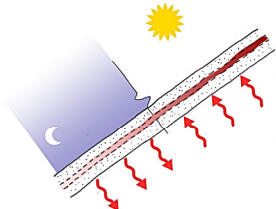
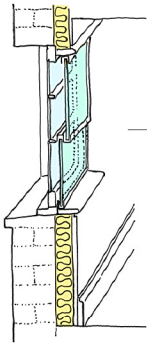


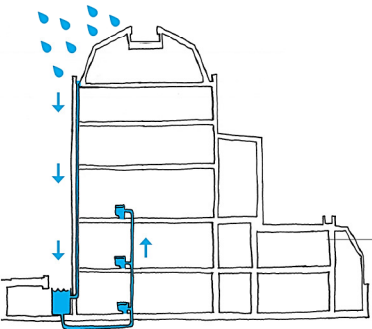
SOLAR SLATES AND PANELS GENERATING ELECTRICITY & HOT WATER



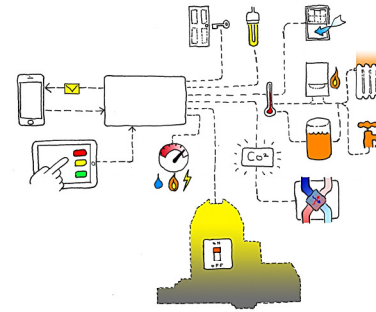
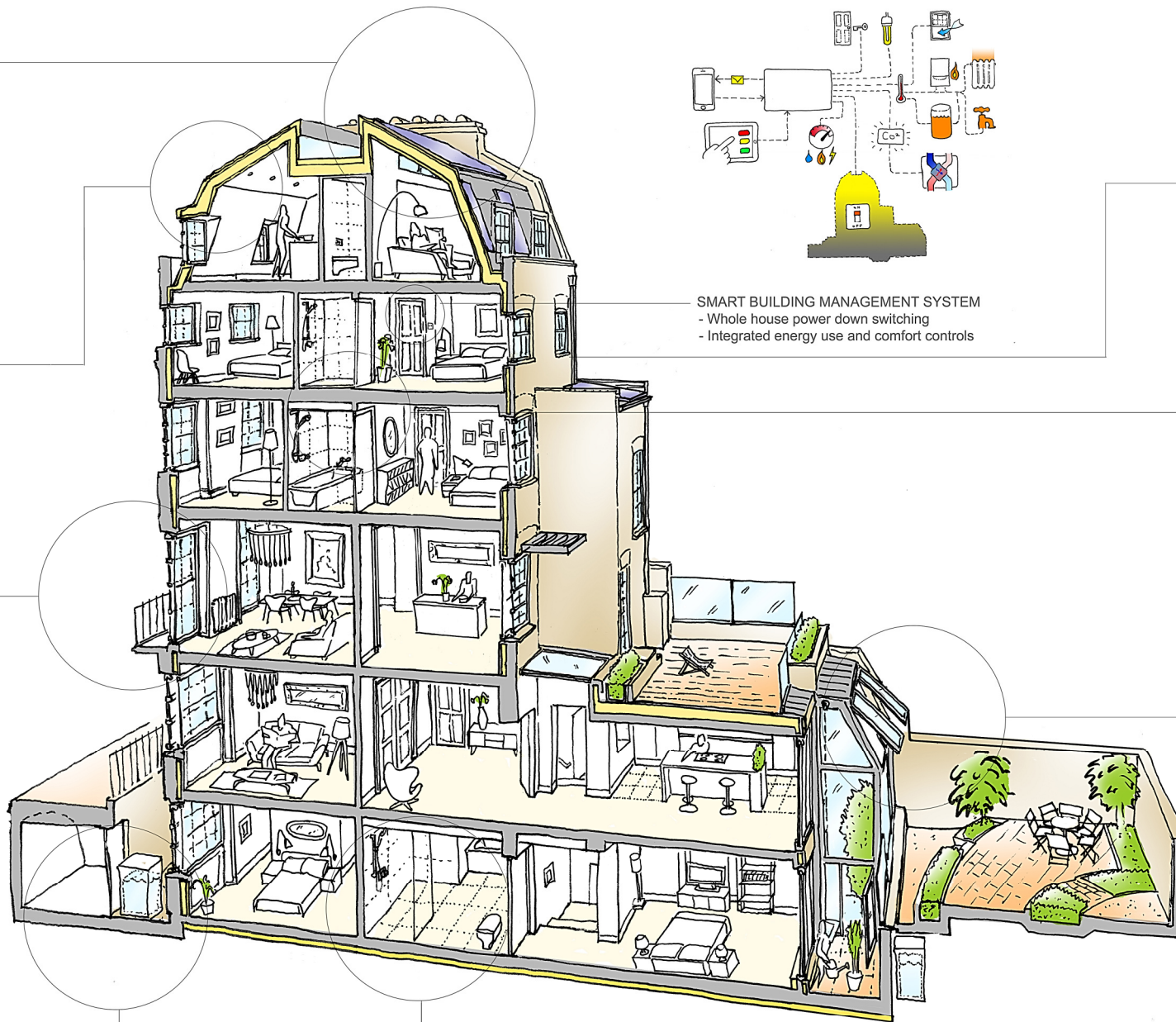
PHASE CHANGE MATERIALS REDUCING SUMMERTIME OVERHEATING



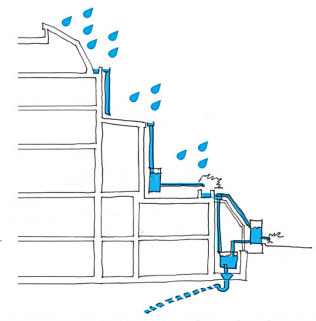
EXISTING FABRIC UPGRADE  
- Secondary vacuum glazing  
- Internal wall insulation



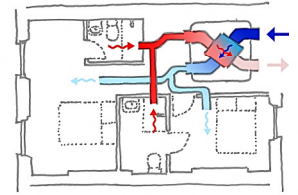
RAINWATER HARVESTING FOR TOILET FLUSHING



SMART BUILDING MANAGEMENT SYSTEM  
- Whole house power down switching  
- Integrated energy use and comfort controls



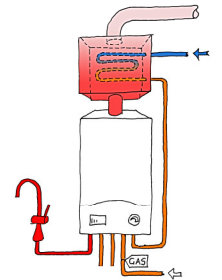
RAINWATER ATTENUATION FOR GARDEN IRRIGATION & FLOOD PREVENTION



WHOLE HOUSE VENTILATION WITH HEAT RECOVERY

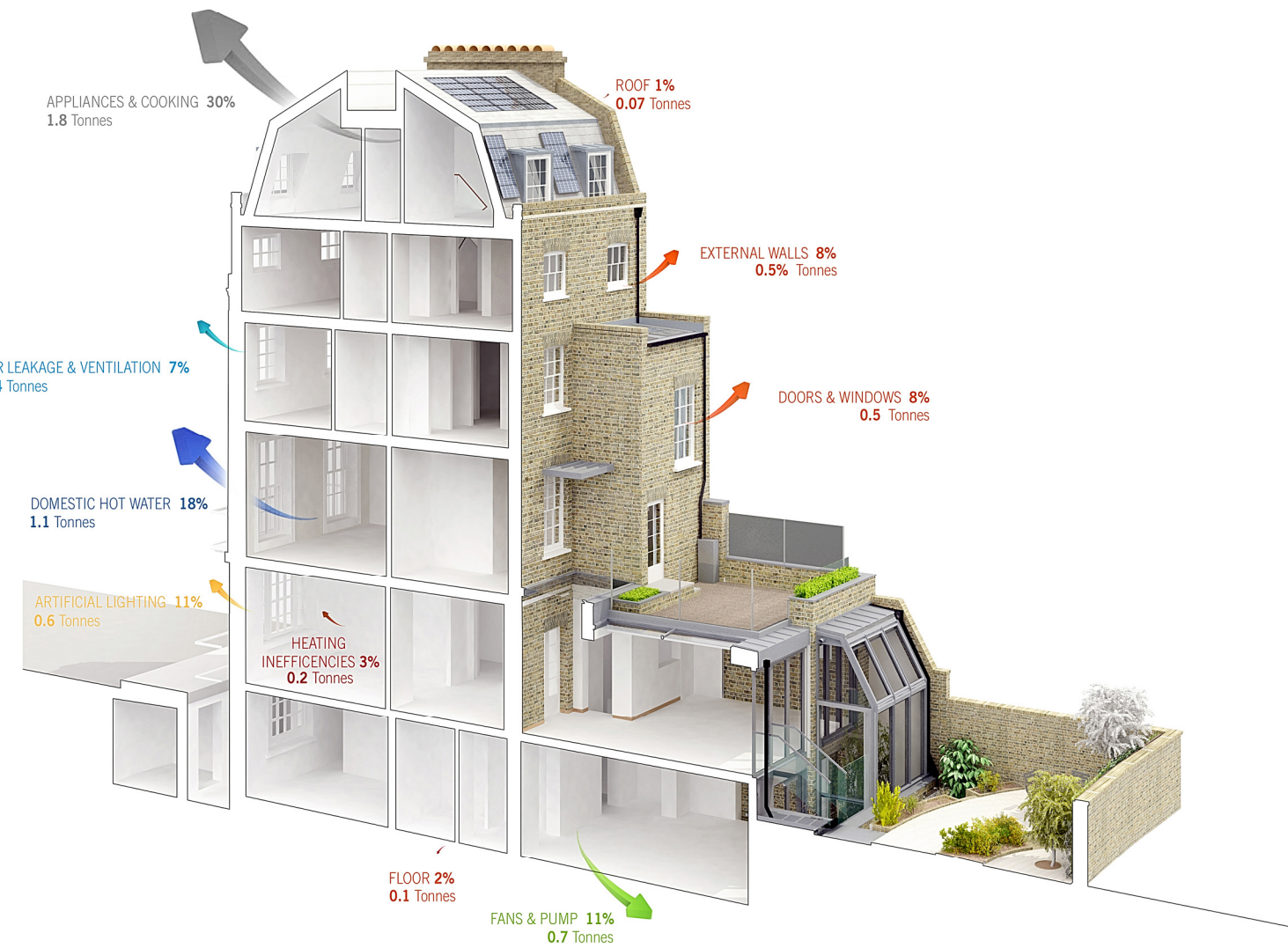
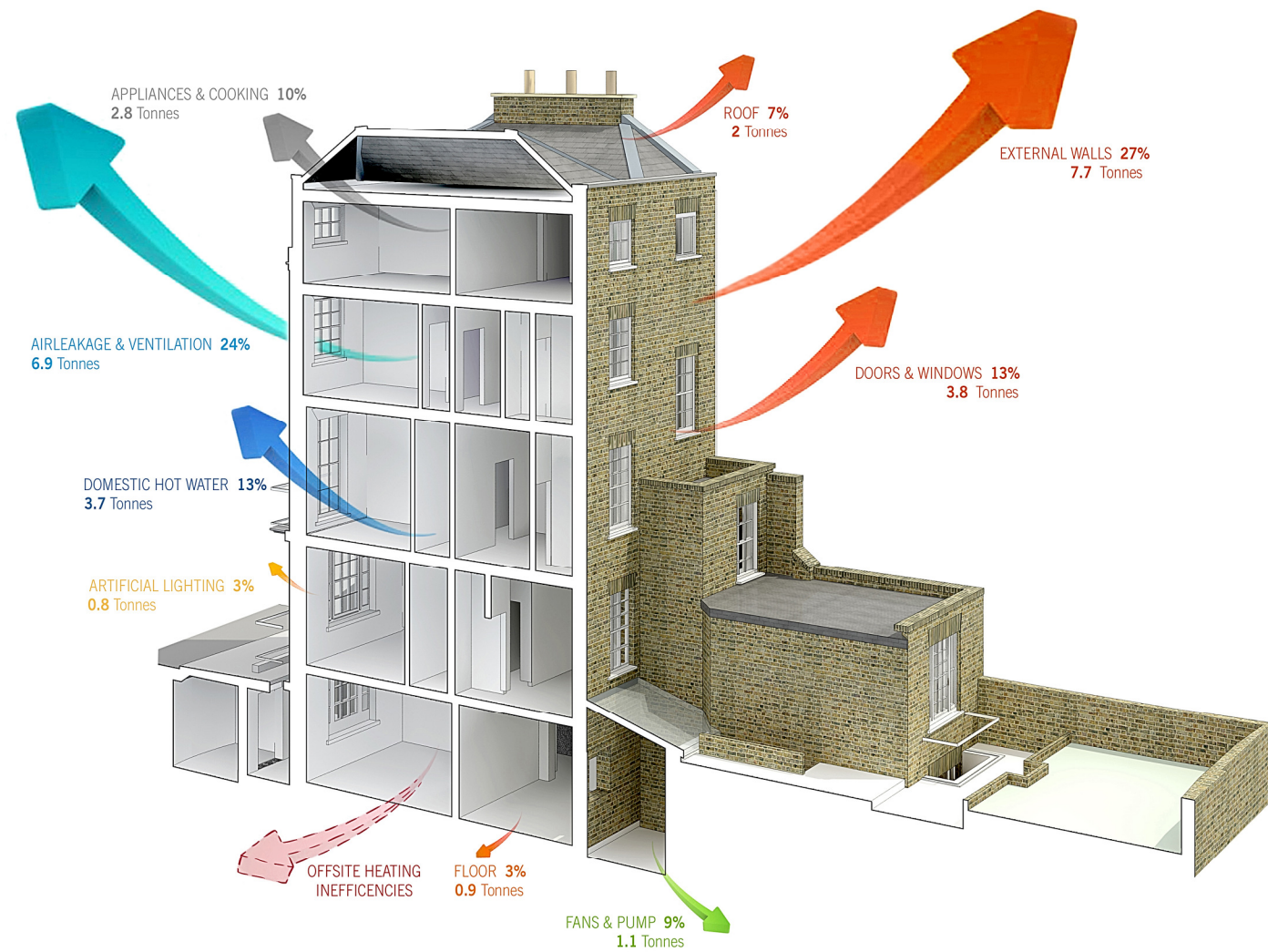


AUTOMATED WINDOW OPENING & SHADING TO CONSERVATORY



HIGH EFFICIENCY BOILERS WITH FLUE GAS HEAT RECYCLERS





- Heat Loss via Building Fabric
- Air Leakage & Ventilation
- Domestic Hot Water
- Appliances & Cooking
- Artificial Lighting
- Fans & Pump



PLANNING PROPOSAL 2012 6 TONNES CO<sub>2</sub>

