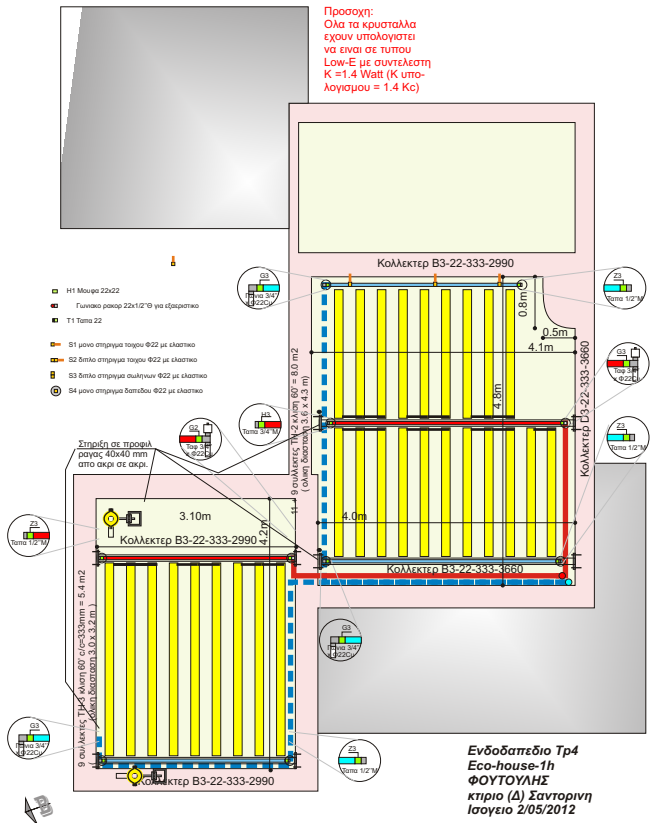




TKM/TP4-Enersol ECO-house 12D Vothonas Santorini

A two-store family house with basement.
Low temperature radiator heating system.
Thermodynamic solar panels TD/(PV) for up to 75% low temperature solar heating.



Building on left hand side, Energy classification (A-) Solar buffer tank 500 L, additional energy source oil burner



The backside of solar panels are temporarily covered by an aluminium plate which can be exchanged to PV-modules.



All roof areas are covered by 20 +9 solar panels (3.0/2.0 m) with high efficient selective surface (a=95% e=5%)



The selfbearing collecting pipes are of stainless steel 304 and the connector couplings are in stainless steel SS 316



The preinsulated distributor pipe is fixed to the wall by ordinary pipe pipe fixtures with rubber surface.