

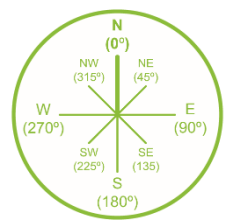
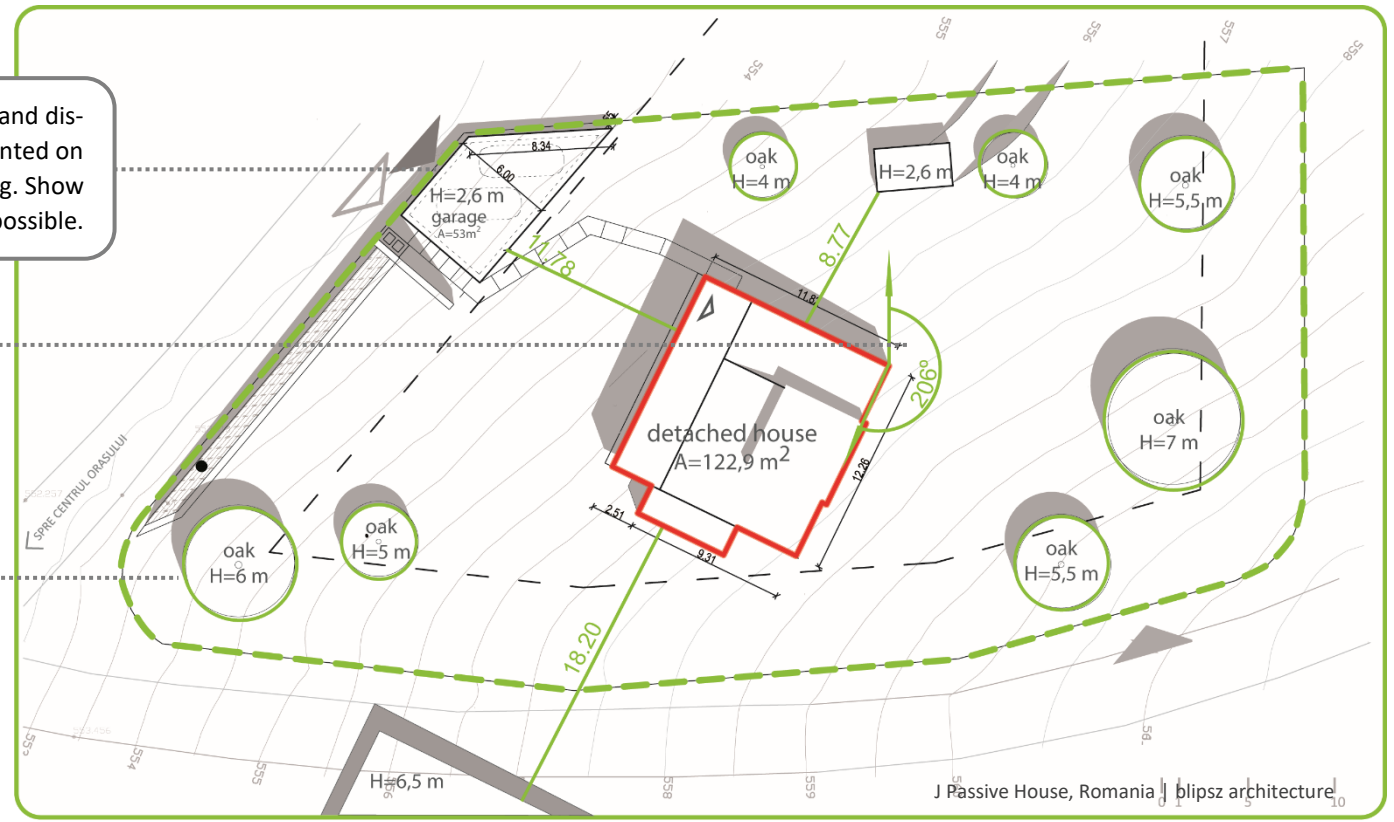
Site plan

Neighbouring buildings including their height and distance to the proposed building must be represented on the site plan if they shade the building. Show topography if possible.

Angle of deviation from North

Neighbouring vegetation or / and any other elements which shade the building, including height and type of vegetation (e.g. coniferous or deciduous) must also be shown

Graphic identification of the building envelope intended for certification



Scale: 1:200	Complete address: Passive House str. 1 Passive City, 12345	Geographic coordinates: 44 °00`N, 25°30`E, Height above the sea level: +/-0.00=556.0m
Angle of deviation from North: 206°		

Floor plan

Cross section

Dimensions

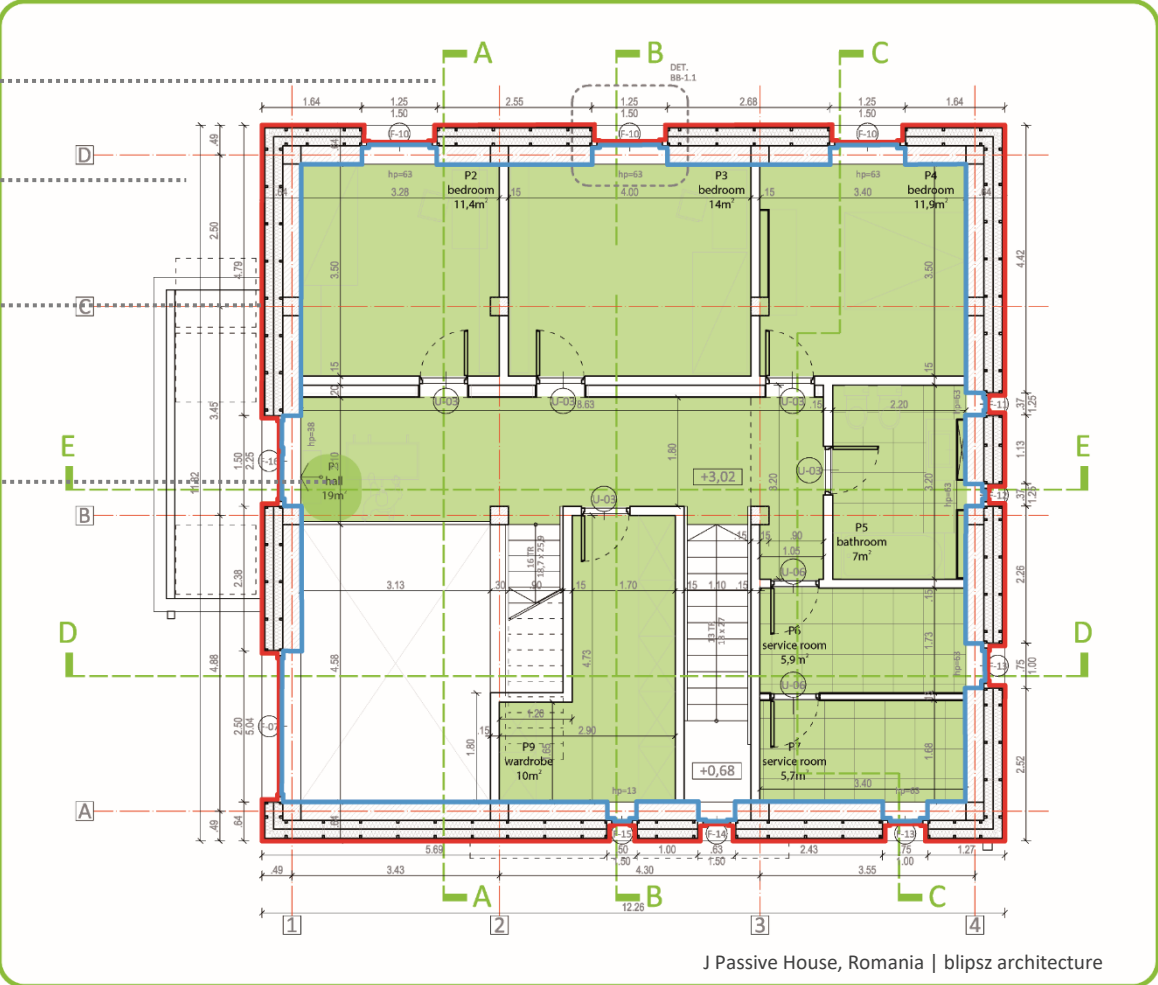
Clear and accurate representation of walls, windows, and doors

Graphic identification and calculation of each assigned TFA together with the surface calculated, and code names and the percentage used in the calculation

Graphic identification of areas where the room height is below 1 m or 2 m to support TFA calculation

Any unconditioned (i.e. non-heated) adjacent spaces must be marked and named accordingly

Scale:
1:50
or
1:100



Graphic identification and external dimensions of the thermal envelope

Graphic identification of the airtight layer

Section

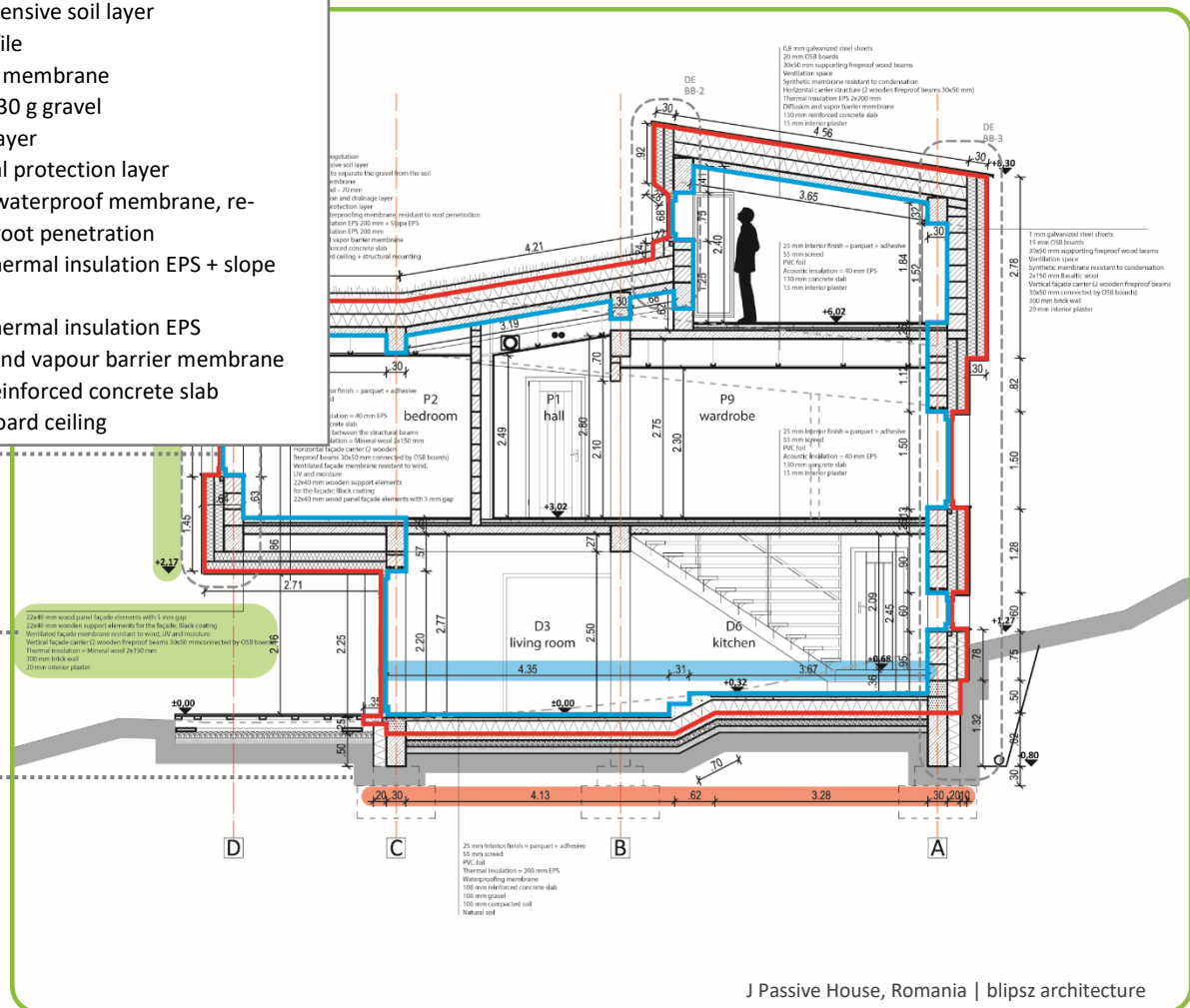
- Roof assembly 1 – Green roof**
- 30 mm roof vegetation
 - 40 mm extensive soil layer
 - Metal profile
 - Geotextile membrane
 - 70mm 15-30 g gravel
 - Drainage layer
 - Mechanical protection layer
 - Synthetic waterproof membrane, resistant to root penetration
 - 200 mm thermal insulation EPS + slope
 - EPS
 - 200 mm thermal insulation EPS
 - Diffusion and vapour barrier membrane
 - 130 mm reinforced concrete slab
 - Gypsum board ceiling

Correct representation of walls, windows, doors, roofs, and floor

Description of each unique envelope assembly (including heterogeneous layers, e.g.: wood/insulation) with their features: manufacturer and product, thickness, thermal conductivity

Dimensions

Scale:
1:50
or
1:100



Graphic identification and external dimensions of the thermal envelope

Graphic identification of the airtight layer

Elevation

Show outdoor and exhaust air vents, grid types, distance from ground

Make sure to show clearly and to name any unheated adjacent rooms accordingly

Show the different type of surfaces (e.g. cladding, stucco etc.)

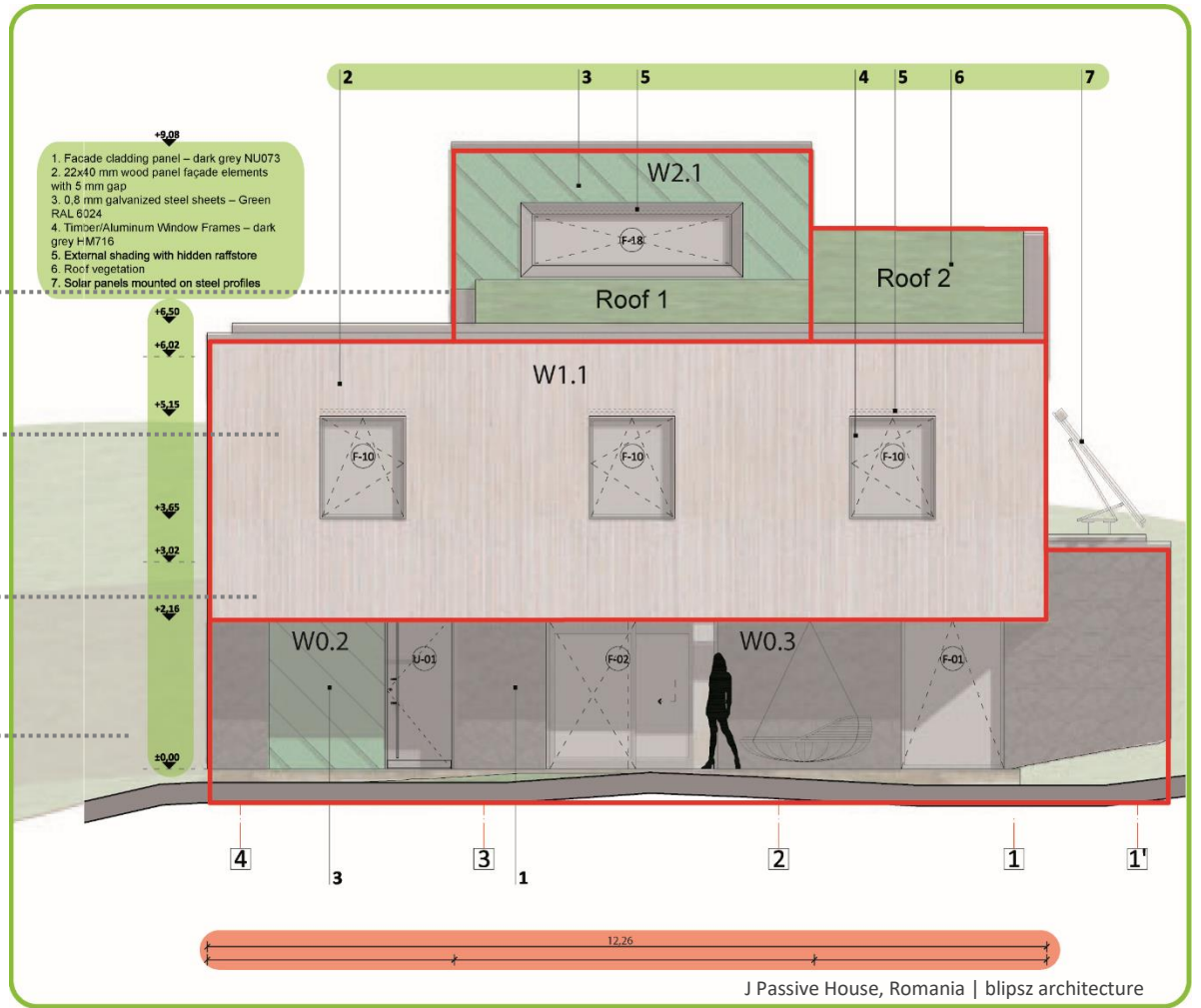
Make sure to name all surfaces and windows using the same naming convention on the drawings, on the window schedule and in the PHPP

Correct representation of walls, windows, and doors

Make sure to show clearly the wall surfaces in contact with the ground as well as the ground line for semi-buried walls

Dimensions

Scale:
1:50
or
1:100



Graphic identification and external dimensions of the thermal envelope

Standard and connection details

Detailed **construction drawings** should be prepared and submitted to the Certifier for **all** assemblies and connections of the building envelope. The thermal bridge details must be easily identifiable in the PHPP.

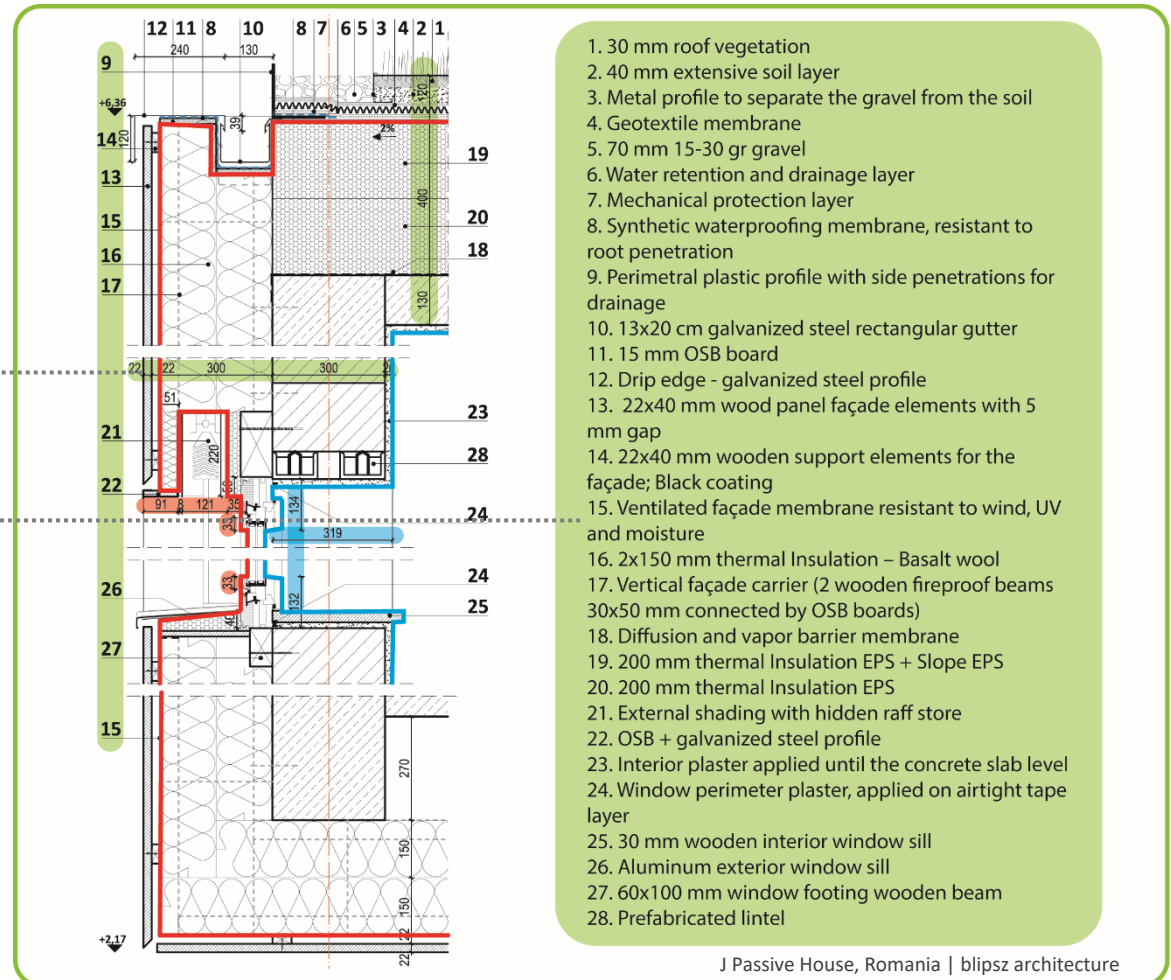
Thickness in mm of heterogeneous layers

Description of each component of the detail (incl. heterogeneous layers), product manufacturer and name, thickness [mm], thermal conductivity

For masonry/concrete materials:
 a| resistance class
 b| reinforcement degree
 c| volume density

Scale:

1:5
 or
 1:10
 or
 1:20



Graphic identification and external dimensions of the thermal envelope

Graphic identification of the airtight layer