

Mayfield Community Centre

Green Credentials

1. No gas connected to site - so when the electricity grid is decarbonised, the CO² operational footprint of the new buildings will achieve zero carbon
2. Solar pv panels on roof
3. Air source heat pumps together with mechanical ventilation with heat recovery system for additional heating
4. High level of insulation for external building fabric to meet latest Building Regulation requirements
5. Double glazing
6. Energy usage control
7. Dark skies design features for minimising light pollution
8. Automatic roller blinds to screen horizontal light egress at night
9. Waste re-cycling
10. Renewable electricity sources e.g., Octopus Energy
11. EV chargers with on-site battery storage to supplement electricity needs
12. Rainwater harvesting
13. Low water usage systems for toilets
14. Point of use hot water heaters
15. Underfloor heating for meeting rooms etc
16. Travel plan to promote walking and cycling (bike shelter to be provided)
17. Biodiversity net gain (BNG) compliance. Landscape architecture will include native plants to encourage wildlife and fauna, greatly improving the bio-diversity value of the poor-quality vegetation that exists in the immediate vicinity of the proposed buildings and no use of pesticides
18. LED low energy lighting throughout building
19. Special design of external car park lighting to take account of the requirement to meet the dark skies policy
20. On site surface water storage will control the release of surface water into the watercourse at the bottom of Court Meadow (removing the current problem of surface water from the Memorial Hall and car park overwhelming the existing soakaways and running down Court Meadow)
21. Off-site sustainable construction techniques to reduce material wastage, improve quality and minimise the on-site construction programme