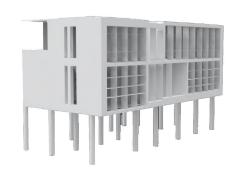
Loblolly House Chesapeake bay, Maryland

Architect: Kieran Timberlake



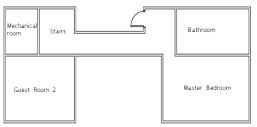


Closely studied before cutting the Loblolly house was built in weeks. Using pre fabricated parts Timberlake managed to cut down of the time in the job site and running into problems that occur at your usual job site. They aimed to create a house using only simple hand tools. Most parts were pre assembled off site like the bathrooms and kitchen and floor, they all came with wires and pipes installed. The conception and detailing revolved around four new elements of architecture. Scaffold, cartridges, blocks and equipment. They used high tolerance product like bosh aluminum strut to hold the house up. After the frame is assembled floor cartages are placed giving the simple installation of wires and pipes running throughout the house The aluminum scaffold used in the building

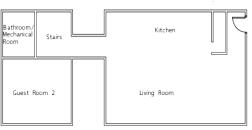
HOUSE PORGRAMS



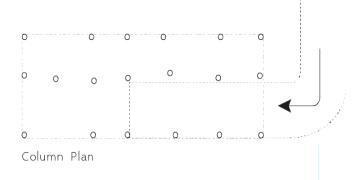
MASSING DIAGRAM AND FLOOR PLANS

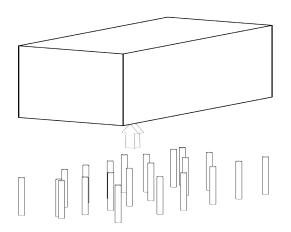


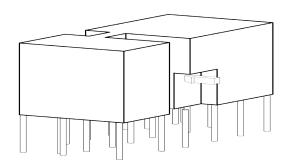
First Floor Plan

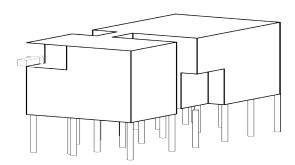


Second Floor Plan









ELEVATIONS



CLIMATE CONSULTANT TEMPERATURE RANGE Adaptive Comfort LEGEND RECORDED HIGH - O DESIGN HIGH - AVERAGE HIGH - MEAN - AVERAGE LOW - DESIGN LOW - O COMFORT ZONE (Acceptability Limits 90%) PSYCHROMETRIC CHART Adaptive Comfort LOCATION: Dover Afb, DE, USA Latitude/Longitude: 39.13° North, 75.47° West. Time Zone from Greenwich - Data Source: TMY3 724088 WMO Station Number, Elevation 22 ft LEGEND DESIGN HIGH: Residential 1% of Hours Above 5% of Hours Above 0 D% of Hours Above DESIGNLOW: Residential 1% of Hours Below 5% of Hours Below 0 D% of Hours Below LOCATION: Dover Afb, DE, USA Latitude/Longitude: 39.13° Norm, 75.47° West, Time Zone from Greenwich -Data Source: TMY3 724088 W/MO Station Number, Elevation 22 ft COMFORT > 68°F (SMADE HELPS) 194 Hours Exposed 0 Hours Shoded COOLCOLD < 48°F (SUN NEEDED) 1997 Hours Exposed 0 Hours Shoded ⊕ One Day 1 v Next Day LOCATION: Dover Afb, DE, USA Latitude/Longitude: 39.13° North, 75.47° West, Time Zone from Greenwich-Data Source: TMY3 724088 WMO Station Number; Elevation 22 ft TEMPERATURE (Dogs. F) < 32</p> 32 - 68 68 - 75 55 - 100 > 100 SELATIVE HAMOUTY (%) < 30.70</p> > 70 PLOT MONTHS: WIDN'ER SPRING © December 21 to June 2 SUMMER FALL © June 21 to December 2 Display Grid Display Sheding Calculator Display Obstruction Elevator Input Obstructions SUN SHADING CHART LEGEND COMFORT > 68°F (SHADE HELPS) 607 Hours Exposed 0 Hours Shaded COOLCOLD < 68°F (SIAN METDED) 1057 Hours Exposed 0 Hours Shaded

