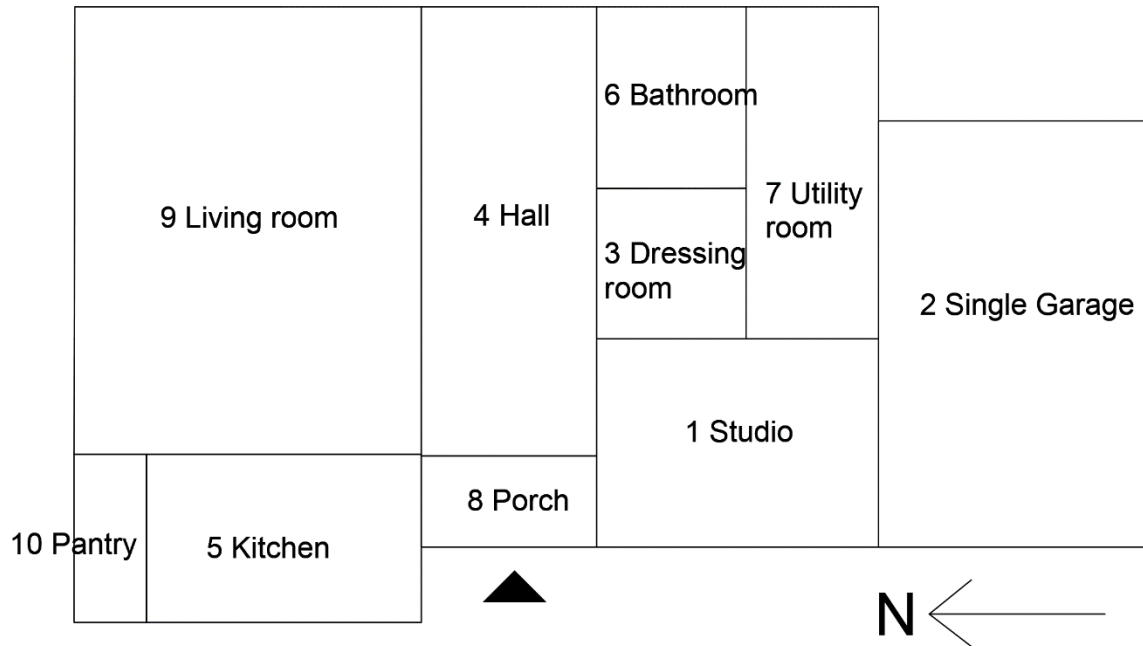


Logan G1 is example of popular catalog detached single family home designed for a 3 to 5 persons provided by Archipelag design studio (Wrocław, Poland). The house has a traditional layout with clear division for day zone located on ground floor and night zone located on first floor. Two storey house with attic, without basement and with garage for one car. The design maintained in modern style preserving the archetypal symbolism of the house, with clearly separated living, private and utility spaces zones.

### 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	Studio	10,39	280	371	10,39	103900	103880	West
2	0	Double garage	20,81	596	356	21,22	208100	212176	West, South, East
3	0	Cloakroom	3,8	200	198	3,96	38000	39600	Inner space
4	0	Hall	13,57	628	221	13,88	135700	138788	East
5	0	Kitchen	9,04	235	384	9,02	90400	90240	West
6	0	Bathroom	4,42	254	174	4,42	44200	44196	East
7	0	Utility room	8,35	464	186	8,63	83500	86304	East, South
8	0	Porch	2,57	116	221	2,56	25700	25636	West
9	0	Living room	29,84	614	486	29,84	298400	298404	East, North
10	0	Pantry	2,12	235	90	2,12	21200	21150	West, North
		<b>TOTAL AREA</b>	104,91						

Room adjacency matrix

	Studio	Double garage	Cloakroom	Hall	Kitchen	Bathroom	Utility room	Porch	Living room	Pantry
Studio	-	0	0	1	0	0	0	0	0	0
Double garage	0	-	0	0	0	0	1	0	0	0
Cloakroom	0	0	-	1	0	1	1	0	0	0
Hall	1	0	1	-	0	0	0	1	1	0
Kitchen	0	0	0	0	-	0	0	0	1	1
Bathroom	0	0	1	0	0	-	0	0	0	0
Utility room	0	1	1	0	0	0	-	0	0	0
Porch	0	0	0	1	0	0	0	-	0	0
Living room	0	0	0	1	1	0	0	0	-	0
Pantry	0	0	0	0	1	0	0	0	0	-

Room topological graph

