



Simple Inputs – Construction Database

The screenshot displays the OEX web application interface for configuring building structure. The browser window shows the URL <https://www.oex.com>. The page title is "OEX - DIN 18550". The main content area is titled "Step 3: Building Structure" and features a "Wall" section. A search filter is set to "Manufacturer" with a search box. The search results display three wall types:

- Timbre Cavity (Product code: 257224)
- Brick Cavity (Product code: 357410)
- Solid Cavity Wall Timbre Frame Construction (Product code: 357411)

The "Brick Cavity" option is highlighted with a green box and an arrow. Below the wall selection, there are expandable sections for "Roof", "Floor", and "Windows and Doors". At the bottom, a "Performance Rating" bar shows a value of 278 kWh / (m²a) on a scale from 0 to 500. A "Full report..." link is visible at the bottom right.



Simple Inputs – Building Services Database

The screenshot displays the OEx website interface for 'Step 4: Building Structure'. The browser window shows the URL 'http://www.oex.com'. The page title is 'OEX - DIN 18550'. The main content area is titled 'Step 4: Building Structure' and includes a 'Heating' section. A search filter is set to 'Manufacturer', and the search results show a list of manufacturers: Viessmann, Buderus, drexel und weise, Genvex, and Vaillant. Two specific gas condensing systems are highlighted: 'Gas Condensing system Type J' (Product code: 410200) and 'Gas Condensing system Type K' (Product code: 410200). Below the search results, there are sections for 'Cooling', 'Hot Water', and 'Ventilation'. At the bottom, a 'Performance Rating' bar is shown, ranging from 0 to 550 kWh / (m²a), with a current rating of 278 kWh / (m²a) indicated by a downward arrow. A 'Full report...' link is also visible.



Refurbished Staircase 10
78 kWh/m²/yr



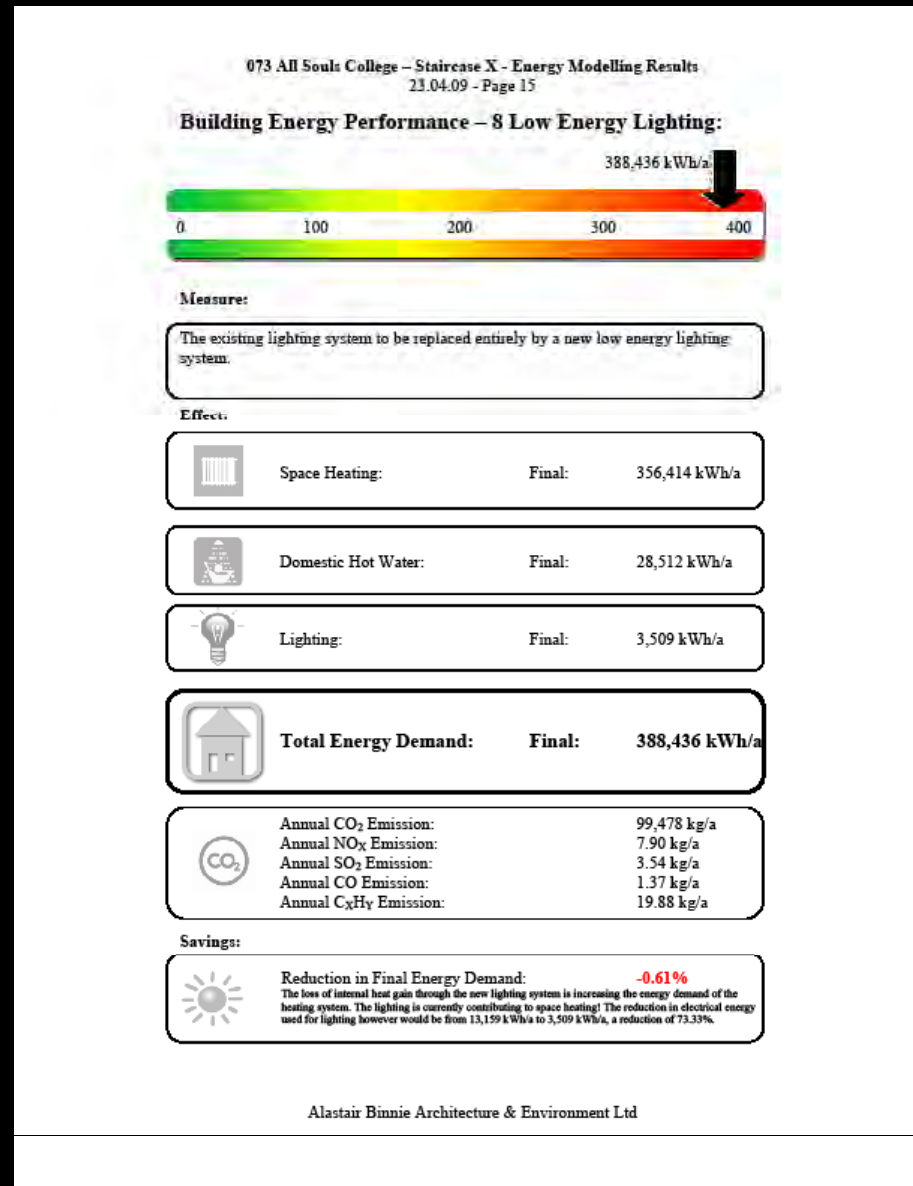
Existing Staircase 10
pre-improvements
Off the Scale!
860 kWh/m²/yr



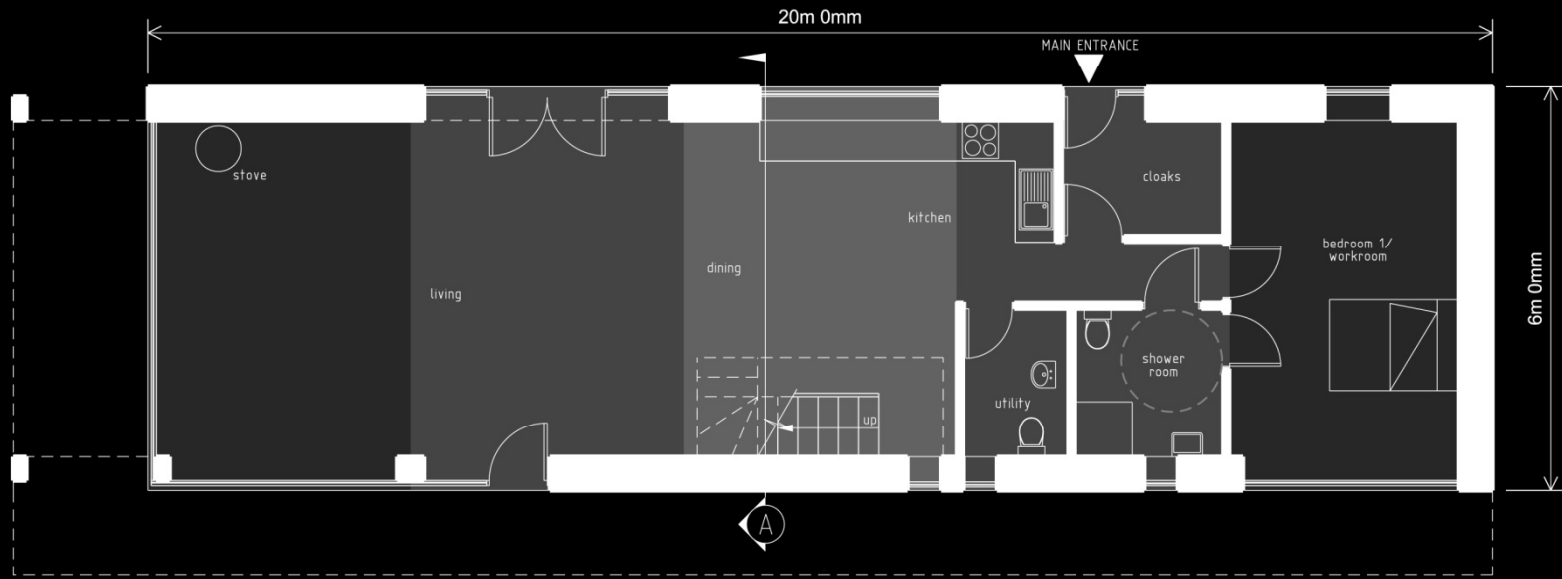


•Crazy But True

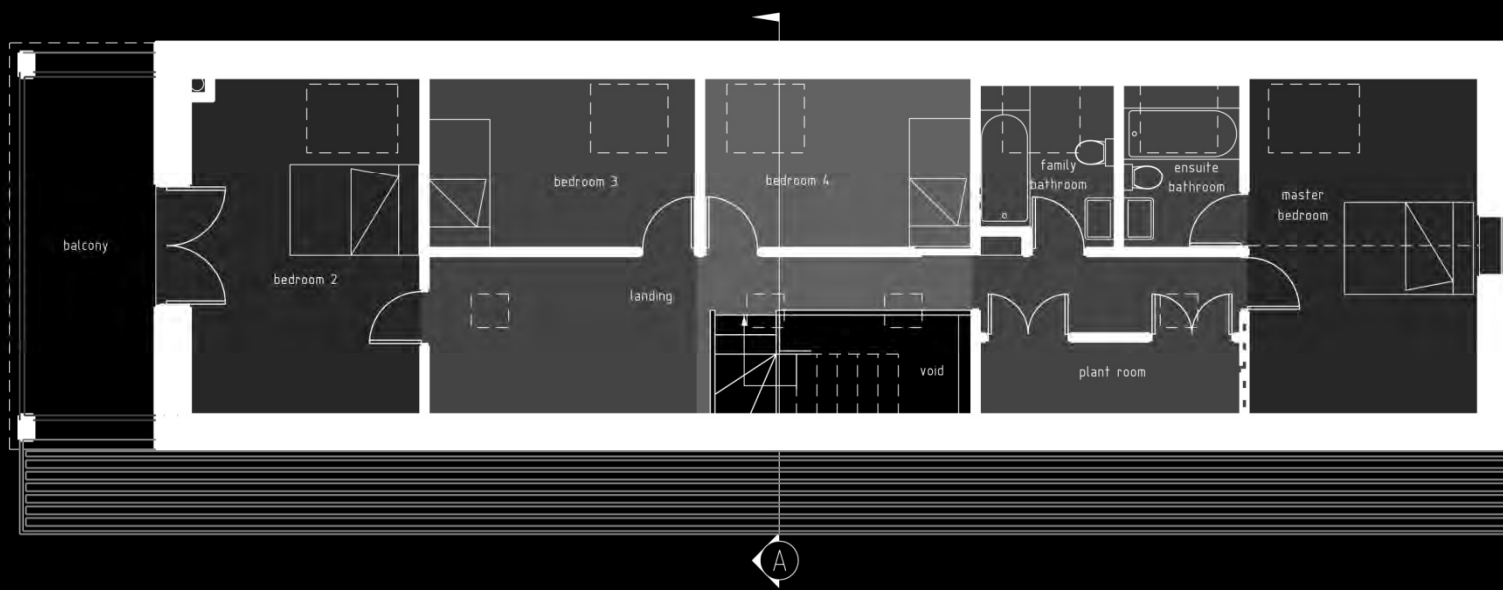
•Increase in Energy Demand Through The Single Measure of Low Energy Lighting





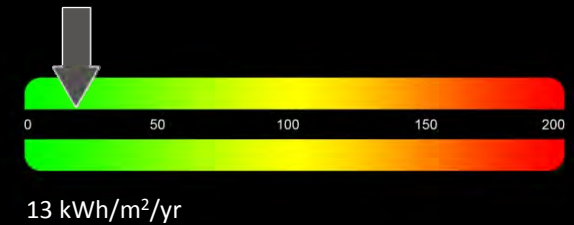
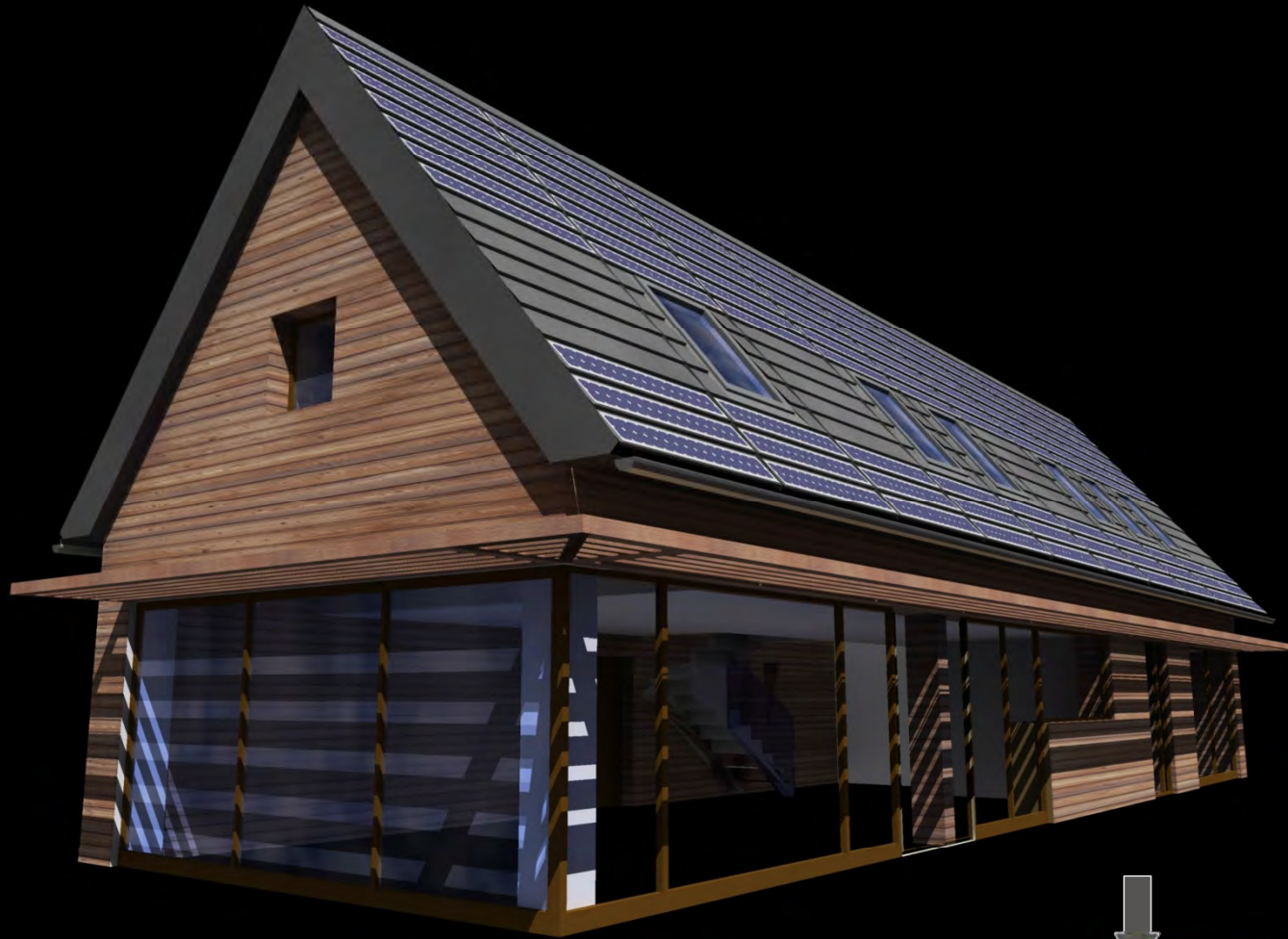


GF Plan



FF Plan







Proposed extension
15 kWh/m²/yr



Refurbished Existing house
45 kWh/m²/yr



Existing house
pre-improvements
329 kWh/m²/yr



