

East Elevation
1 : 100



West Elevation
1 : 100



South Elevation
1 : 100



North Elevation
1 : 100

Notes

1. The buildings have been orientated to take advantage of the solar gain and will utilise integrated Photovoltaic panels on the roofs, linked to a minimum of 9.6 kw battery storage.
2. Bioclimatic solar shading proposals will be incorporated into the design.
3. Rainwater harvesting will be provided with water-butts
4. Air Source Heat Pumps (ASHP) will providing heating and hot water
5. Mechanical ventilation heat recovery (MVHR) will be used for extract, ventilation and fresh air circulation
6. Construction will be in a timber frame, purchased from sustainable source with a FSC certification.
7. A fabric first approach will be adopted to achieve levels of energy efficiency with low carbon heating
8. Triple glazing will be used in conjunction with thermally broken aluminium frames
9. A charging point for an electric vehicle is to be integrated into the build
10. High level of air tightness will be achieved, with a target value of less than 3.0 m3/hr.m2
11. Designed SAP, EPC and U values will exceed Building Regulations requirements covered in Part L of the approved documents. Minimum design values:

Roof 0.1w/m2k
Floors 0.1 w/m2k
Walls 0.15 w/m2k
Triple glazing 0.8 w/m2k

Material Schedule

- Walls - Vertical cladding boards with Zinc cladding
- Roof - Zinc roof panels
- Windows/Doors - Powder coated aluminium frames
- Rainwater goods - Galvanized steel

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|---|----------|--|----|----|
| D | 15.03.24 | Bat boxes and Sparrow terraces added following reception of Ecological report from Orbis Ecology | SM | MB |
| C | 07.03.24 | Drawing updated following client comments on ground floor wc window. Notes added following MB instruction. | SM | MB |
| B | 05.03.24 | Drawing updated following client comments | SM | MB |
| A | 15.02.24 | First Issue | SM | MB |

| Rev | Date | Description | Dwn | Chk |
|-----|------|-------------|-----|-----|
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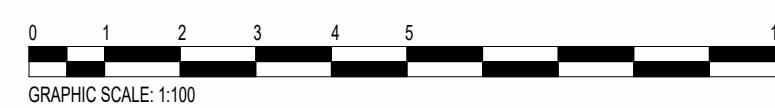
PROJECT
Mr James Wilcocks
Upham Farm
Farringdon, Exeter - EX5 2HZ

Proposed Elevations

| SCALE | DATE | DRAWN BY | CHECKED BY |
|------------------------|----------|----------|------------|
| 1 : 100 | 15.02.24 | SM | MB |
| DRAWING NO. | REVISION | | |
| MB / 2156 / 1223 - 203 | D | | |



- NOTES:
1. Use written dimensions only. All dimensions to be checked on site and any discrepancies reported to ACORUS immediately. If in doubt ask.
 2. Where relevant, significant hazards have been identified on the drawing. Hazards which should be obvious to a competent contractor or unforeseeable have not been identified.
 3. This drawing is confidential and remains the exclusive property of ACORUS.
 4. Ordnance Survey Paper Map Copying Licence Number: 100039456.
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- Ownership Boundary
- Site Boundary

PLANNING