

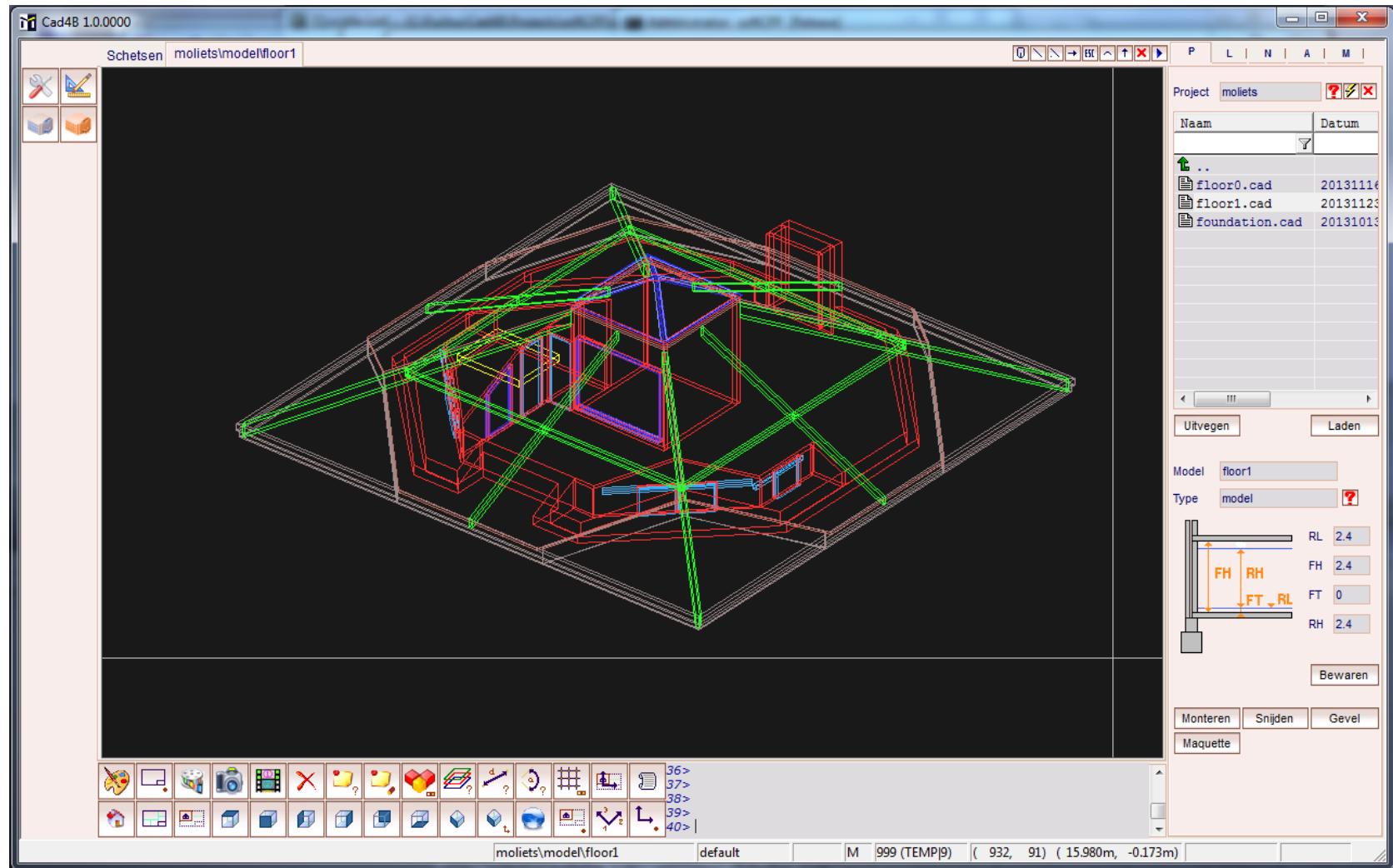


Introduction to Cad4B software

DOMUS-M



User interface



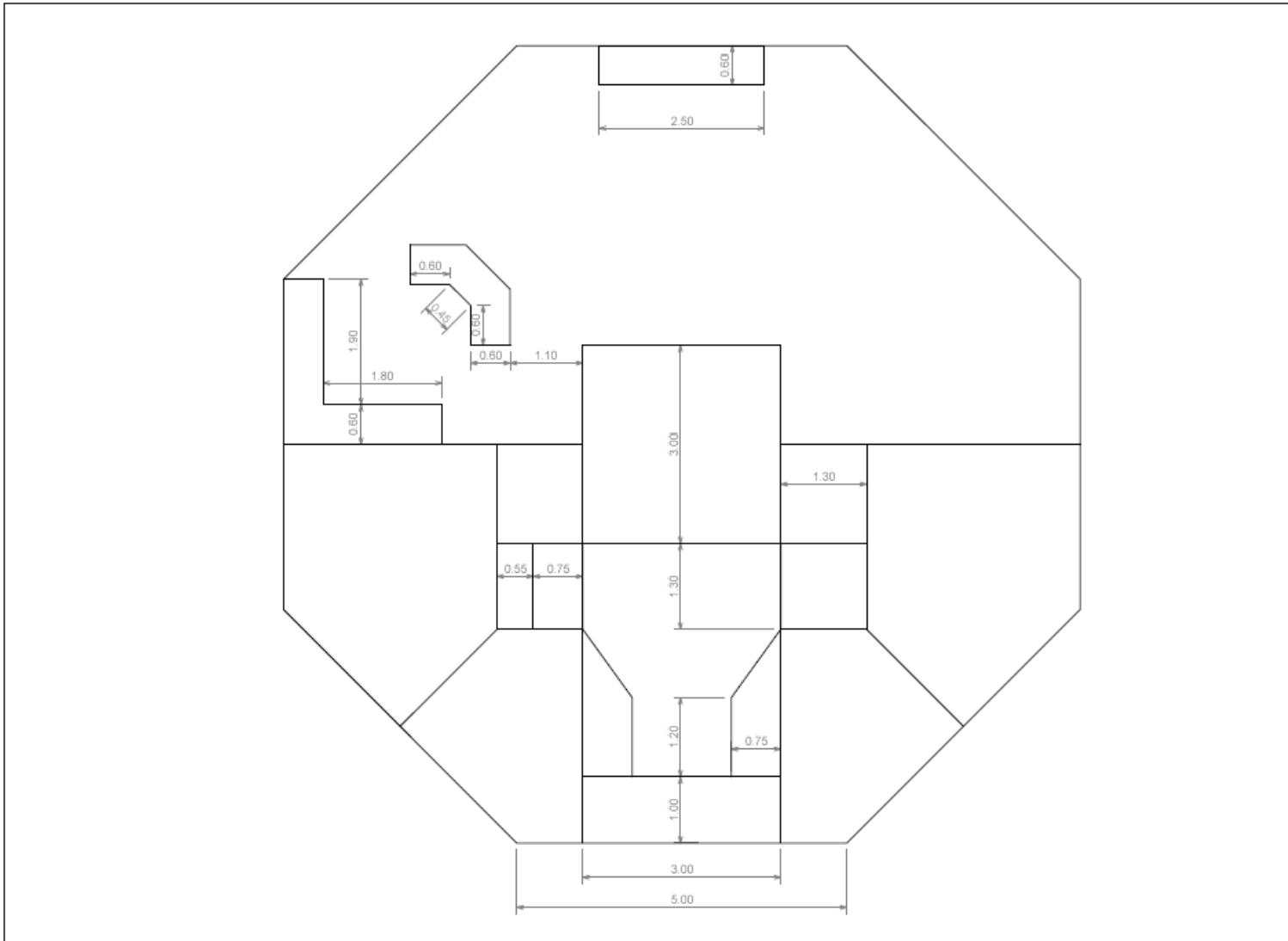


Sample: holiday home in Moliets, France



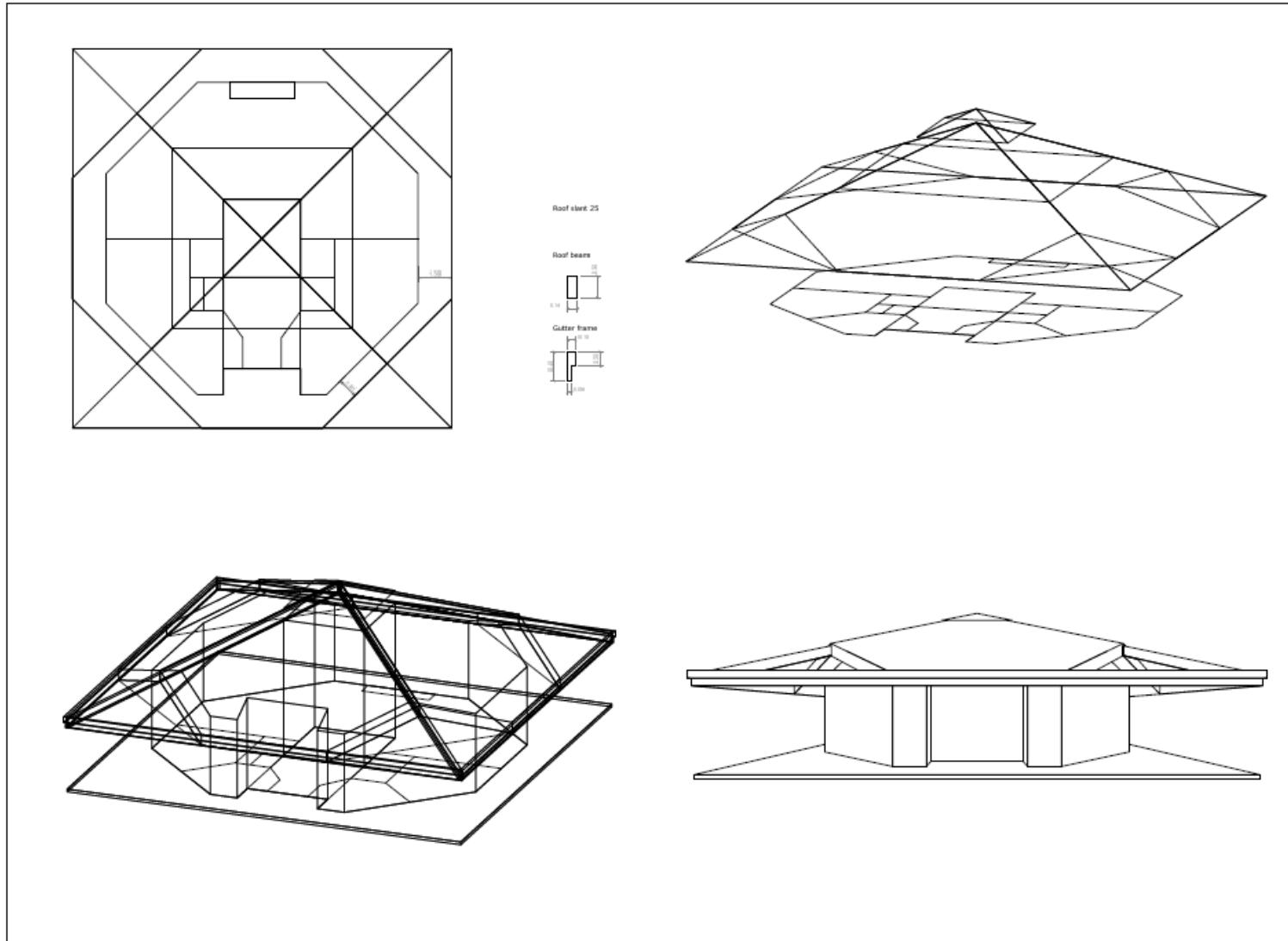


2D sketch of ground floor



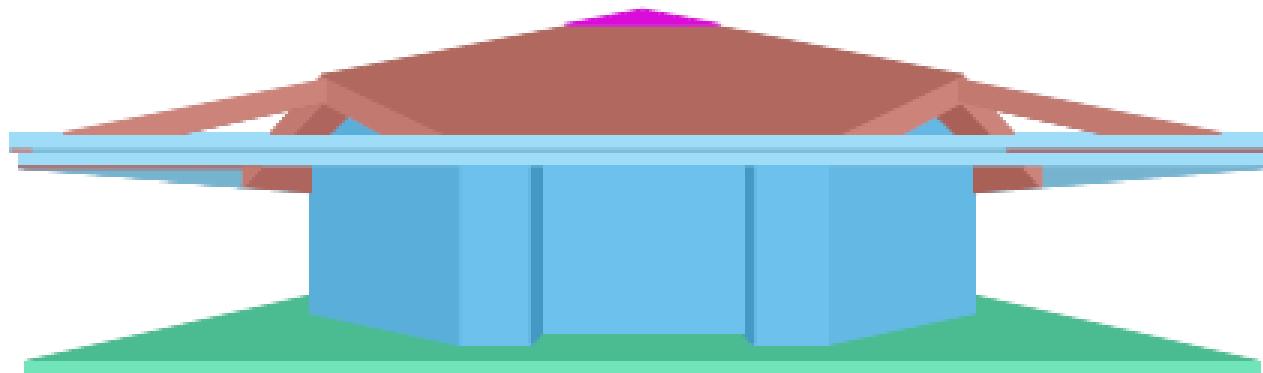


3D sketch



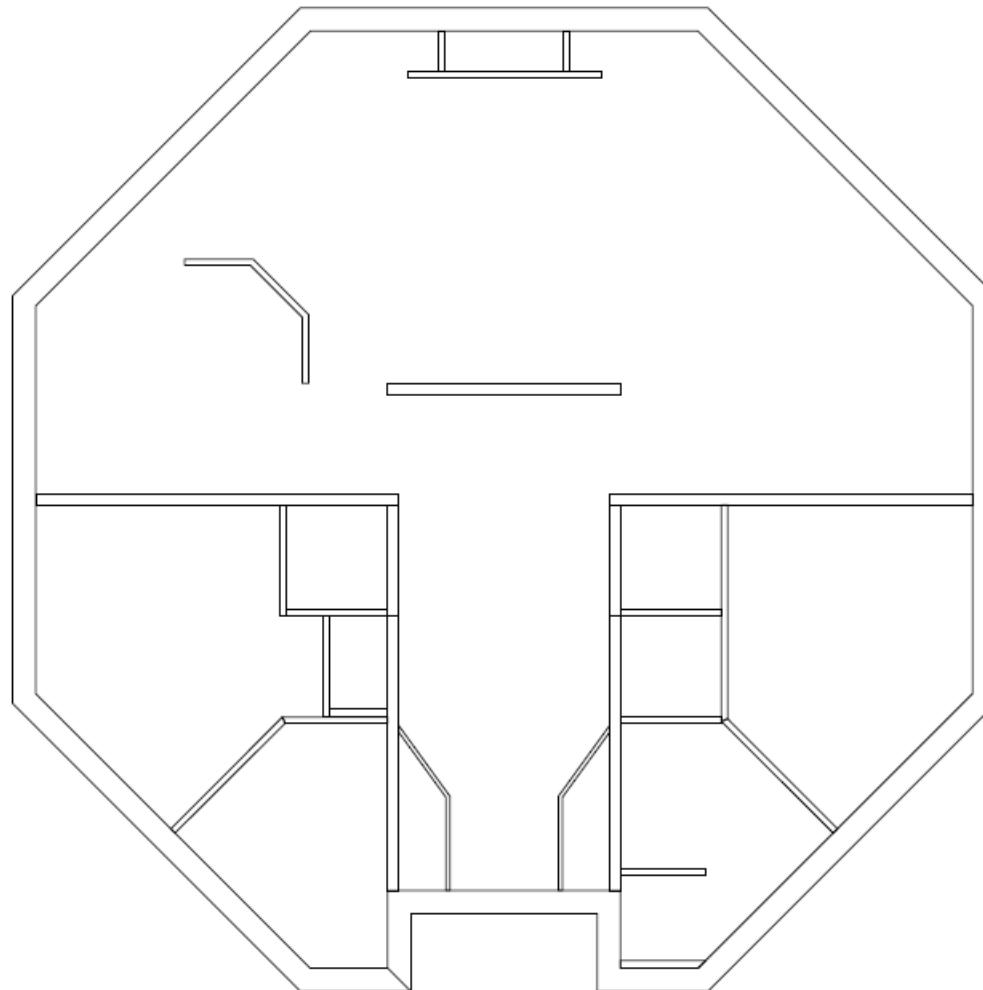


Shade of sketch volume



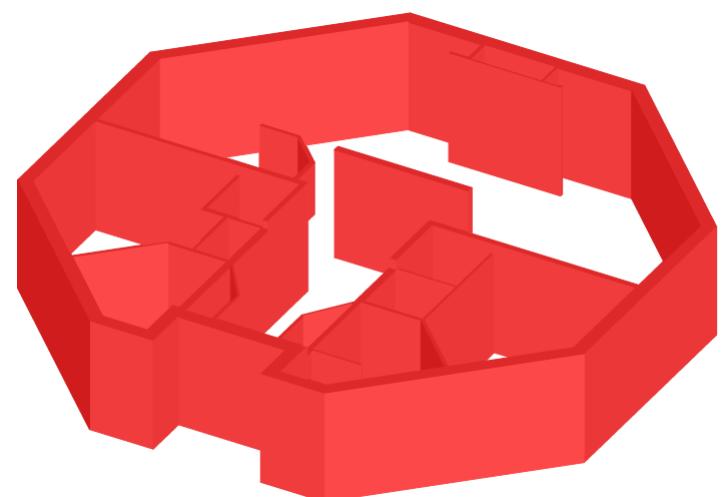
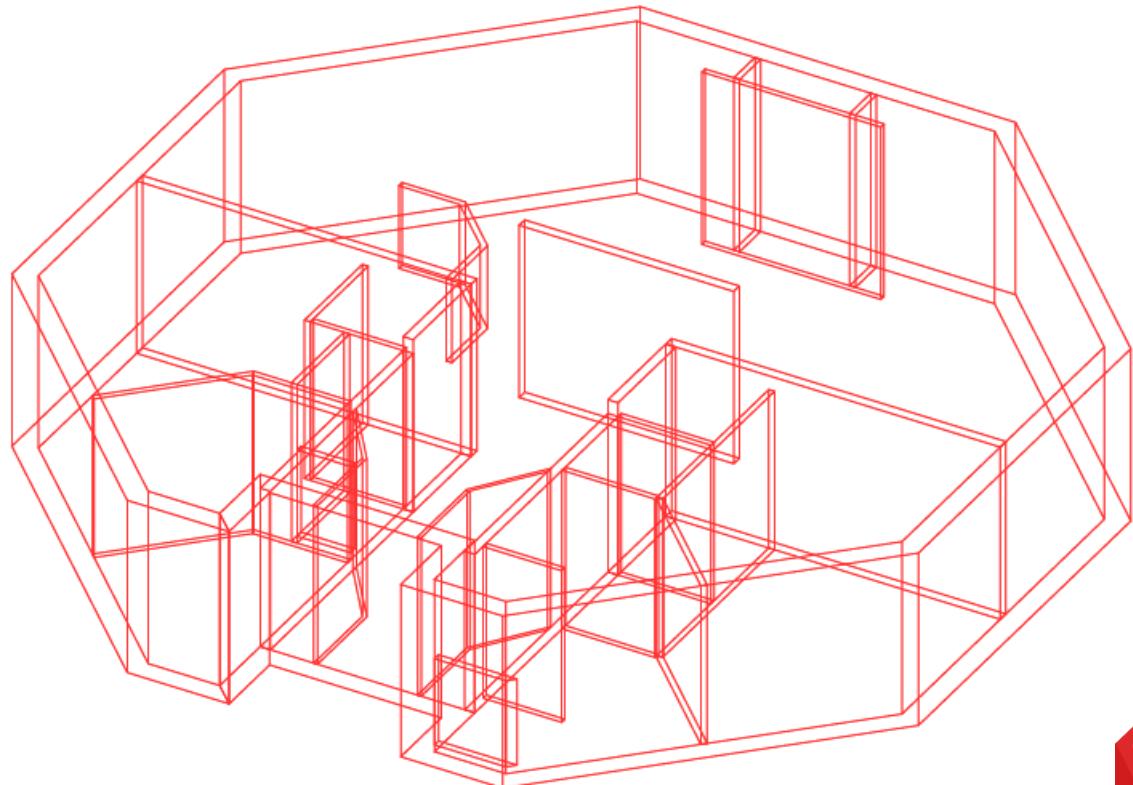


Ground floor: walls



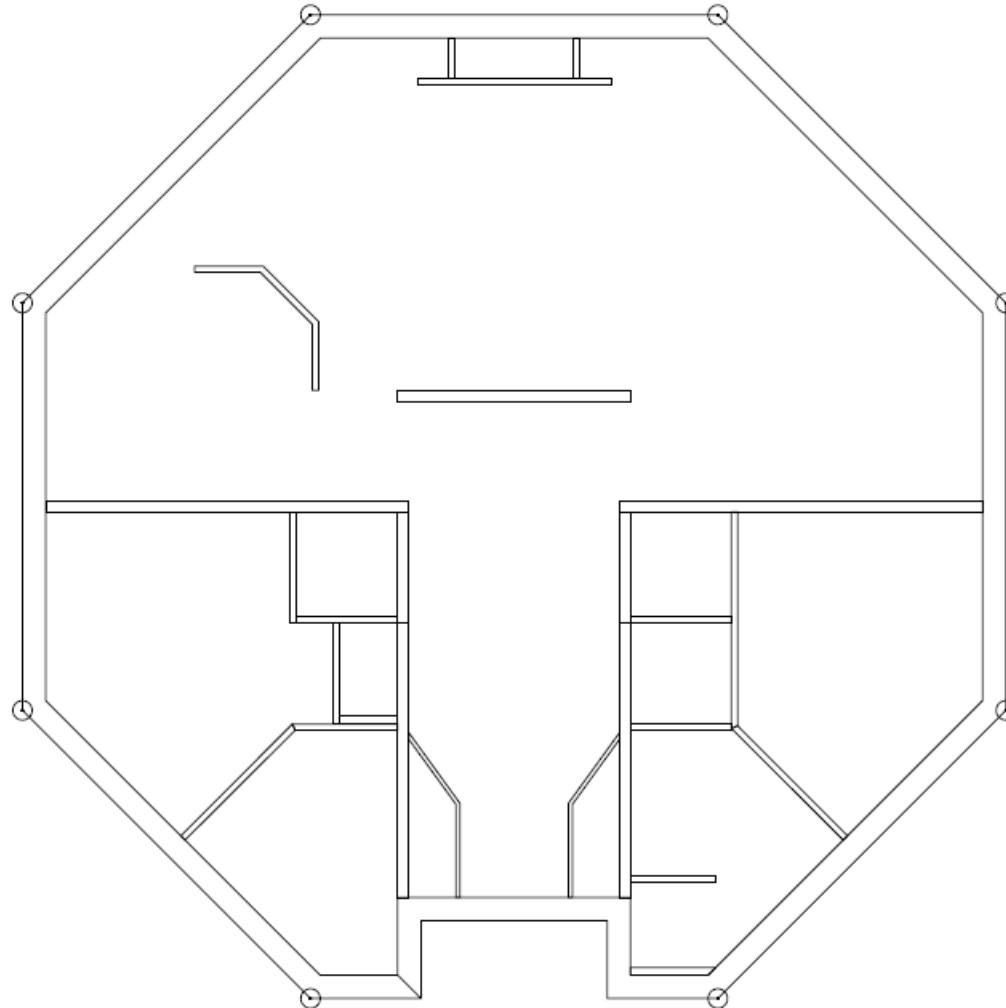


Ground floor: walls in 3D



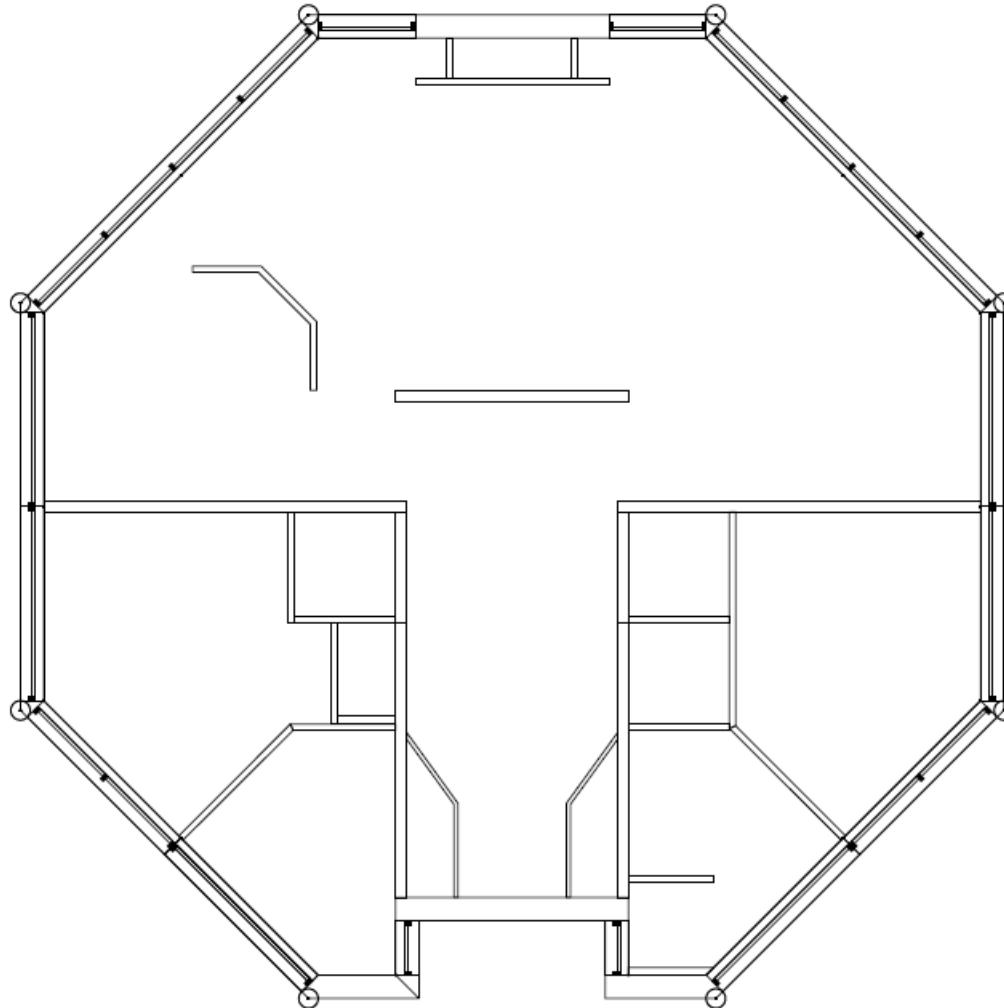


Ground floor: + columns



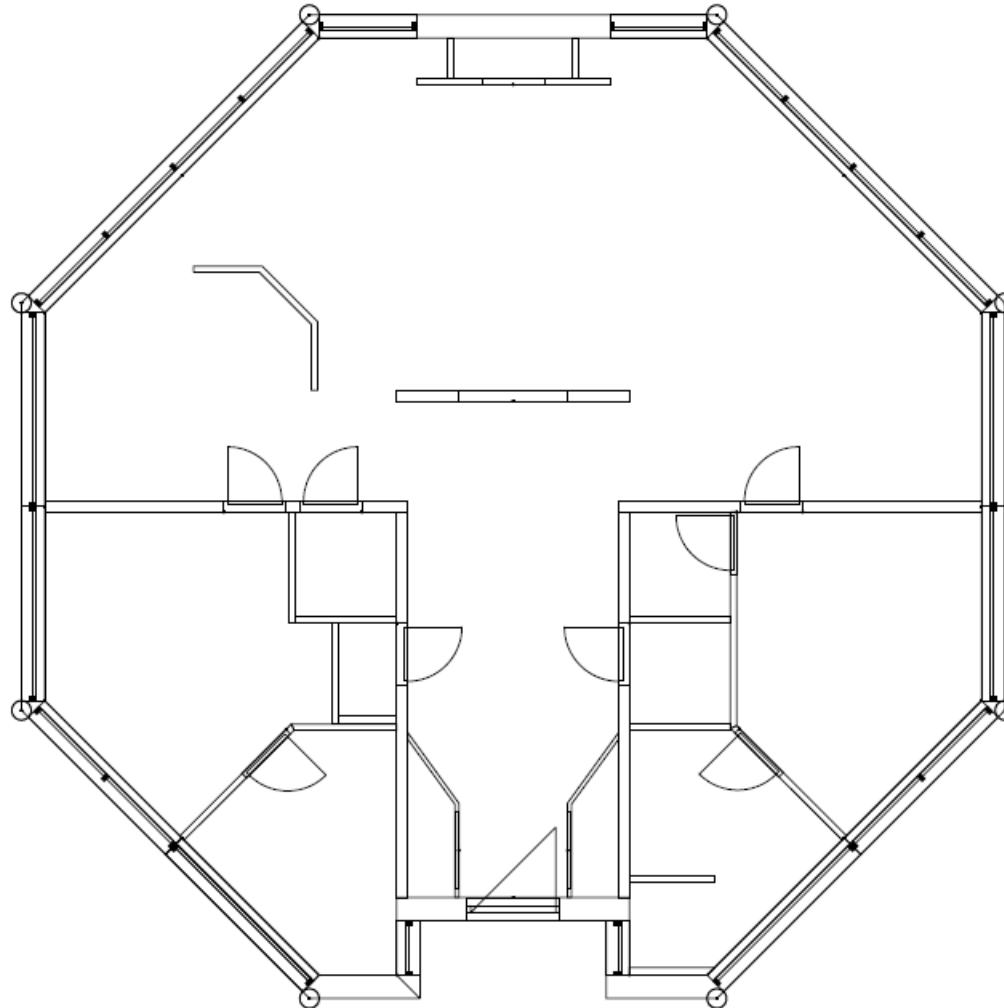


Ground floor: + windows



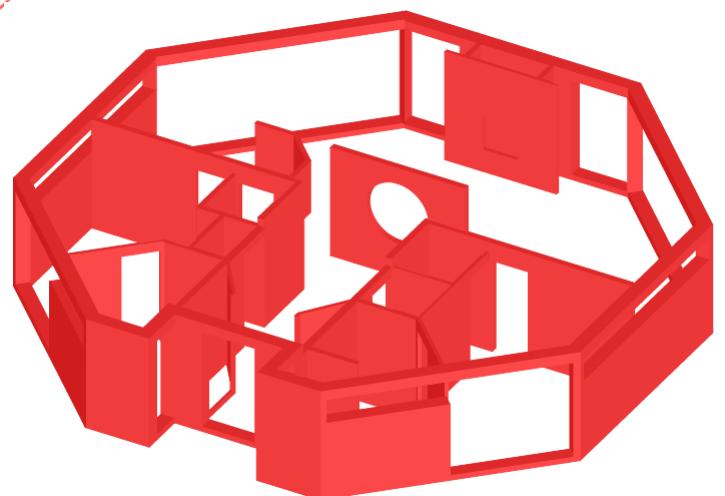
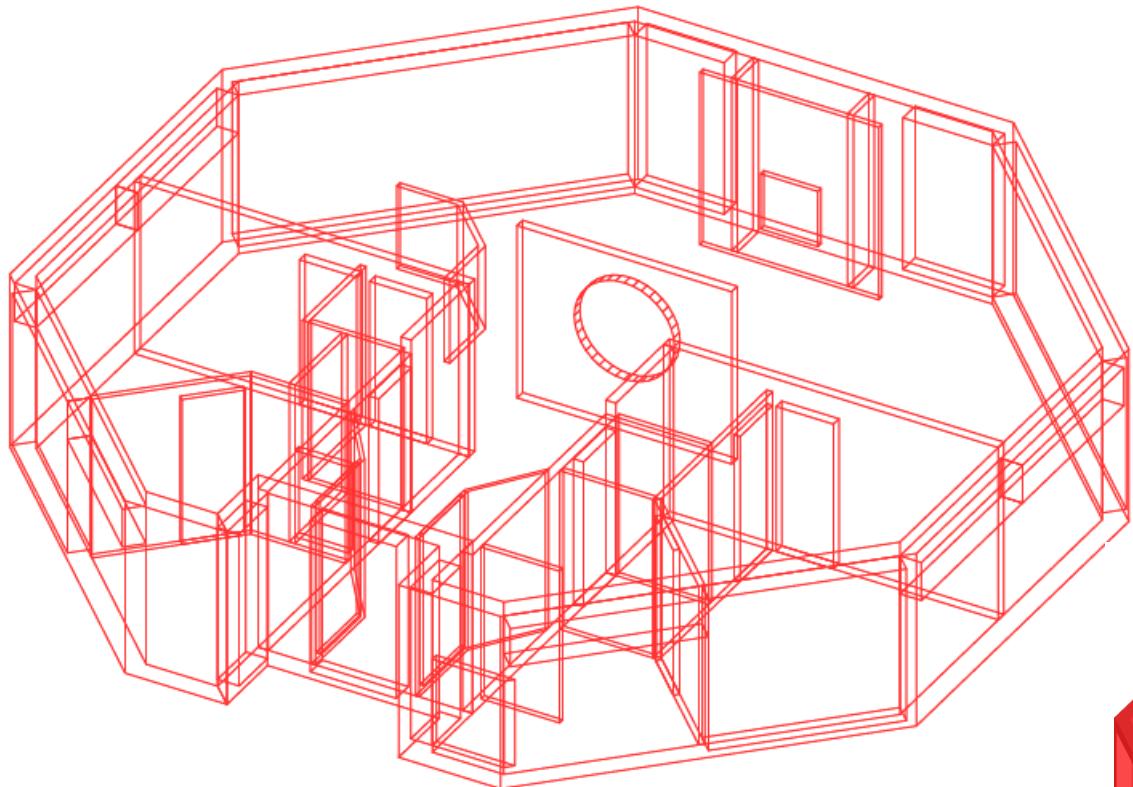


Ground floor: + doors



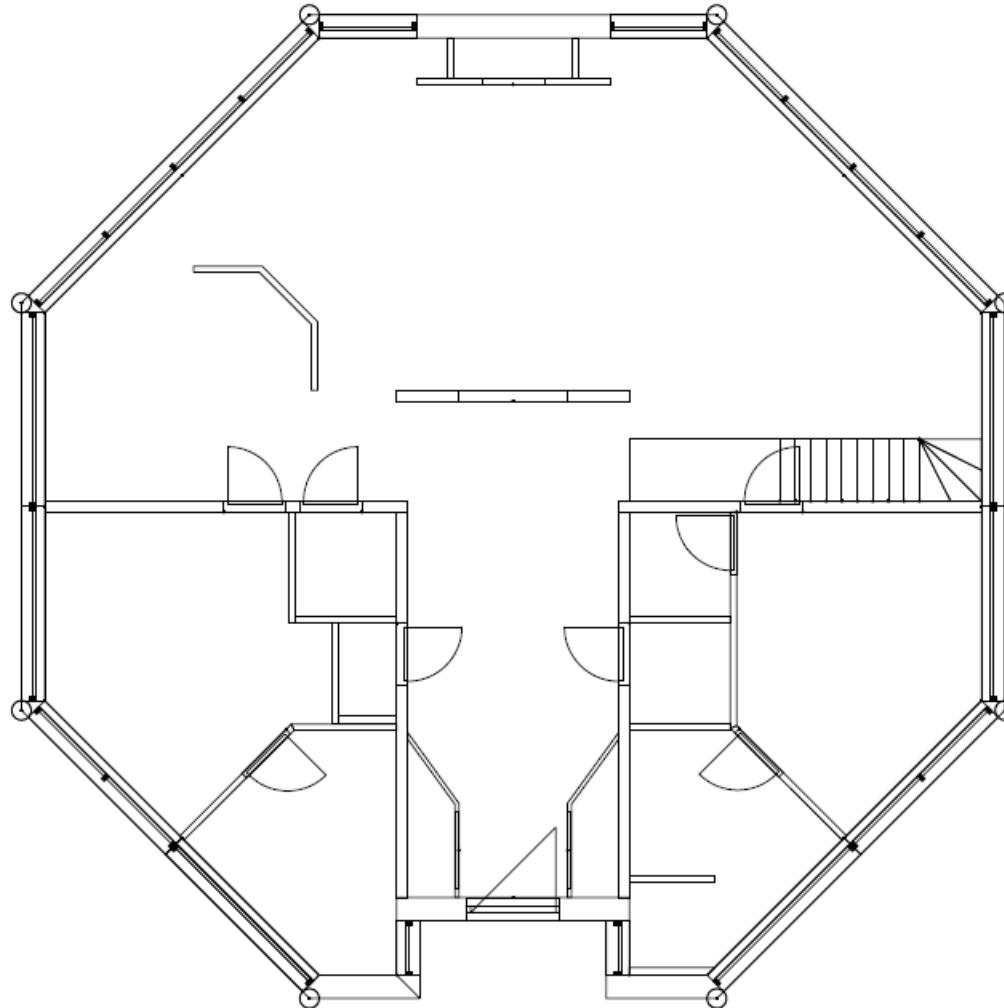


Ground floor: walls – holes in 3D



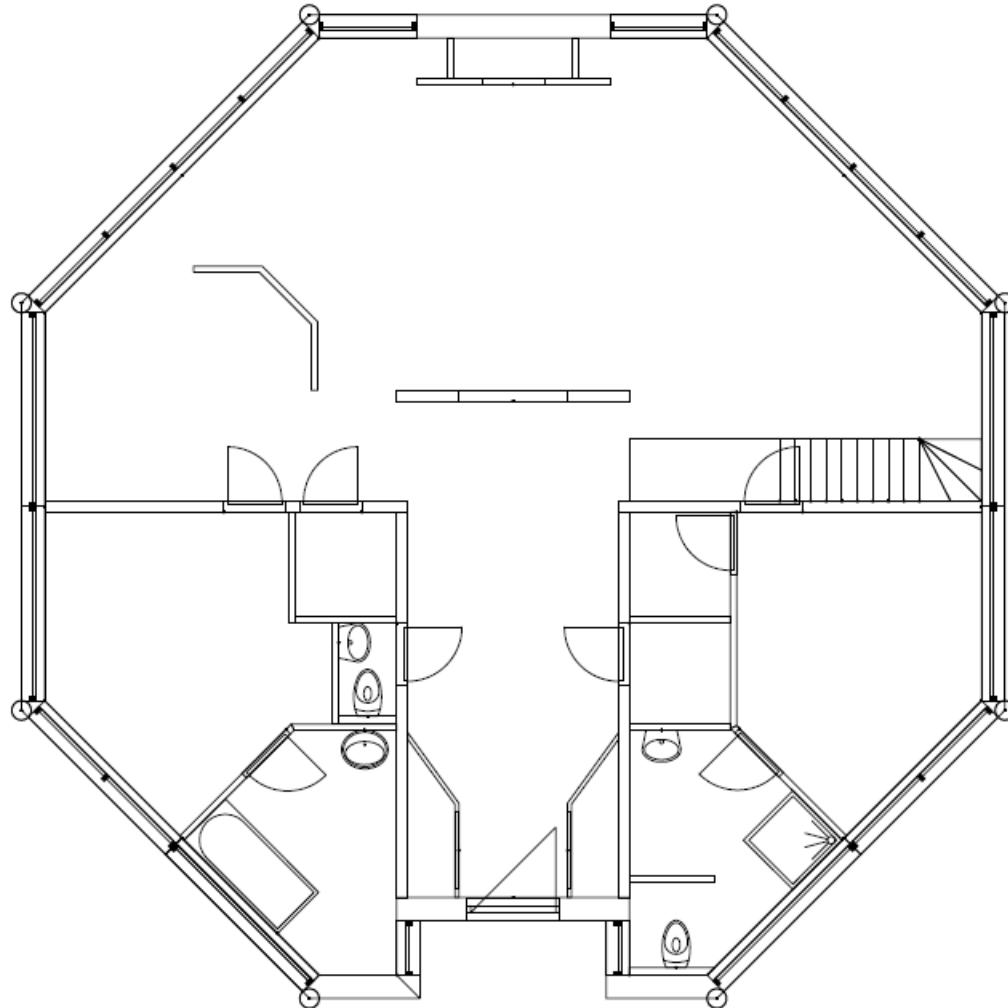


Ground floor: + staircase



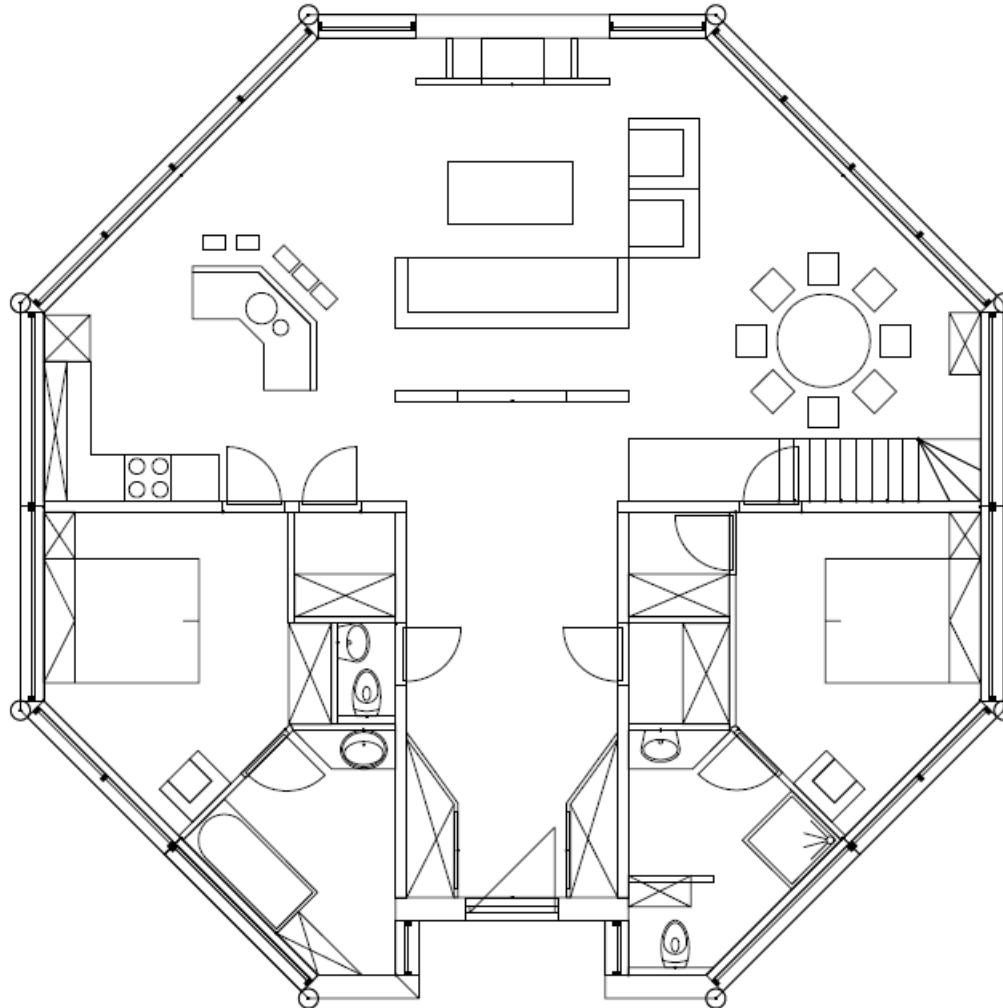


Ground floor: + sanitary devices



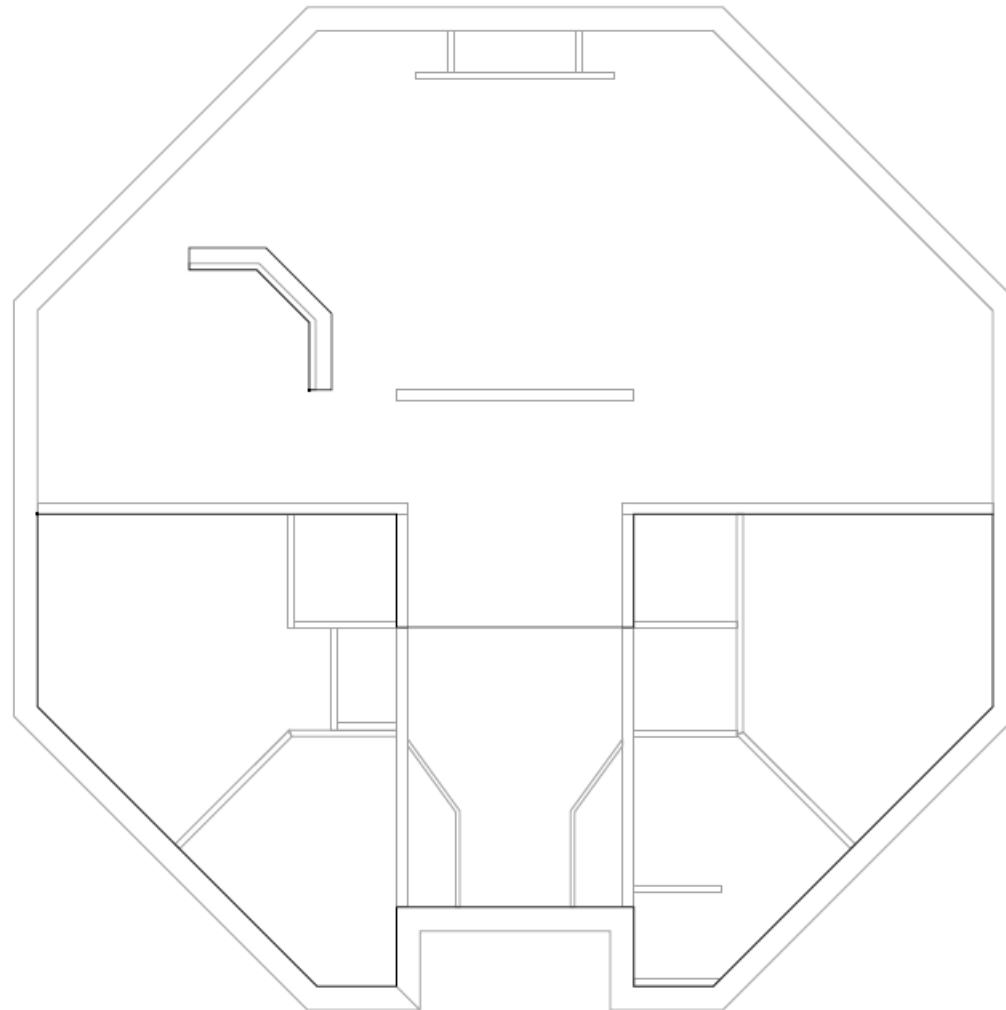


Ground floor: + furniture



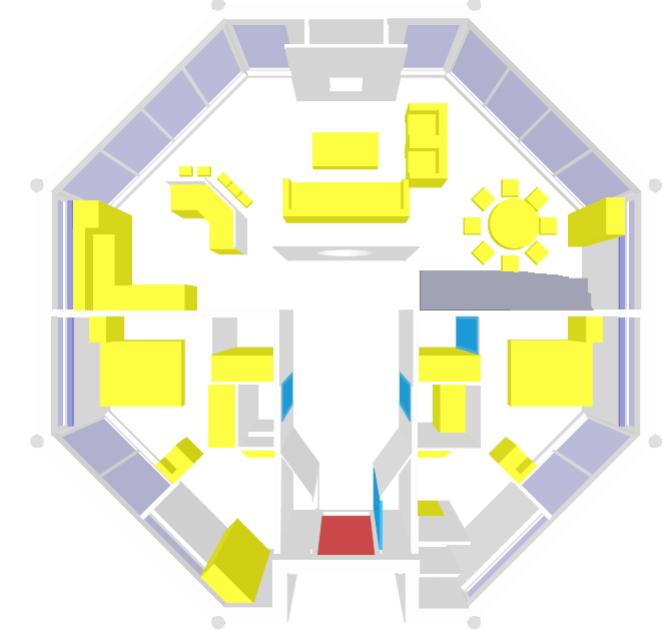
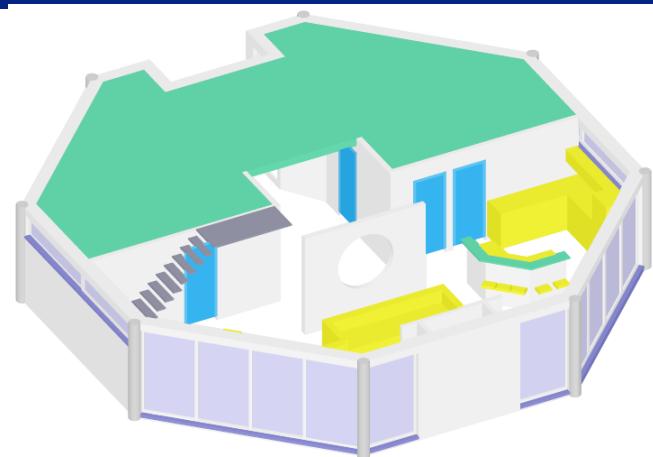
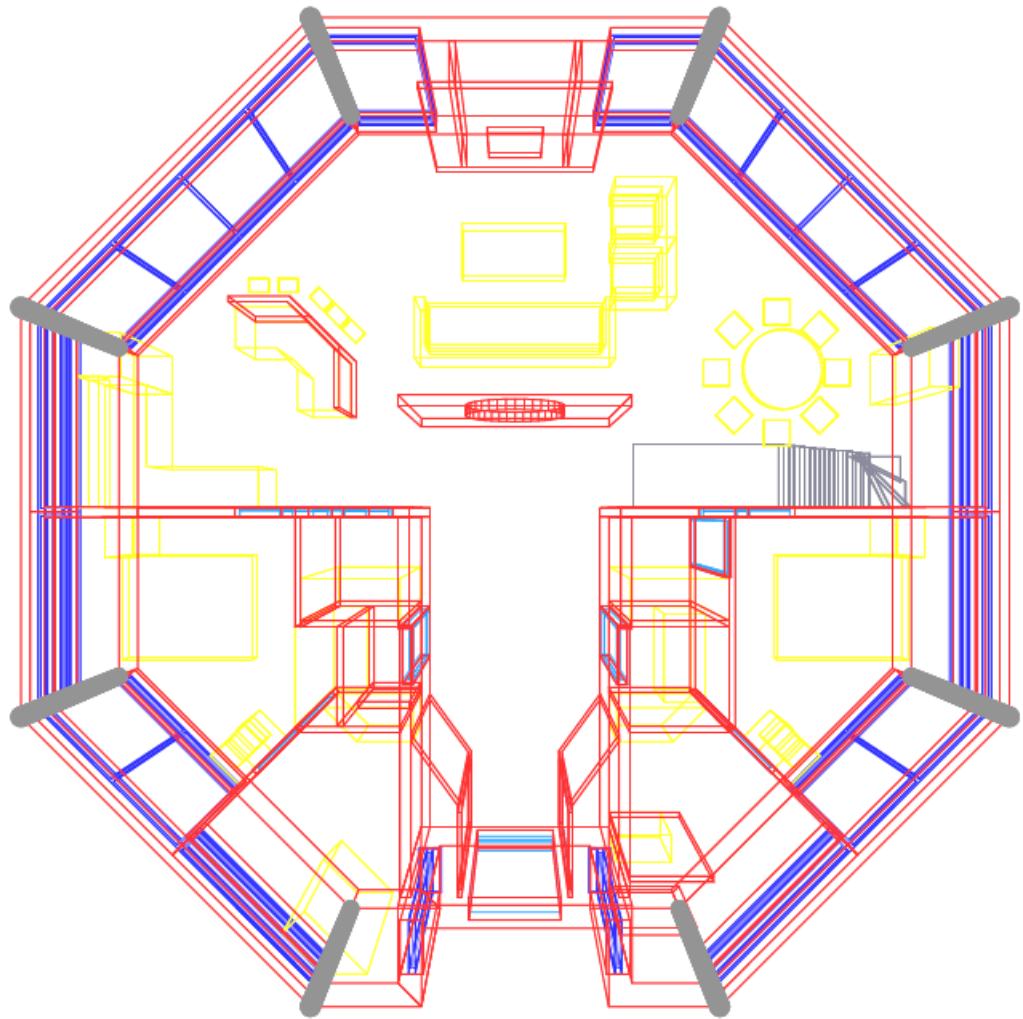


Ground floor: + slab



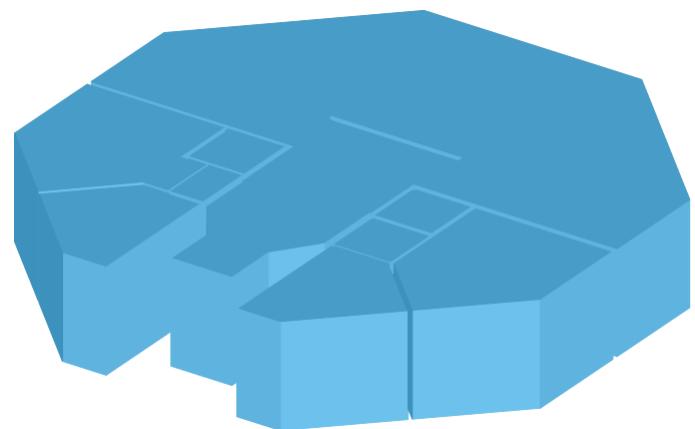
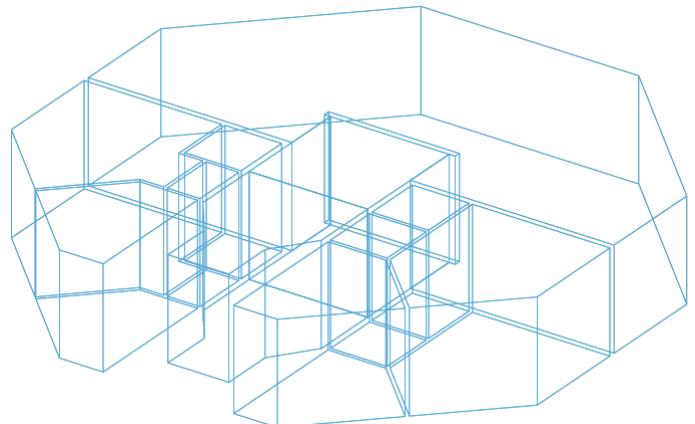
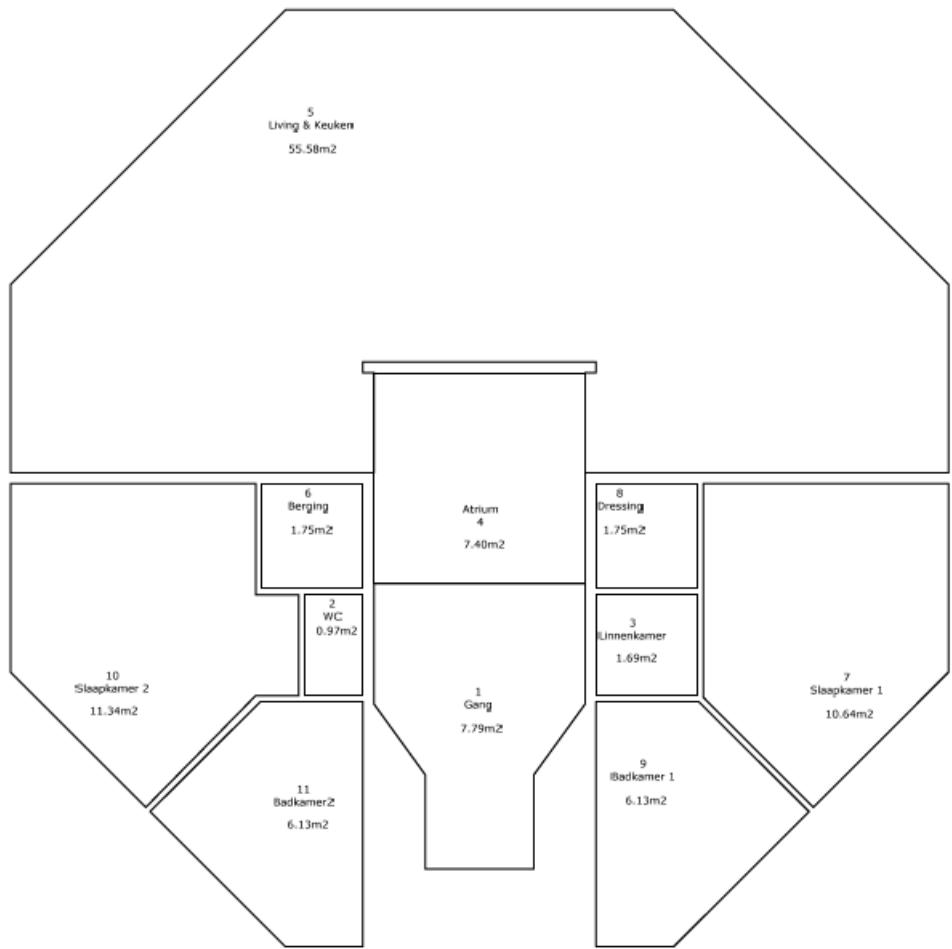


Ground floor: 3D



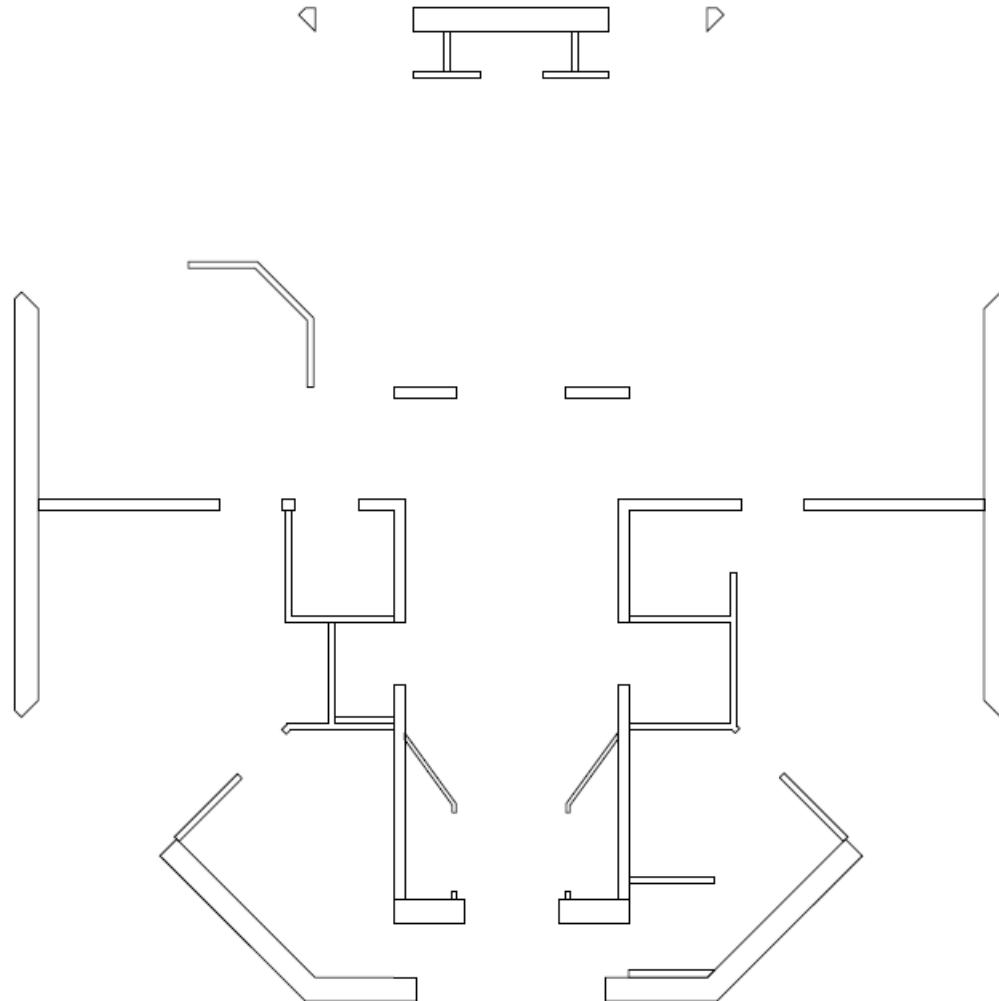


Ground floor: Rooms



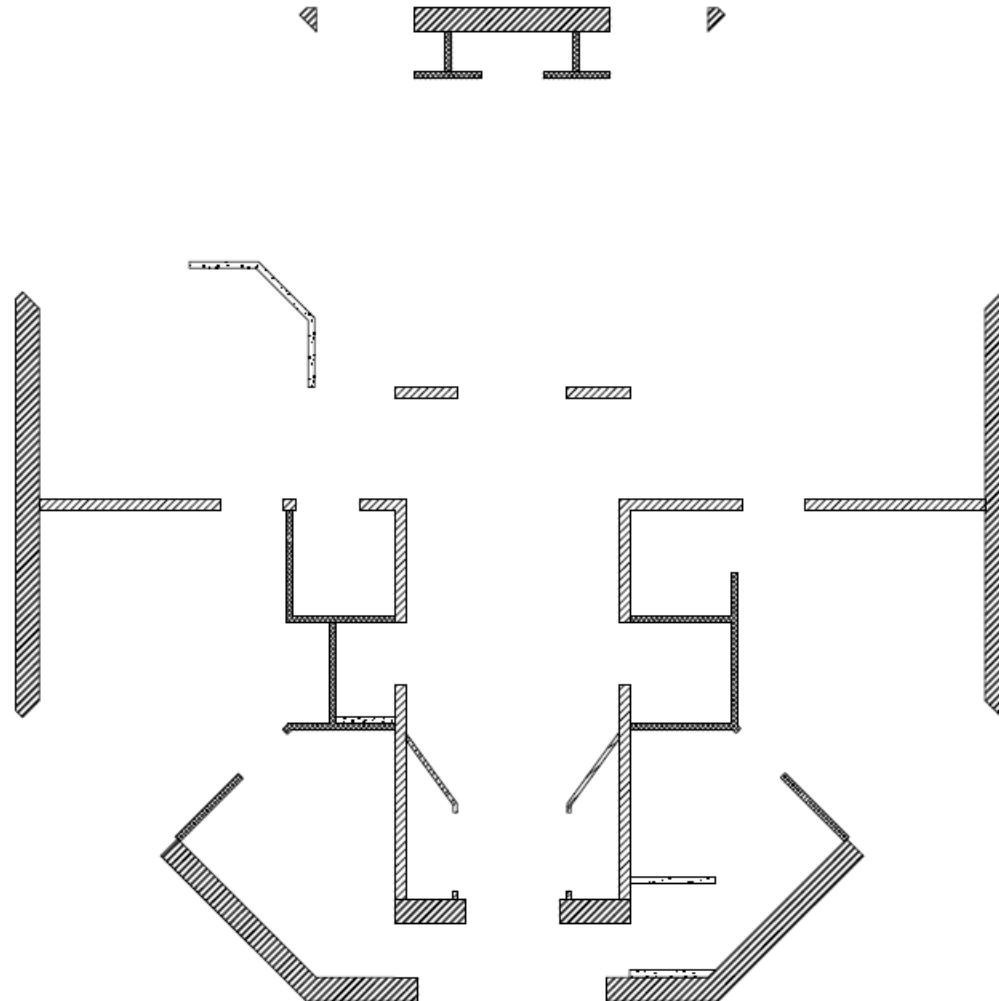


Ground floor: 2D walls



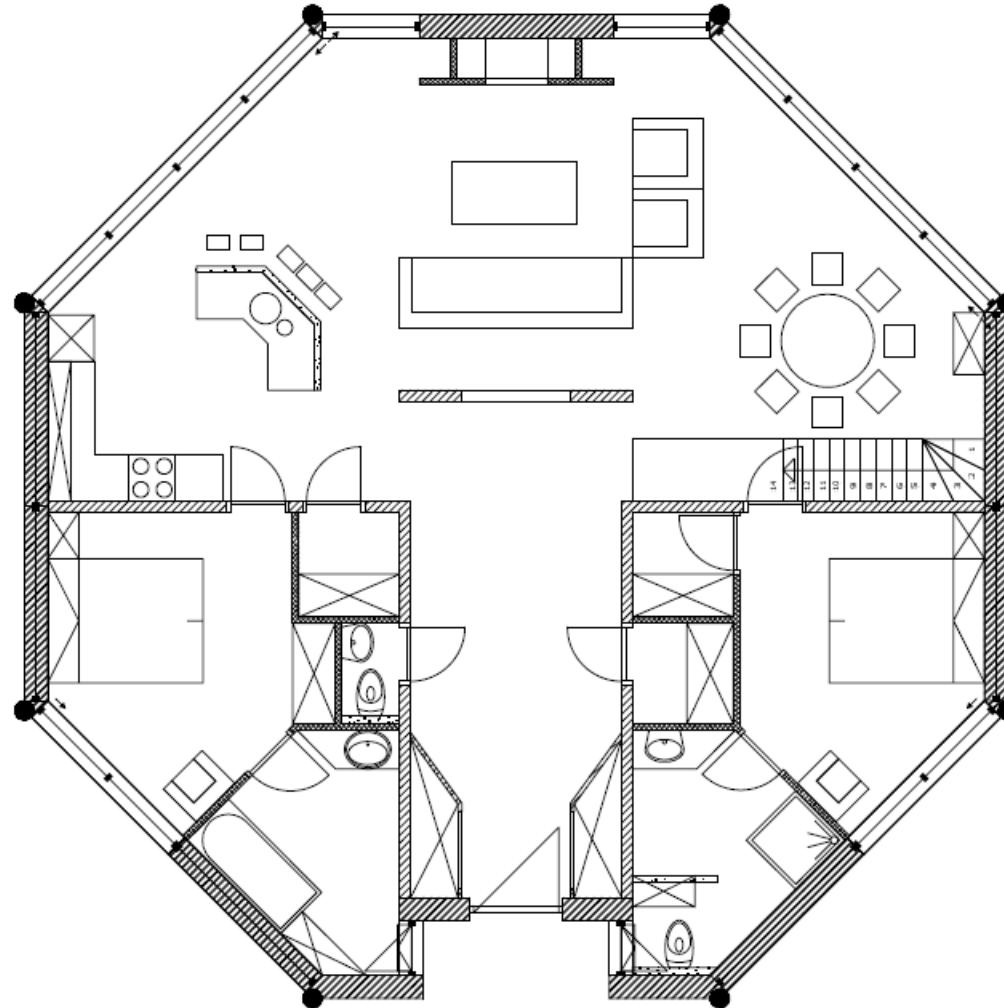


Ground floor: 2D walls + hatch

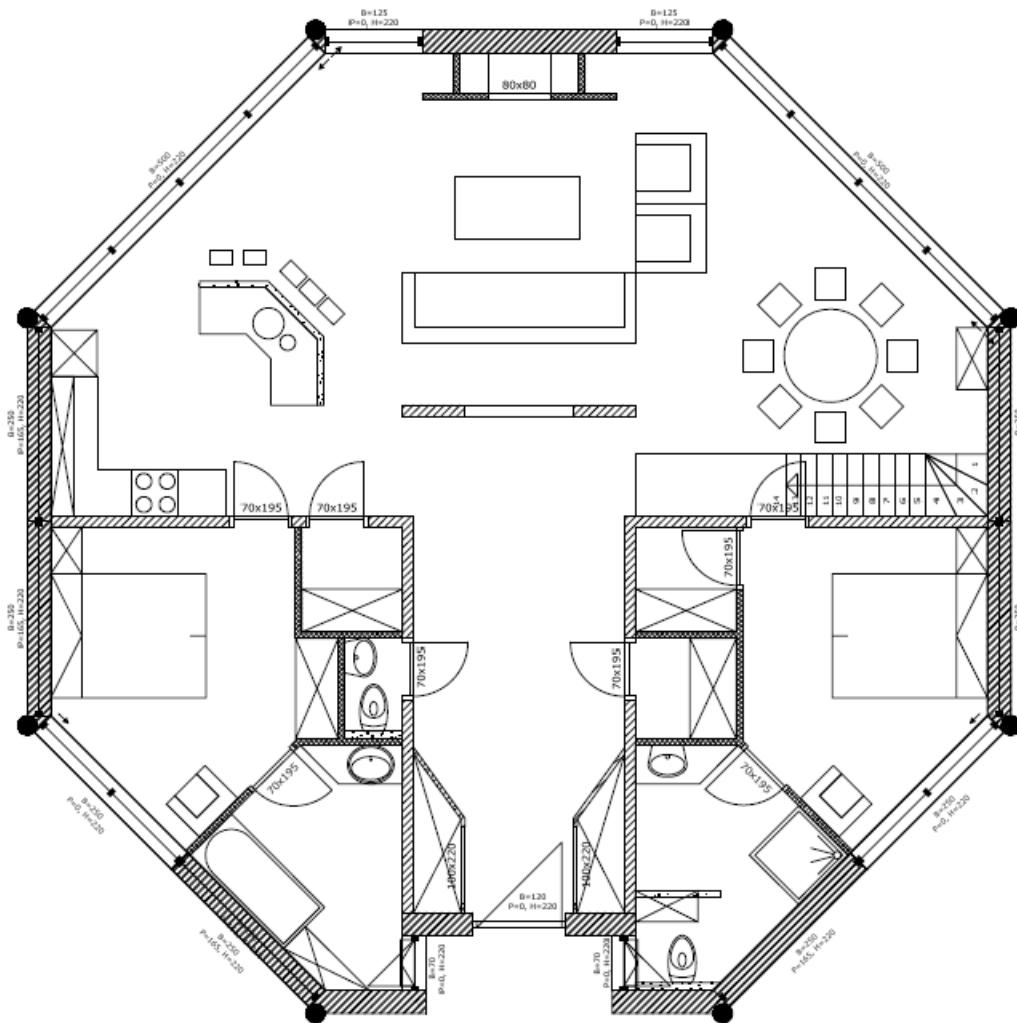




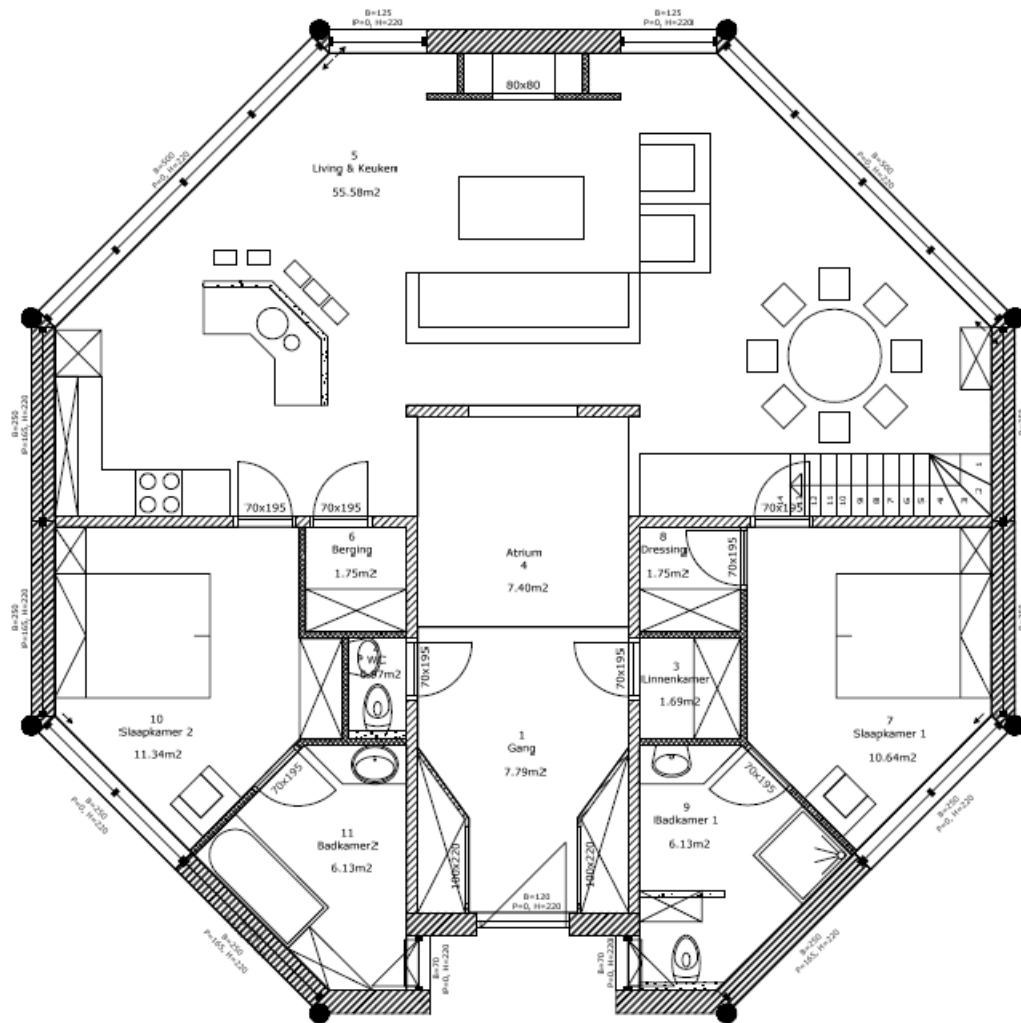
Ground floor: 2D base model



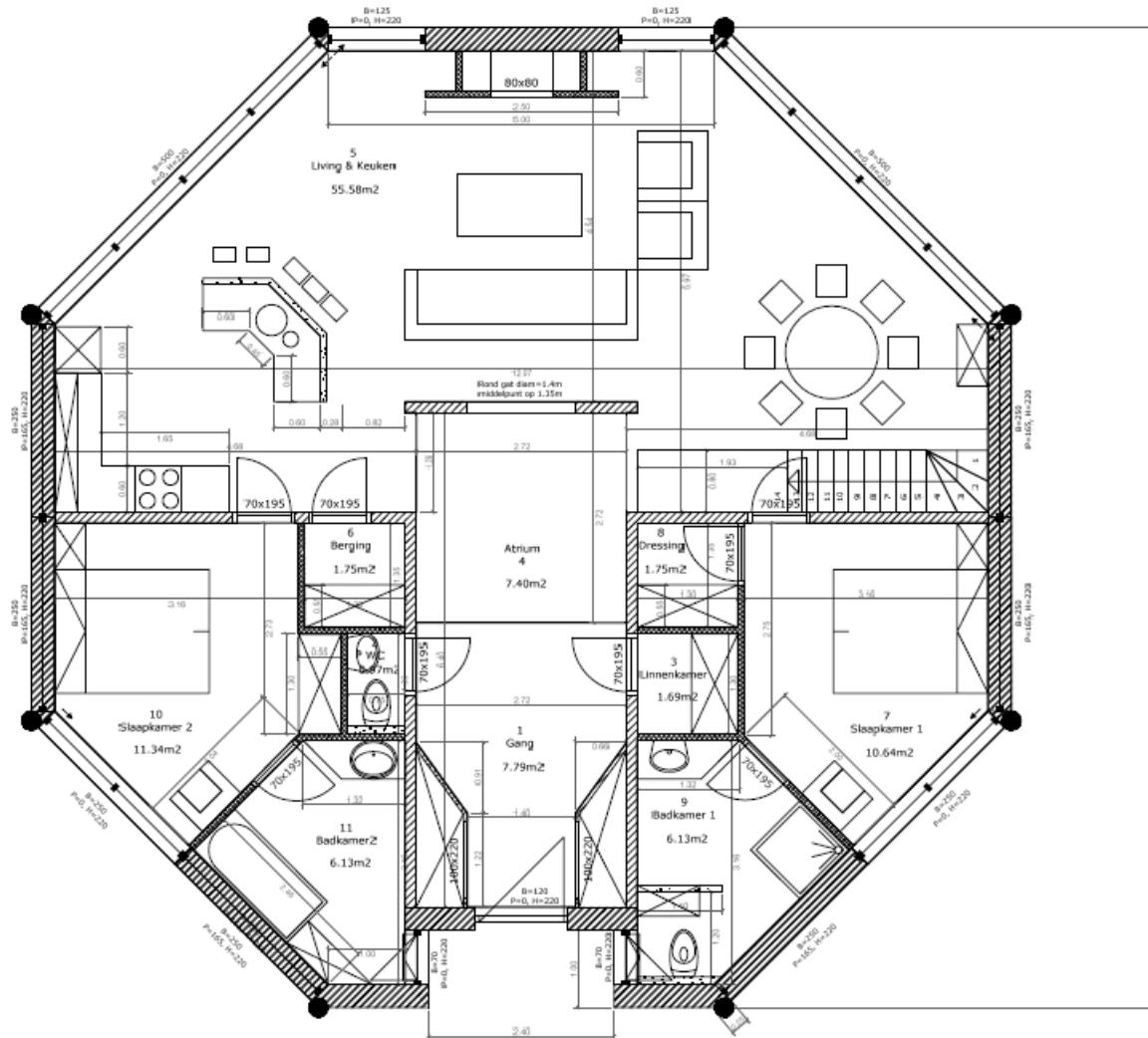
Ground floor: 2D + figure texts



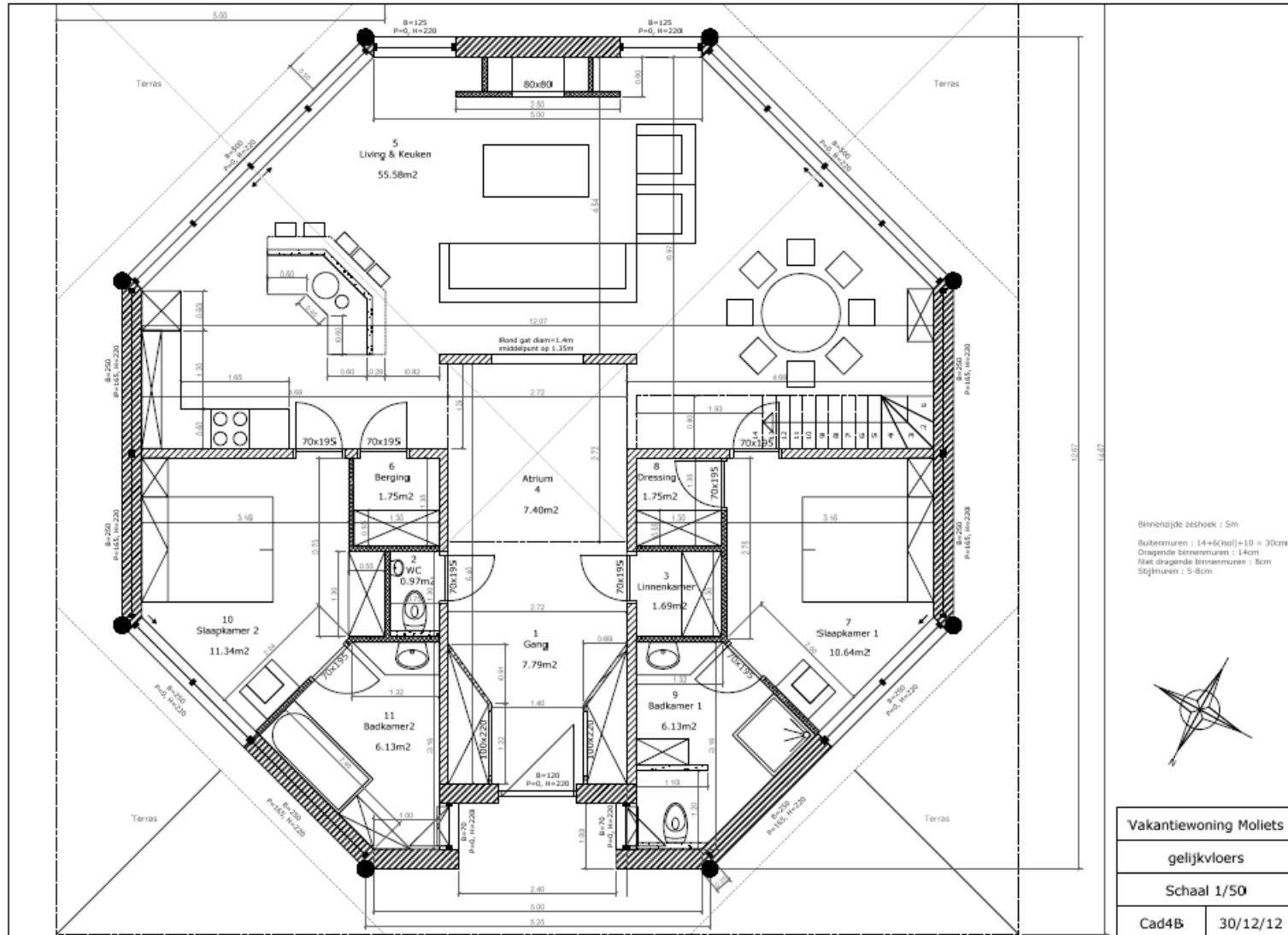
Ground floor: 2D + rooms



Ground floor: 2D + dimensions

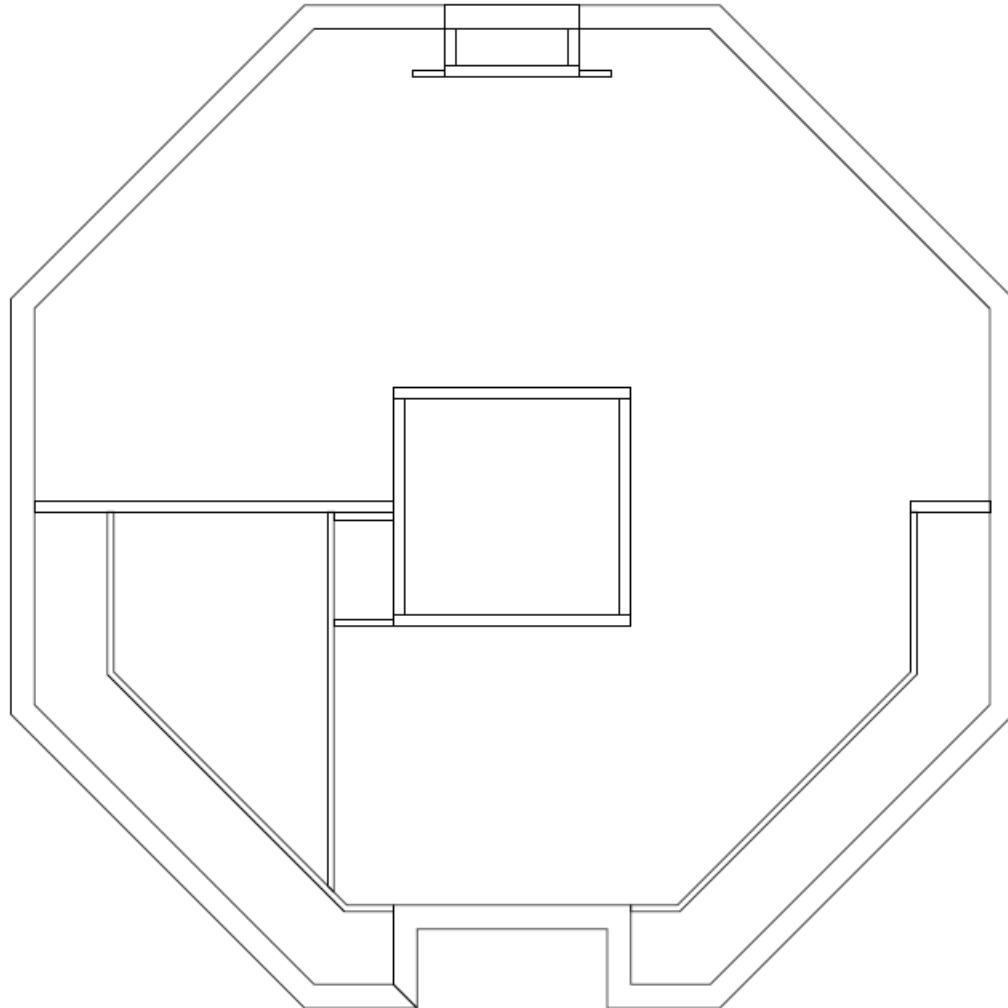


Ground floor: plan



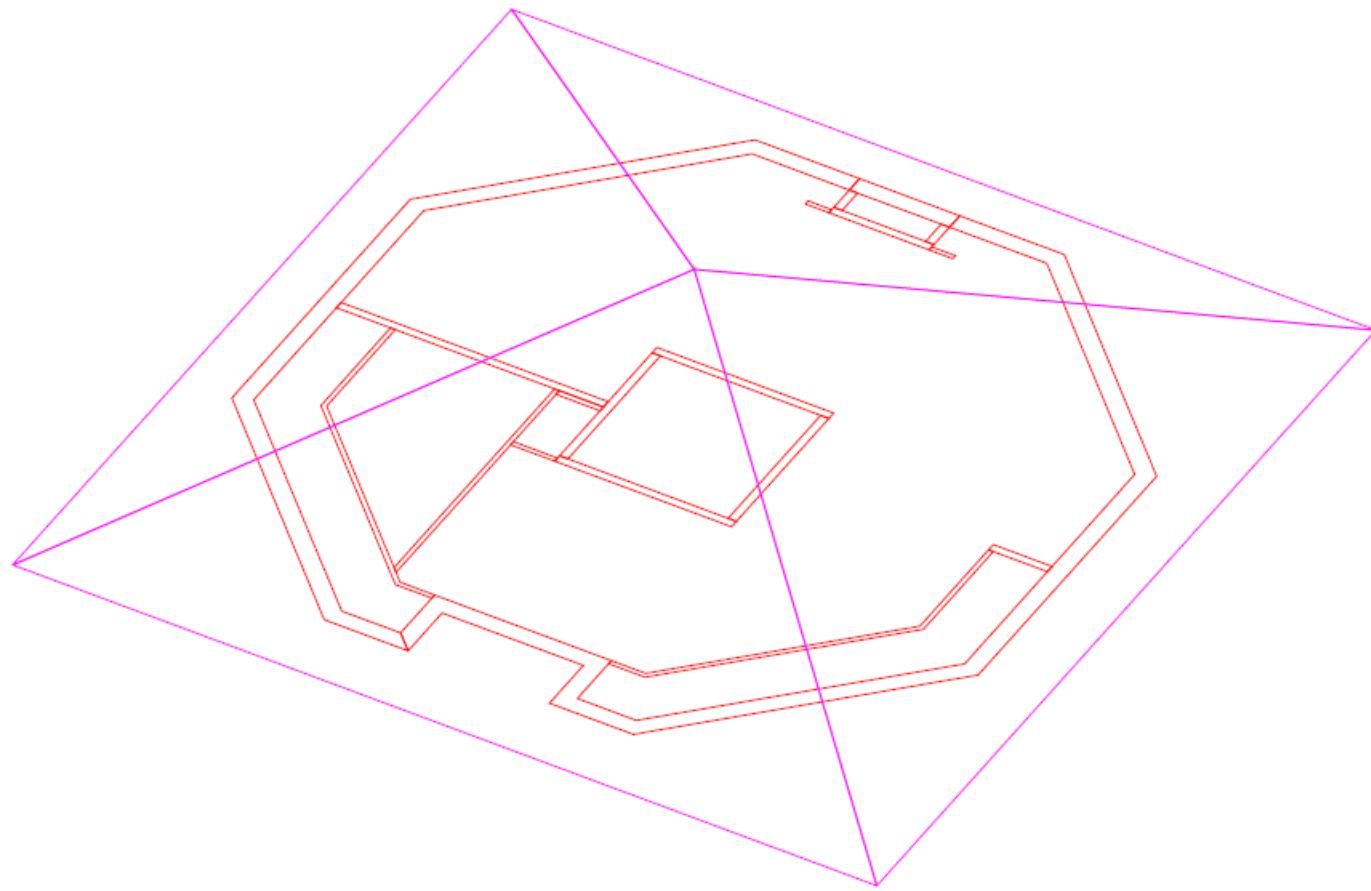


Floor 1: walls



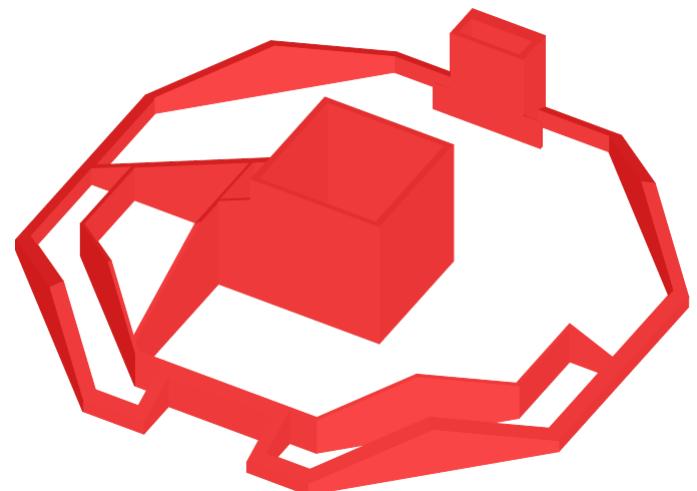
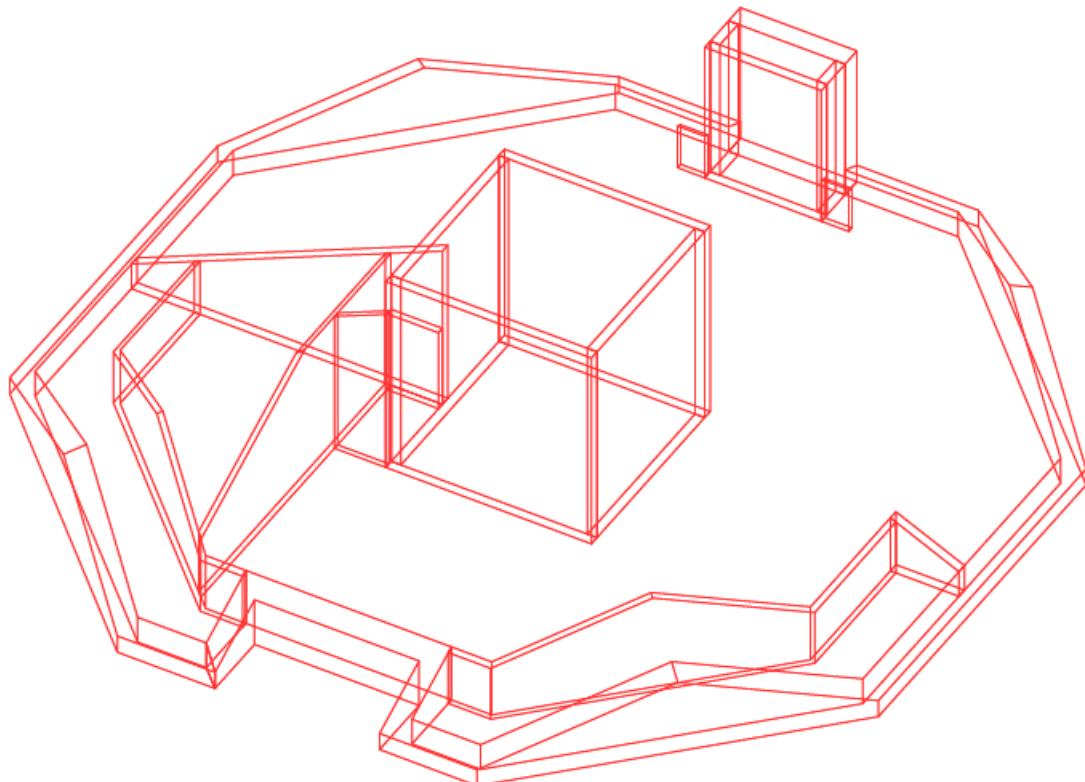


Floor 1: projection of walls against roof



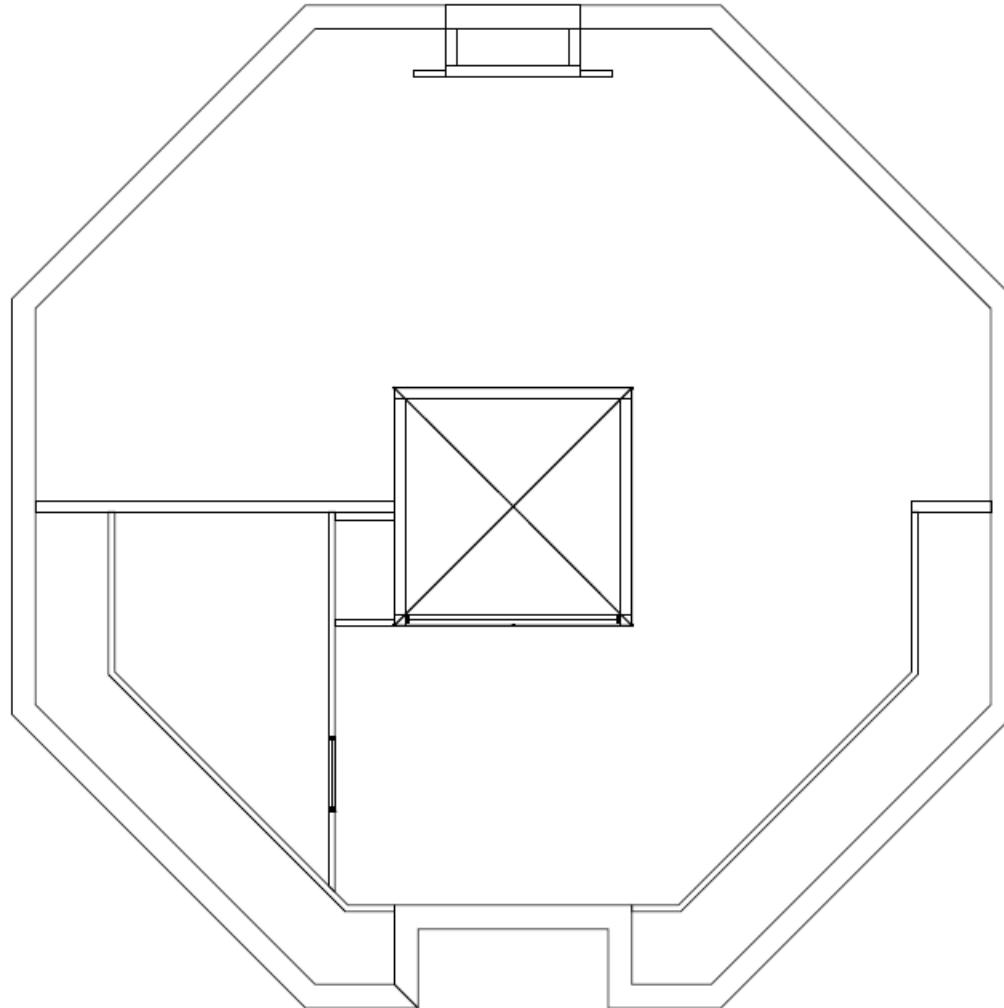


Floor 1: walls in 3D



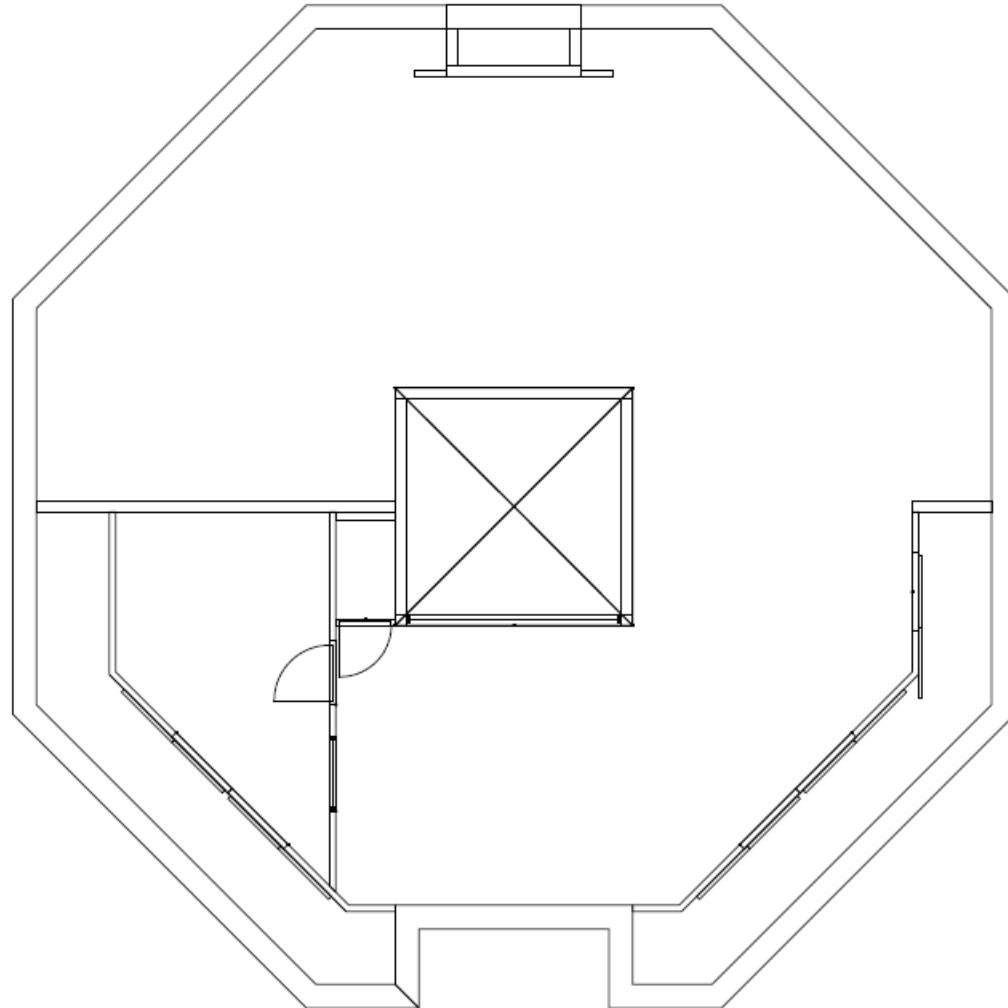


Floor 1: + windows



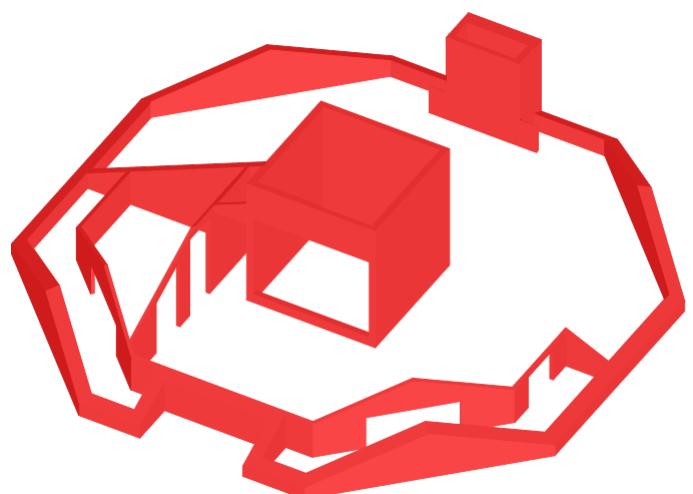
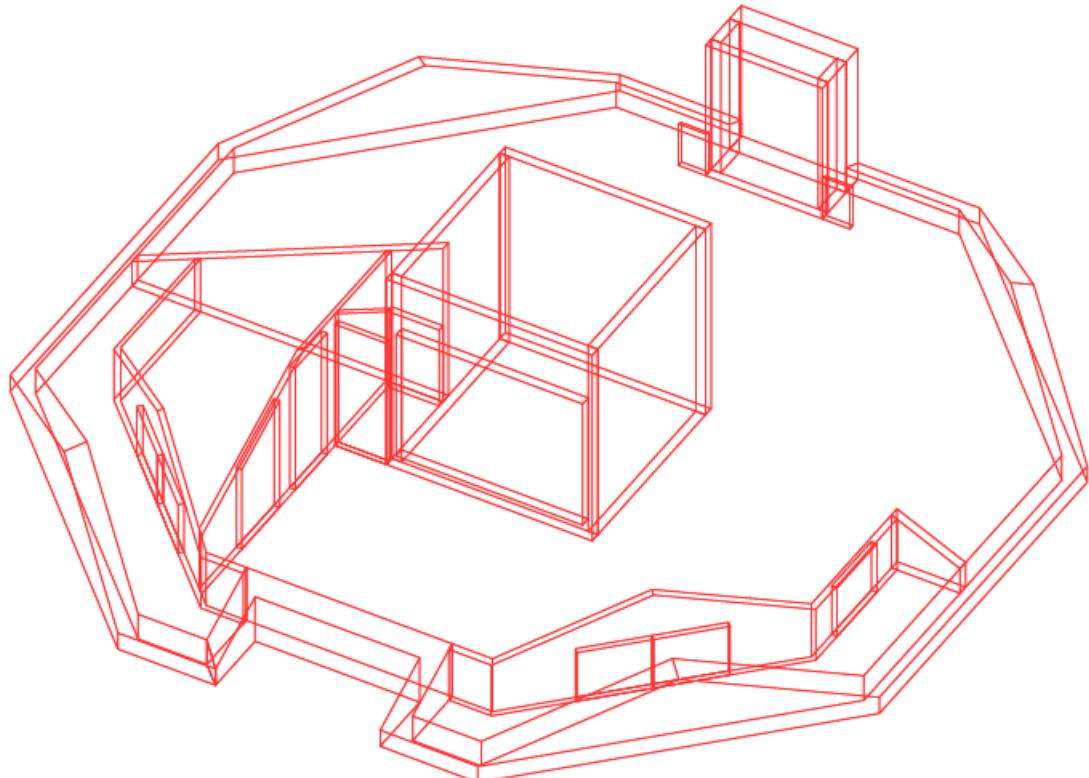


Floor 1: + doors



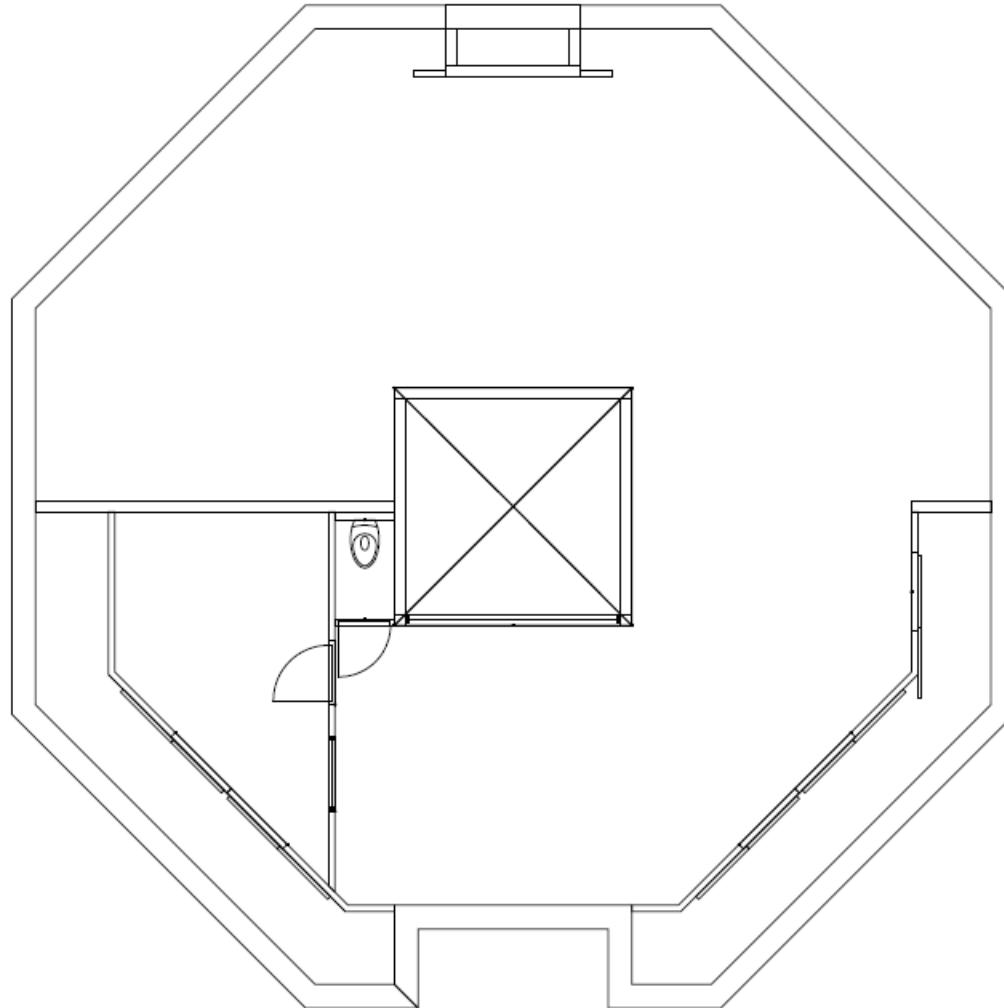


Floor 1: walls – holes in 3D



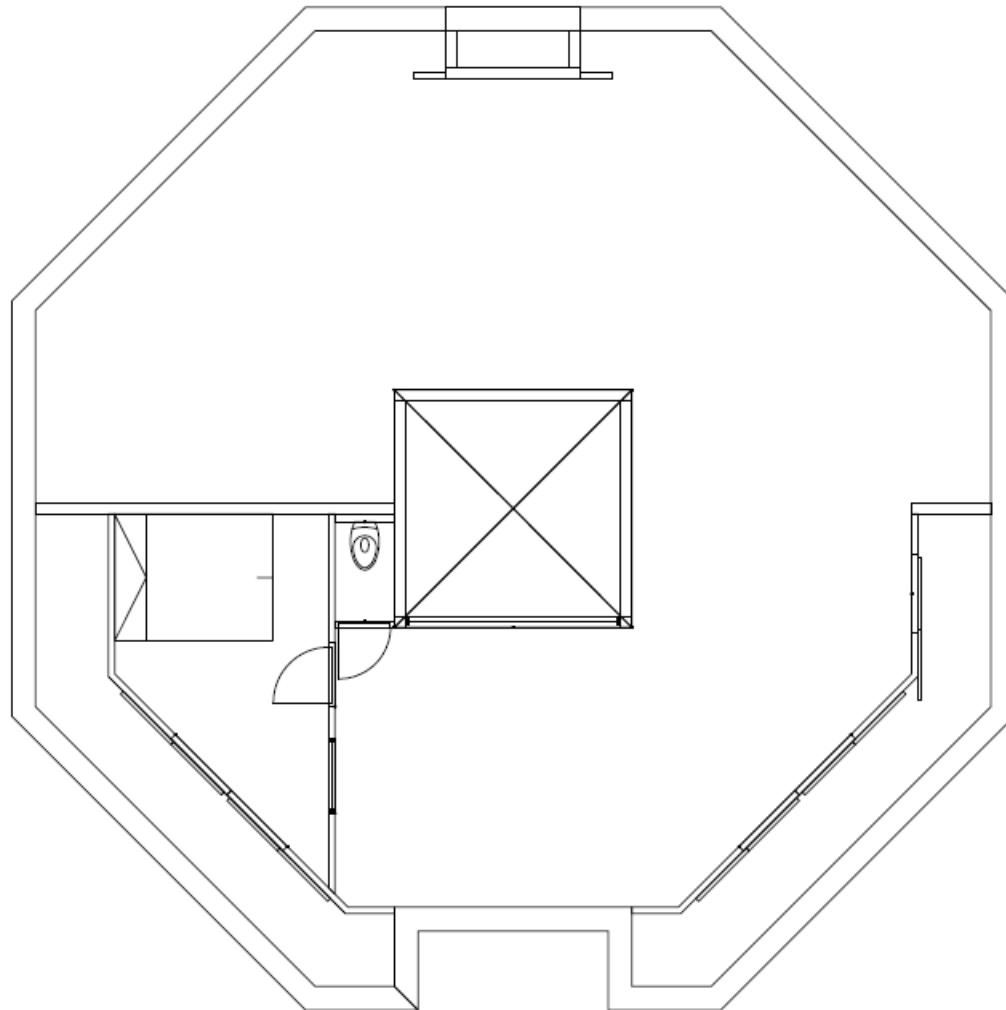


Floor 1: + sanitary devices



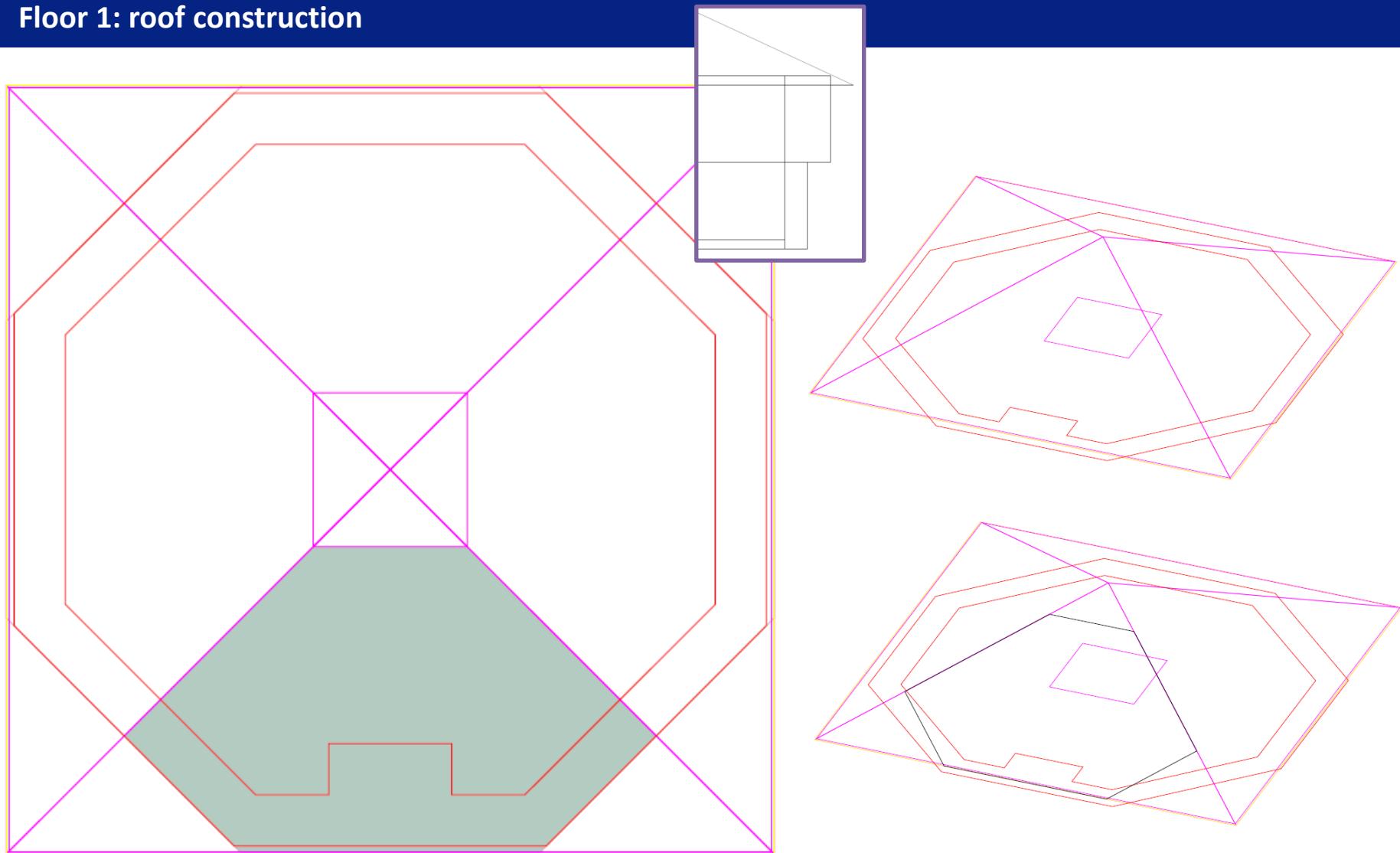


Floor 1: + furniture



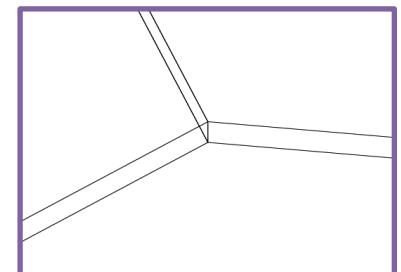
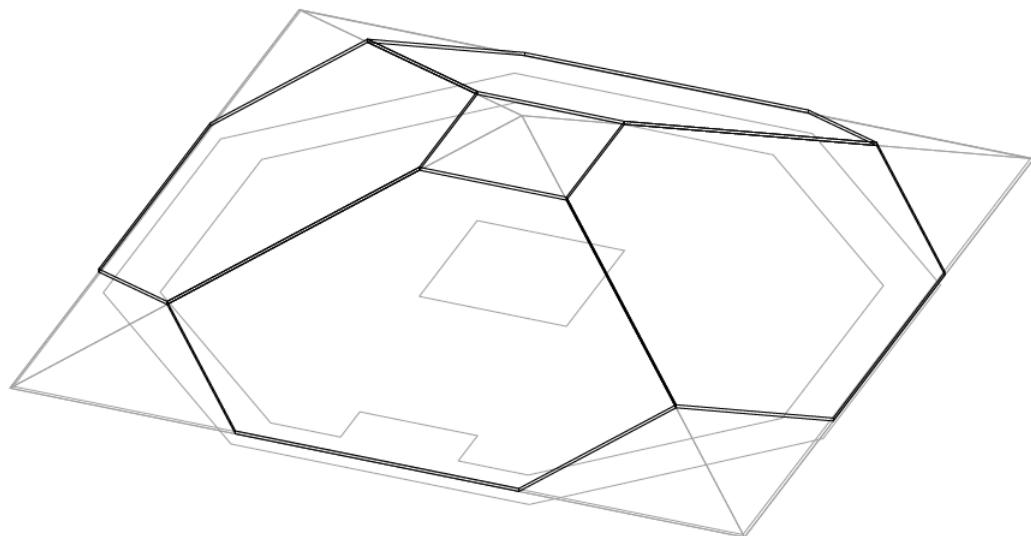
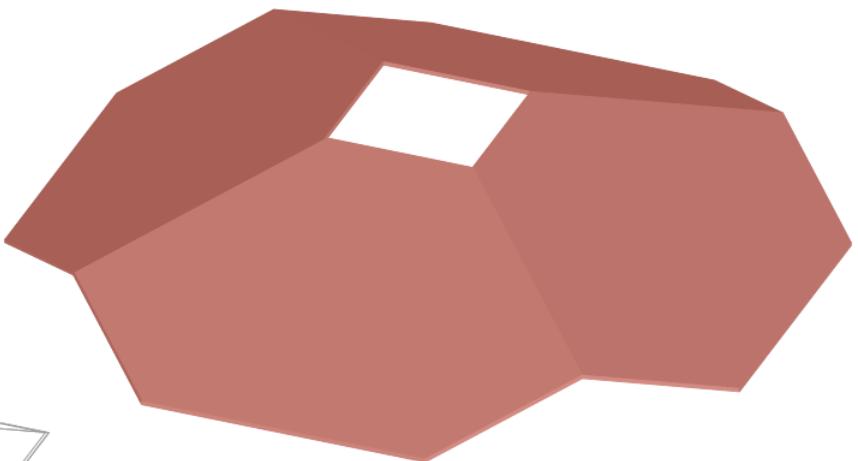
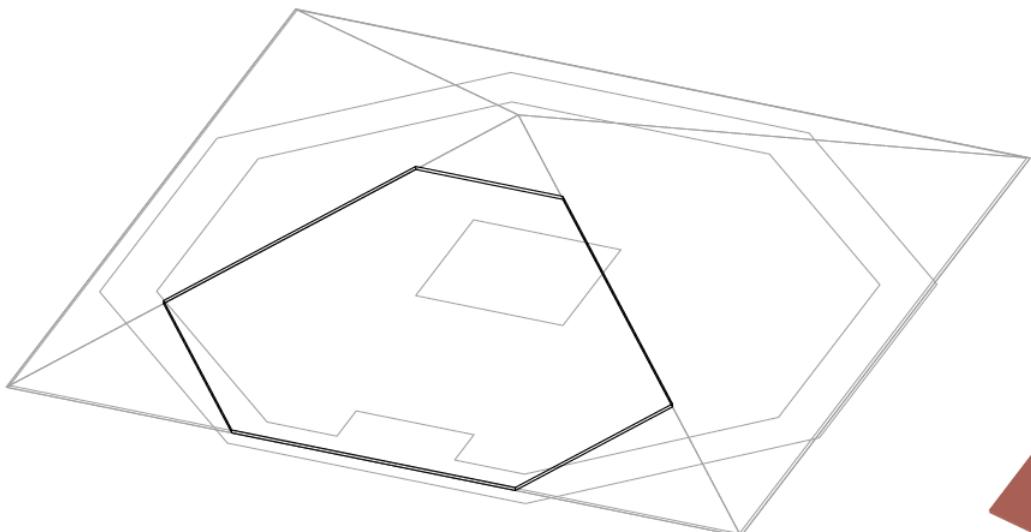


Floor 1: roof construction



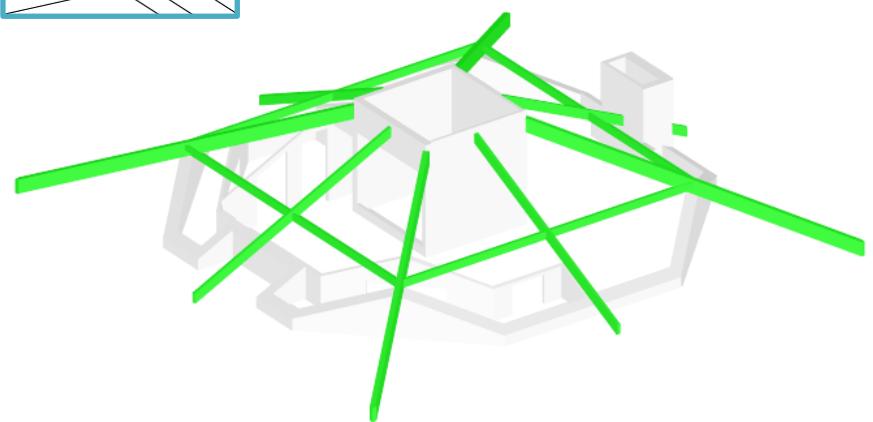
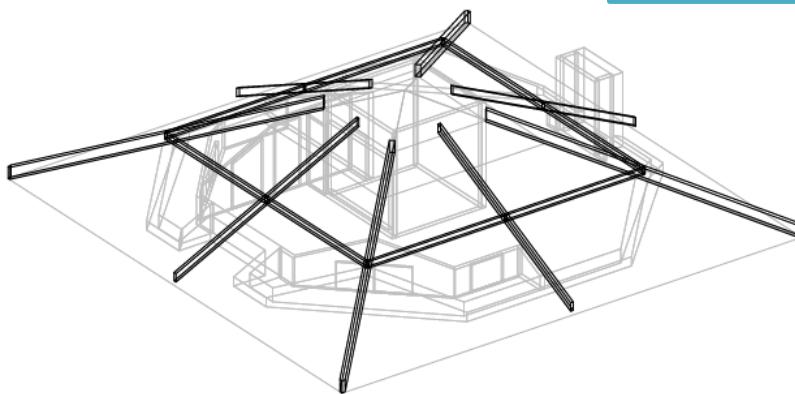
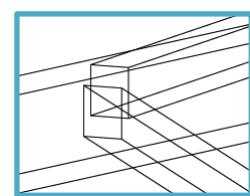
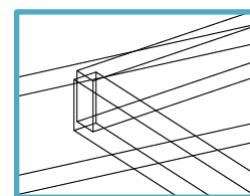
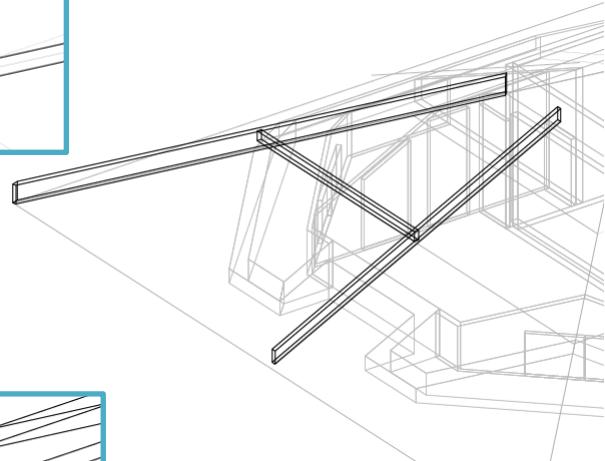
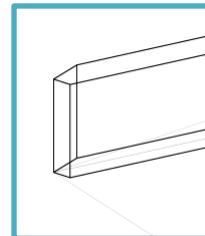
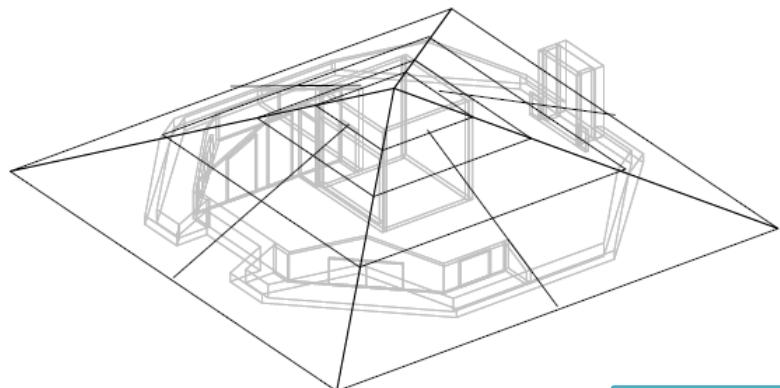


Floor 1: roof construction



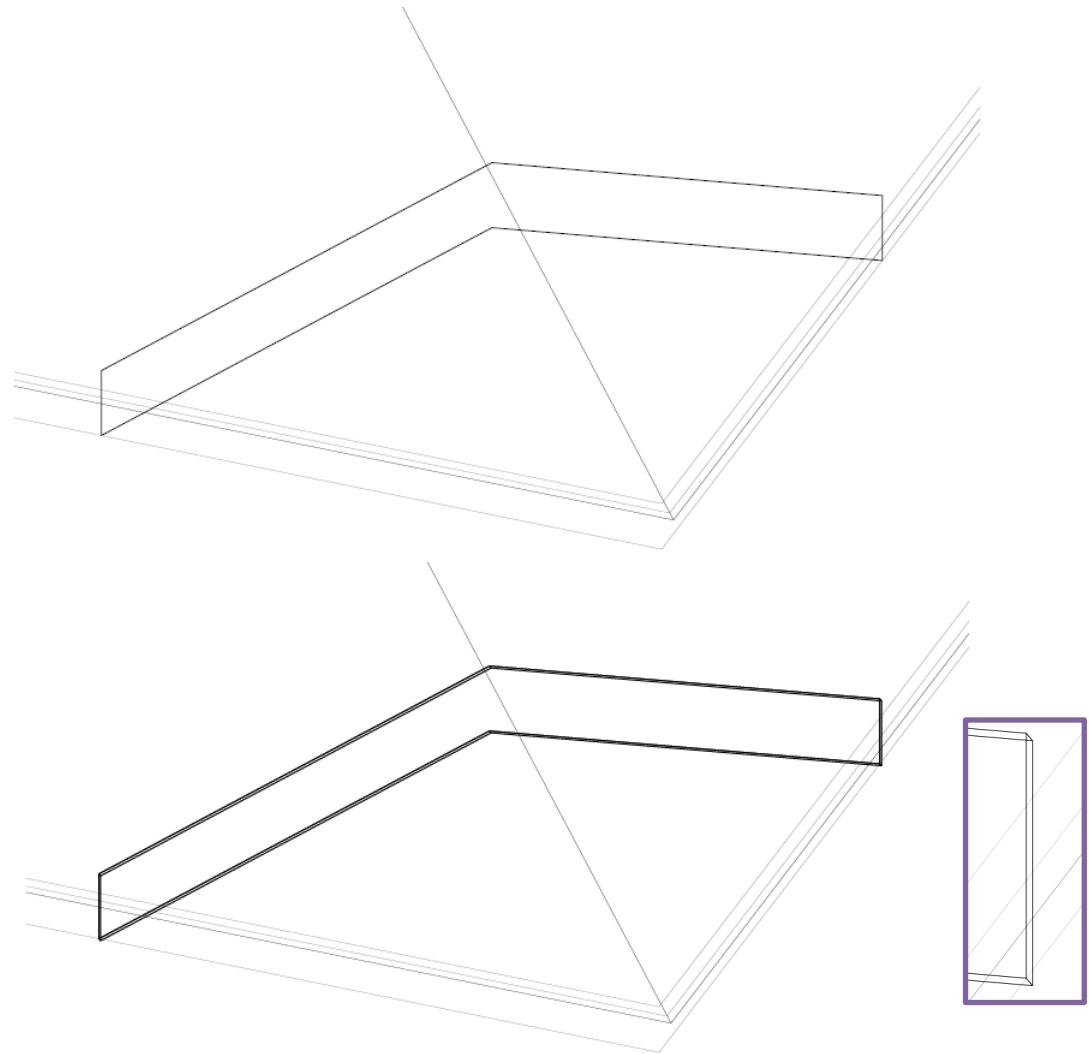
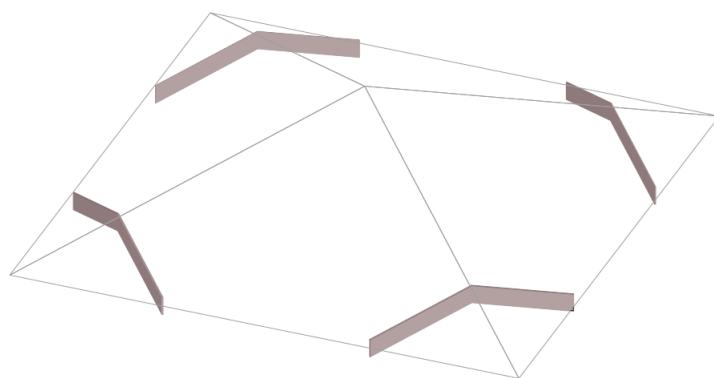
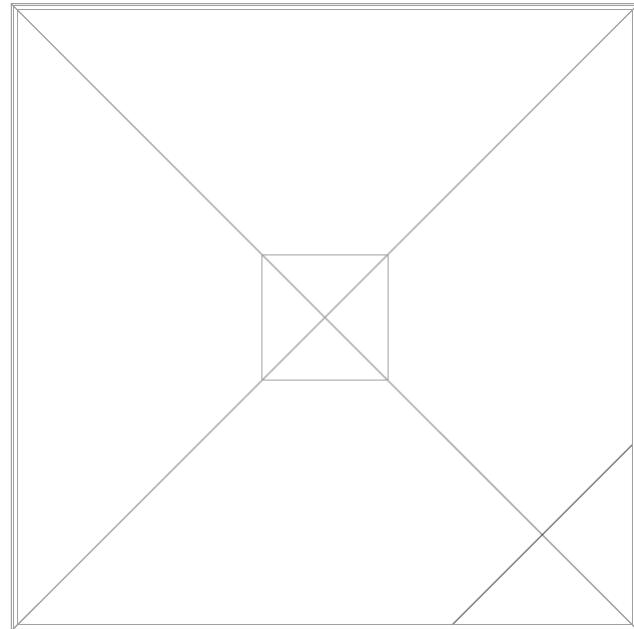


Floor 1: roof construction, beams



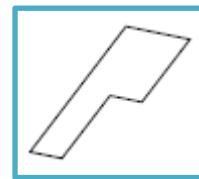
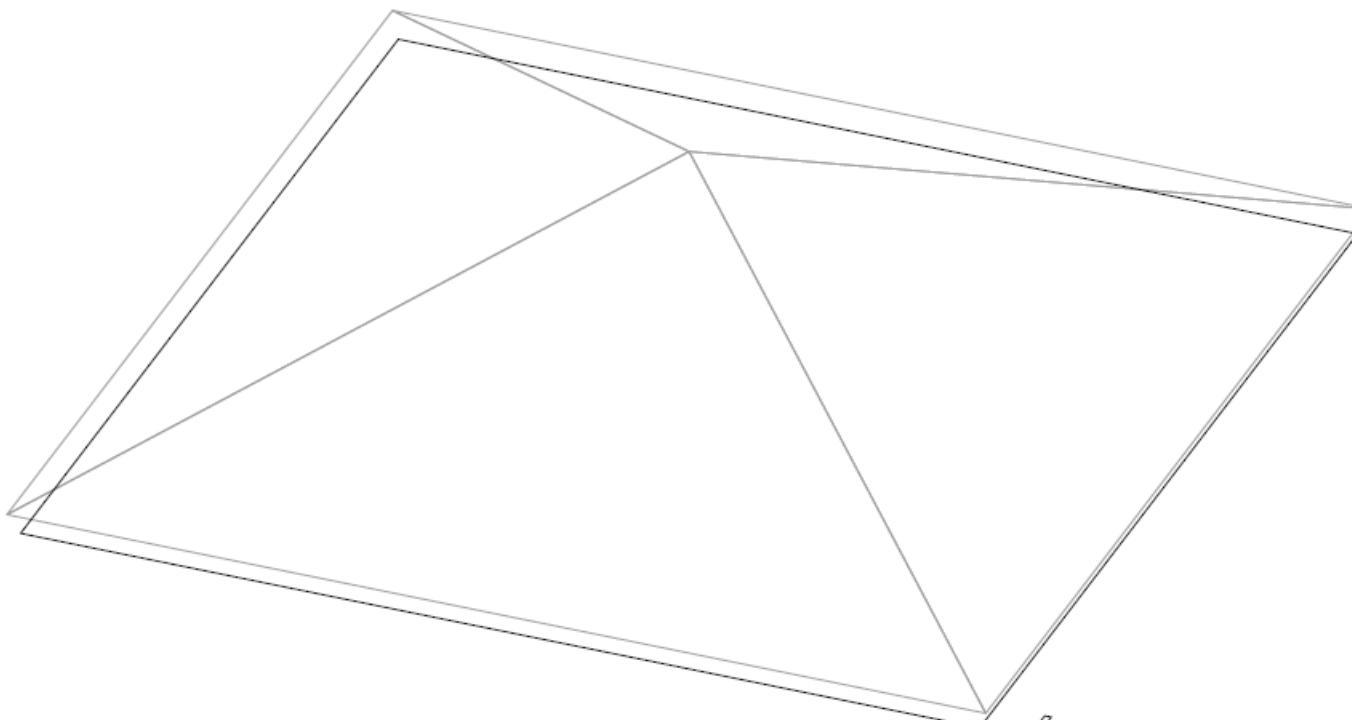


Floor 1: roof construction, border



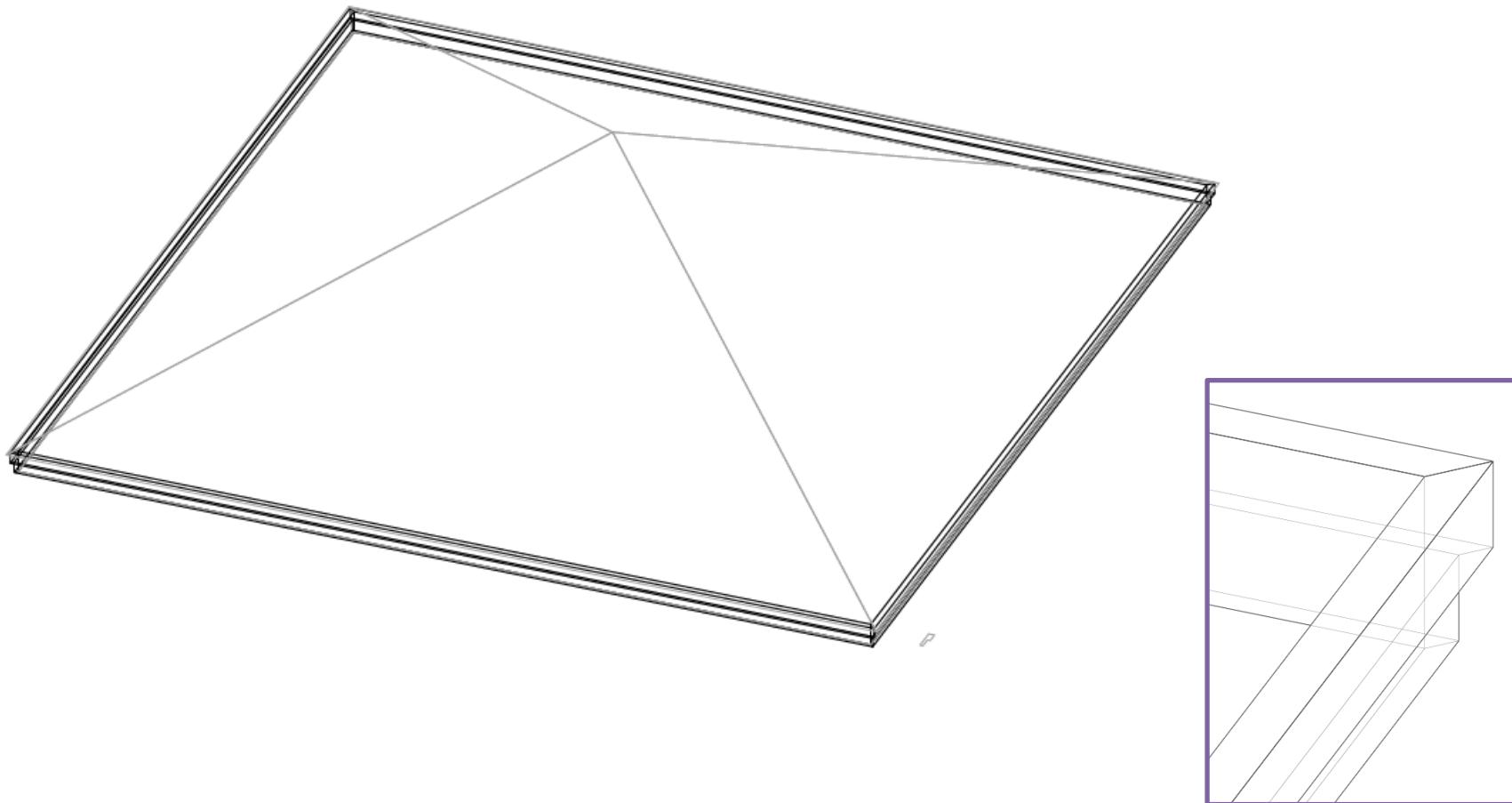


Floor 1: roof construction, border



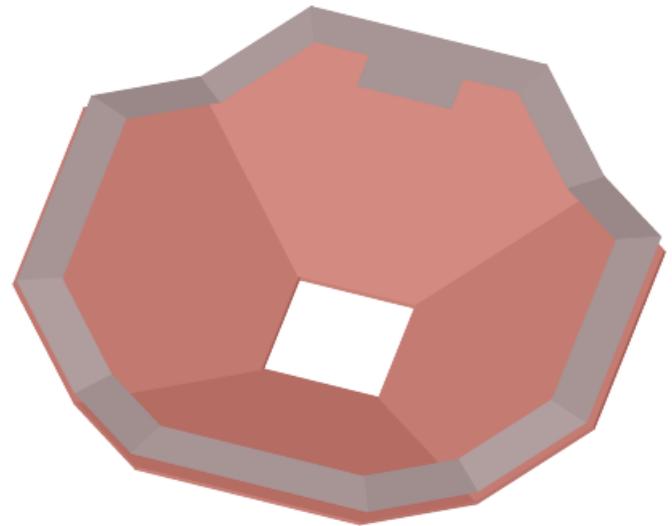
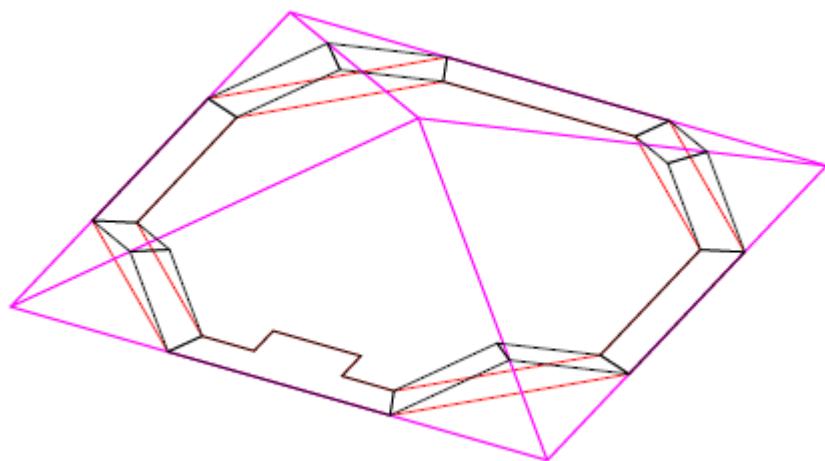
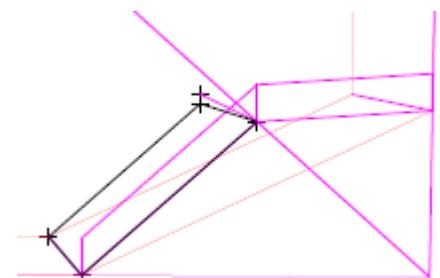
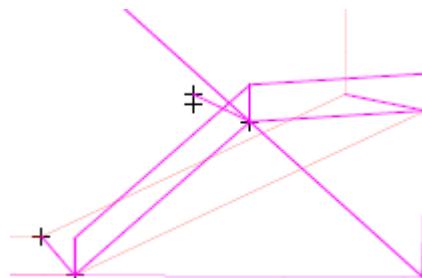
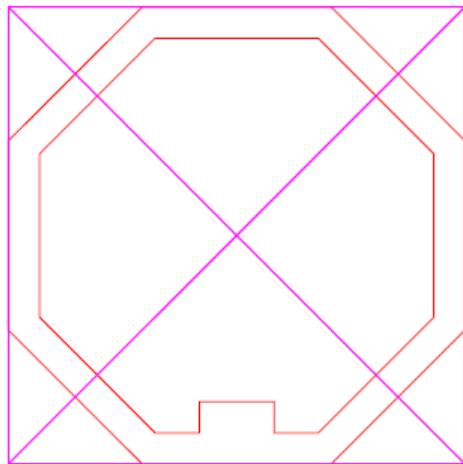


Floor 1: roof construction, border



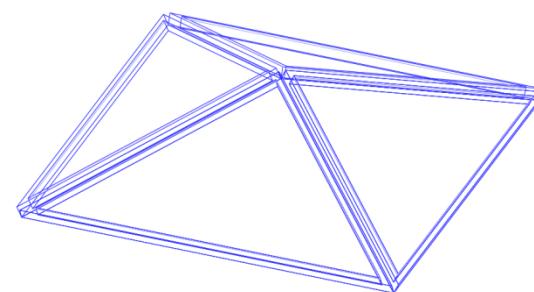
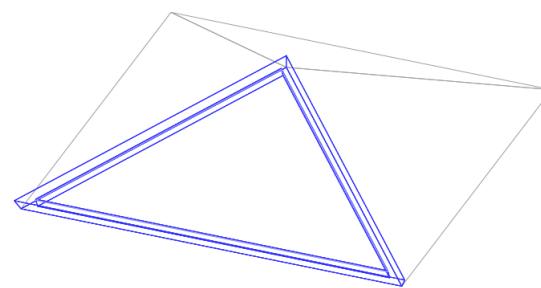
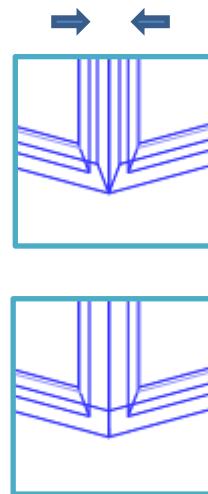
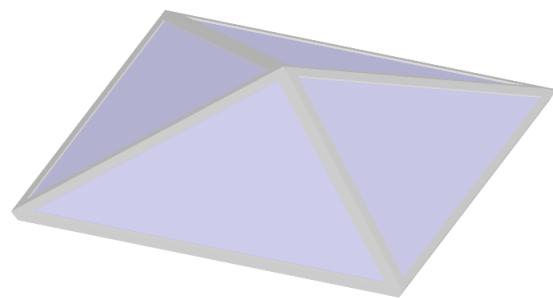
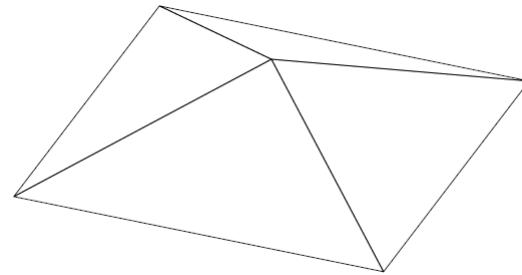
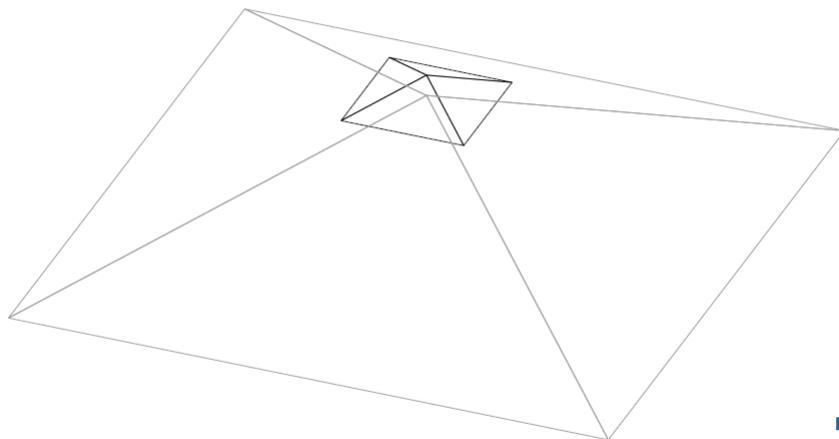


Floor 1: roof construction, border, bottom side



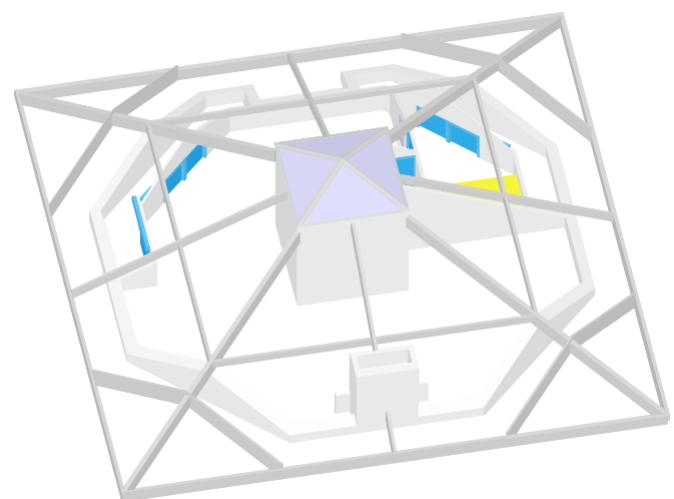
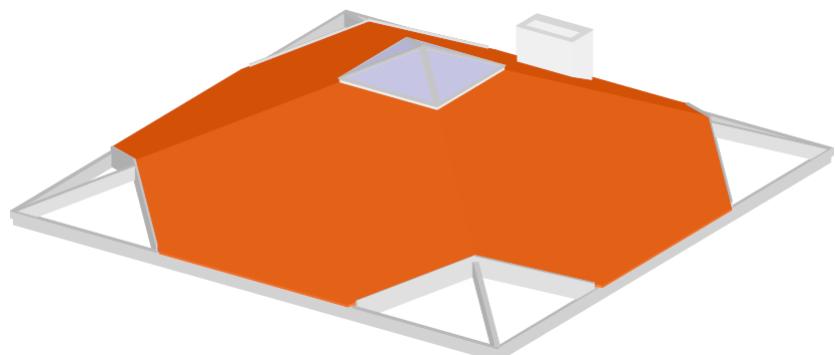
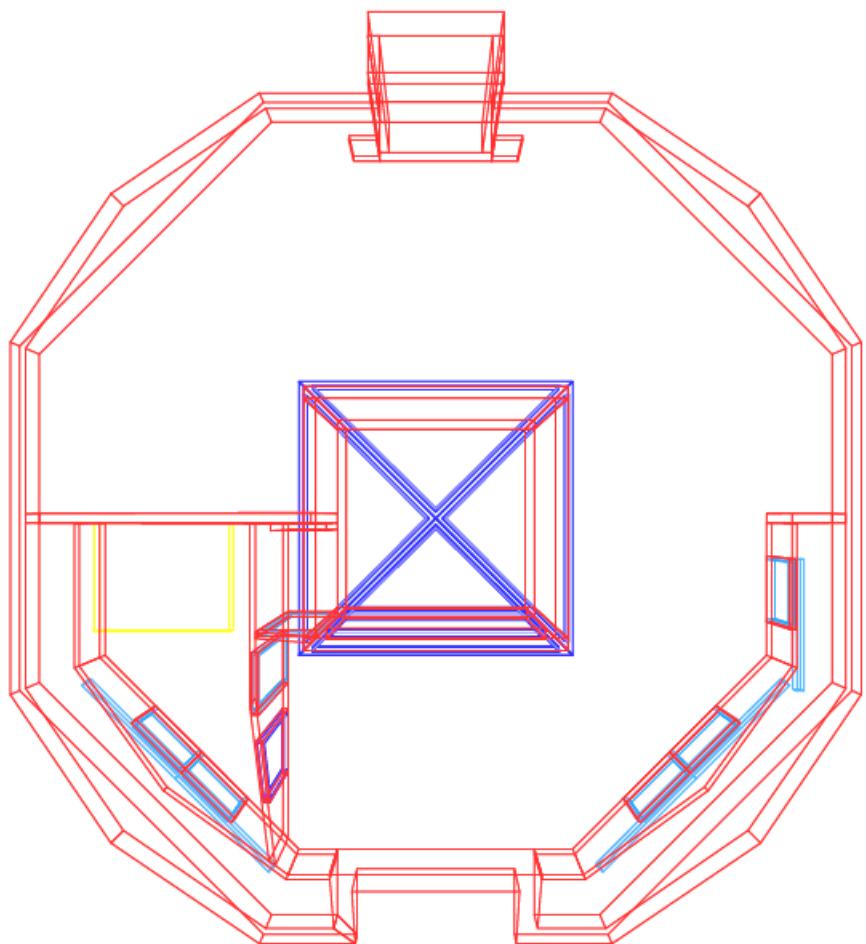


Floor 1: roof window



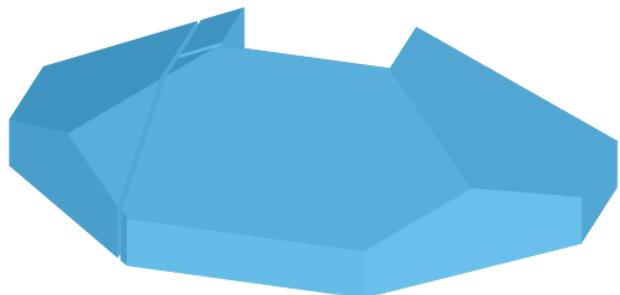
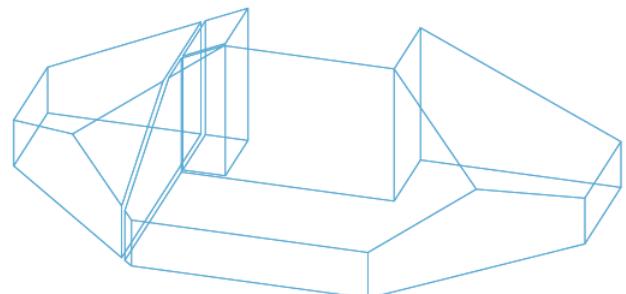


Floor 1: 3D



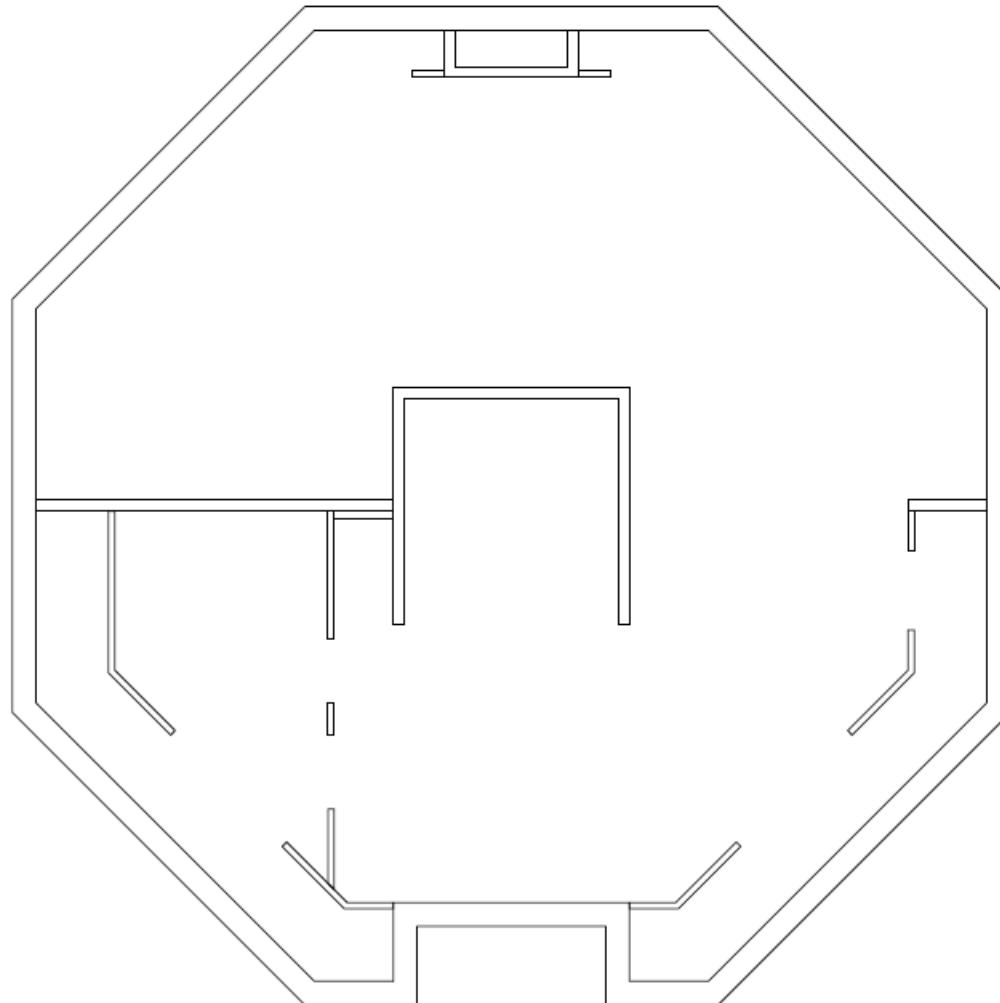


Floor 1: rooms



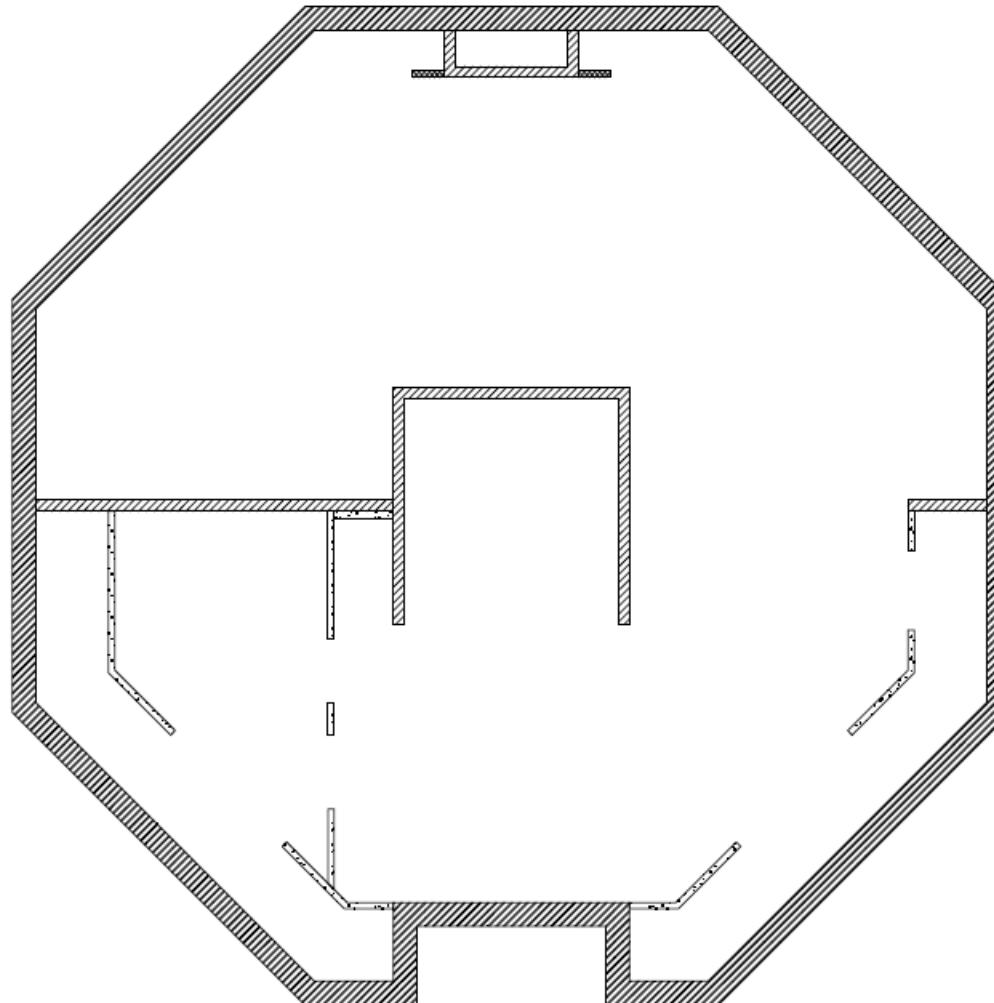


Floor 1: 2D walls



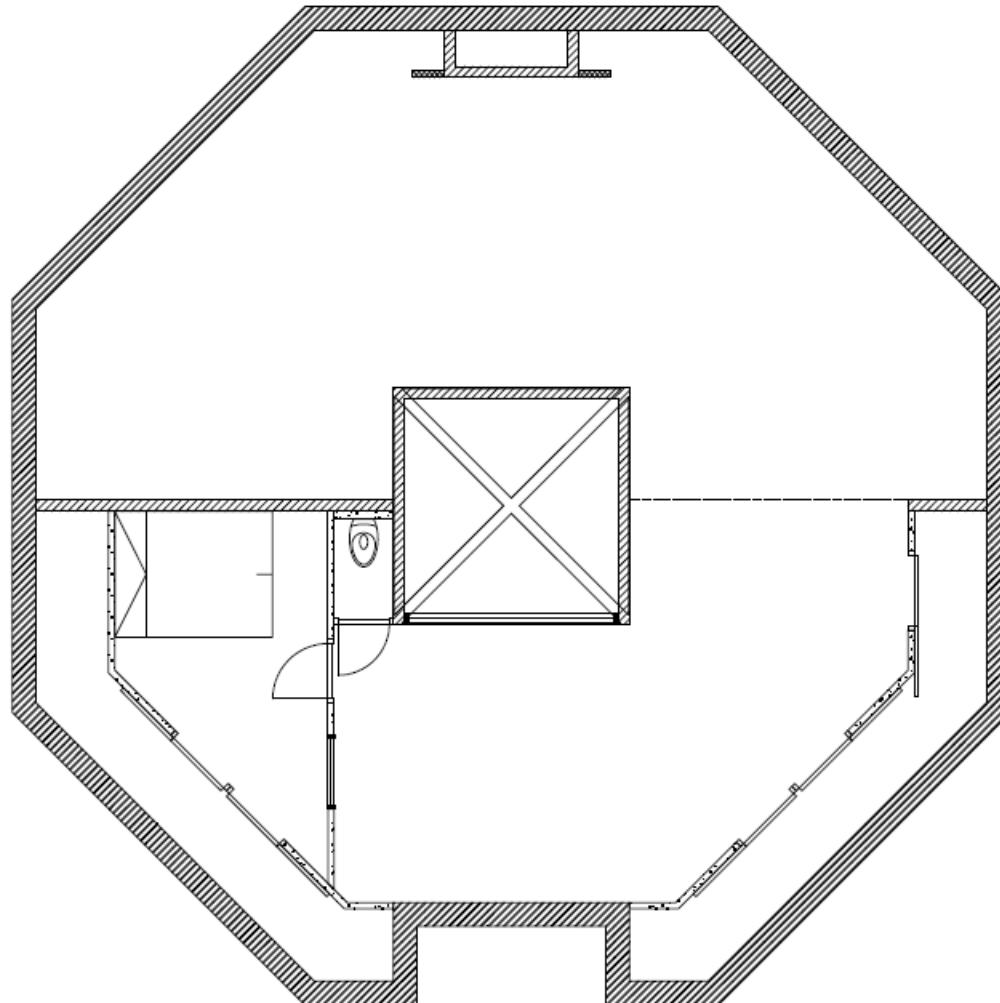


Floor 1: 2D walls + hatch



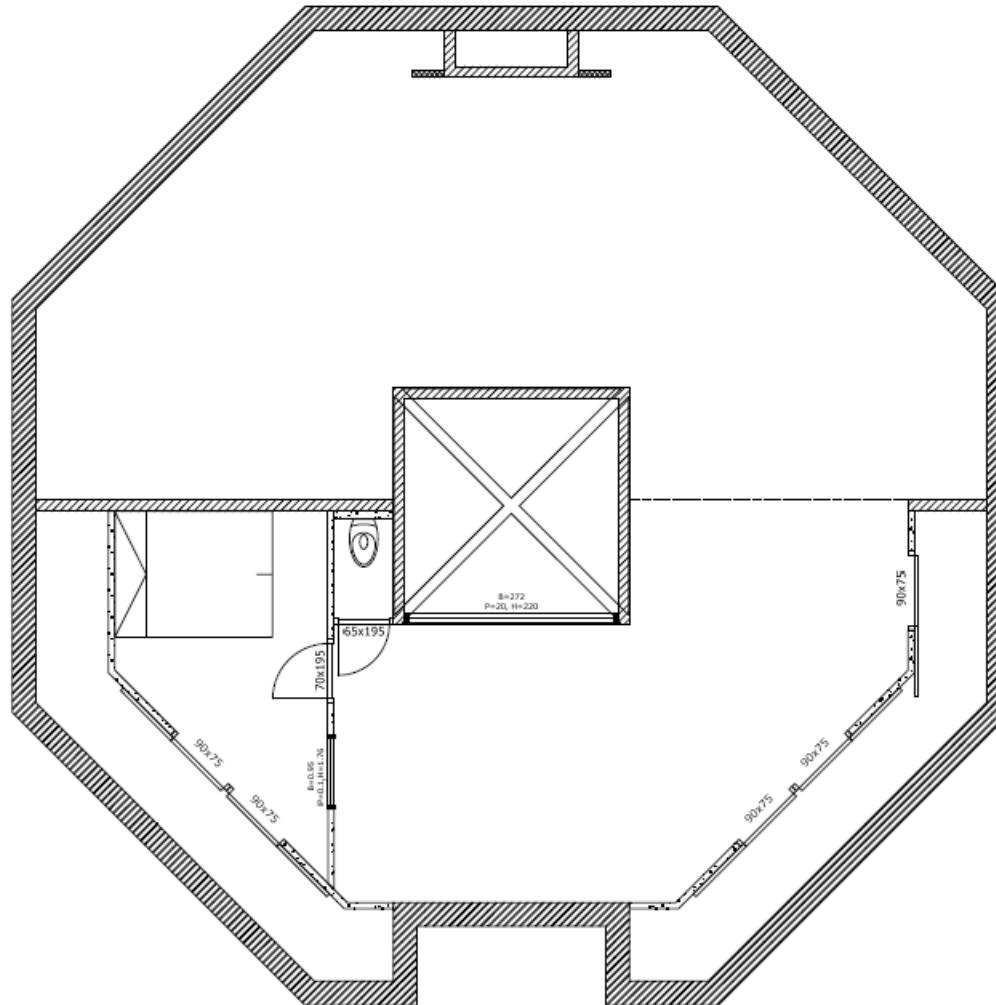


Floor 1: 2D base model



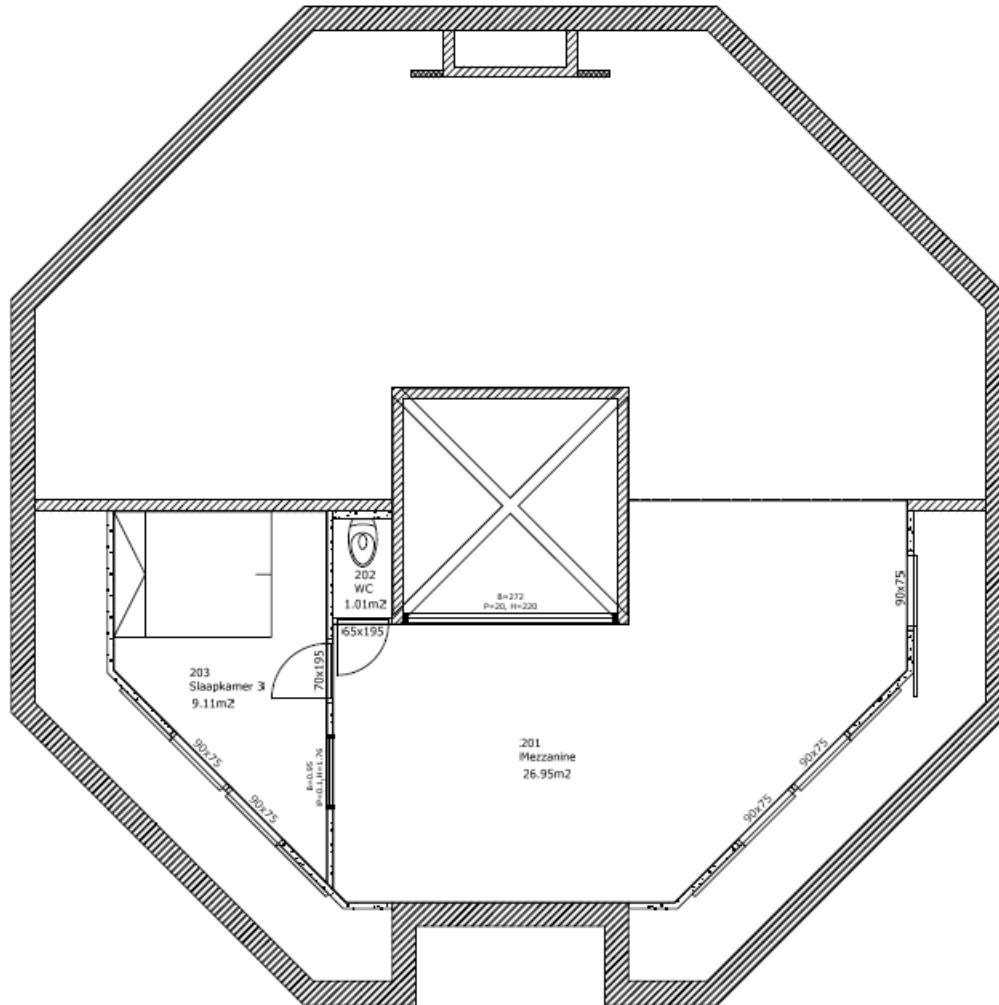


Floor 1: 2D + figure texts



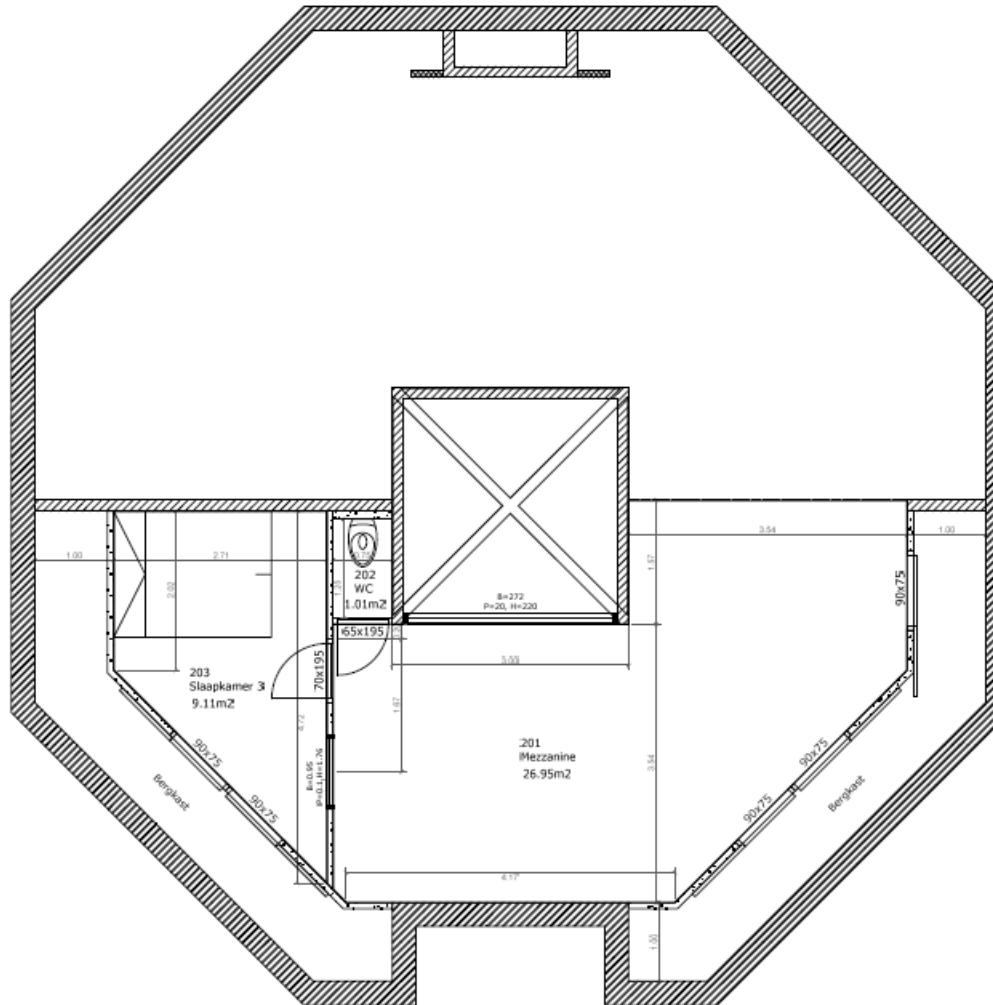


Floor 1: 2D + rooms



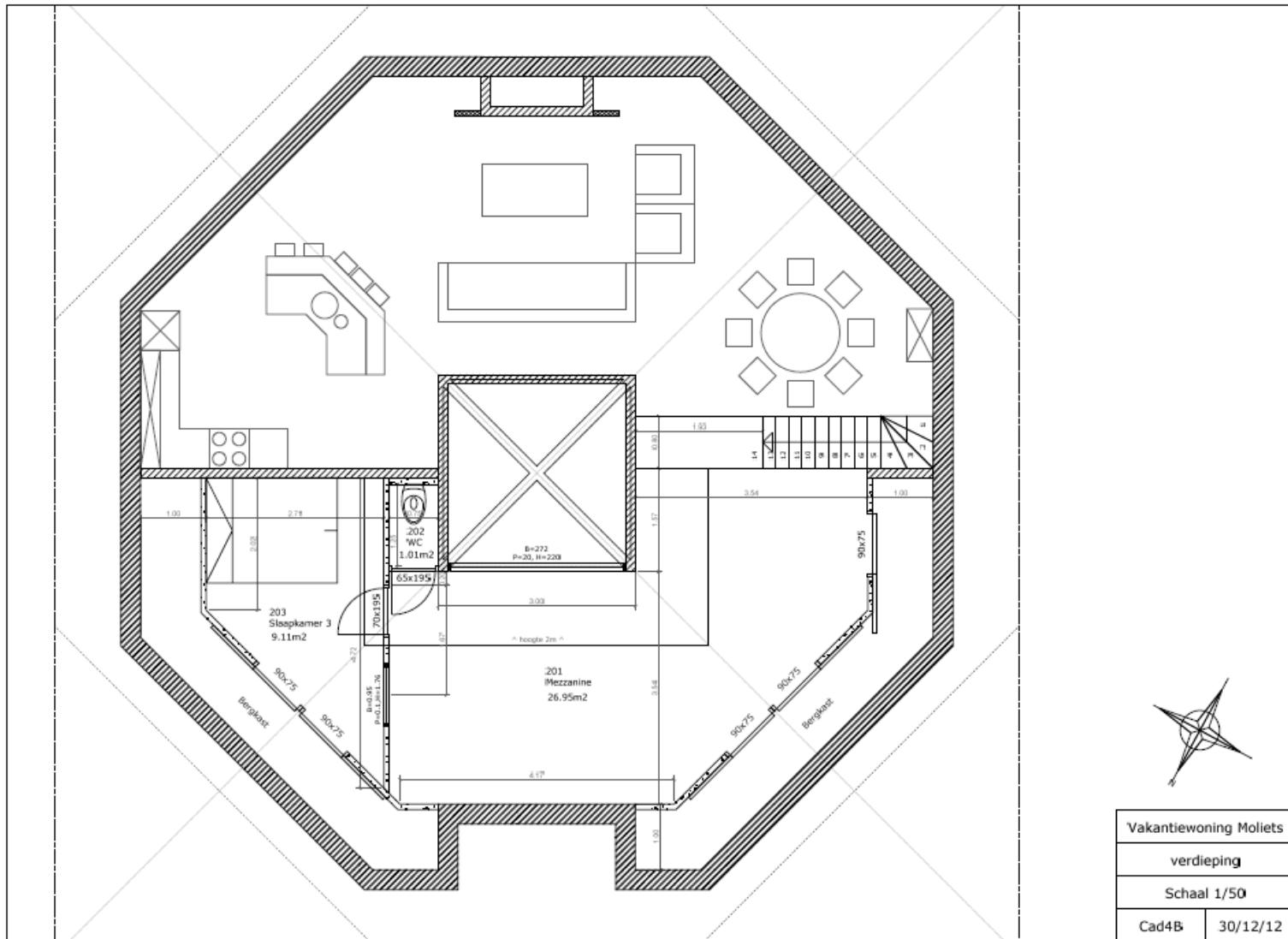


Floor 1: 2D + dimensions



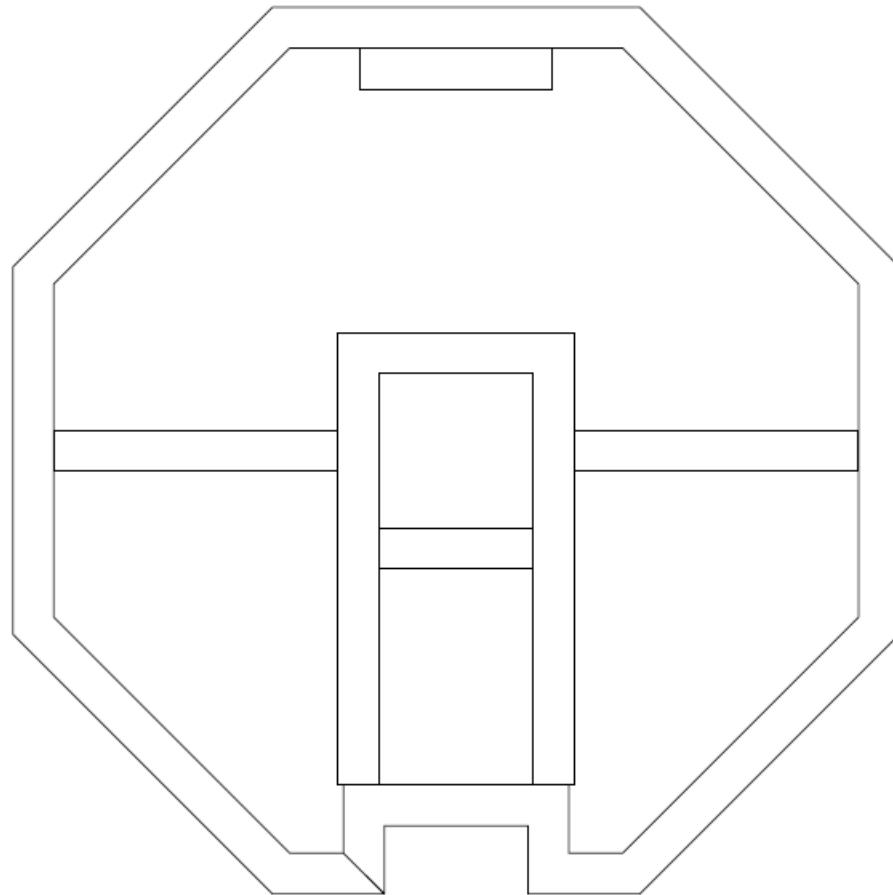


Floor 1: plan



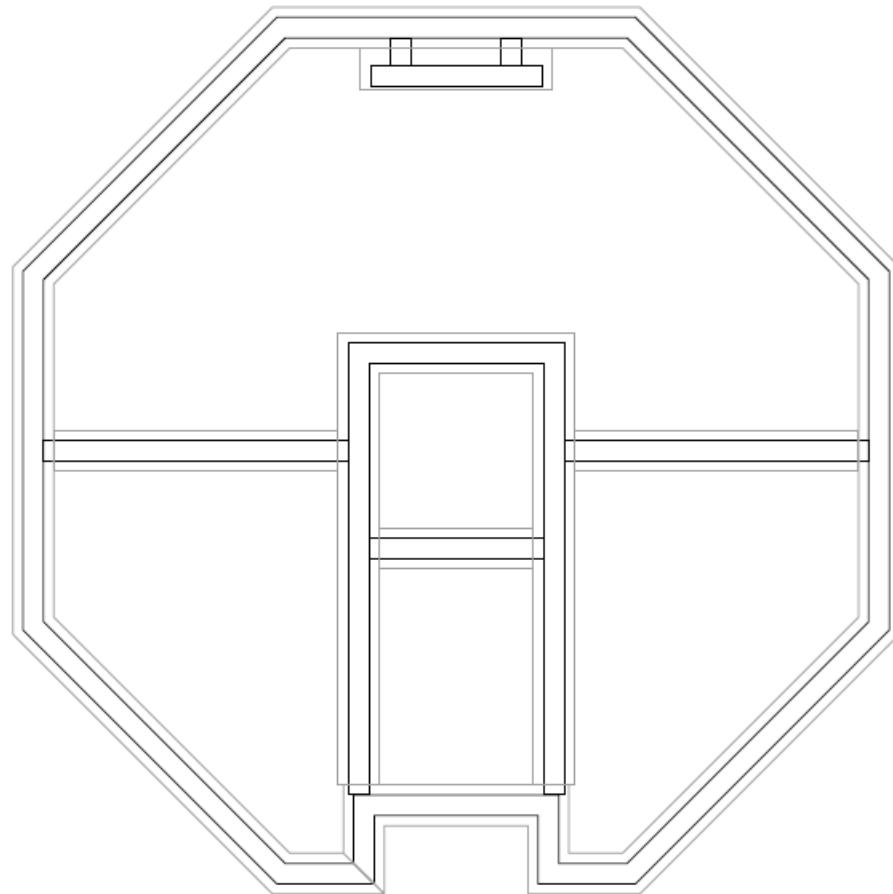


Foundations: base



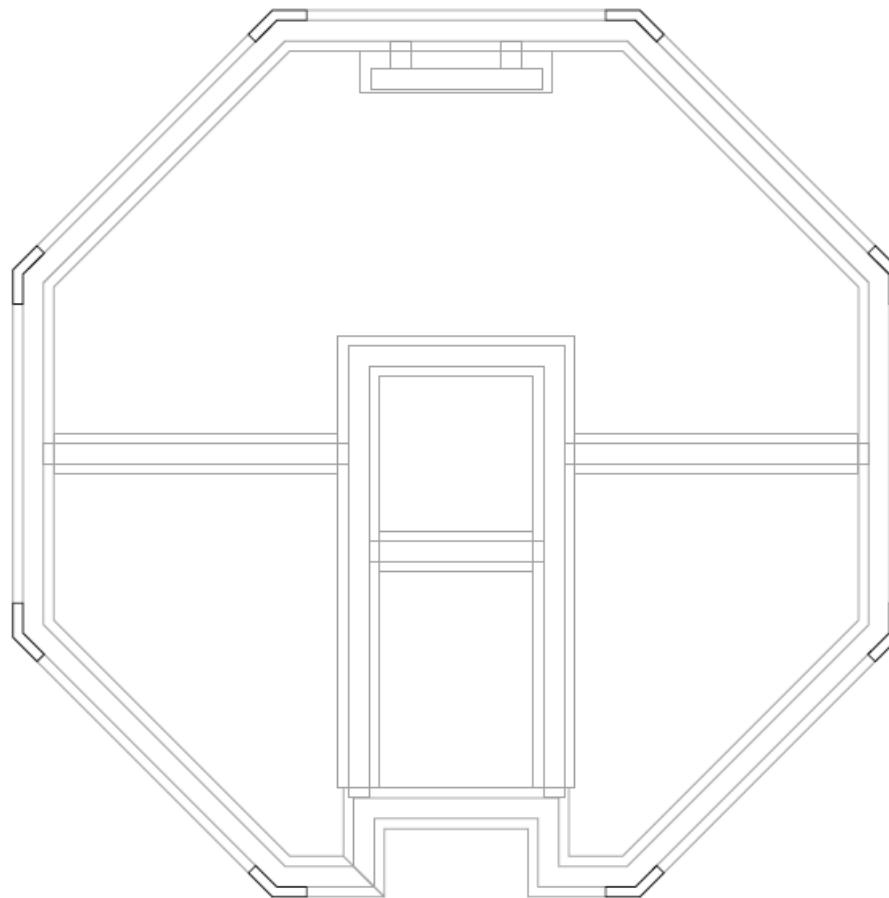


Foundations: + walls



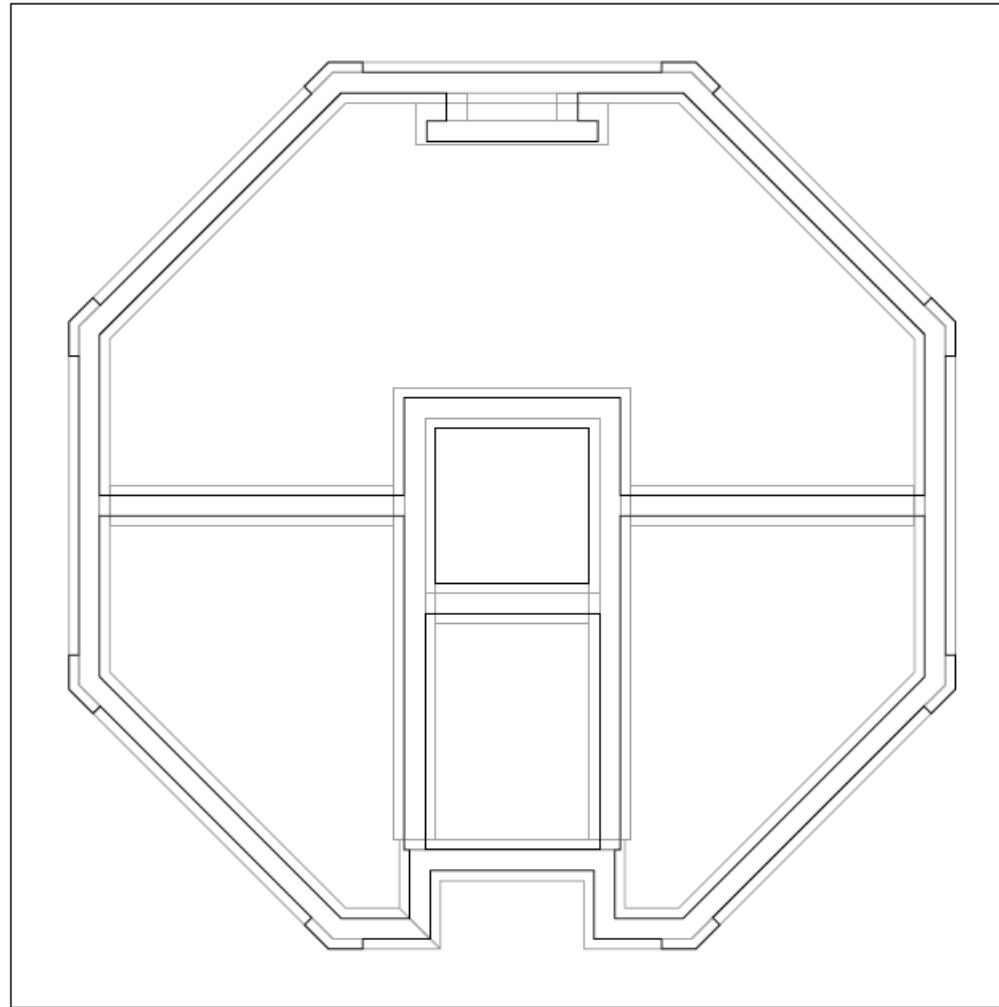


Foundations: + column bases



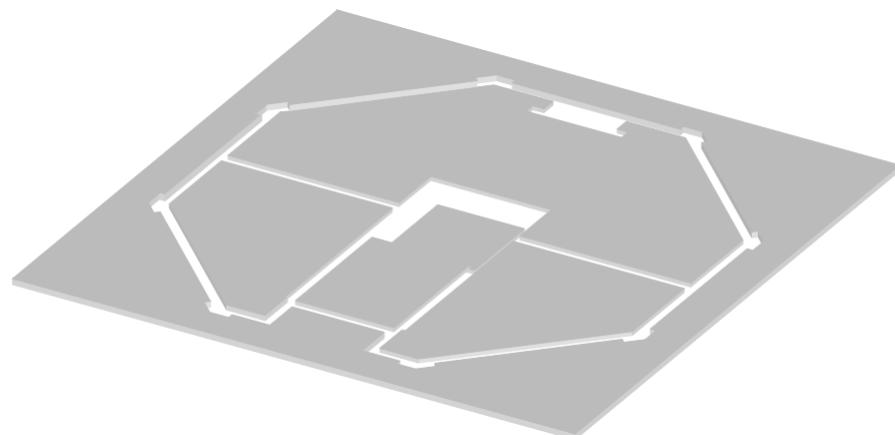
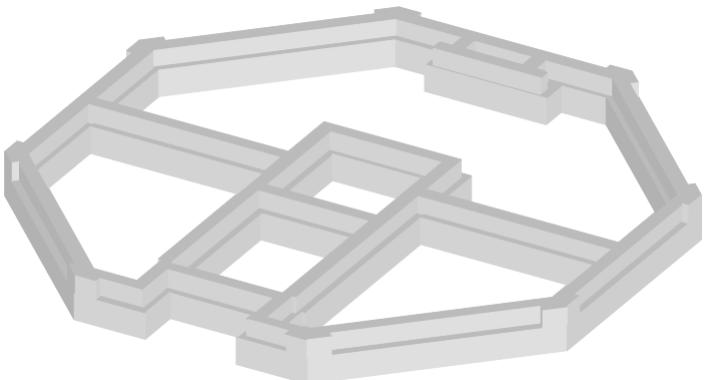
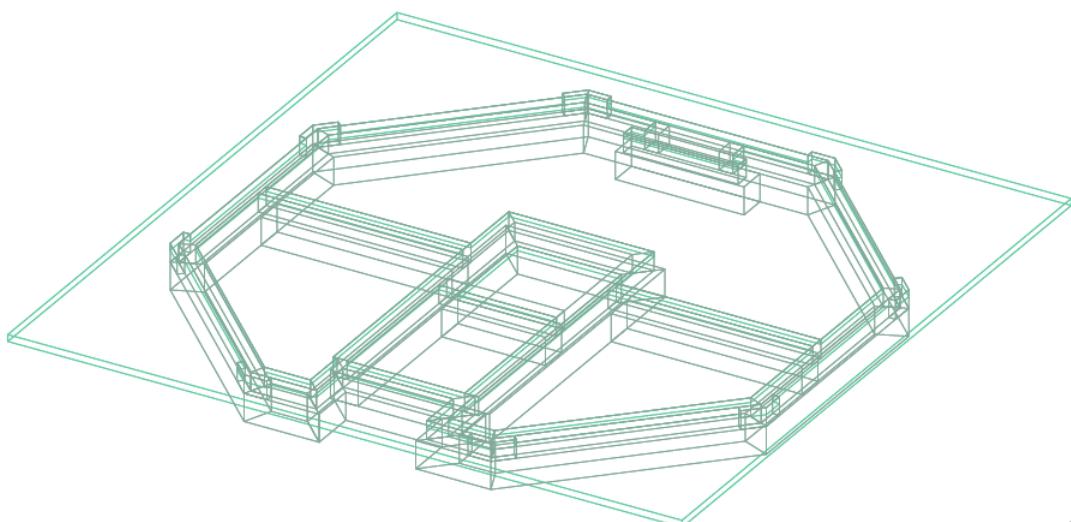


Foundations: + slabs



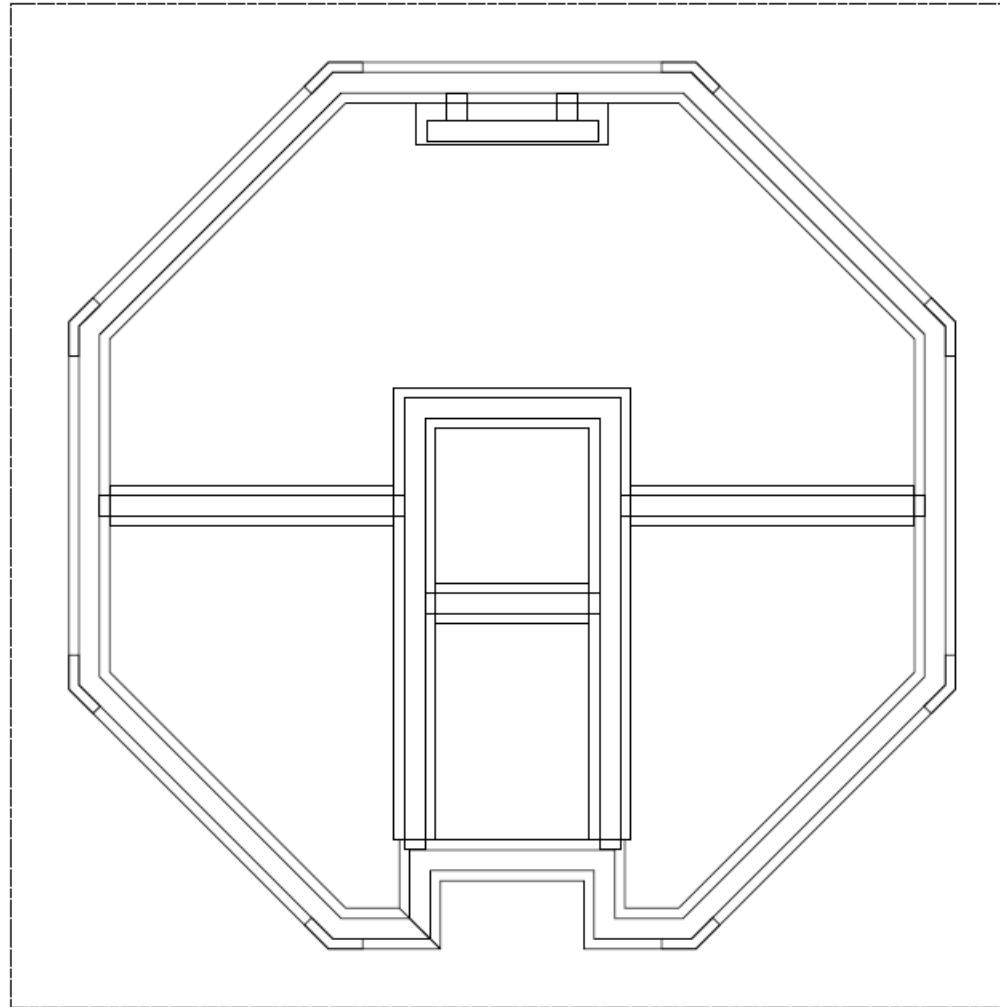


Foundations: + slabs



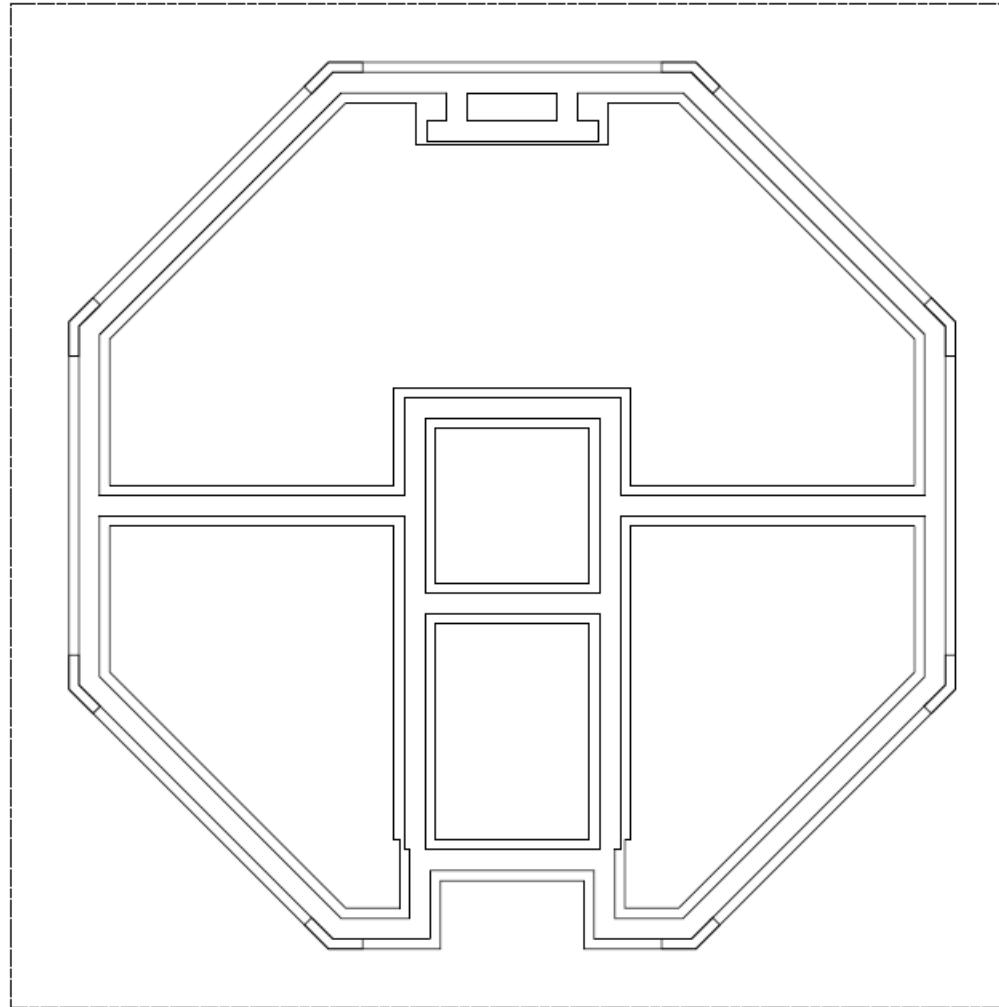


Foundations: 2D base model



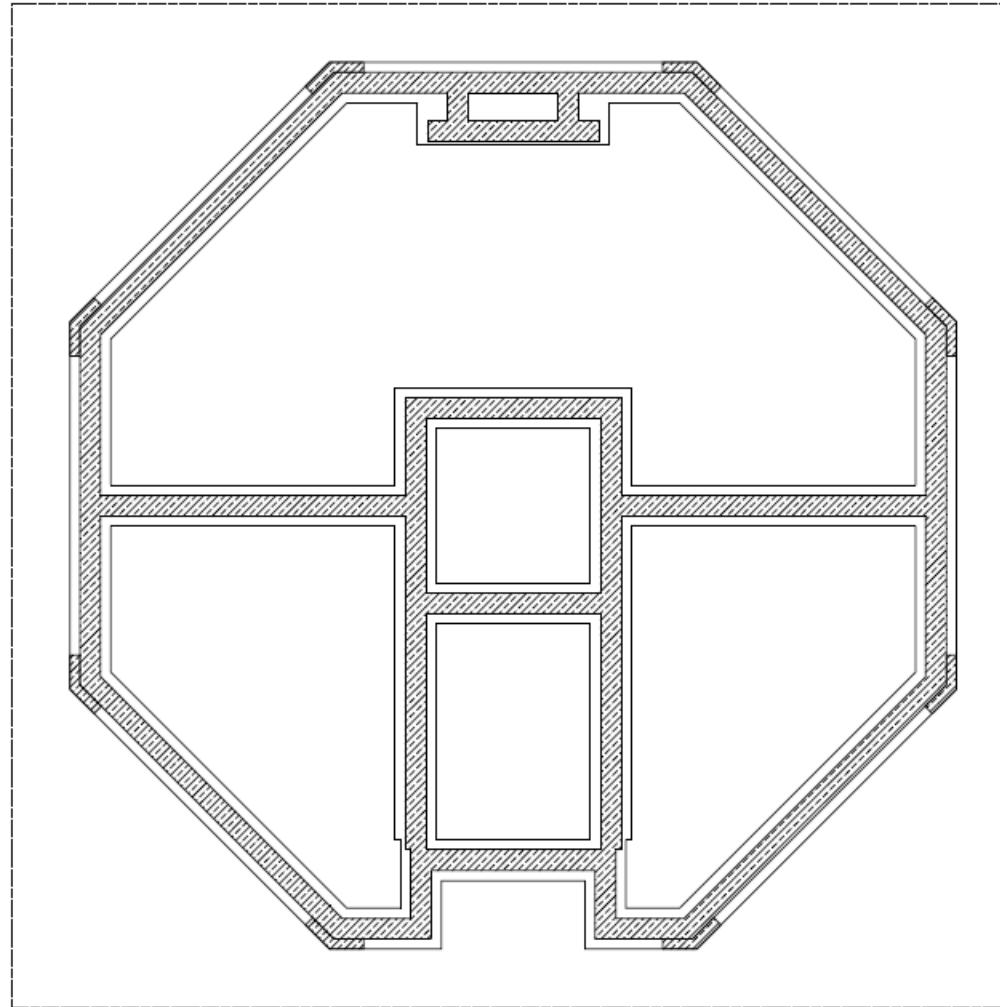


Foundations: 2D + blanks



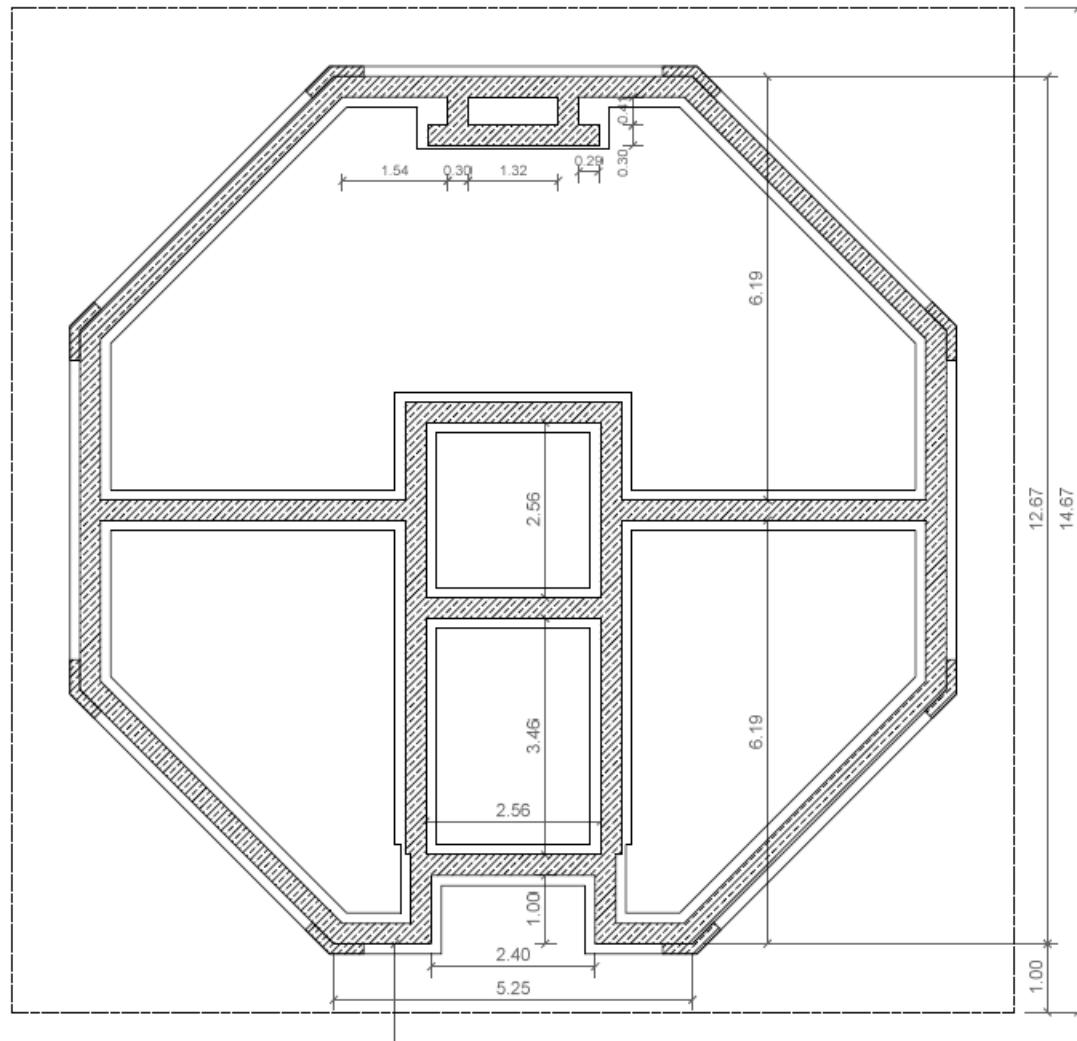


Foundations: 2D + hatch



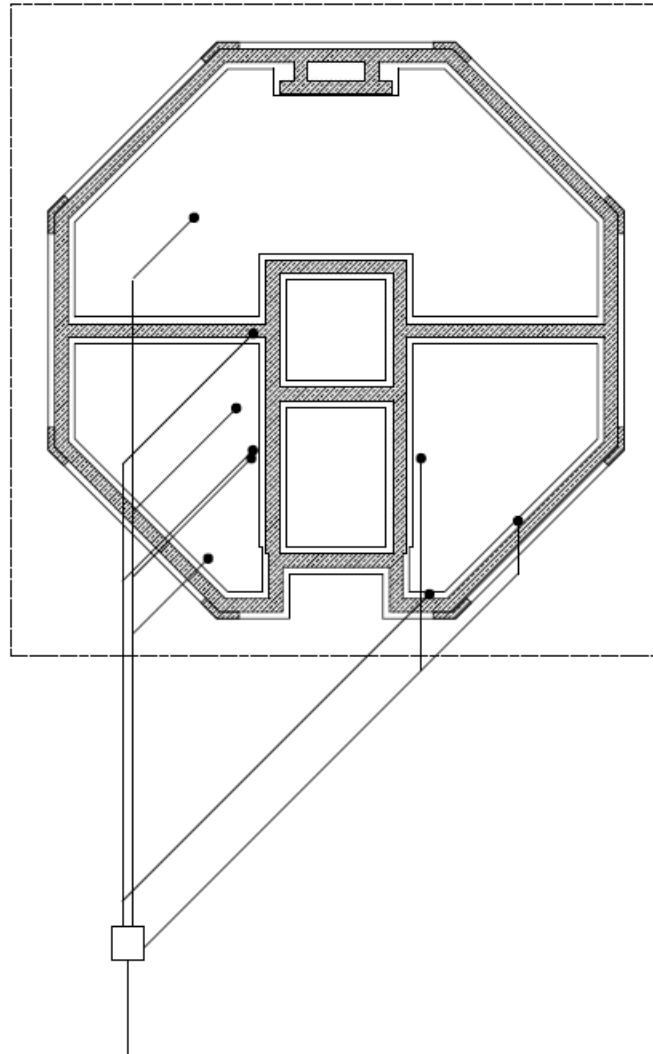


Foundations: 2D + dimensions



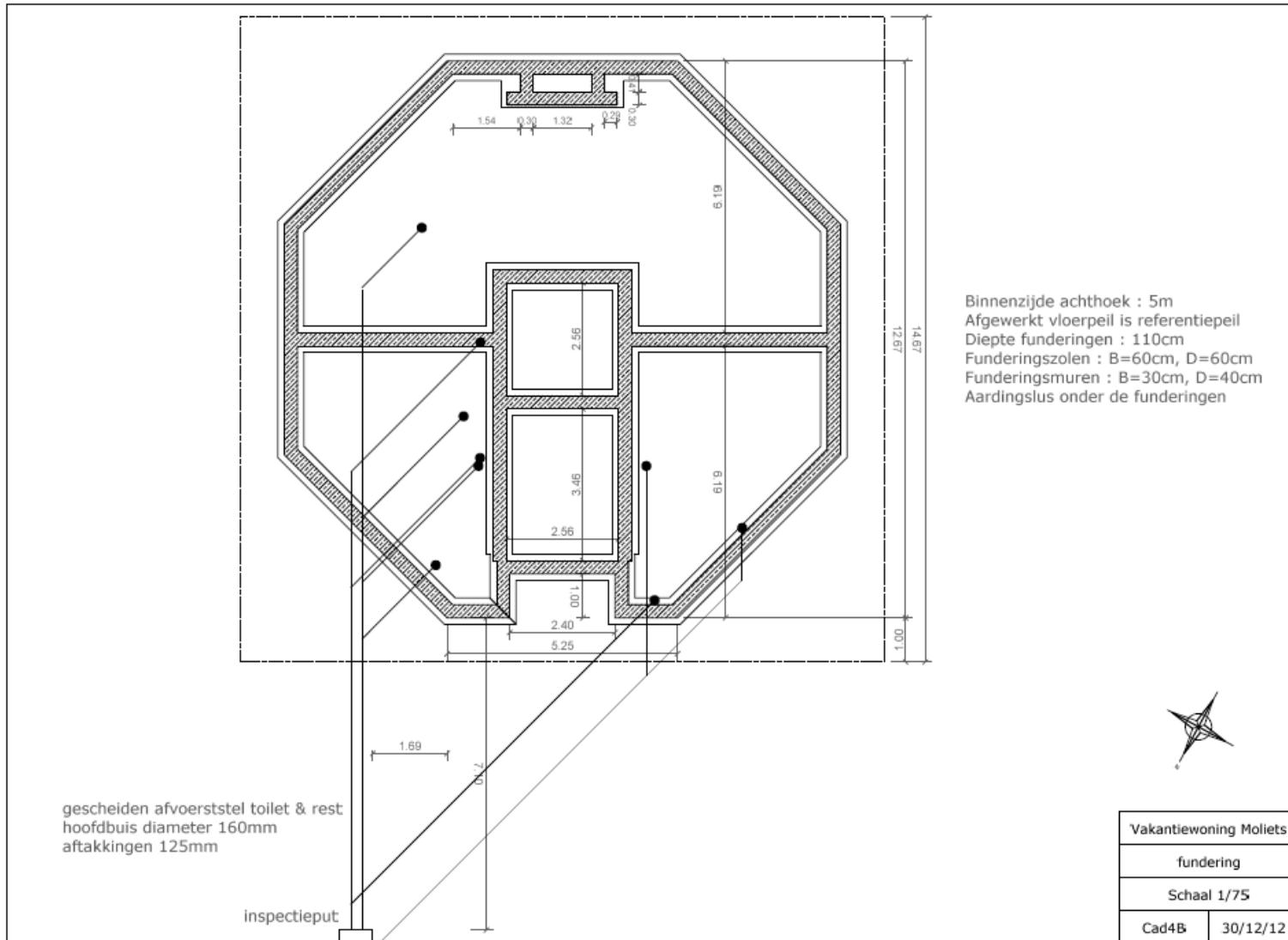


Foundations: 2D + sewerage



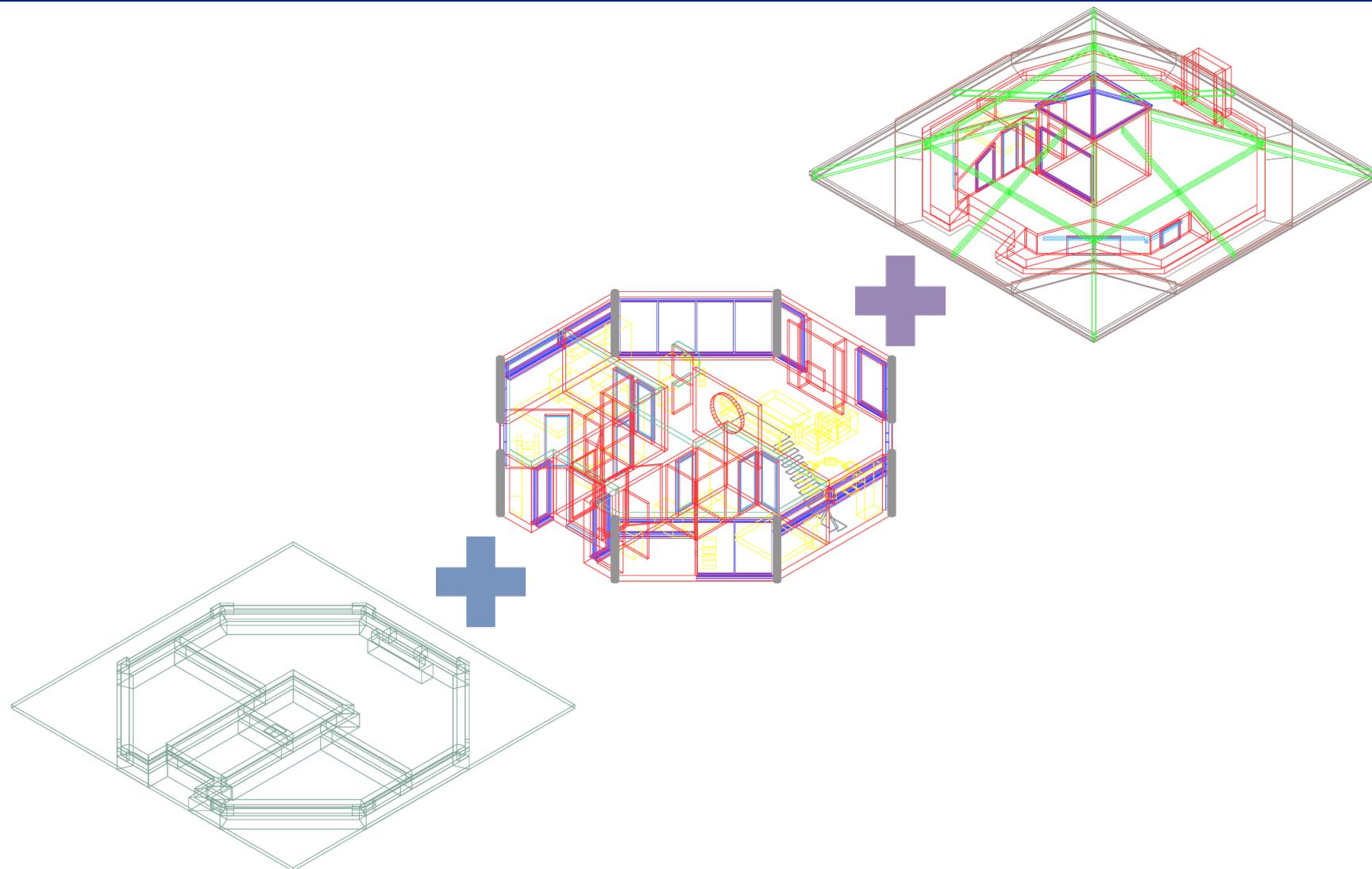


Foundations



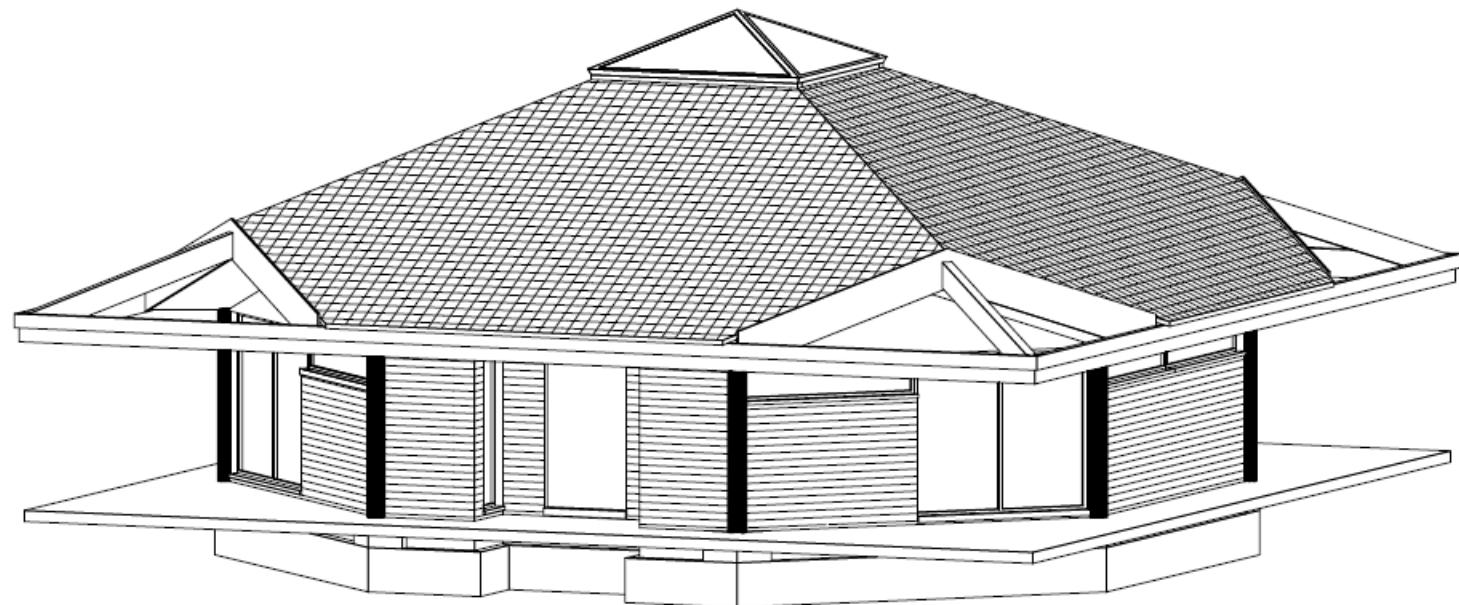


3D model: composing models





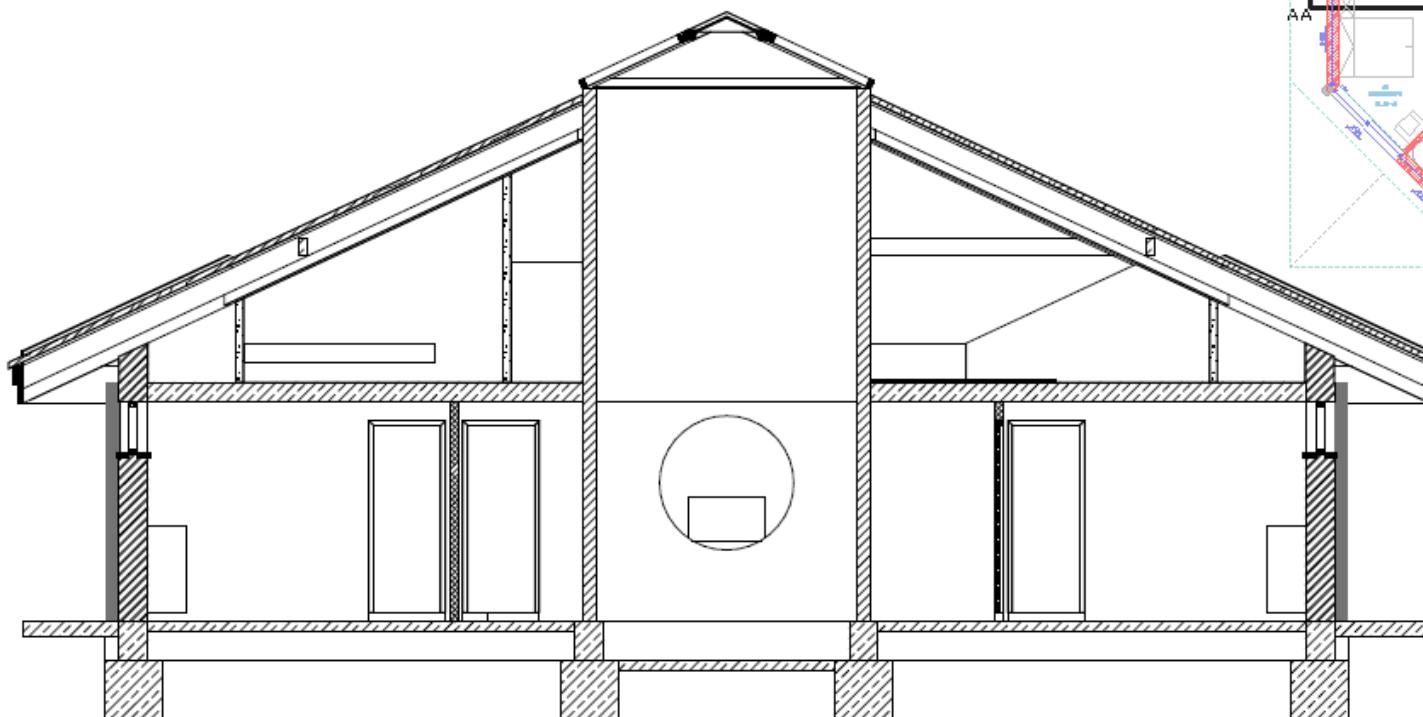
3D model: composed model



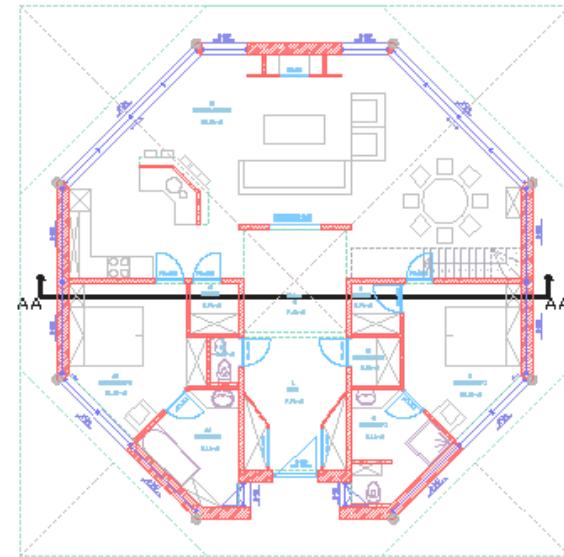
Vakantiewoning Mollets	
3D model	
Cad4B	30/12/12



Section AA

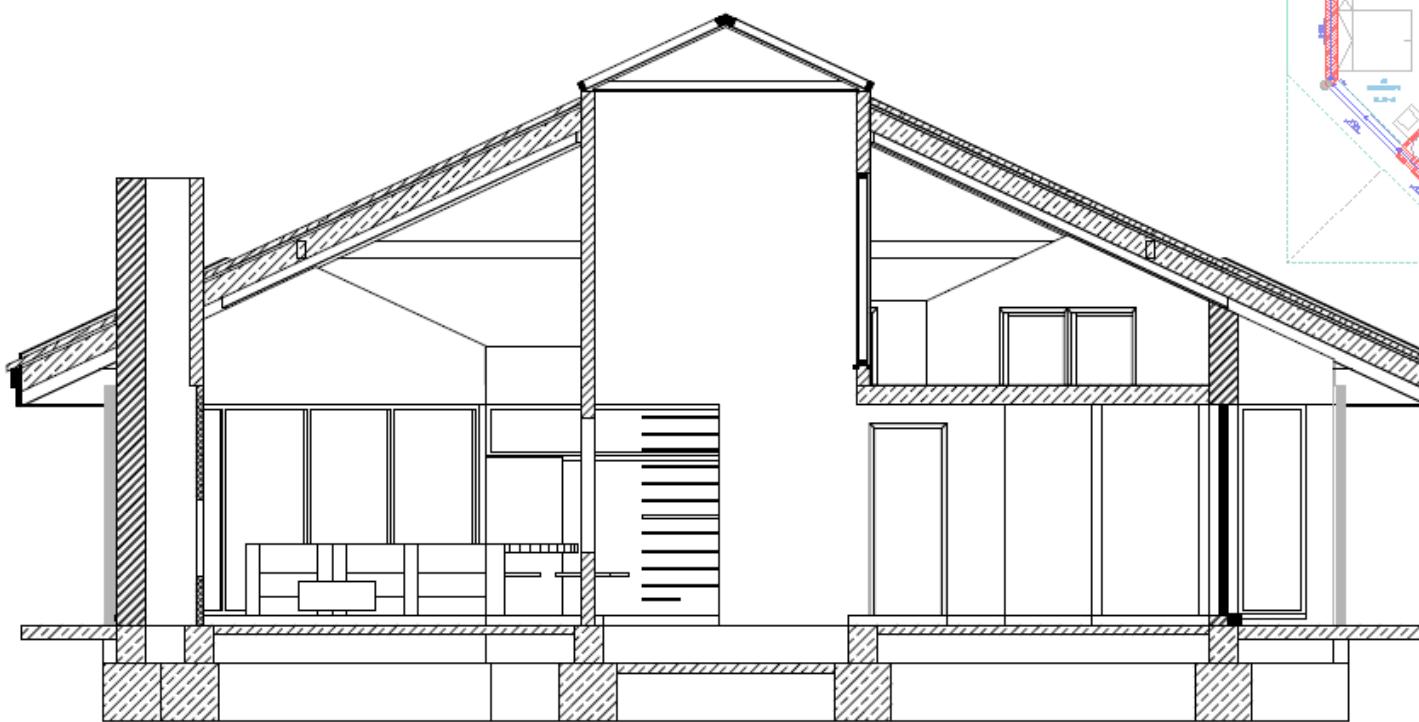


AA

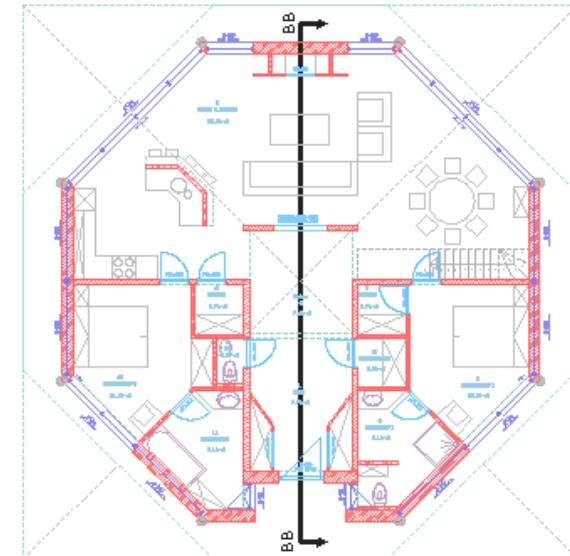




Section BB

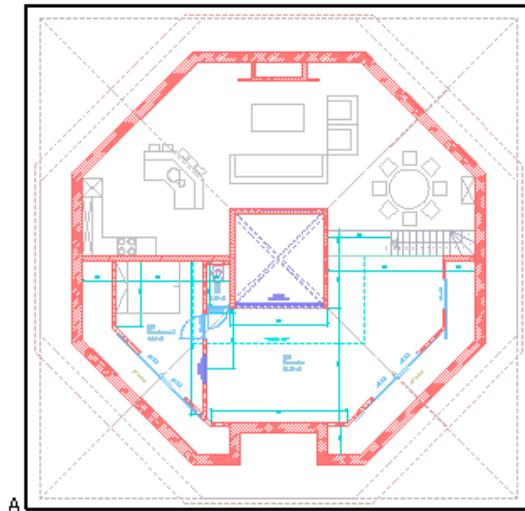
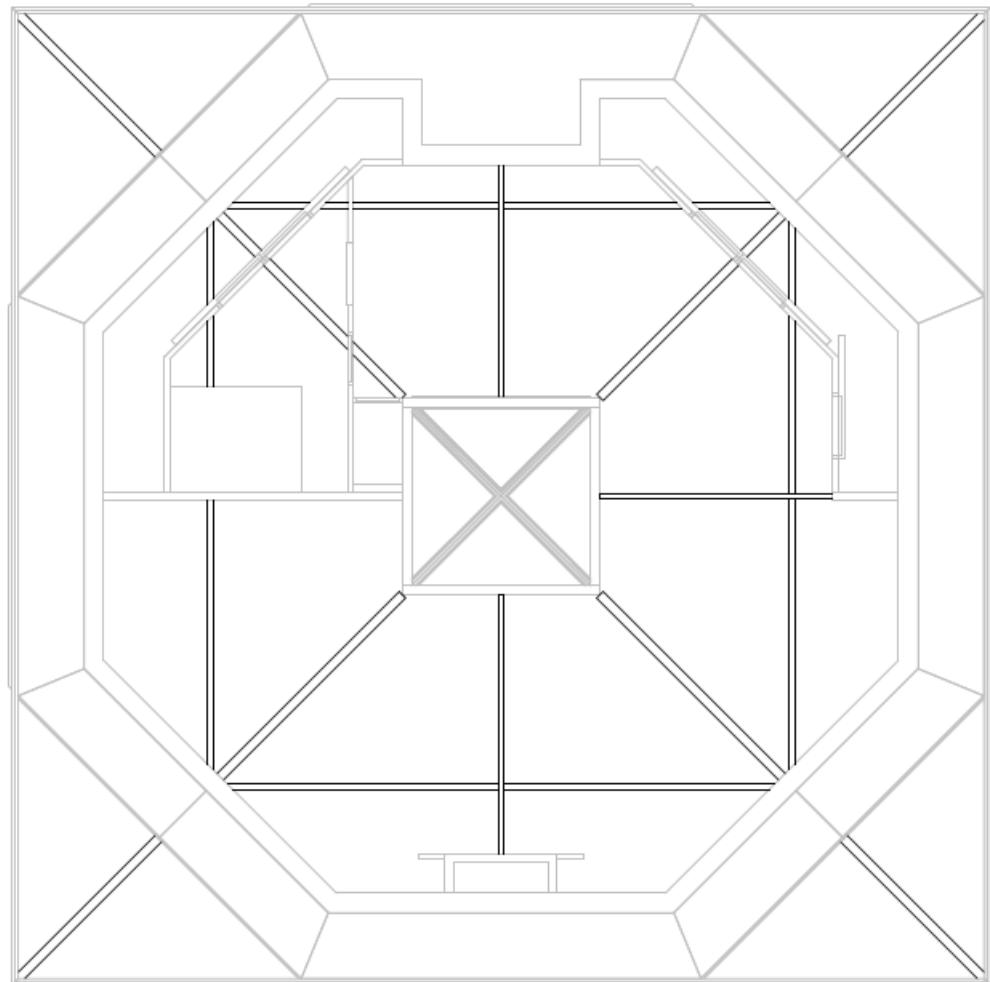


BB



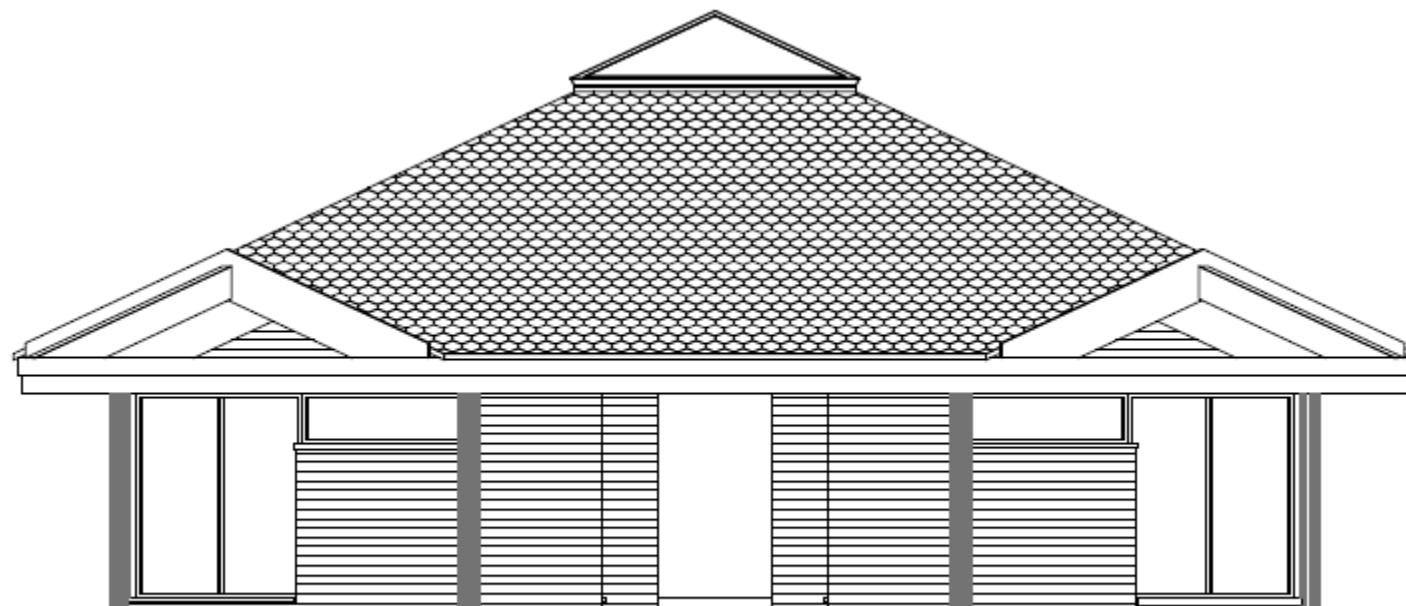


Section A (beams)





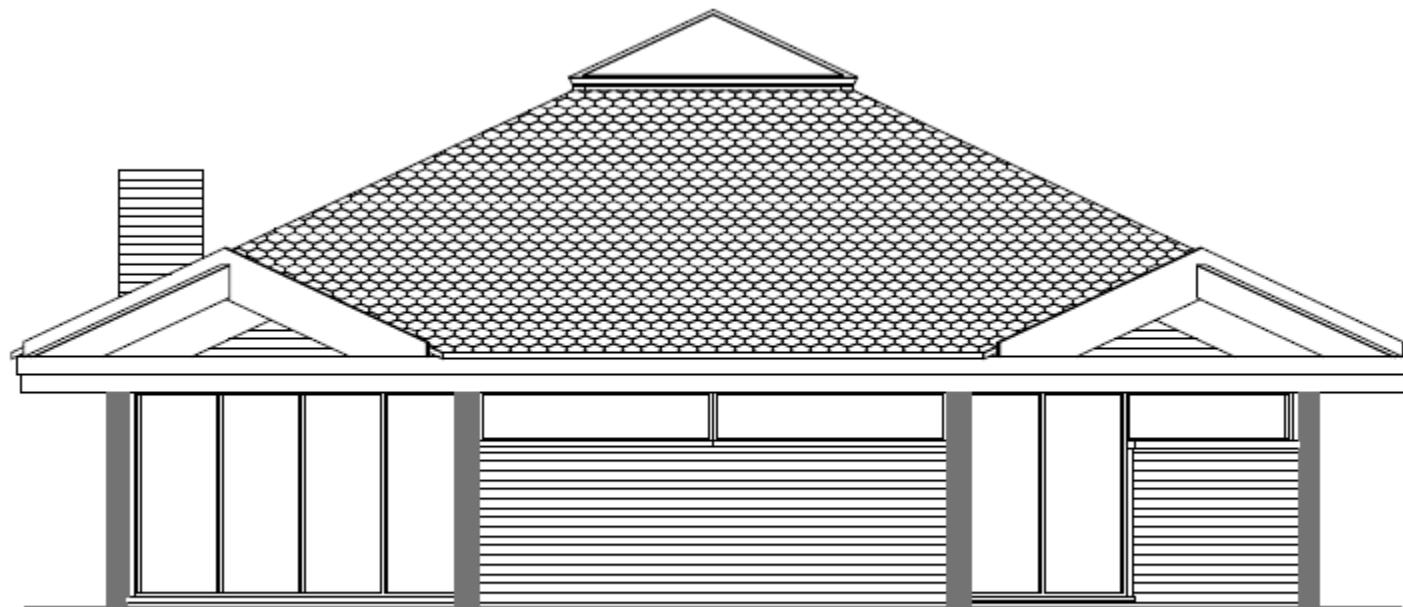
Front view



Front view



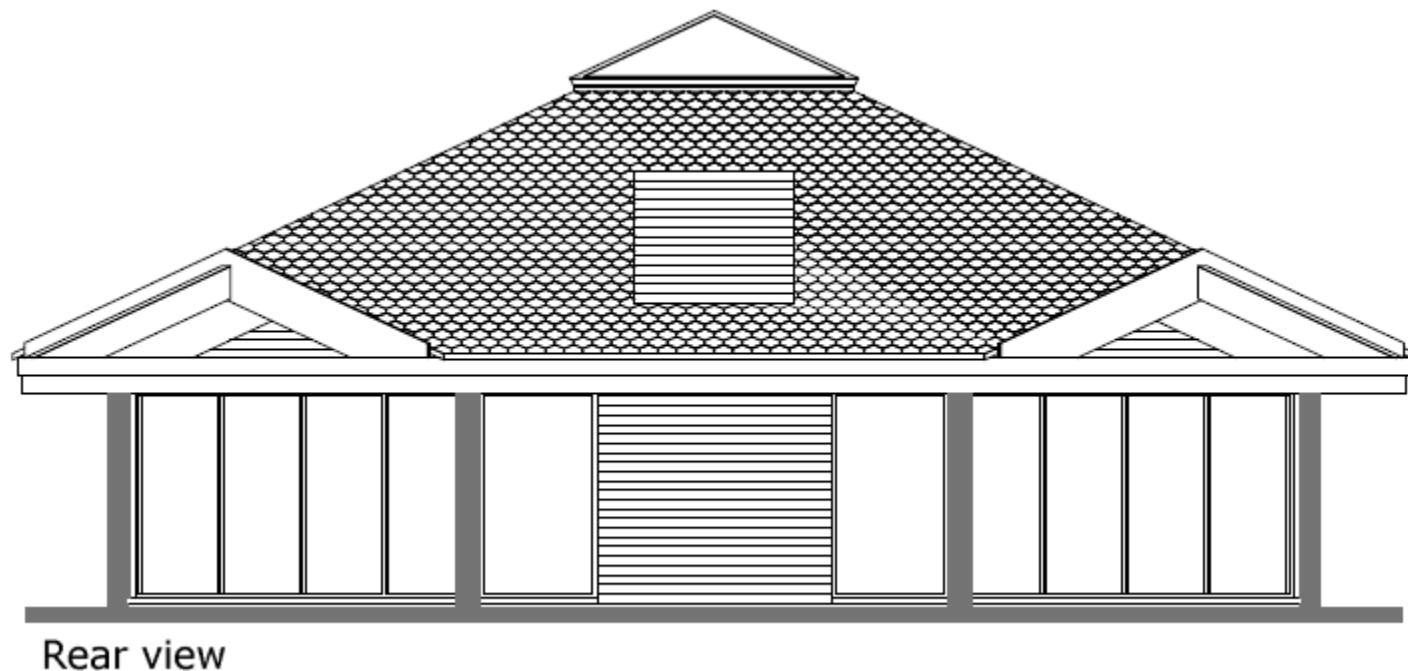
Left view



Left view

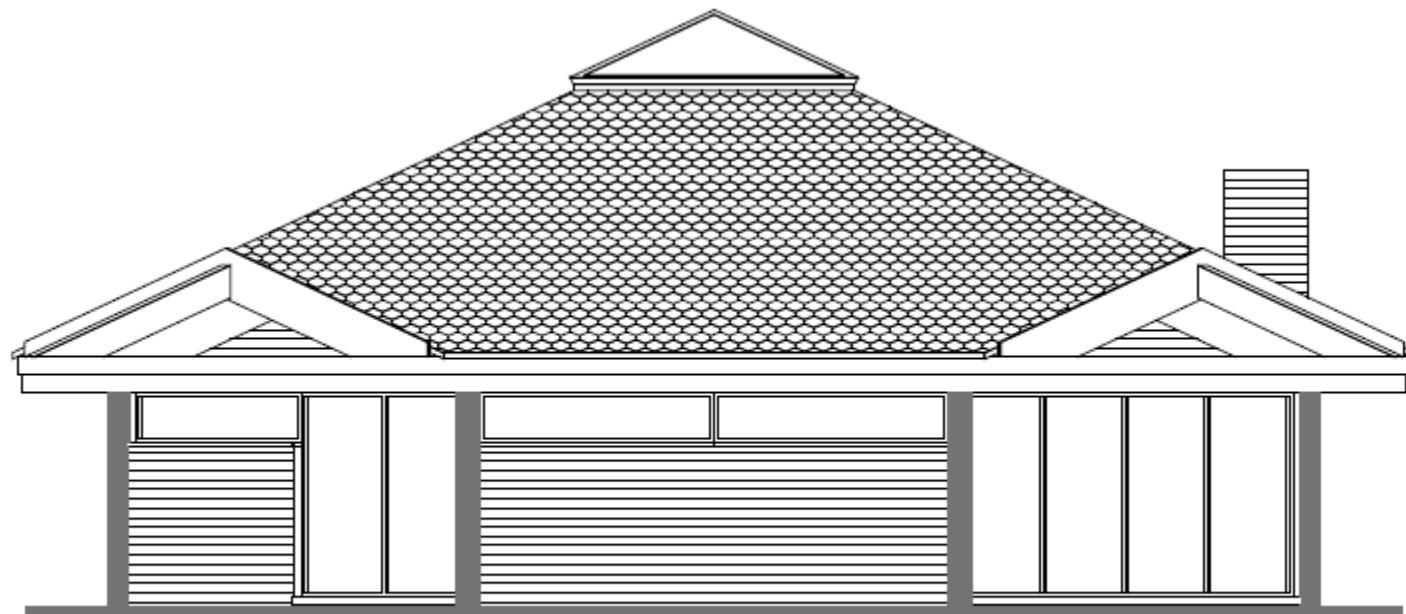


Rear view





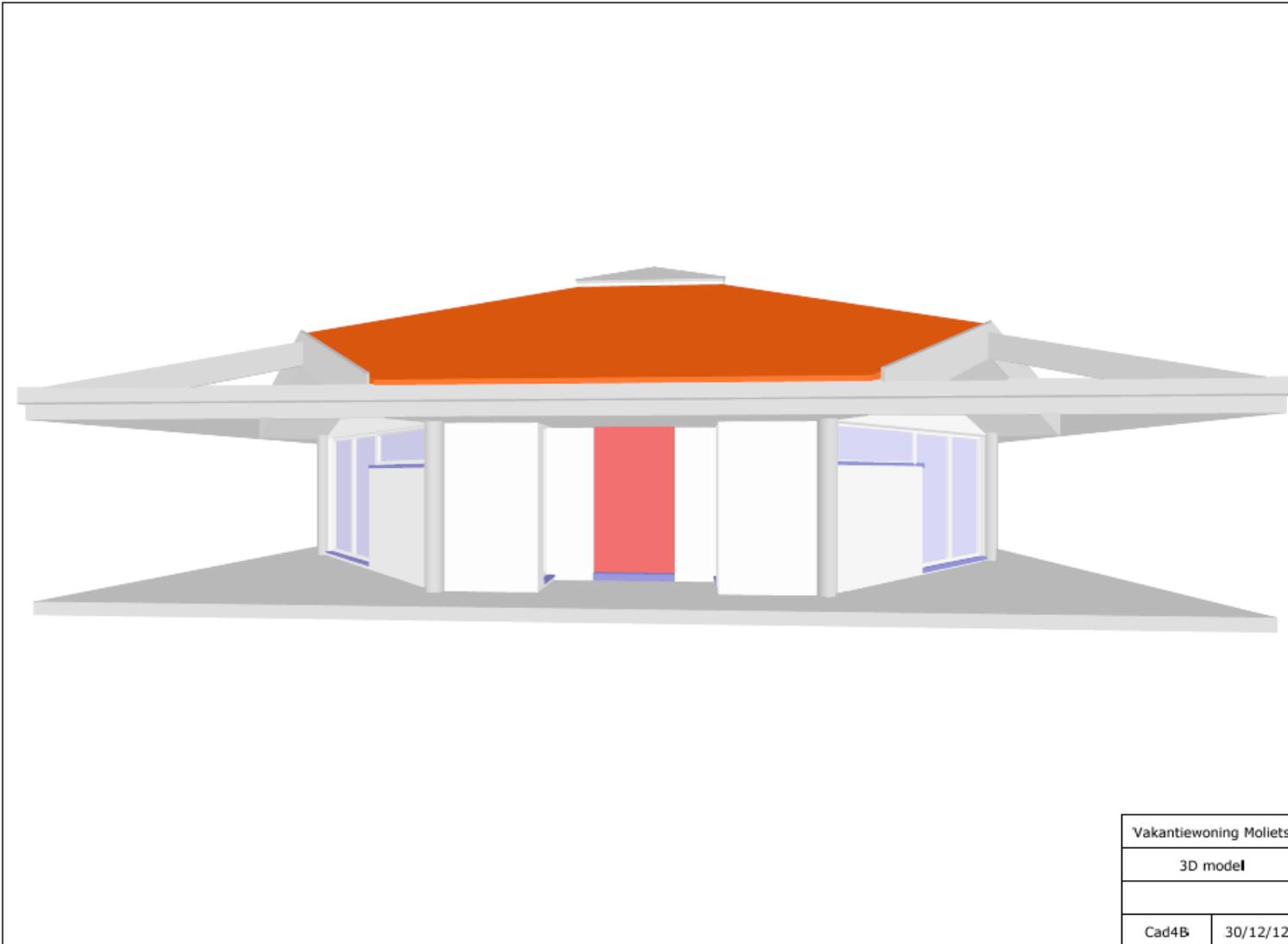
Right view



Right view

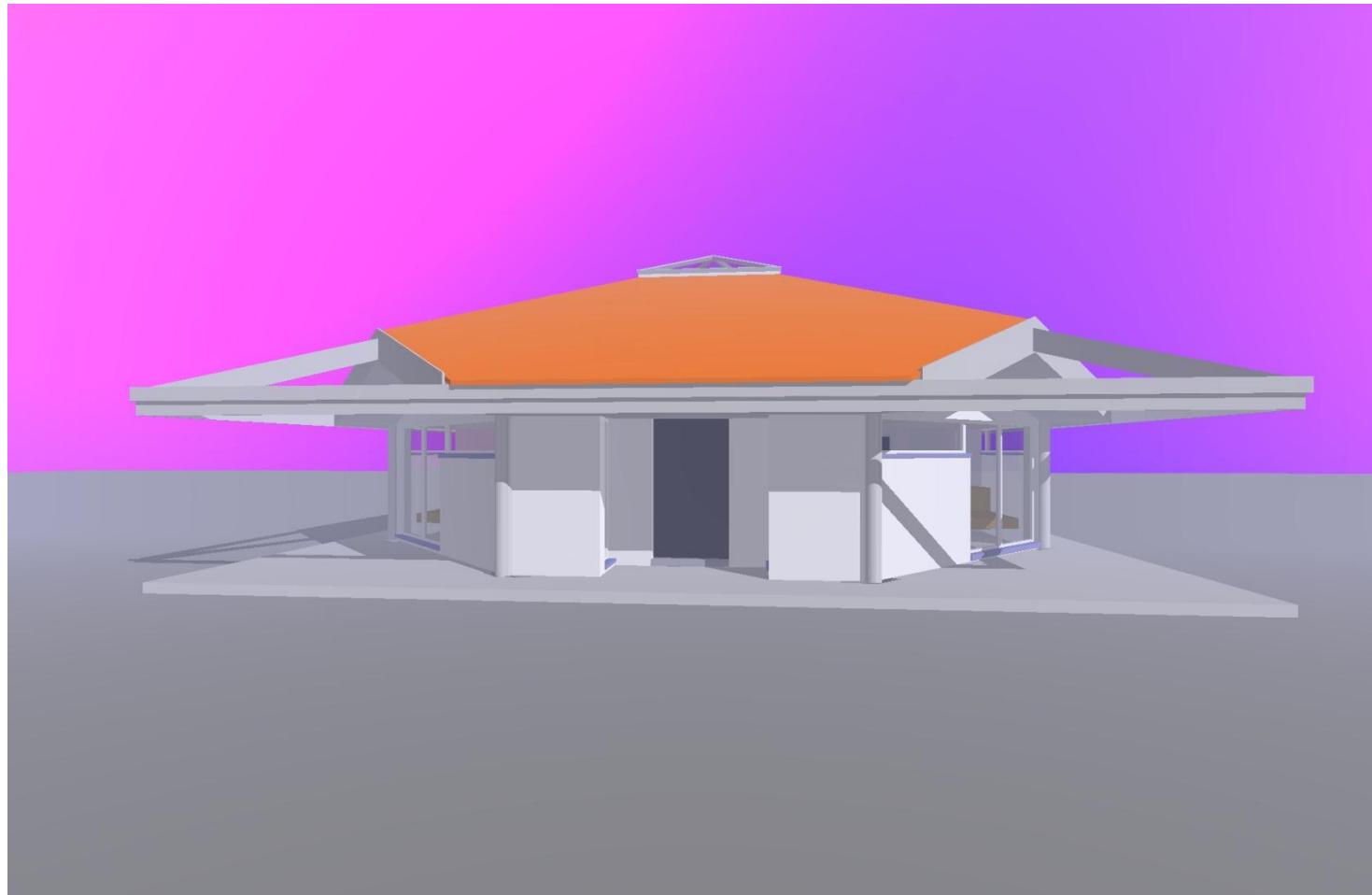


3D model - perspective view





Visualizations



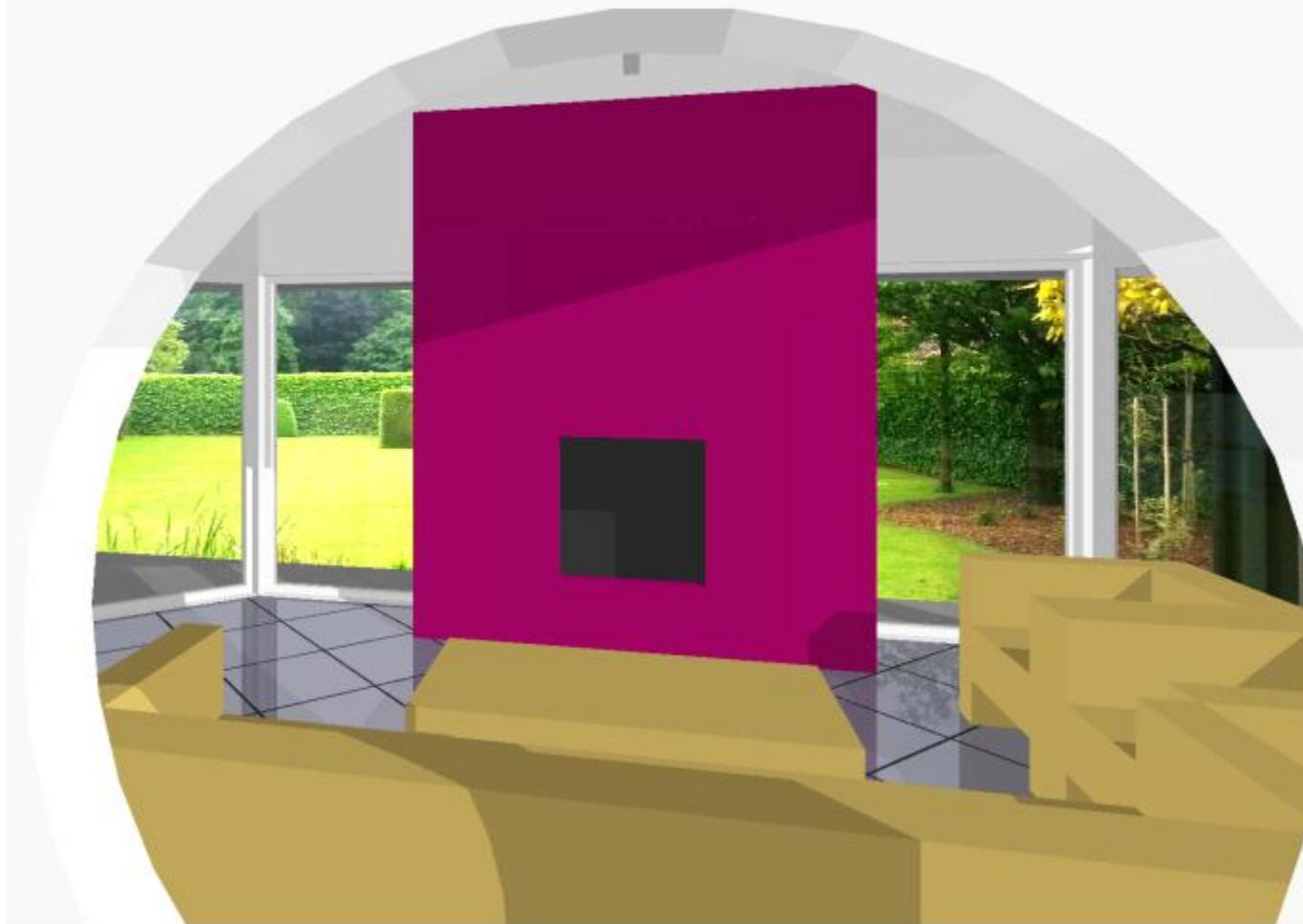


Visualizations



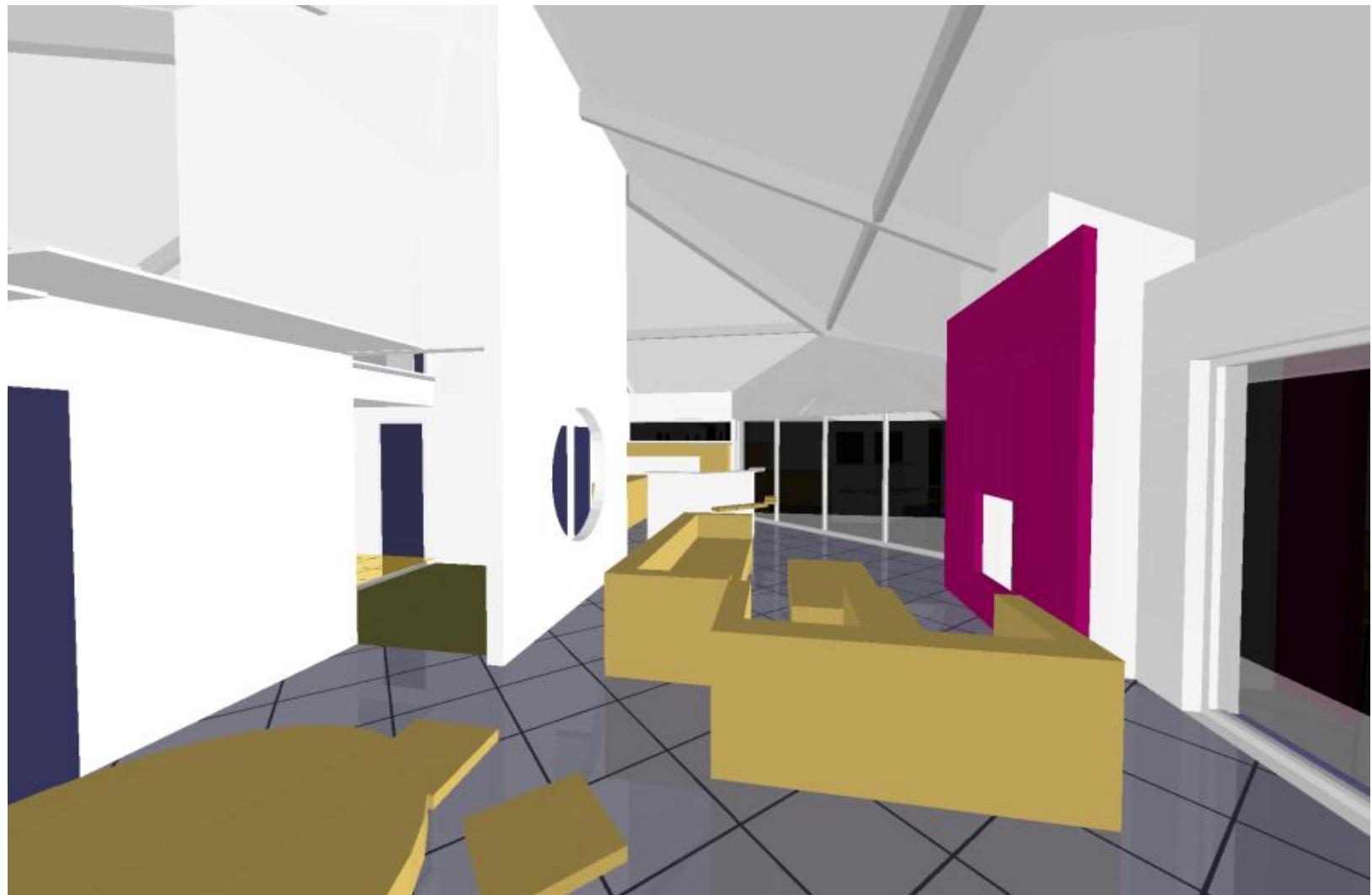


Visualizations



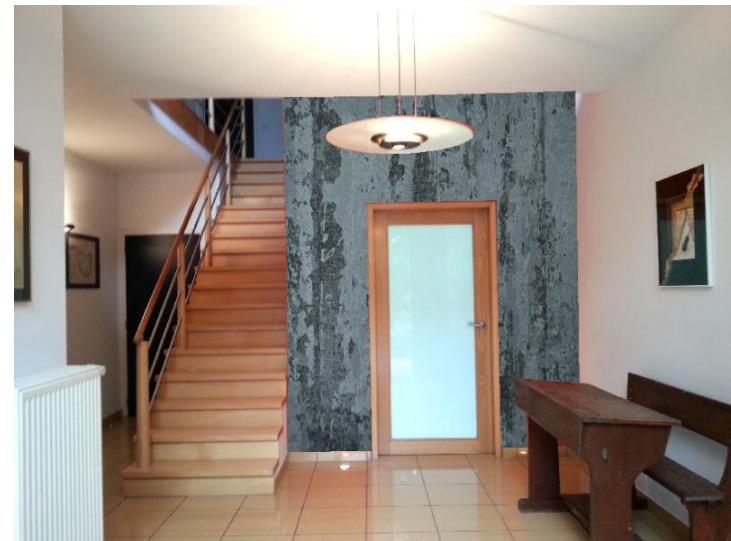
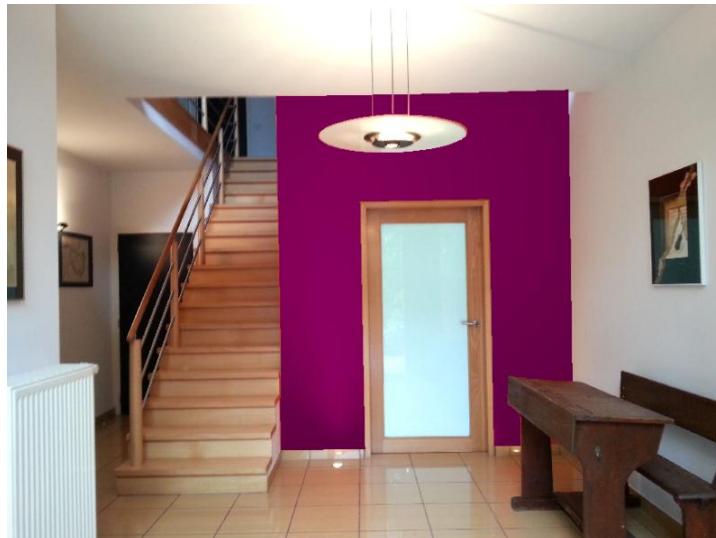
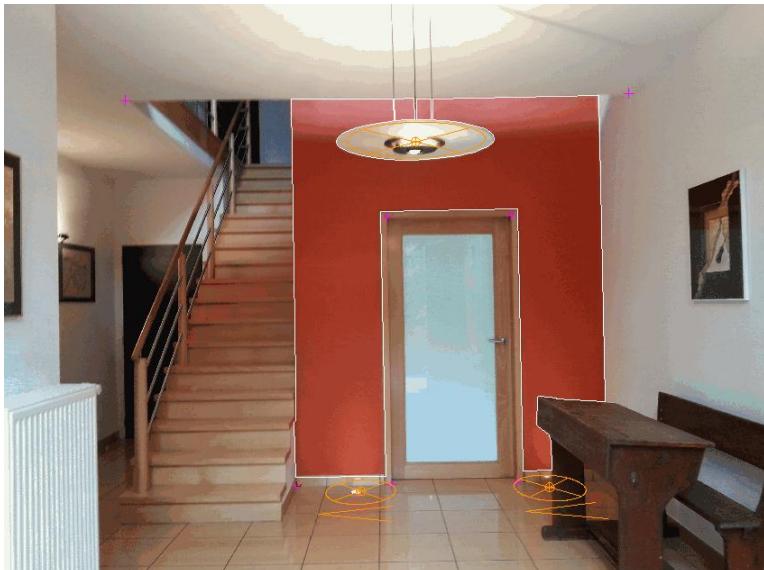


Visualizations





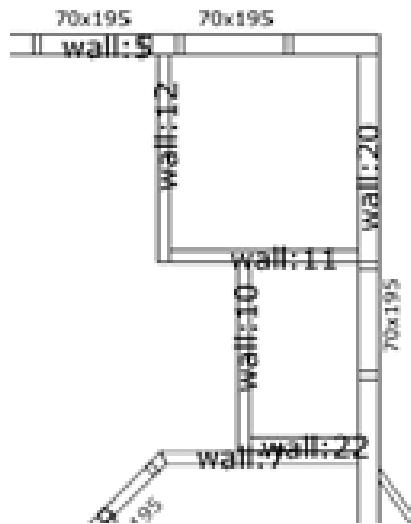
Simulations: calibrate photograph & map 2D polygons to 3D model & render





Measurement tables, measurement plans

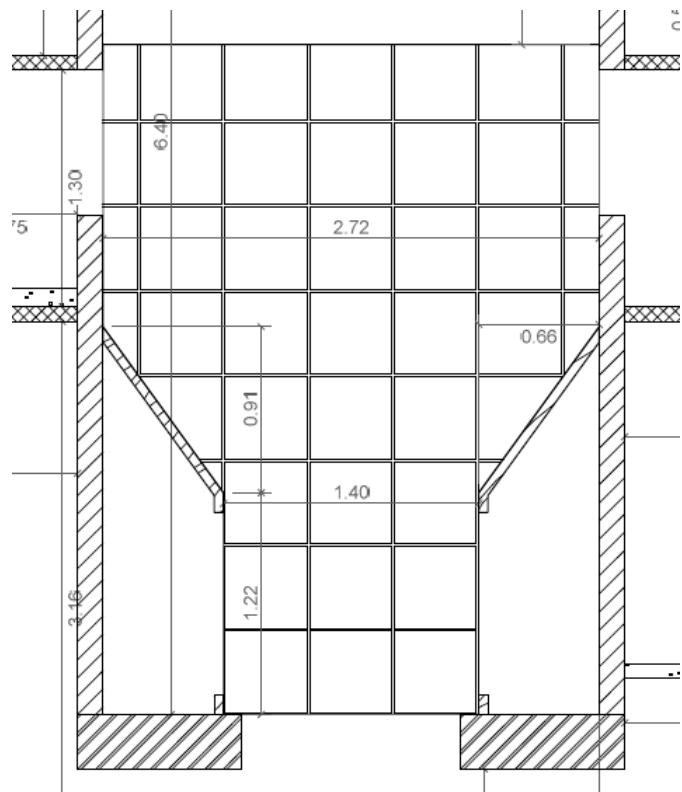
moliets\model\floor0	wall	1	SDESC2	arch_wall_standard_fm_0,30	DEPTH	0,3	PERIMETER	42,9941	HPERIMETER		AREA	12,8982	HAREA		LENGTH
moliets\model\floor0	wall	2	SDESC2	arch_wall_standard_bw_0,14	DEPTH	0,14	PERIMETER	3,53553	HPERIMETER	0,8	AREA	0,494975	HAREA	0,112	LENGTH
moliets\model\floor0	wall	3	SDESC2	arch_wall_standard_bw_0,14	DEPTH	0,14	PERIMETER	1,43	HPERIMETER		AREA	0,2002	HAREA		LENGTH
moliets\model\floor0	wall	4	SDESC2	arch_wall_standard_bw_0,14	DEPTH	0,14	PERIMETER	3	HPERIMETER		AREA	0,42	HAREA		LENGTH
moliets\model\floor0	wall	5	SDESC2	arch_wall_standard_bw_0,14	DEPTH	0,14	PERIMETER	4,67553	HPERIMETER	1,6	AREA	0,654575	HAREA	0,224	LENGTH
moliets\model\floor0	wall	6	SDESC2	arch_wall_standard_bw_0,14	DEPTH	0,14	PERIMETER	4,67553	HPERIMETER	0,8	AREA	0,654575	HAREA	0,112	LENGTH
moliets\model\floor0	wall	7	SDESC2	arch_wall_standard_lw1_0,08	DEPTH	0,08	PERIMETER	1,34	HPERIMETER		AREA	0,1072	HAREA		LENGTH
moliets\model\floor0	wall	8	SDESC2	arch_wall_standard_lw1_0,08	DEPTH	0,08	PERIMETER	1,3	HPERIMETER		AREA	0,104	HAREA		LENGTH
moliets\model\floor0	wall	9	SDESC2	arch_wall_standard_lw1_0,08	DEPTH	0,08	PERIMETER	2,01917	HPERIMETER	0,8	AREA	0,161533	HAREA	0,064	LENGTH
moliets\model\floor0	wall	10	SDESC2	arch_wall_standard_lw1_0,08	DEPTH	0,08	PERIMETER	1,3	HPERIMETER		AREA	0,104	HAREA		LENGTH
moliets\model\floor0	wall	11	SDESC2	arch_wall_standard_lw1_0,08	DEPTH	0,08	PERIMETER	1,3	HPERIMETER		AREA	0,104	HAREA		LENGTH
moliets\model\floor0	wall	12	SDESC2	arch_wall_standard_lw1_0,08	DEPTH	0,08	PERIMETER	1,43	HPERIMETER		AREA	0,1144	HAREA		LENGTH
moliets\model\floor0	wall	13	SDESC2	arch_wall_standard_lw1_0,08	DEPTH	0,08	PERIMETER	2,01917	HPERIMETER	0,8	AREA	0,161533	HAREA	0,064	LENGTH





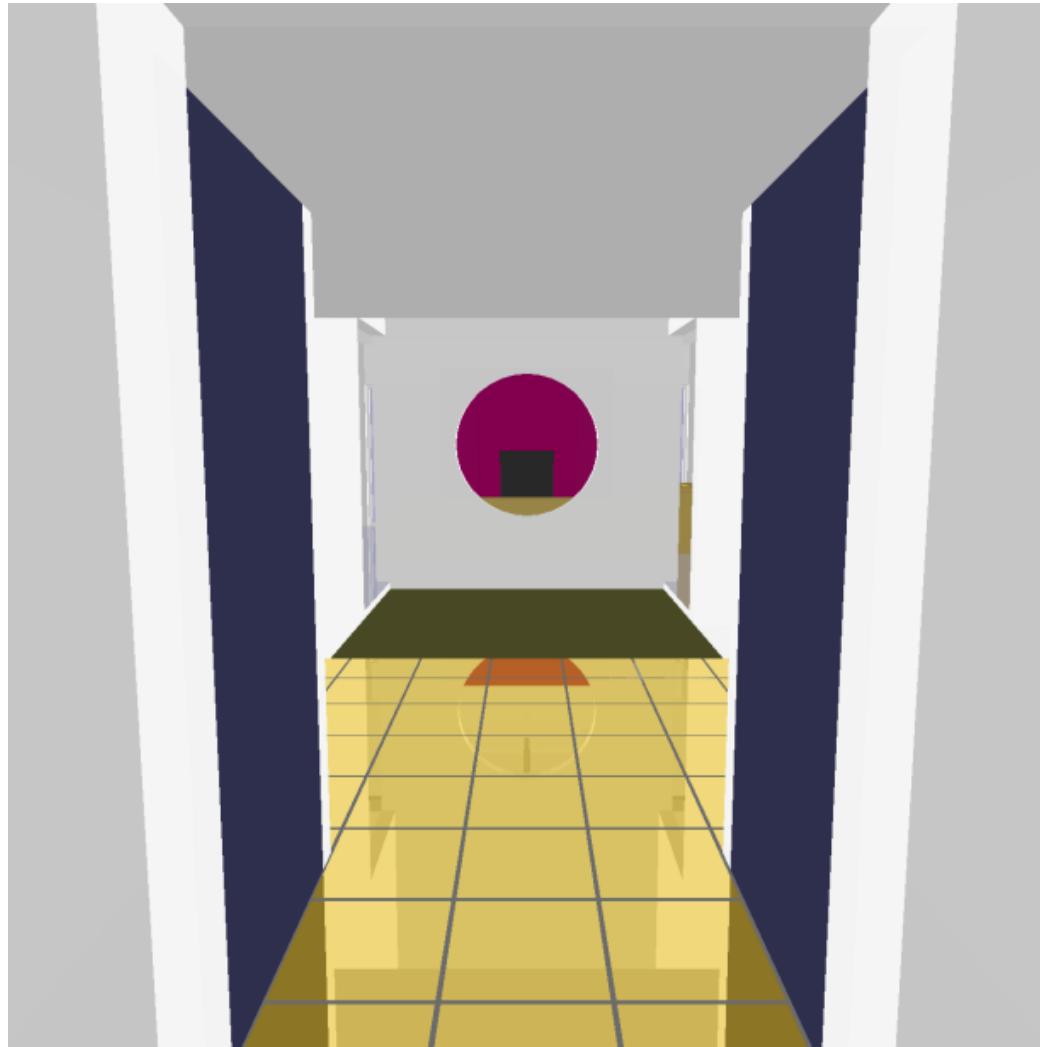
Measurement of coverings, execution plans

Project floor_moliet\model\floor0_2634_45x45									
Omschrijving Hall : Yellow polished tile									
Voeg Dark gray									
Voegdikte 0.015									
Netto oppervlakte 7.79062									
Omtrek 11.8989									
Snijlengte 8.434									
9 Type Onder Rechts Boven Links Aantal	Afz.	aantallen Oppervl. Voeglengte							
10 C 0.450 0.450 0.450 0.450 27	1:27	5.4675	24.300						
11 LB 0.127 0.450 0.450 0.005 1	1:1	0.2025	0.900						
12 BR 0.132 0.012 0.450 0.450 1	1:1	0.2025	0.900						
15 TLB 0.187 0.450 0.187 0.000 2	1:2	0.1683	1.275						
16 BRT 0.004 0.000 0.193 0.450 1	1:1	0.0868	0.548						
16 BRT 0.193 0.000 0.193 0.450 2	1:2	0.1737	1.285						
18 RTL 0.450 0.413 0.000 0.413 5	1:5	0.9293	4.315						
23 R 0.000 0.000 0.122 0.168 1	1:1	0.0205	0.290						
23 R 0.000 0.161 0.117 0.000 1	1:1	0.0188	0.278						
23 R 0.000 0.449 0.187 0.000 1	1:1	0.0840	0.636						
23 R 0.187 0.413 0.000 0.000 1	1:1	0.0772	0.600						
23 R 0.193 0.000 0.000 0.413 1	1:1	0.0797	0.606						
30	44	1:44	7.51	41.883					





Simulation of coverings





Back office : bill of materials, descriptive bill of materials, quotations, invoices, orders, ...



Offertennr. :	2014053001	Ruben Marijsse	Leveringsadres:
Datum:	30/05/2014	Patersmotestraat 35 bus 3	
Klantnr.:	4	8500 Kortrijk	Ruben Deru International
Contactpersoon:	Frank Marijsse	België	Patersmotestraat 35
Uitvoeringsdatum:	1/07/2014	Tel. +32 56 202219	8500 Kortrijk
		GSM +32 475 584227	België
		Email ruben.marijsse@hotmail.com	

Art. code	Omschrijving	Aantal	Eenh.	Eenh. Prijs	Prijs
01.000002	Hall : Yellow polished tile Rome DF02 Gele gepolijste keramische tegel 40x40	5	box	60,00€	300,00€
02.000002	Hall : Yellow polished tile Rome DF02-B Plint 8 cm voor gele gepolijste keramische tegel 40x40 (te snijden)	11,899	m	10,00€	118,99€
04.000001	Hall : Yellow polished tile Zandcementbed 5 cm	0,39	m3	120,00€	46,80€
04.000002	Hall : Yellow polished tile Plastiek folie 0,3 mm	7,791	m2	1,50€	11,69€
04.000003	Hall : Yellow polished tile Mousse voor rand	11,899	m	0,75€	8,92€
03.000001	Hall : Yellow polished tile Donker grijs, fijne korrel	10	kg	2,20€	22,00€
06.000001	Hall : Yellow polished tile Plaatsing/m2 tarief 1	7,791	m2	25,00€	194,78€

Betalingsvoorwaarden: voorshot: 30%, bij aanvang 40%, na afwerking 30%	Totaal excl. btw	703,18€
Voor akkoord: Ruben Marijsse	Korting	10%
	Prijs exc.btw	632,80€
	BTW	6%
	Alg. totaal	670,77€