

Condition 2 – exterior finishes

Walls

For wall exterior finishes – we propose combining use of cement fibre board and larch wood

Walls shaded by the overhanging roof/porch will be Siberian Larch A/B <https://russwood.co.uk/exterior/cladding/siberian-larch/>. We would paint with a light oak finish.

Walls not shaded by the overhanging roof and roof vertical edge will be cement fibre board corrugated hung vertically in colour black, fire rating A2 eg <https://www.cembrit.co.uk/corrugated-sheets/b5>

The effect we hope to achieve is similar to the examples below, and will be softened by and complemented by the green roof planting and border treatments see below



Roof

Extensive green roof with 186mm planting medium which will allow for planting of grasses and perennials which in turn will provide interest all year and not just in the summer.

Planting scheme will be designed using advice from Nigel Dunnett's https://www.amazon.co.uk/Nigel-Dunnett-Planting-High-Impact-Low-Input/dp/0993389260/ref=sr_1_1?adgrpid=66073995040&gclid=Cj0KCQjwpPHoBRC3ARIsALfx-I-dw6GPR2B3v2v2o13qFa-E5PNAQOBOAsXQyle-M6X5mgK_2qpYscaAv3EEALw_wcB&hvadid=318224944776&hvdev=c&hvlocphy=1006773&hvnetw=g&hvpos=1t1&hvqmt=e&hvrnd=5970634139424684080&hvtargid=aud-614731612455%3Akwd-668911753914&hydadcr=11425_1787415&keywords=nigel+dunnett+books&qid=1562137753&s=gatway&sr=8-1 so that after establishment it will be drought tolerant.

An irrigation system however will be installed - supplied firstly by water run off from shed and greenhouse feeding a 2000 litre underground tank meaning it is unlikely to require any potable water from the mains supply.

Colours will be mainly green and purple – photo below courtesy of Nigel Dunnett – it is of a scheme on top of a Rotherham building where the main limitation was that there was no irrigation; for establishment it was hand watered but the photo below shows it several years after establishment.



Condition 4 – proposed root barrier to protect wall against Hornbeam roots – details can be found here:

<https://www.amenity.co.uk/root-barrier/max-barrier-root-control-barrier.html>

