

Flächenberechnung nach der WoFIV:

Projekt: Neubau einer Doppelhaushälfte

Anschrift : Zäher Wille 51, 68305 Mannheim

Bauherr :

Architekt : Dipl.- Ing. Jan Mekelburg, Architekt AKN
Zwevegger Str. 2, 64653 Lorsch

Du./WC	$(1.43 \times 3.13 - 0.015 \times (1.43 + 1.43)) \times 0.5 + 0.87 \times 3.13 + 0.315 \times 2.01 - 0.015 \times (2.01 + 0.315 + 1.13 + 0.87 + 1.18)$	=	5.49 m ²
Schlafen	$(1.43 \times 5.95 - 0.015 \times (1.43 + 1.43)) \times 0.5 + 1.92 \times 5.95 + 0.625 \times 2.7 - 0.015 \times (3.25 + 0.625 + 2.7 + 2.55 + 1.92) + 1.01 \times 0.24$	=	17.44 m ²
Empore	$1.13 \times 2.25 - 0.015 \times (1.13 + 1.13 + 2.25)$	=	2.49 m ²
Abst.R./ Technik	$(2.7 \times 1.43 - 0.015 \times (1.43 + 1.43)) \times 0.5 + 2.7 \times 2.92 - 0.015 \times (2.92 + 2.7 + 2.92) + 1.01 \times 0.24$	=	9.92 m ²
Empore	$3.13 \times 2.25 - 2.25 \times 2 - (0.015 \times (4 \times 2.25 + 2 \times 3.13 + 2 \times 2))$	=	2.26 m ²
Kind 3	$4.45 \times 2.7 - (0.015 \times (2 \times 2.7 + 2 \times 4.45)) + 1.01 \times 0.24$	=	12.05 m ²
Bad	$2.12 \times 3.27 + 1.01 \times 2.96 - (0.015 \times (1 \times 0.315 + 1 \times 1.01 + 1 \times 2.96 + 1 \times 3.13 + 1 \times 3.27 + 1 \times 2.12)) + 1.01 \times 0.24$	=	9.98 m ²
Kind 1	$3.13 \times 4.01 - (0.015 \times (2 \times 4.01 + 2 \times 3.13)) + 1.01 \times 0.24$	=	12.60 m ²
Kind 2	$2.7 \times 5.19 - (0.015 \times (2 \times 5.19 + 2 \times 2.7)) + 1.01 \times 0.24$	=	14.03 m ²
Entre´	$1.38 \times 3.27 - \frac{1}{2} \times 0.805 \times 1 - (0.015 \times (1 \times 2.47 + 1 \times 0.382 + 1 \times 3.27 + 1 \times 1.38))$	=	4.01 m ²
HAR	$2.83 \times 1.51 - (0.015 \times (2 \times 1.51 + 2 \times 2.83))$	=	4.14 m ²
WC	$1.51 \times 1.13 - (0.015 \times (2 \times 1.13 + 2 \times 1.51))$	=	1.63 m ²
Wohnen/ Essen/ Kochen	$(1.49) \times 0.5 + \frac{1}{2} \times 1 \times 0.805 + 6.49 \times 1 + 2.94 \times 7.29 + 0.84 \times 2.83 + 2 \times 2.25 + 2 \times 4.01 - (\frac{1}{2} \times 1.05 \times 0.00406 + 0.955 \times 1.05 + \frac{1}{2} \times 0.00406 \times 1.05 + 0.955 \times 1.05 + 1.05 \times 2.25) - (0.015 \times (1 \times 5.95 + 1 \times 4.01 + 5 \times 2 + 3 \times 0.115 + 2 \times 2.25 + 1 \times 0.84 + 1 \times 2.83 + 1 \times 8.14 + 2 \times 1.05 + 2 \times 0.955 + 1 \times 0.16)) + 1.79 \times 1.05 - \frac{1}{2} \times 1.2 \times 1.05 + 1.01 \times 0.24 + 1.01 \times 0.24 + 4.01 \times 0.24$	=	41.77 m ²
Abst.R.	$2.02 \times 1.51 - (0.015 \times (2 \times 1.51 + 2 \times 2.02))$	=	2.94 m ²

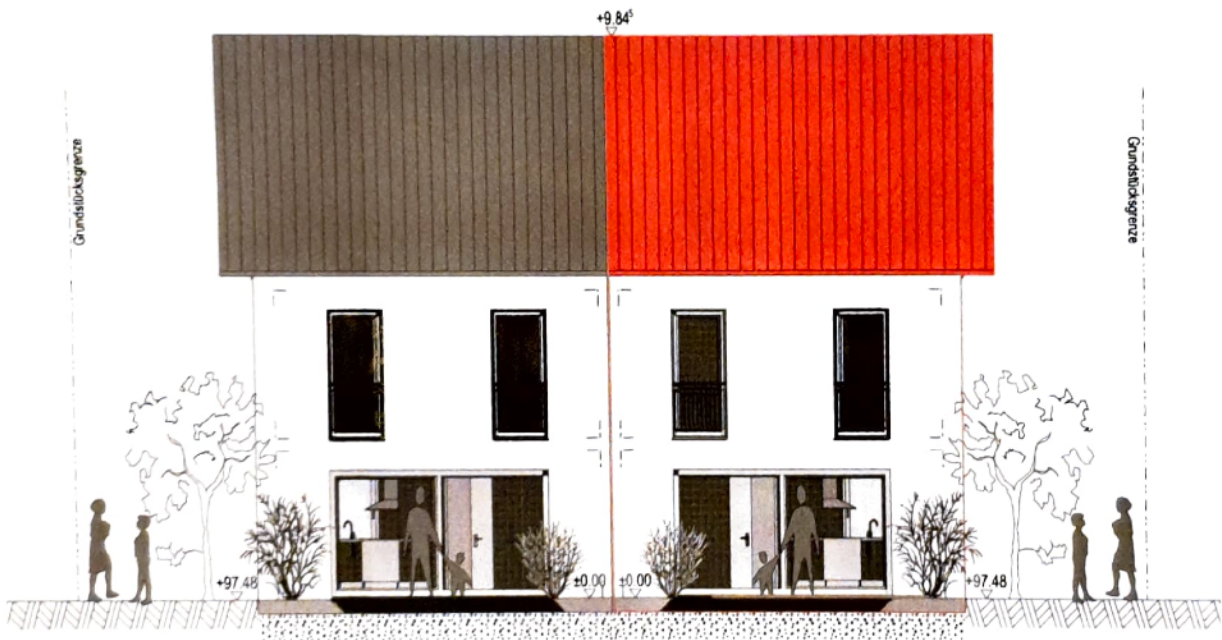
Gesamte Wohnfläche:

Gesamte Wohnfläche = 140.76 m²

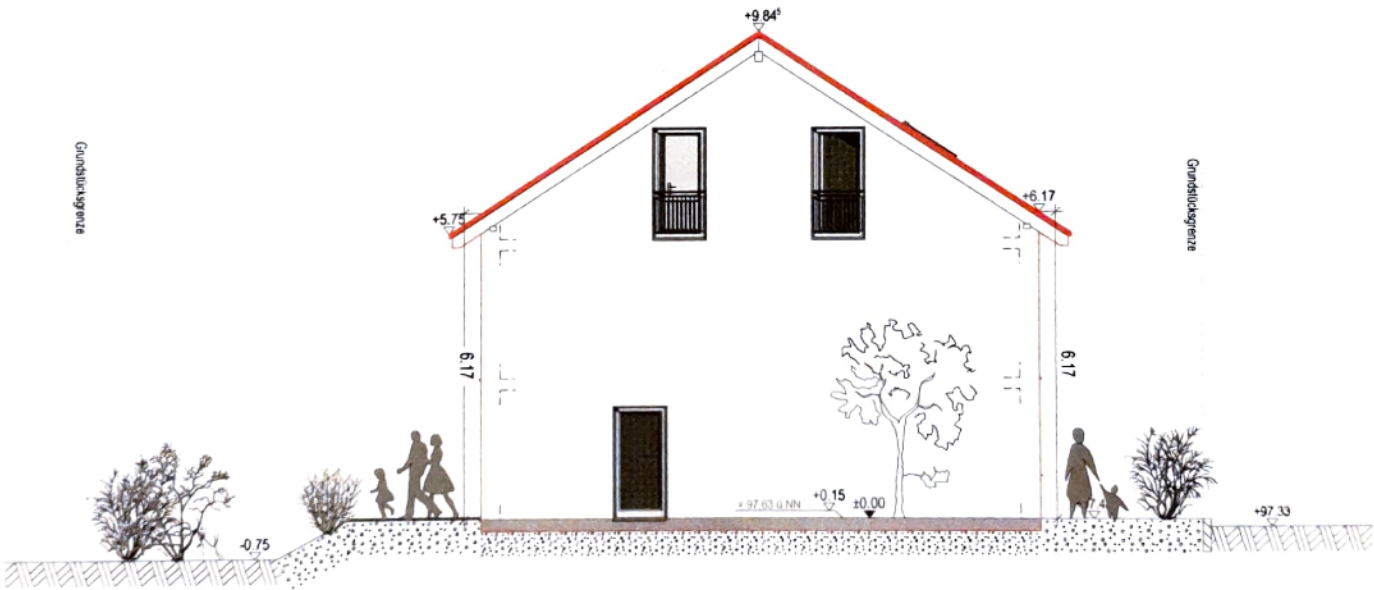
Ansicht Nordwest
M 1:100



Ansicht Südost
M 1:100



Ansicht Nordost
M 1:100



Schnitt A-A
M 1:100

