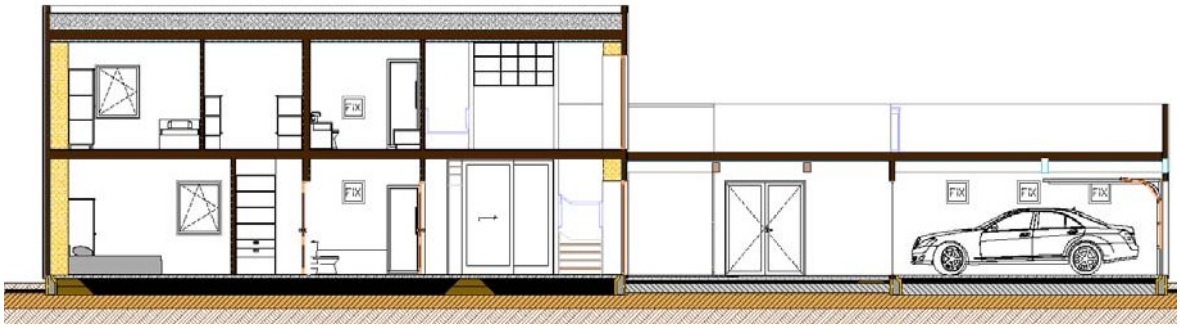
PRESENTATION Redvald

3D Plan

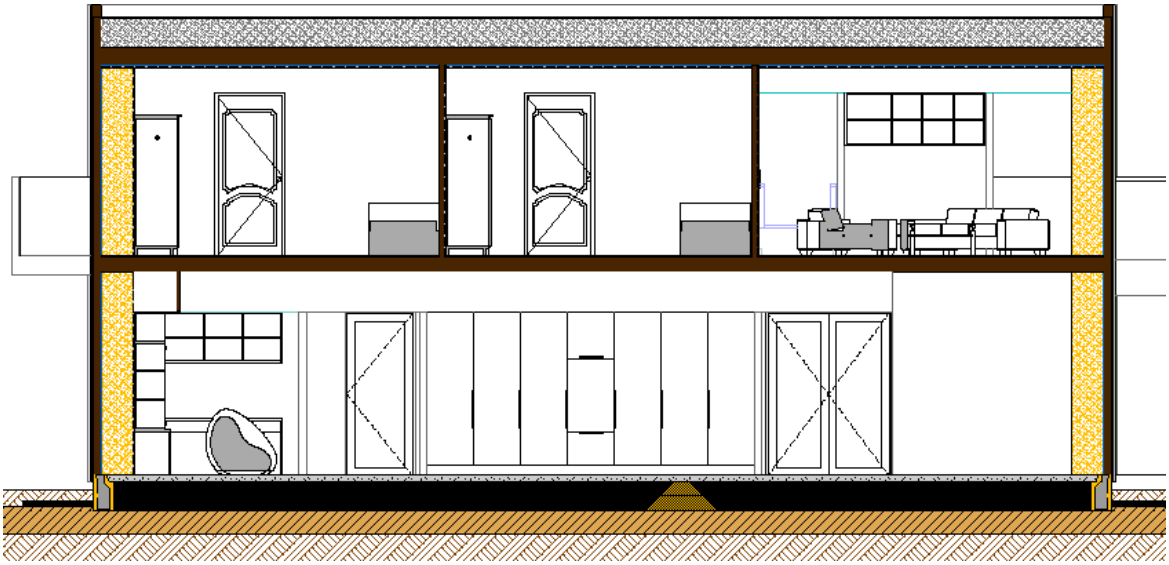
Ground Floor

Second Floor

Section

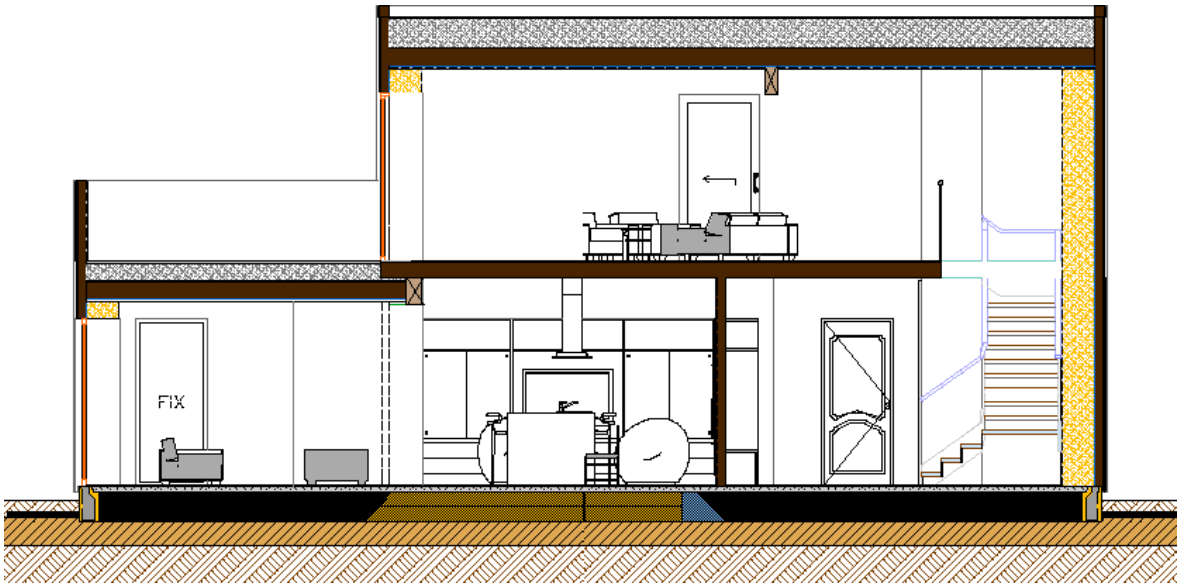


Longitudinal Section

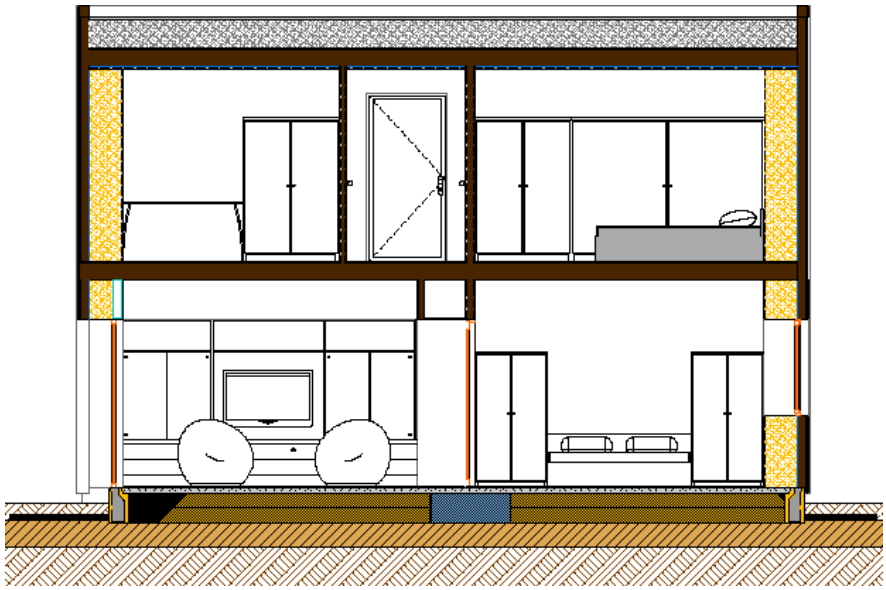


Longitudinal Section

Section



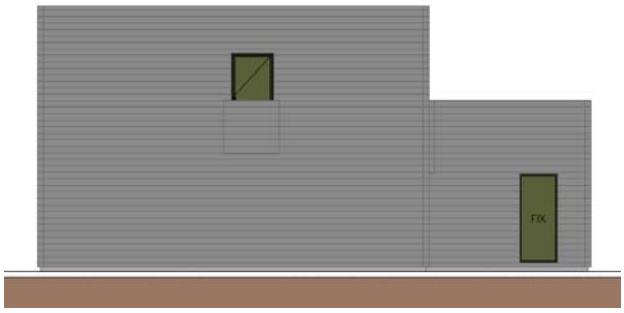
Cross Section



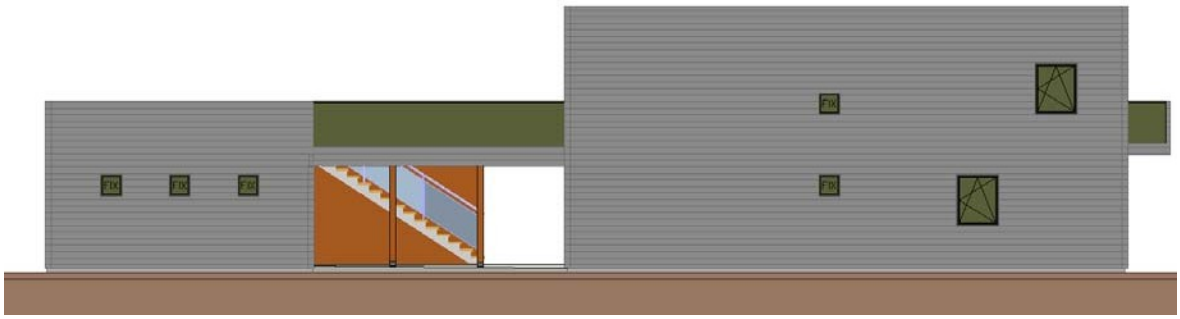
Cross Section

Section

South Elevation



West Elevation



North Elevation

East Elevation

1. Here is concrete plate on the ground ready for mounting of the house.

2. Elememt No. 1 arrives, the clock is now 1134 on Tuesday 8th November 2011.

3. Element no.1 is in place.

4. Element no.1 is braced.

5. Crane deliver element no.2

6. Element no.3 is placed.

7. Element no.5 is coming.

8. Element no.5 is placed.

9. Element no.6A is coming.

10. Element no.6A is placed.

11. Elememt No.6B is coming.

12. Element no.6B is positioned.

13. Element no.6B is placed.

14. Load bearing wall Element no.10 is placed. Poor logistics made the Glulam Beam 7 and 8 as well as load bearing wall Element no.9 not available and could not be installed in right order.

15. Load bearing wall Element no.9 arrived from truck.

16. Load bearing wall Element no.9 positioned for placement.

17. Load bearing wall Element no.9 is placed.

18. Overview of the garage.

19. The hoisting of insulation while the workers are relaxing.

20. Here shows the load bearing wall with vertical stud spaced 30cm c/c in order to carry the 550 kilogram snow load for the place.

21. Waiting for Glulam Beams 7 and 8.

22. It darkens quickly.

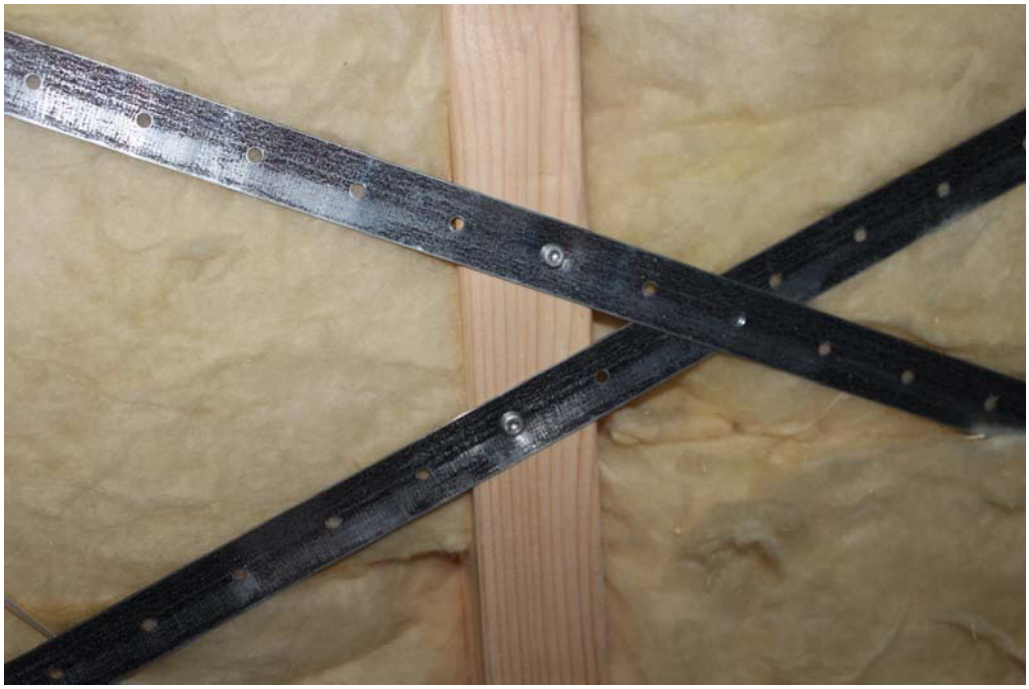
23. Finally here comes the Glulam Beam no.7 for installation.

24. Hi, there it is not prepared at the factory.

25. Column under Beam no.7 in the large glass wall.

26. The column is placed under beam.

27. Special windows Kommerling white interior and gray exterior inset into the wall with special bands approved by the Passive House Institute in Stuttgart for maximum sealing over the long term.



28. Oblique band is an unnecessary additional protection as PLUSSHUS.no series of homes always use. Thereby, can never static, the building doubted.

29. Here is also Glulam Beam no.8 mounted.

30. Unnecessary poor logistics loading trucks provide chaos on the site and extend the installation time to more than double.

31. Unnecessary temporary storage of elements.

32. Unnecessary temporary storage of elements.

33. The entire load of elements has no planned logistics and must be stored temporarily before the installation can take place. Chaos at the construction site and put 6 man only on standby while watching for hours.

34. Two (2) Glulam Beams have now been found.

35. Floor Element no.11 is finally on the way.

36. Floors Element no.11 in the air, recess is a balcony-bumps to be installed.

37. Floor Element no.14 is added up.

38. Here appears necessary kubbing in floor element, which is necessary for that column of the second floor to get the sledge down to the foundation.

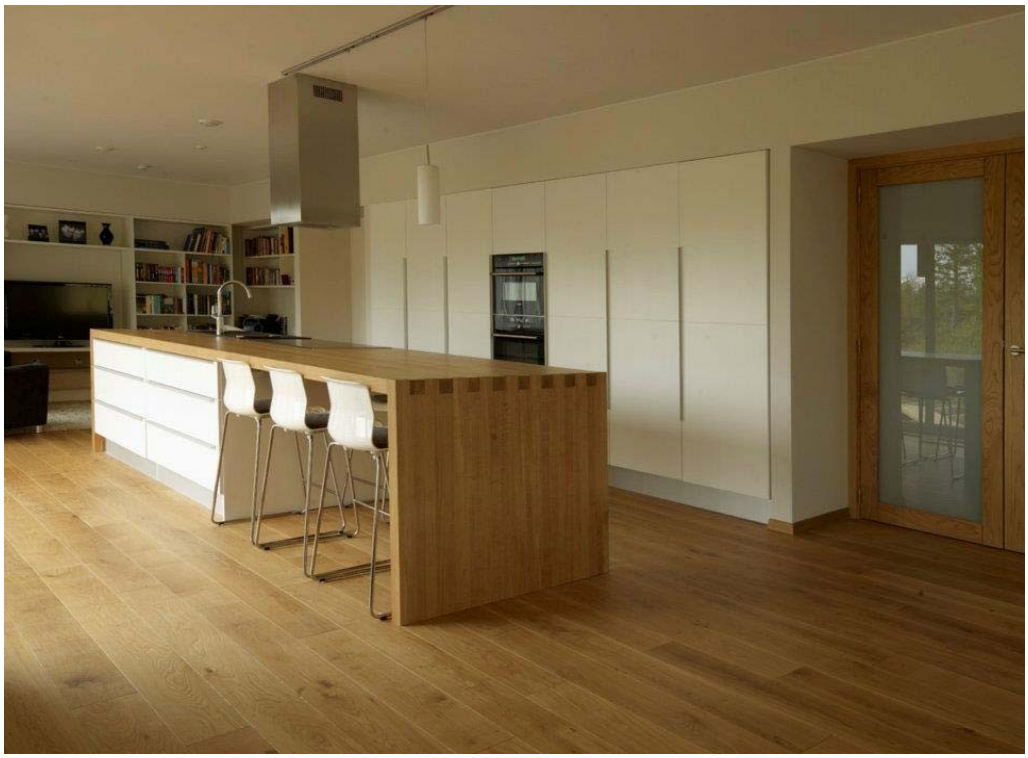
39. All floor elements are mounted, yet so sloppy that they must be repeated. Here it turns out that the floor has been about 5cm too large compared to the wall below. Typical errors for amateurs.

40. Problems to be solve as time goes by and the crane is consuming kr.2000 per hour in waiting.

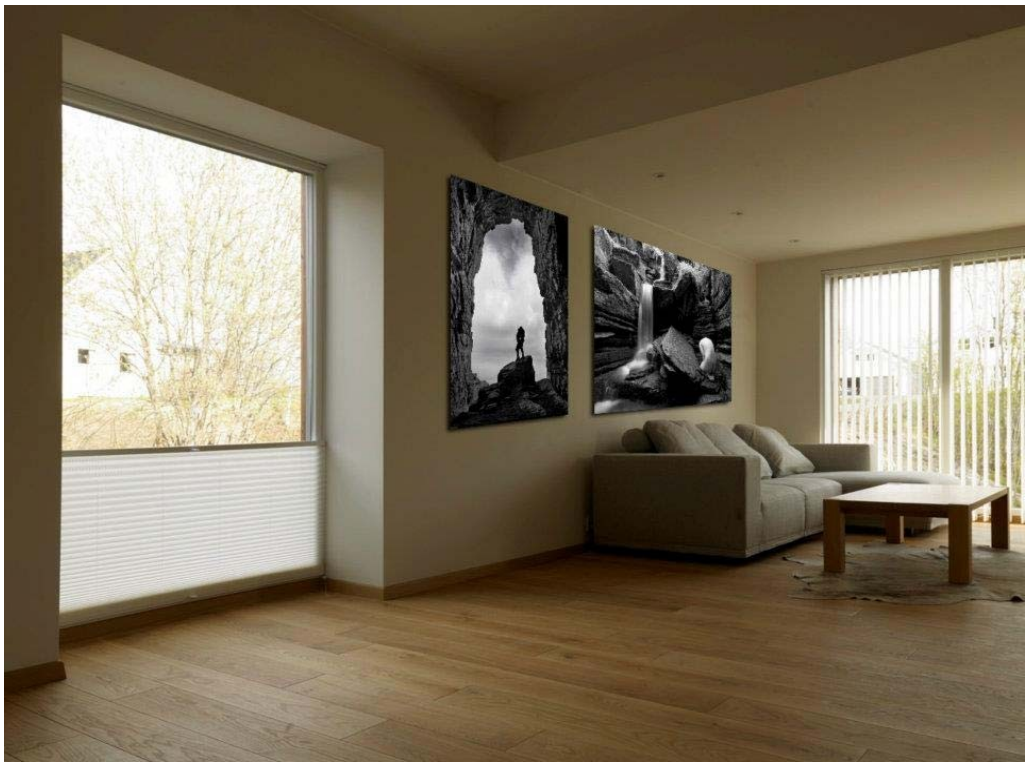
41. Image of completely raised house elements of Redvald Hjulstad.

Completed House - Exterior Finish

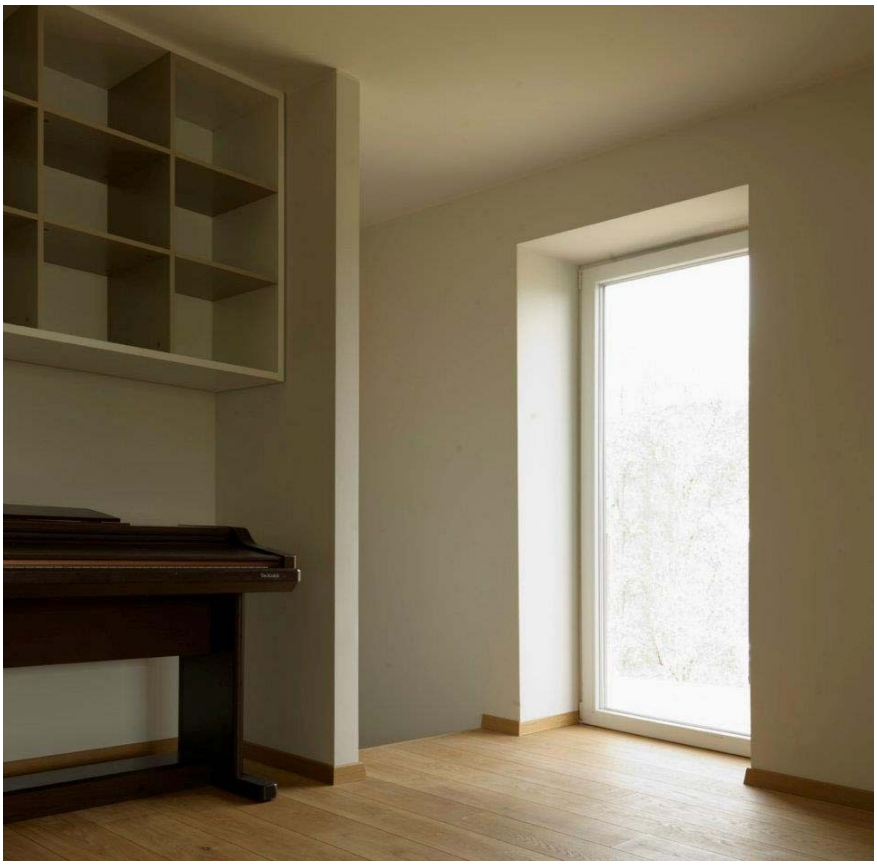
Completed House - Interior Finish

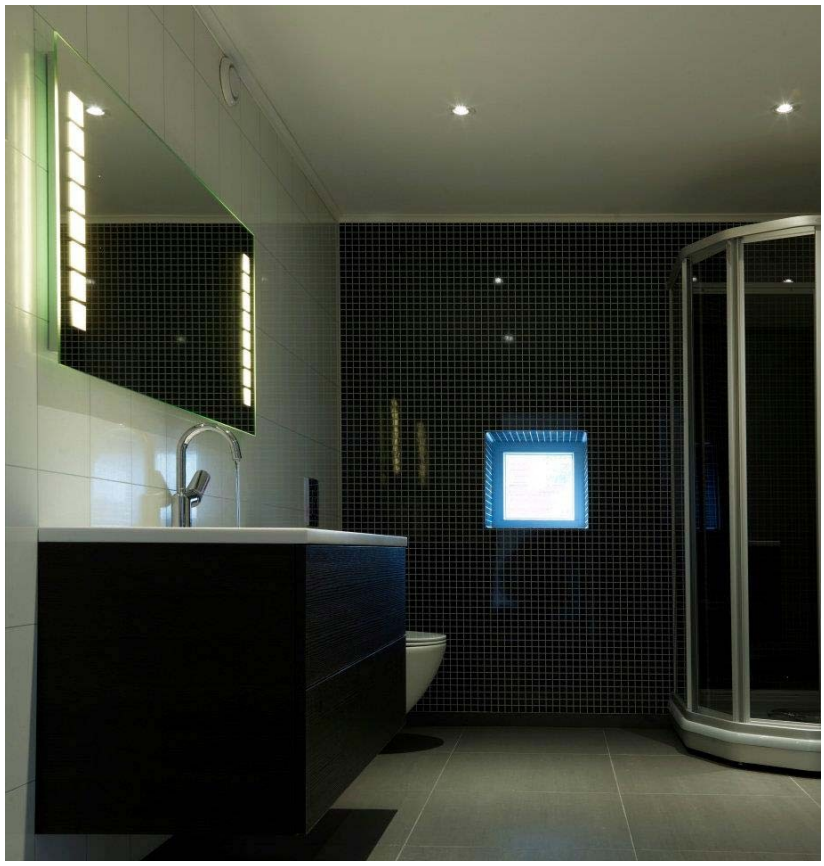


Completed House - Interior Finish



Completed House - Interior Finish





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