

Lageplan  
Maßstab 1:1500

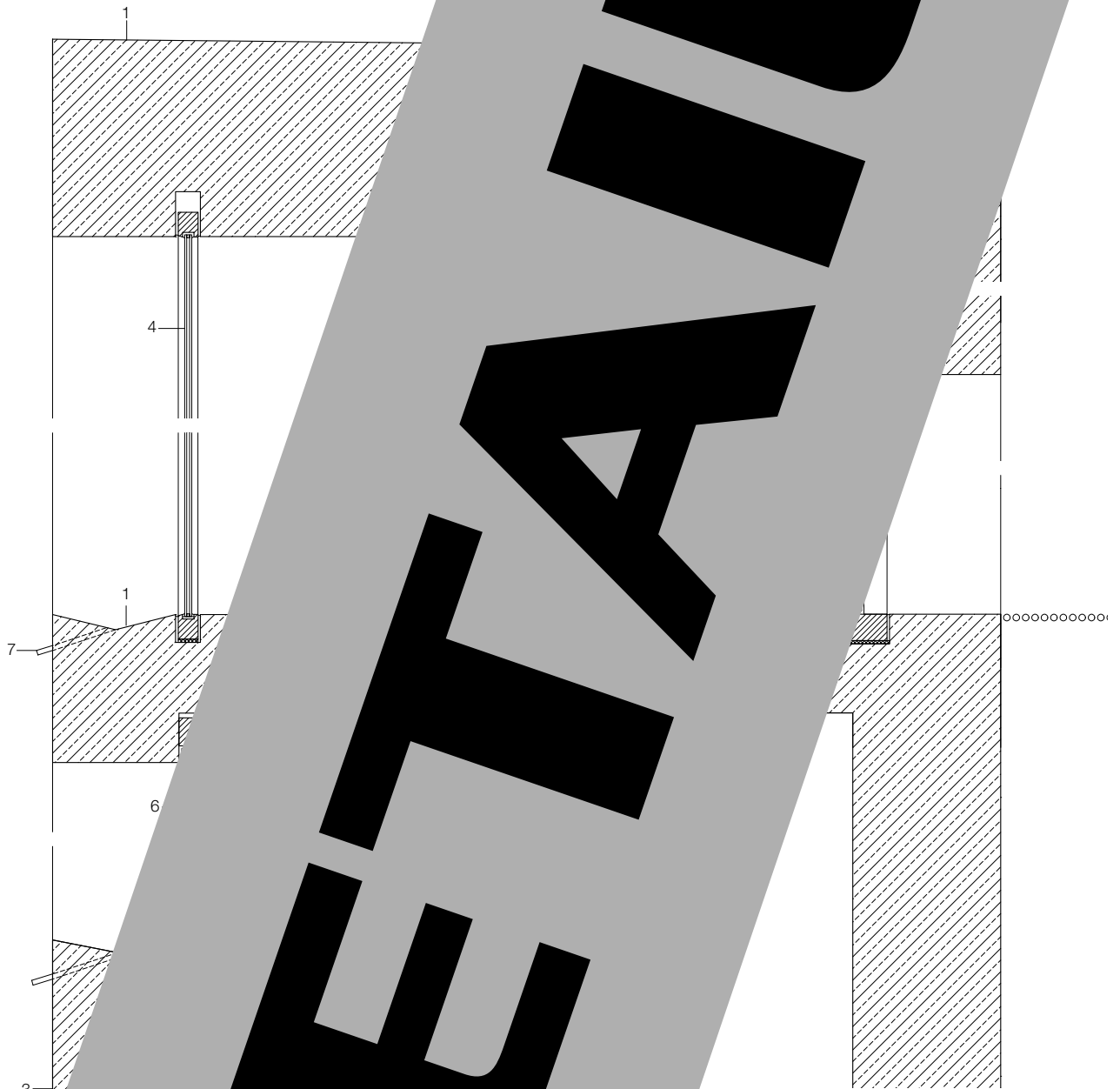
Site plan  
scale 1:1500



High above the slopes of Hochalm, a three-storey detached house is an area subject to a high level of exposure by Bearth and his team. The house unfolds in a series of terraces – from the mature-boc... beyond to the ground level. The garden consists of a series of terraces, each with its own... and a... h...

use of expanded clay. Like the expanded glass pellets are insulating and lightweight. Their shape promotes good flowability and is necessary for controlling undesirable reactions between the glass and the cement in the concrete that could lead to spalling and rust-formation. No surface treatment was applied to the concrete, except for on the roof, where a UV-resistant, permanently elastic coat of plastic-modified cement slurry was applied to prevent moisture penetration. Although this special concrete cost about twice as much as conventional concrete, savings were made in terms of fewer trades on site, a shorter build time and because the outer skin is only a single-layer construction, not double.

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Schnitte Maßstab 1:20

- 1 Abdichtung  
Zweikomponenten-Feinspachtel
- 2 Dämmbeton 600–650 mm  
im Gefälle
- 3 Dämmbeton 450 mm
- 4 Festverglasung  
ESG 12 + SZR 10 + Float 8 mm
- 5 Fußbodenaufbau 2. OG:  
Stahlbeton 300 mm,  
mit Weißzement und hellen  
Zuschlagstoffen,  
Oberfläche geschliffen,  
Fußbodenheizung einbetoniert
- 6 Fenster in Holzrahmen
- 7 Entwässerungsrohr  
Edelstahl Ø 20 mm
- 8 Fußbodenaufbau 1. OG:  
Holzdiele Lärche 30/180 mm  
Lattung 50 mm auf Vlies  
Stahlbeton 220 mm
- 9 Fußbodenaufbau EG:  
Holzdiele Lärche 30/180 mm  
Lattung 50 mm auf Vlies  
Stahlbeton 200 mm  
Wärmedämmung  
Polystyrol 100 mm
- 10 Glasschiebetür in Holzrahmen
- 11 Heizungs- und Medienkanal



Sections scale 1:20

- 1 sealant, 2-component
- stopper
- 2 600–650 mm insul
- to falls
- 3 450 mm insulatin
- 4 fixed glazing: 12
- glass + 10 mm
- float glass
- 5 floor construc
- 300 mm rein
- slab with wh
- pale-colour
- surface-se
- heating c
- 6 timber c
- 7 drainpi
- 8 floor c
- 30 x
- 50 m
- 220
- 9 flo
- 30
- 5
- 10
- 1

