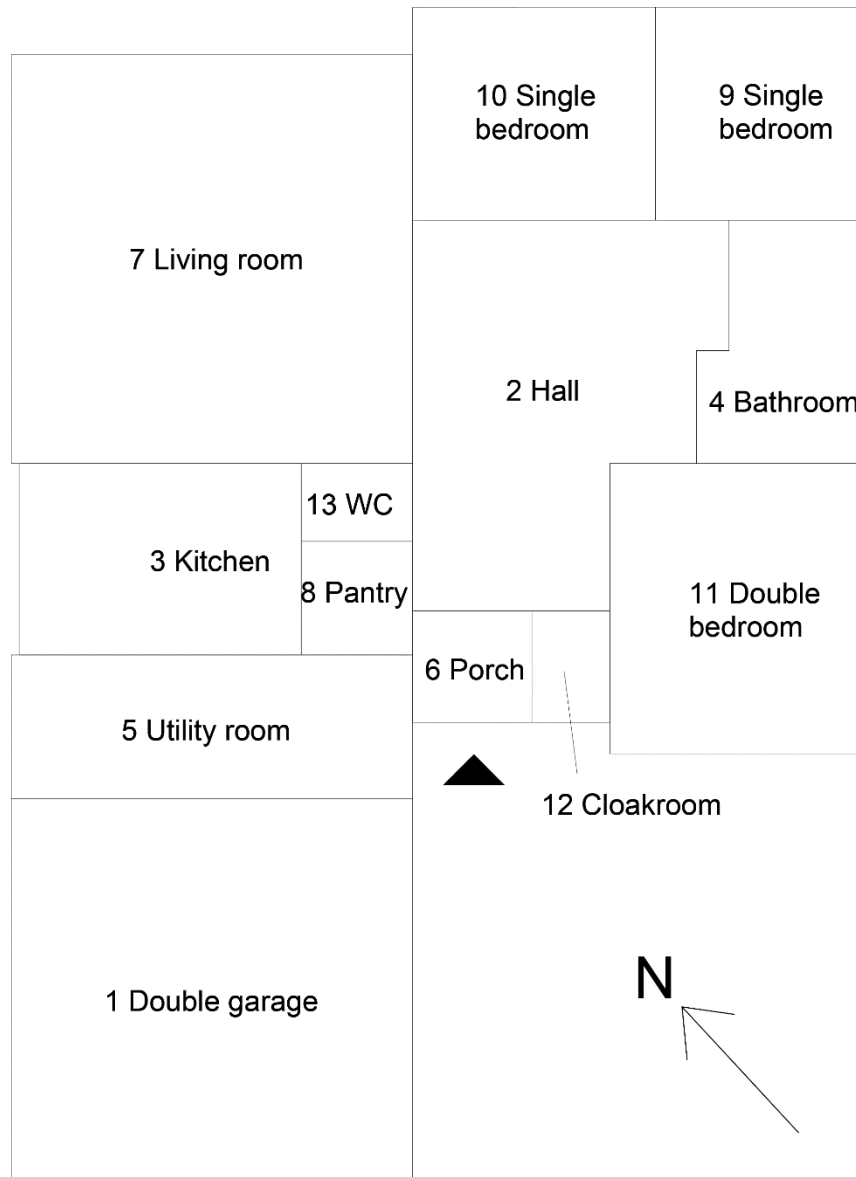


**Simon G2** is example of a popular catalogue single family house design provided by Archipelag design studio (Wrocław, Poland). The building maintained in modern style preserving the archetypal symbolism of the house. Detached, one storey house, with attic for later adaptation to residential purposes, without cellar, with garage for two cars, designed for 3-4 family. Contains a clearly separated daily area consisting of a living room connected to a kitchen and a terrace and private zone with three independent bedrooms. In the entrance area located at the front of the building, the utility space was separated along with a twobay garage.

### Floor simplified layout



### Room geometrical properties

No.	Floor	Name	Area sq. m.	Dimension Y (width) bounding box (cm)	Dimension X (length) bounding box (cm)	Bounding box area (sq. m.)	Area sq. Cm	Bounding box area sq. cm.	Room location relative to cardinal directions
1	0	Double garage	31,99	556	576	32,03	319900	320265	South West, West
2	0	Hall	20,92	561	454	25,47	209200	254704	Inner space
3	0	Kitchen	11,11	275	404	11,11	111100	111087	North West
4	0	Bathroom	7,71	349	247	8,62	77100	86216	South East

5	0	Utility room	11,6	206	576	11,87	116000	118665	North West
6	0	Porch	2,66	160	166	2,66	26600	26560	South West
7	0	Living room	33,81	587	576	33,81	338100	338147	North West, North, North East
8	0	Pantry	2,42	151	160	2,42	24200	24154	Inner space
9	0	Single bedroom	9,36	306	306	9,36	93600	93639	East
10	0	Single bedroom	10,65	306	348	10,65	106500	106492	North East
11	0	Double bedroom	15,39	417	371	15,47	153900	154697	South
12	0	Cloakroom	1,68	160	105	1,68	16800	16800	South West
13	0	WC	1,6	100	160	1,60	16000	16000	Inner space
		<b>TOTAL AREA</b>	160,9						

Room adjacency matrix

	Double garage	Hall	Kitchen	Bathroom	Utility room	Porch	Living room	Pantry	Single bedroom	Single bedroom	Double bedroom	Cloakroom	WC
Double garage	-	0	0	0	1	0	0	0	0	0	0	0	0
Hall	0	-	0	1	0	1	1	0	1	1	1	0	1
Kitchen	0		-	0	0	0	1	1	0	0	0	0	0
Bathroom	0	1	0	-	0	0	0	0	0	0	0	0	0
Utility room	1	0	0	0	-	1	0	0	0	0	0	0	0
Porch	0	1	0	0	1	-	0	0	0	0	0	1	0
Living room	0	1	1	0	0	0	-	0	0	0	0	0	0
Pantry	0	0	1	0	0	0	0	-	0	0	0	0	0
Single bedroom	0	1	0	0	0	0	0	0	-	0	0	0	0
Single bedroom	0	1	0	0	0	0	0	0	0	-	0	0	0
Double bedroom	0	1	0	0	0	0	0	0	0	0	-	0	0
Cloakroom	0	0	0	0	0	1	0	0	0	0	0	-	0
WC	0	1	0	0	0	0	0	0	0	0	0	0	-

Room topological graph

