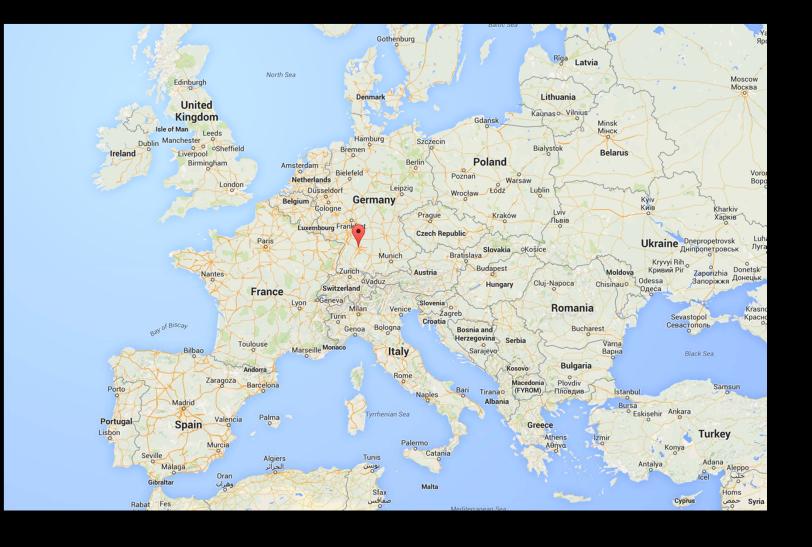
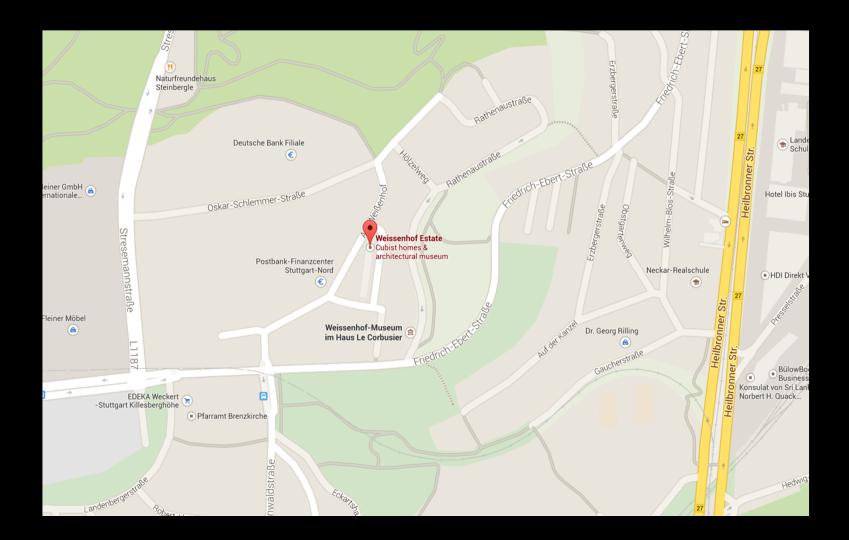
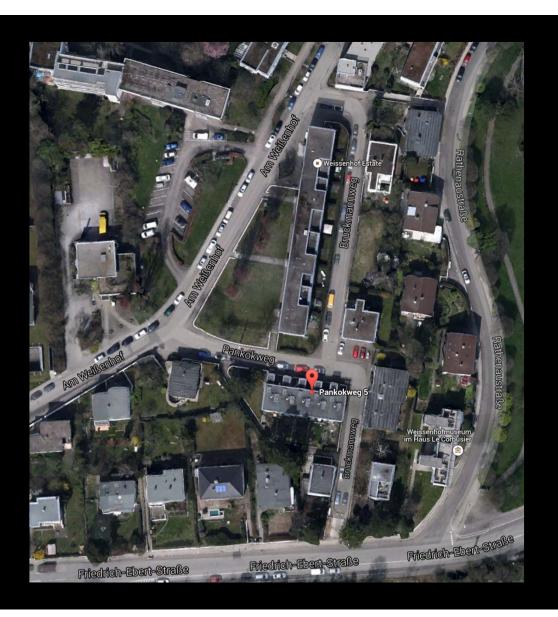
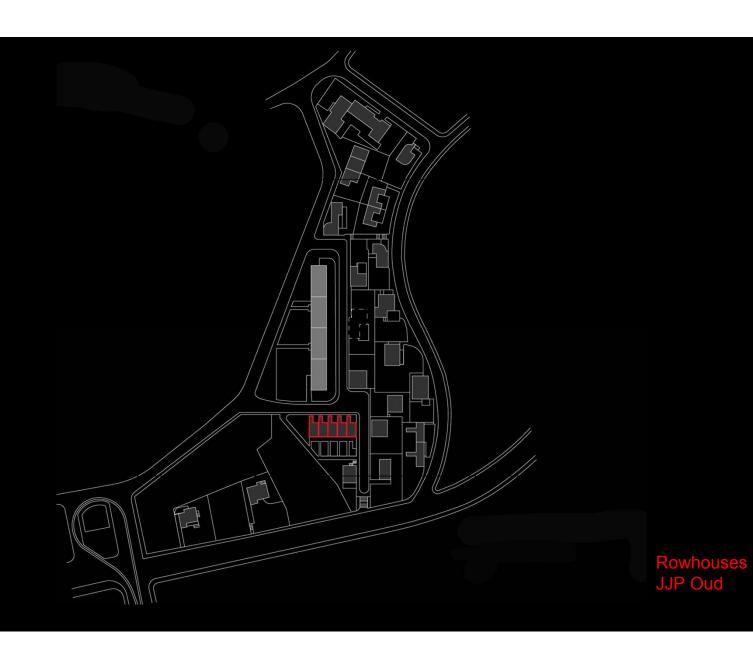
Rowhouses, Weissenhof JJP Oud Stuttgart, 1927

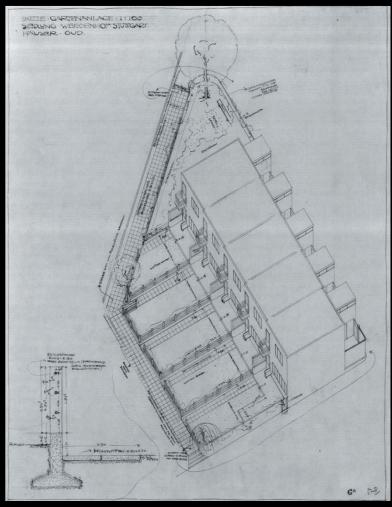
Jan Chen Janice Chen Sissi Li Amy Bao CJ Yang









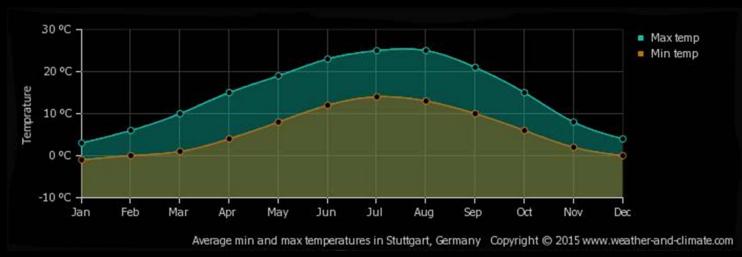


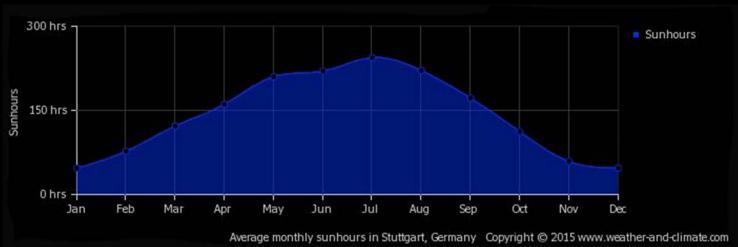
Axiometric of the rowhouses in Weissenhof, out of scale

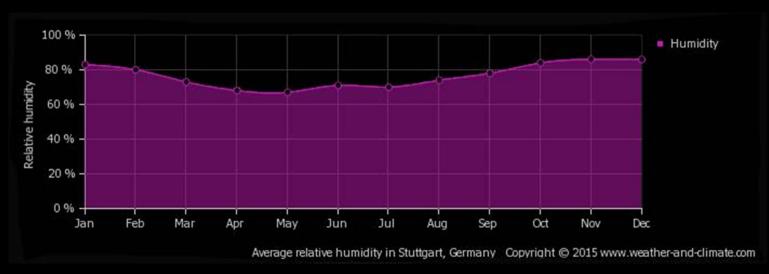


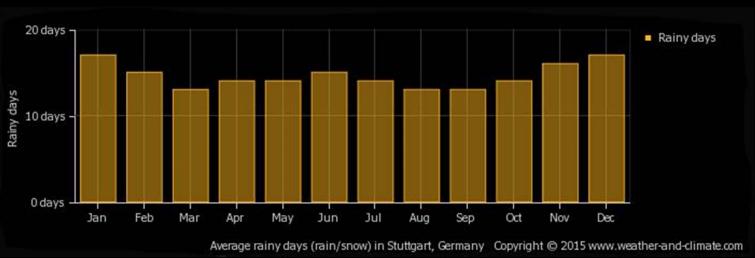








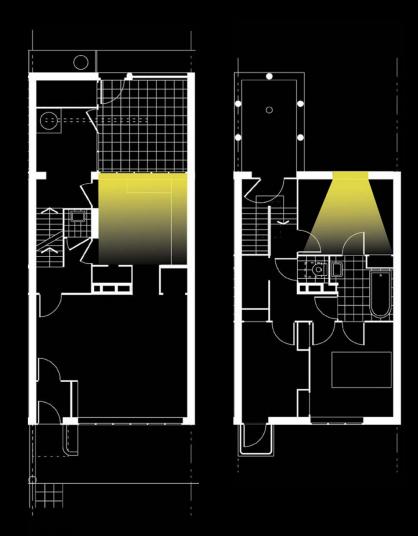






large window facing north

→ provides diffused and constant light into the kitchen





The Kitchen

large window facing south

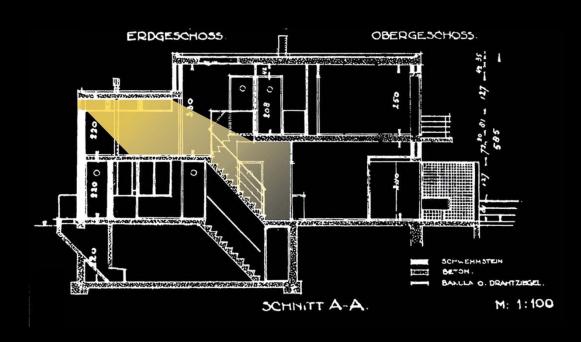
 $\rightarrow\,$ provides brightness to the living room and the bedroom





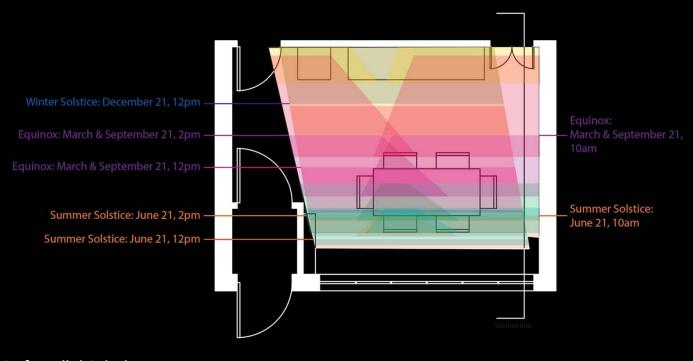
The Living Room





the half floor has windows on three sides \rightarrow lights up the hallway, and the stairs

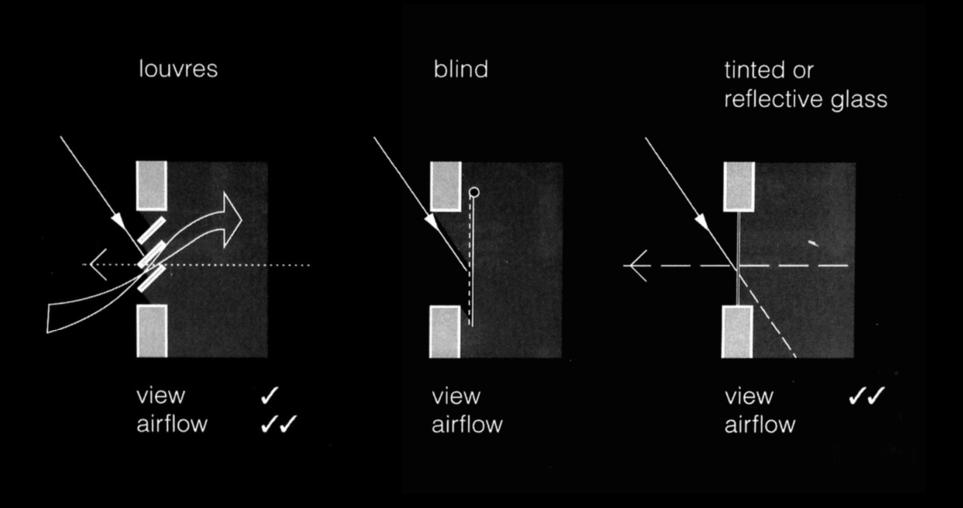




adequate amount of sunlight during summer ∴doesn't heat up floors and the rooms too much

- January & November 21
- February & October 21
- April & August 21
- May & July 21











 $evergreen {\rightarrow} \ blocks \ summer \ \& \ winter \ light$



deciduous→ blocks summer sunlight, allow winter sunlight in







Breezy with times of clouds and sun

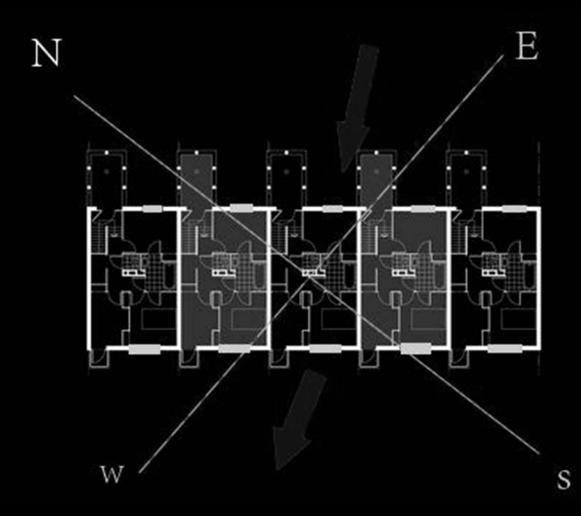


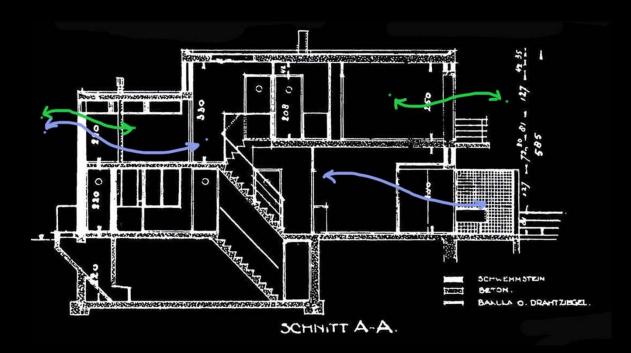
SW 26 km/h Gusts: 39 km/h Night

Periods of snow



SW 17 km/h Gusts: 28 km/h





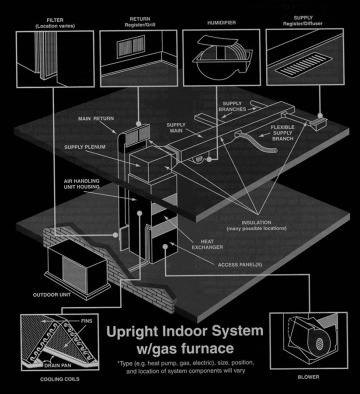


Heating, ventilation and cooling system (HVAC)

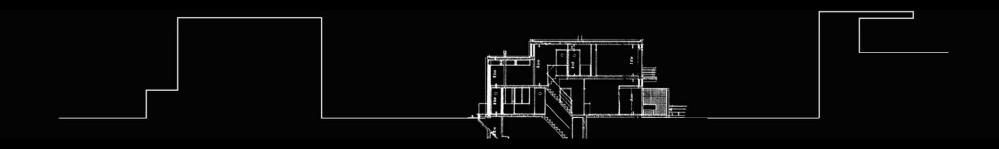
- Insulation

Energy Efficiency

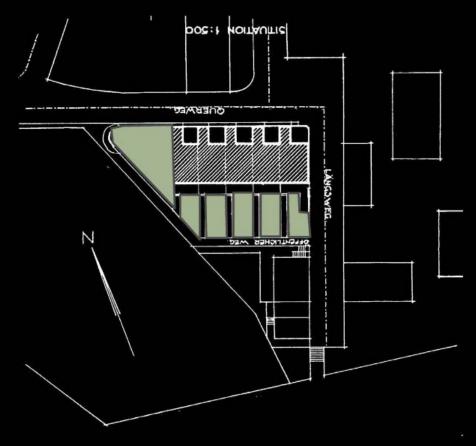
Components of a Typical*
Residential Heating and
Cooling System



Sustainability — Site and Surroundings









Materials

White Stucco

- Sand
- Portland Cement
- Lime
- Water
- Fibers
- Synthetic Acrylics



http://www.getsomephotos.com/Weissenhof-Row-Houses-J-J-P-Oud-Stuttgart



Materials

Gravel base concrete



http://www.getsomephotos.com/Weissenhof-Row-Houses-J-J-P-Oud-Stuttgart



Materials

Ruberoid



http://www.getsomephotos.com/Weissenhof-Row-Houses-J-J-P-Oud-Stuttgart



Materials

Plywood



http://en.wikipedia.org/wiki/Plywood

