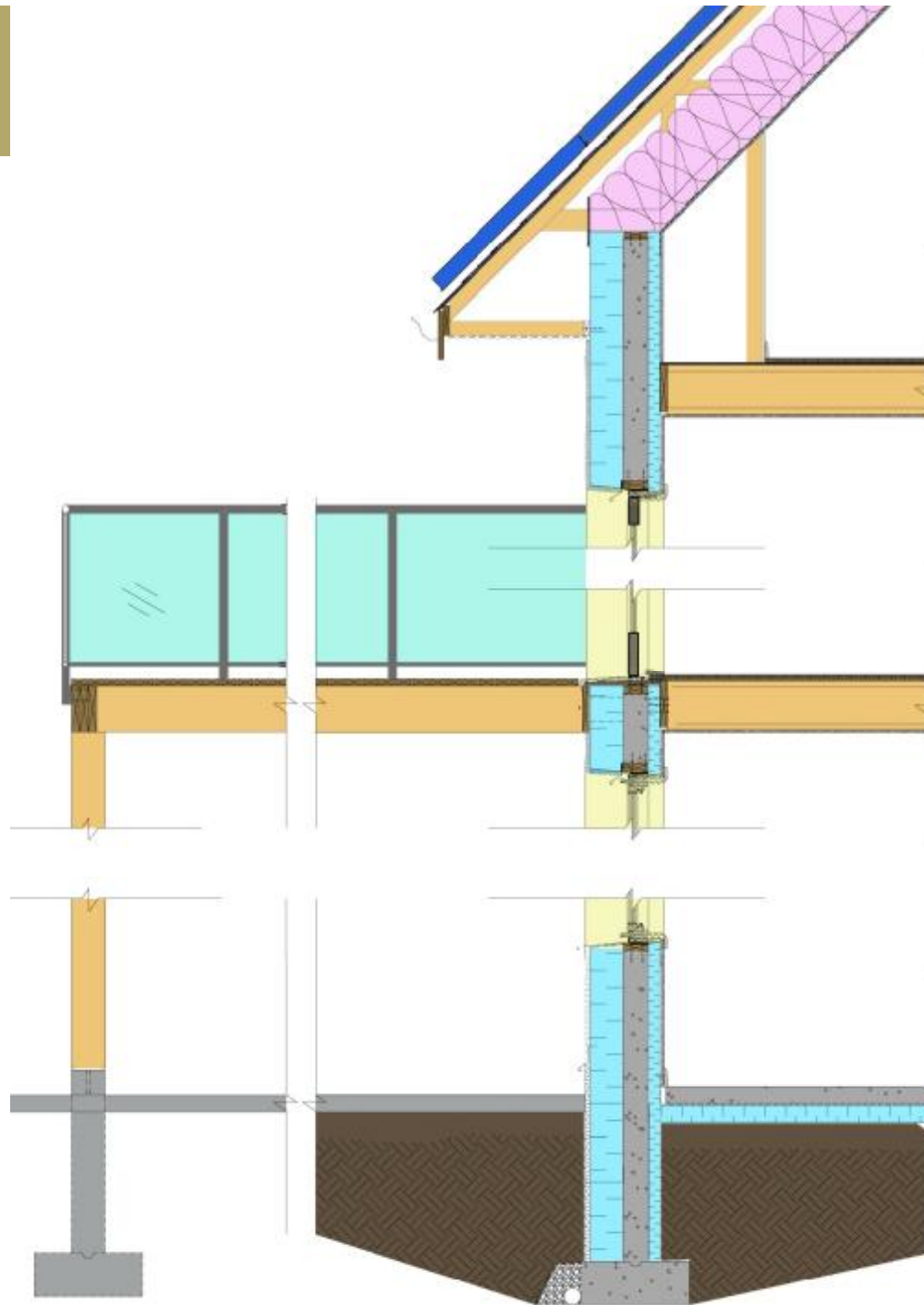


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View to kitchen and balcony

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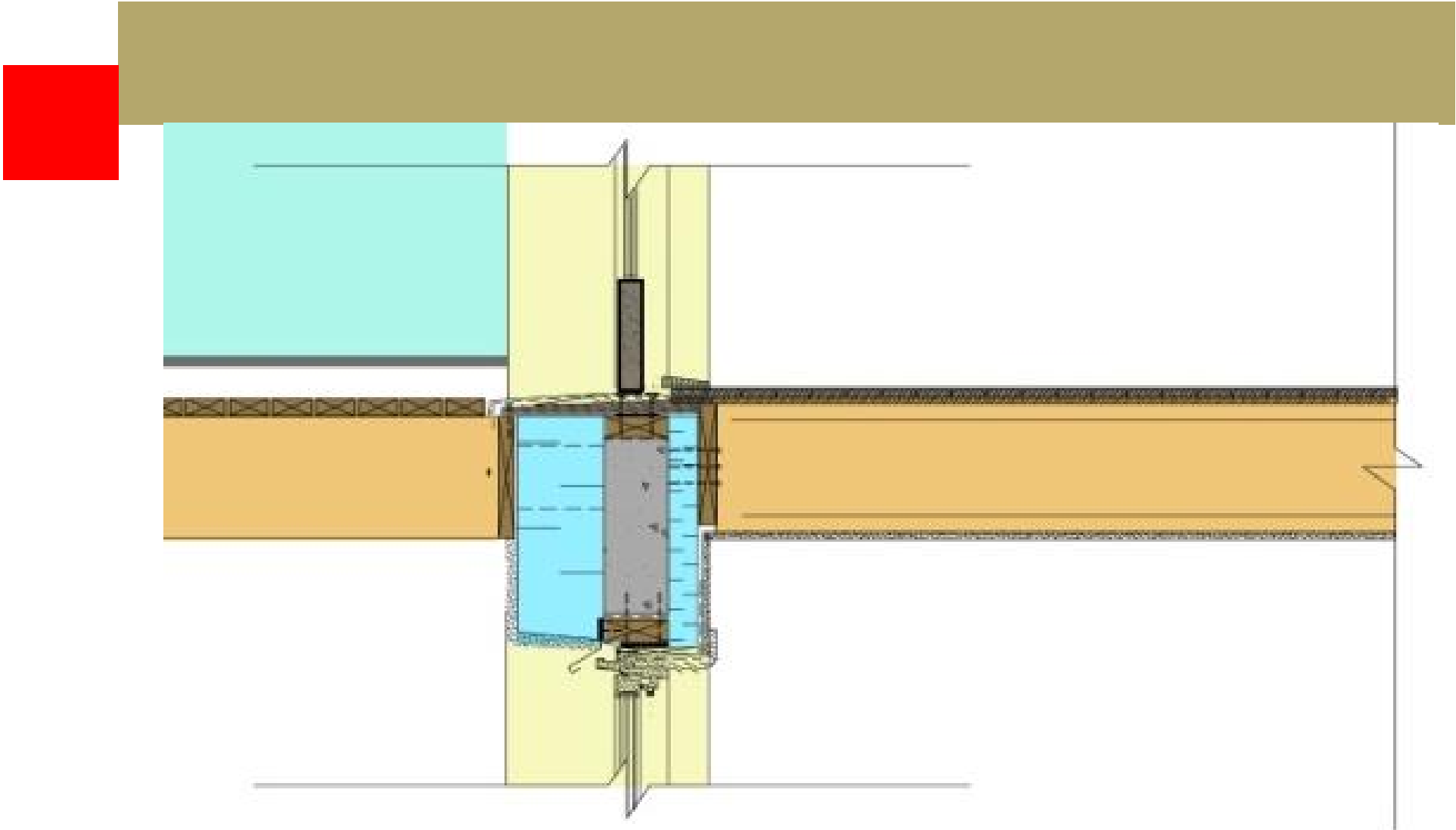


Wall Section





ICF Panels



Connection detail



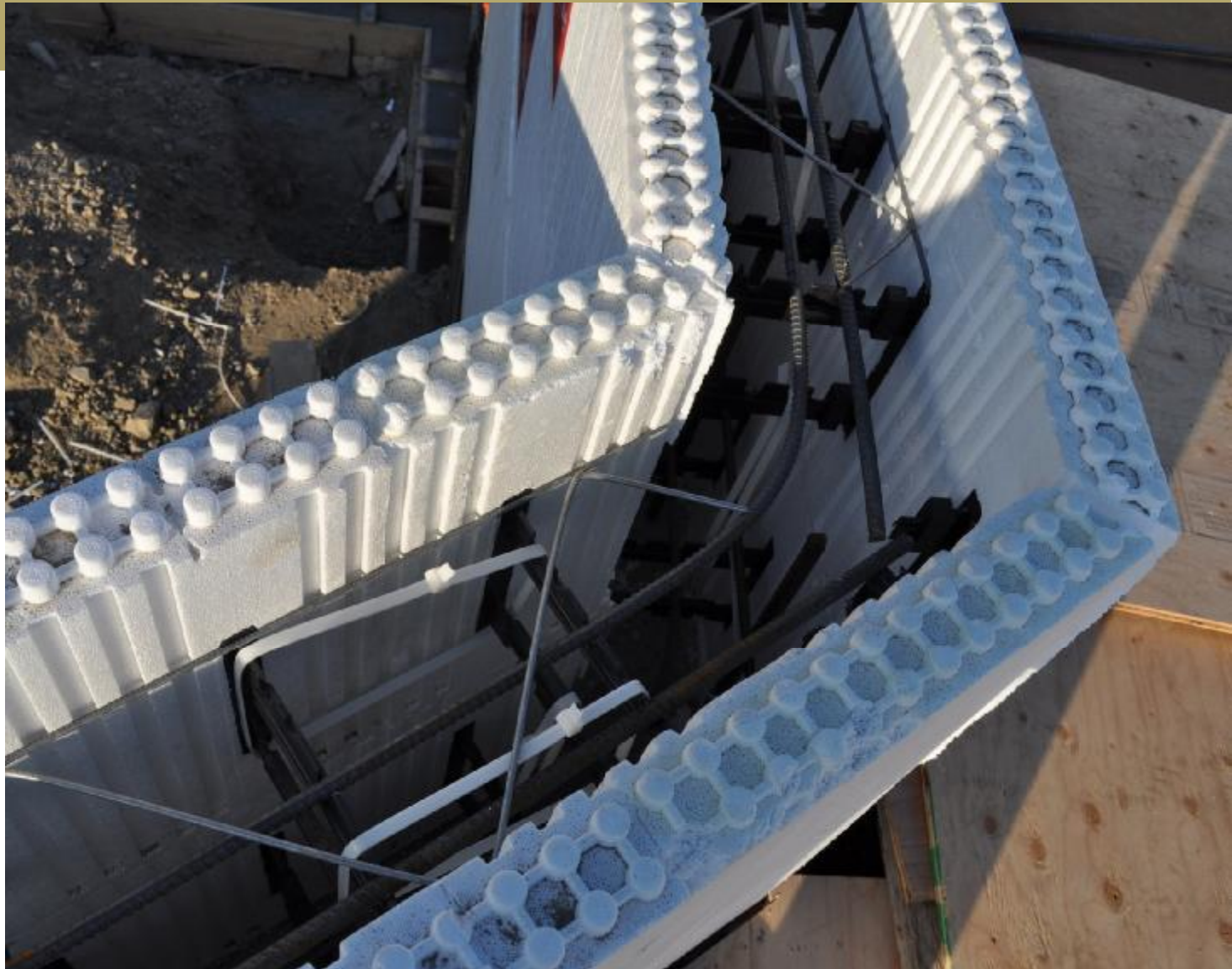
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Anchor tunnels



Corner Detail



Corner insulation

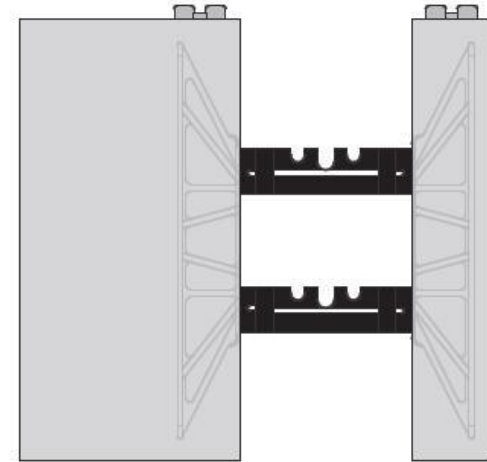


Corner
waterproofing





R44



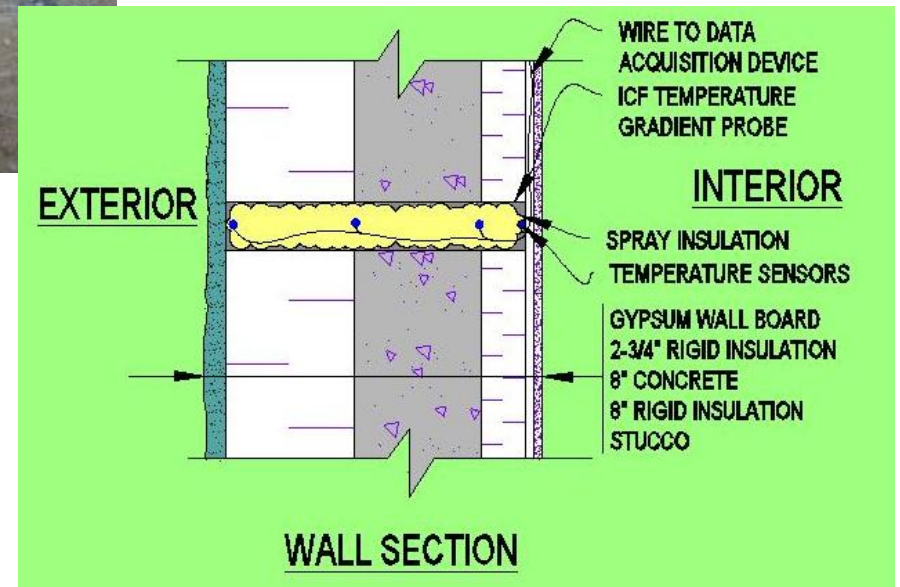
8"

2 3/4"

Logix XRV panel

Thermal gradient sensor

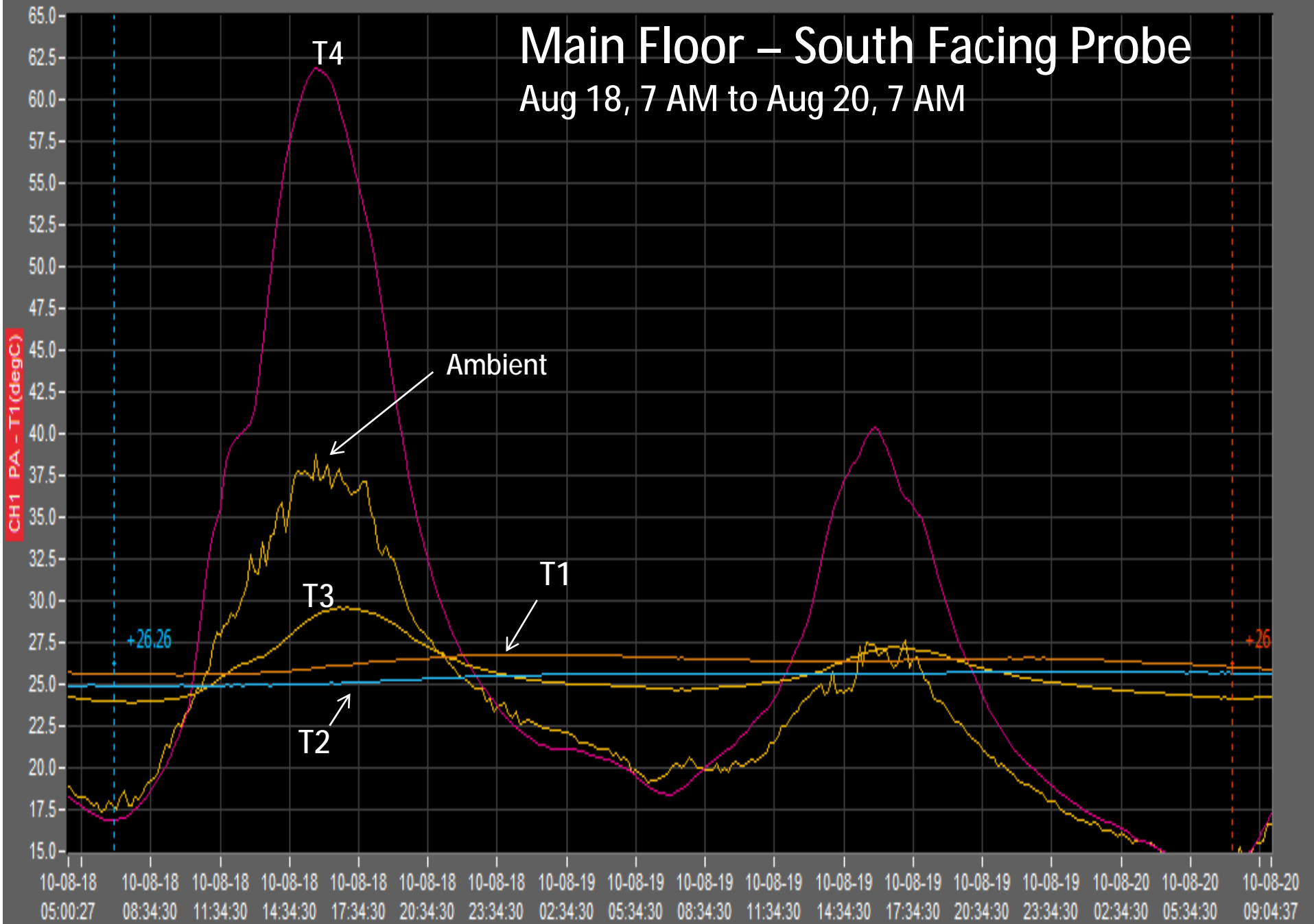
Student research project

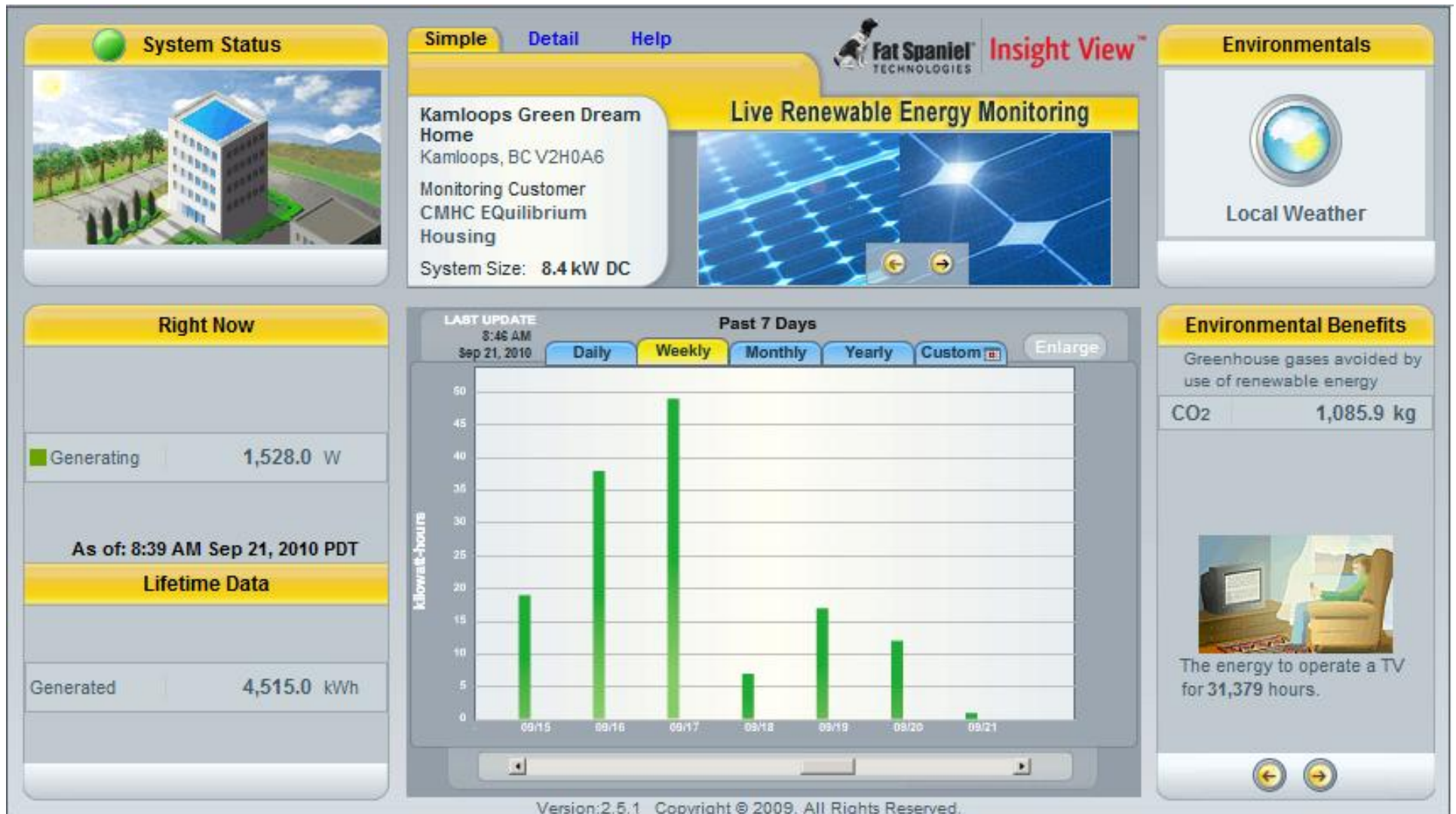


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Main Floor – South Facing Probe Aug 18, 7 AM to Aug 20, 7 AM





Fat Spaniel monitoring:

<http://siteapp.fatspaniel.net/siteapp/simpleView.jsf?eid=504322>





Wood frame vs. ICF

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www.greendreamhome.ca

THANK YOU!



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