

Lake Starnberg, Munich, Germany

# HOUSE ON THE HILLSIDE

Residential Guest House (160sqm)

## **Architects:**

Sunder-Plassmann Architects and Urban Planners

## **Structural Engineering:**

TWP Structural Plan Engineering Company for  
Construction, Tutzing

1902ENG | Studio 2 Sectioned Spaces and Places

Assessment 1 | Precedent Analysis

Lily Loftus | s5350836

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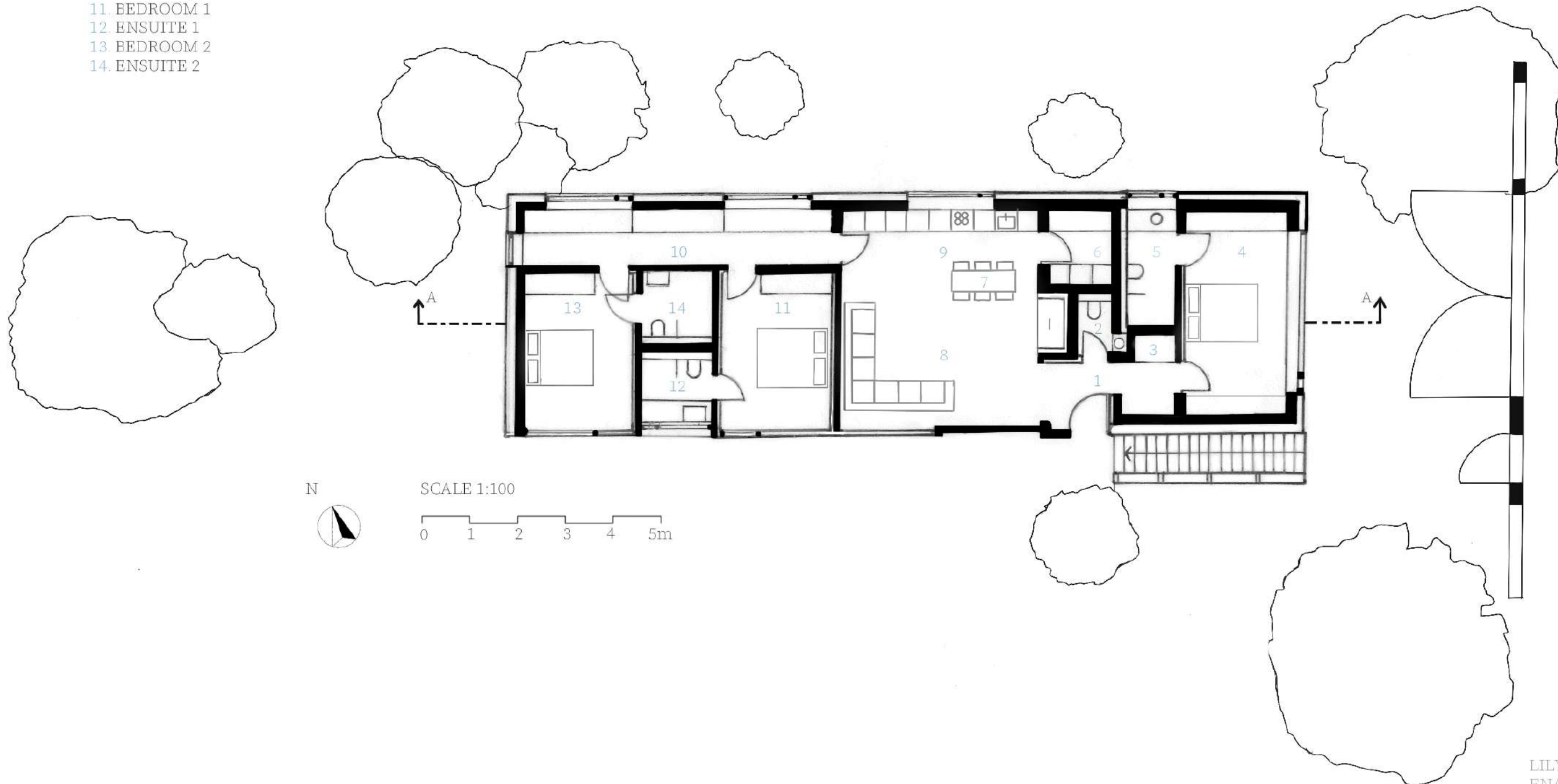


# HOUSE ON THE HILLSIDE

## FLOOR PLAN

### LEGEND

1. ENTRY
2. POWDER ROOM
3. LINEN CABINET
4. MASTER BEDROOM
5. MASTER ENSUITE
6. PANTRY
7. DINING ROOM
8. LIVING ROOM
9. KITCHEN
10. HALLWAY/STUDY
11. BEDROOM 1
12. ENSUITE 1
13. BEDROOM 2
14. ENSUITE 2



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ASSIGNMENT #1  
PRECEDENT ANALYSIS



# HOUSE ON THE HILLSIDE

## SECTION A-A



SCALE 1:100

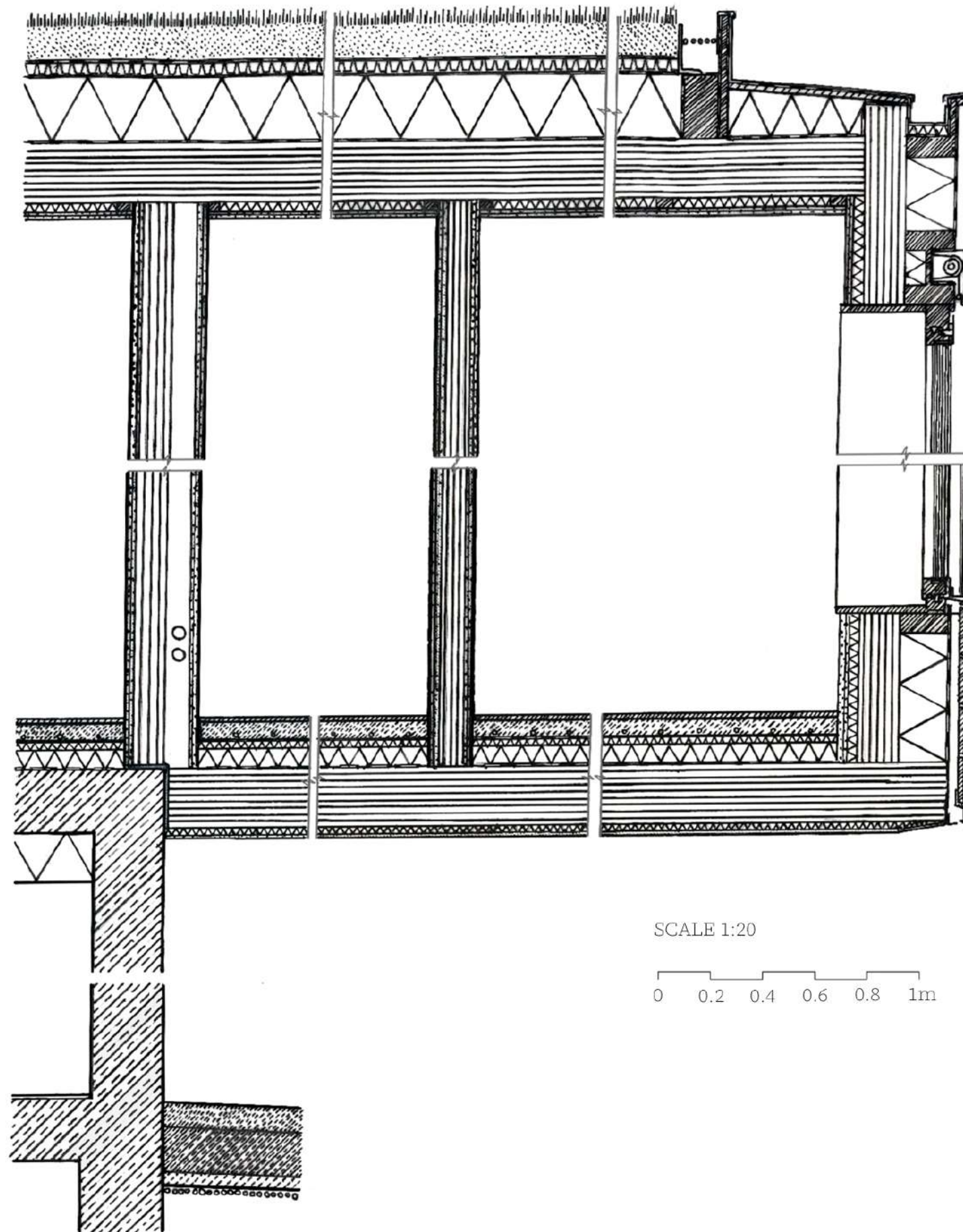
0 1 2 3 4 5m

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# HOUSE ON THE HILLSIDE

















## SECTION DETAIL



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# ARCHITECTURAL ELEMENT ANALYSIS

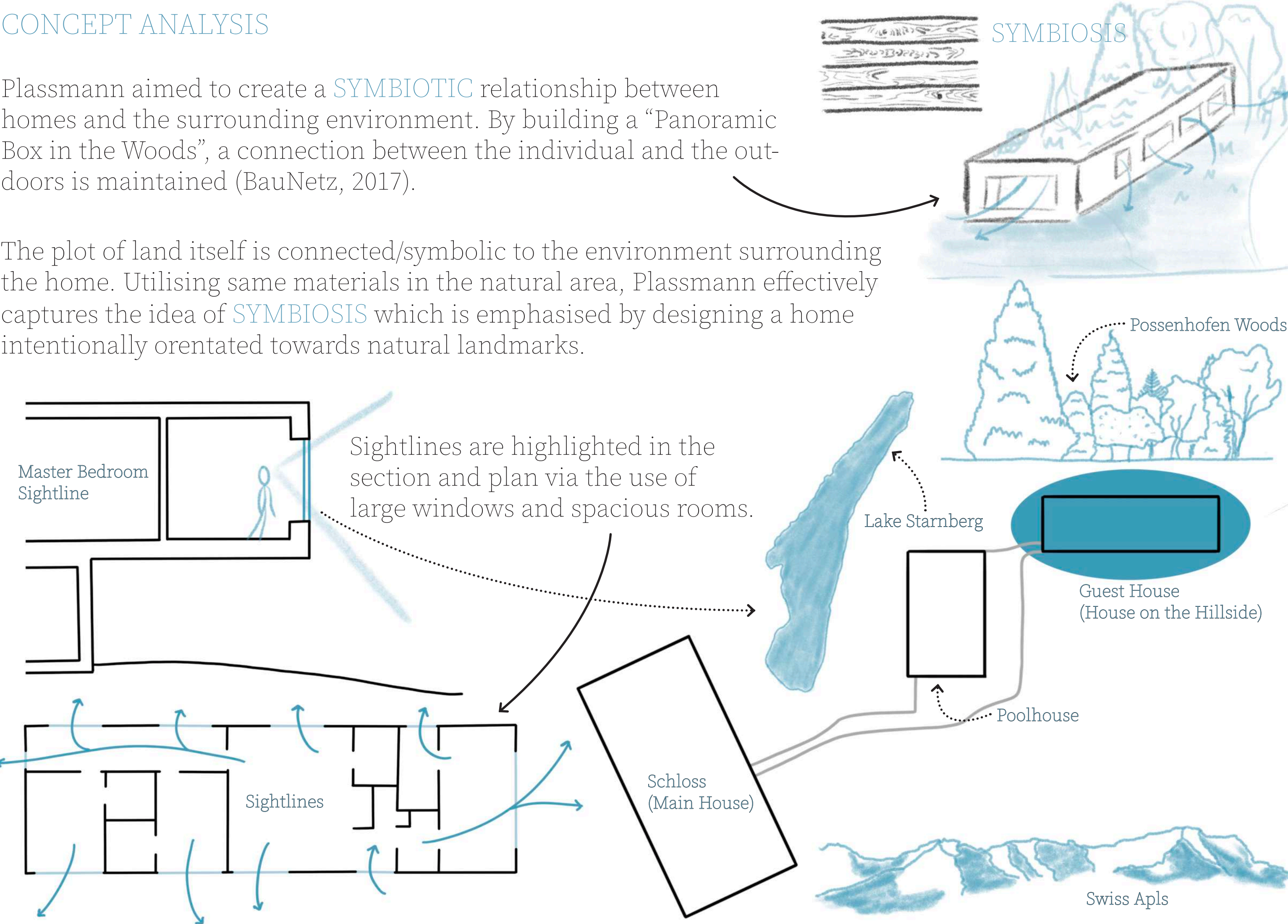
ELEMENT	PLAN	SECTION
WALL	<div> <div>EXTERIOR WALL</div>  </div> <div> <div>INTERIOR WALL</div>  </div>	
DOOR		
ROOF		
FLOOR		
WINDOW		<div>  </div> <div>  </div>
<div>FENCE *</div> <div>* SUBSTITUTION FOR COLUMN AS NO COLUMNS WERE FOUND.</div>		
STAIRS		



# CONCEPT ANALYSIS

Plassmann aimed to create a **SYMBIOTIC** relationship between homes and the surrounding environment. By building a “Panoramic Box in the Woods”, a connection between the individual and the outdoors is maintained (BauNetz, 2017).

The plot of land itself is connected/symbolic to the environment surrounding the home. Utilising same materials in the natural area, Plassmann effectively captures the idea of **SYMBIOSIS** which is emphasised by designing a home intentionally orentated towards natural landmarks.



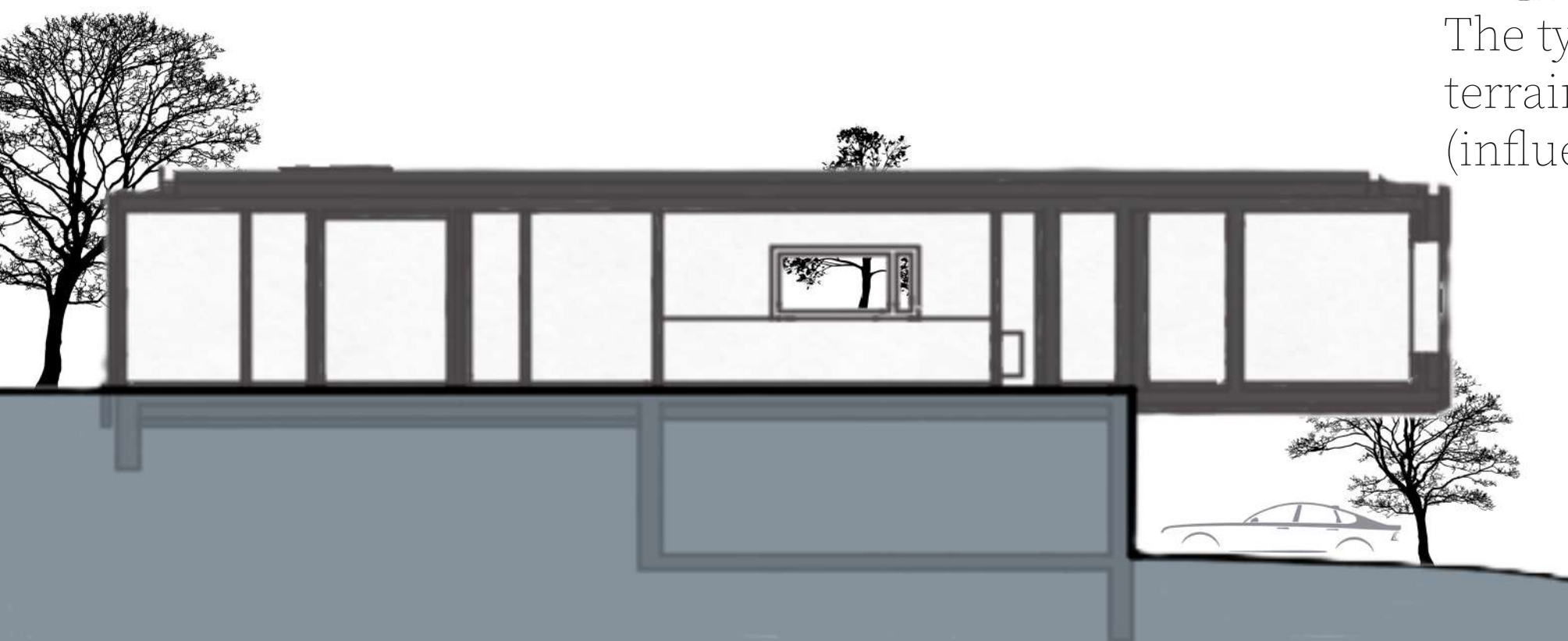


# CONTEXT ANALYSIS

House on the Hillside is famous for its unique incorporation with its natural surroundings. Given the property is nestled within a natural preserve, the surrounding vegetation is native, various and flourishing.

The previous home on the land dominated the landscape (Burk 2017). By maintaining a balance of openness and privacy whilst being mindful of its impact on the neighbouring buildings and environment, the home restores the natural beauty and sight-lines into the surrounding area.

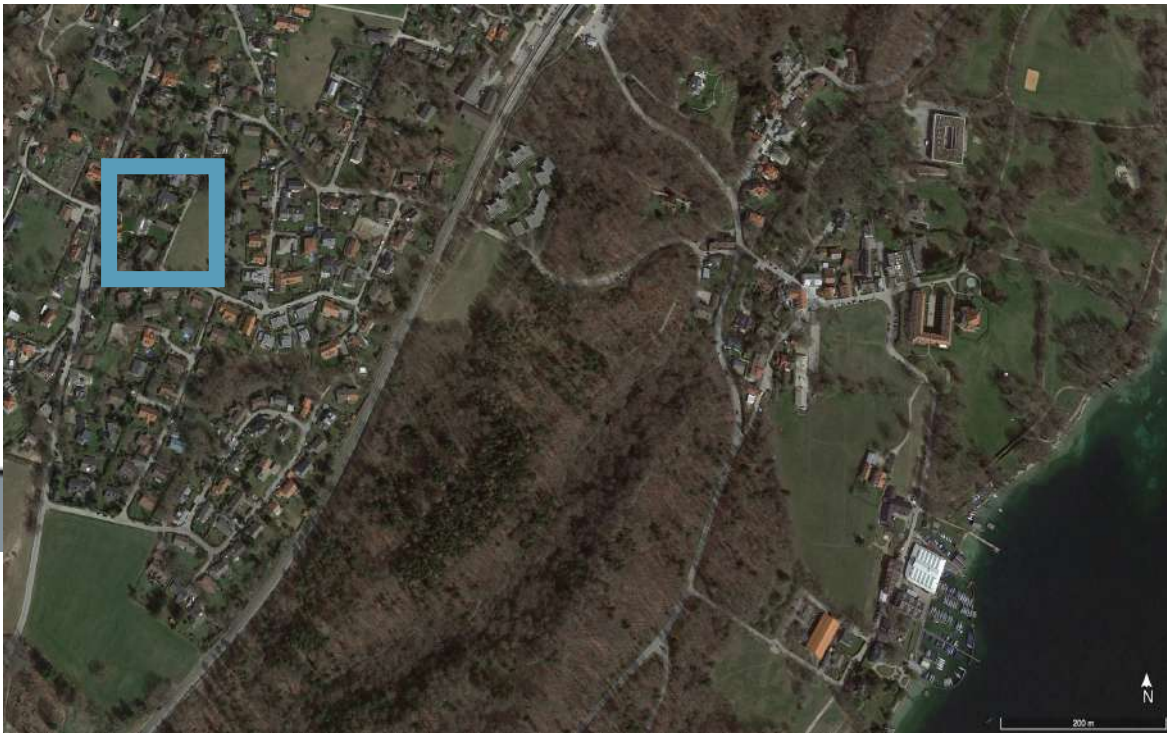
The road connection acts as a pathway for individuals to access the local area, including natural landmarks and transportation.



With an overhanging design, the home integrates with the small hill it rests upon whilst also emphasising its orientation to the lake.



The typography consists of sloping and uneven terrain that leads down towards Lake Starnberg (influencing the placement of the building).





MATERIALS AND CONSTRUCTION METHODS

MATERIAL	DETAIL SECTION REPRESENTATION (1:20)	IMAGE
EXTENSIVE GREEN ROOF TURF SUBSTRATE (200MM AVG.)		 <small>IMAGE FROM ODU-GREEN-ROOF.COM</small>
CROSS LAMINATED TIMBER (CLT) (240MM - CEILING/FLOOR) (99MM - WALL)		 <small>IMAGES FROM ARCHDAILY.COM</small>
COPPER ALLOY PARAPET SHEET METAL (5MM)		
BLACK TIMBER SLATS (40/60MM)		
TIMBER WINDOW WITH TRIPLE GLAZING		
CONCRETE		
PARQUET (20MM)		



## REFERENCES

BauNetz. (2017, September 26). Panorama-Box in Holz - Wochenendhaus am Starnberger See von Sunder Plassmann. BauNetz. [https://www.baunetz.de/meldungen/Meldungen-Wochenendhaus\\_am\\_Starnberger\\_See\\_von\\_Sunder\\_Plassmann\\_5183668.html](https://www.baunetz.de/meldungen/Meldungen-Wochenendhaus_am_Starnberger_See_von_Sunder_Plassmann_5183668.html)

Burk, M. (2017, October 16). Dialog in Schwarz-Weiß. Baumeister. <https://www.baumeister.de/wochenendhaus-sunder-plassmann/>

Odu Team. (2018, June 25). ODU Green Roof • Ultralight extensive green roof. ODU Green Roof. <https://odu-green-roof.com/ultralight-extensive-green-roof/>

Souza, E. (2018, May 20). Cross Laminated Timber (CLT): What It Is and How To Use It. ArchDaily. <https://www.archdaily.com/893442/cross-laminated-timber-clt-what-it-is-and-how-to-use-it>