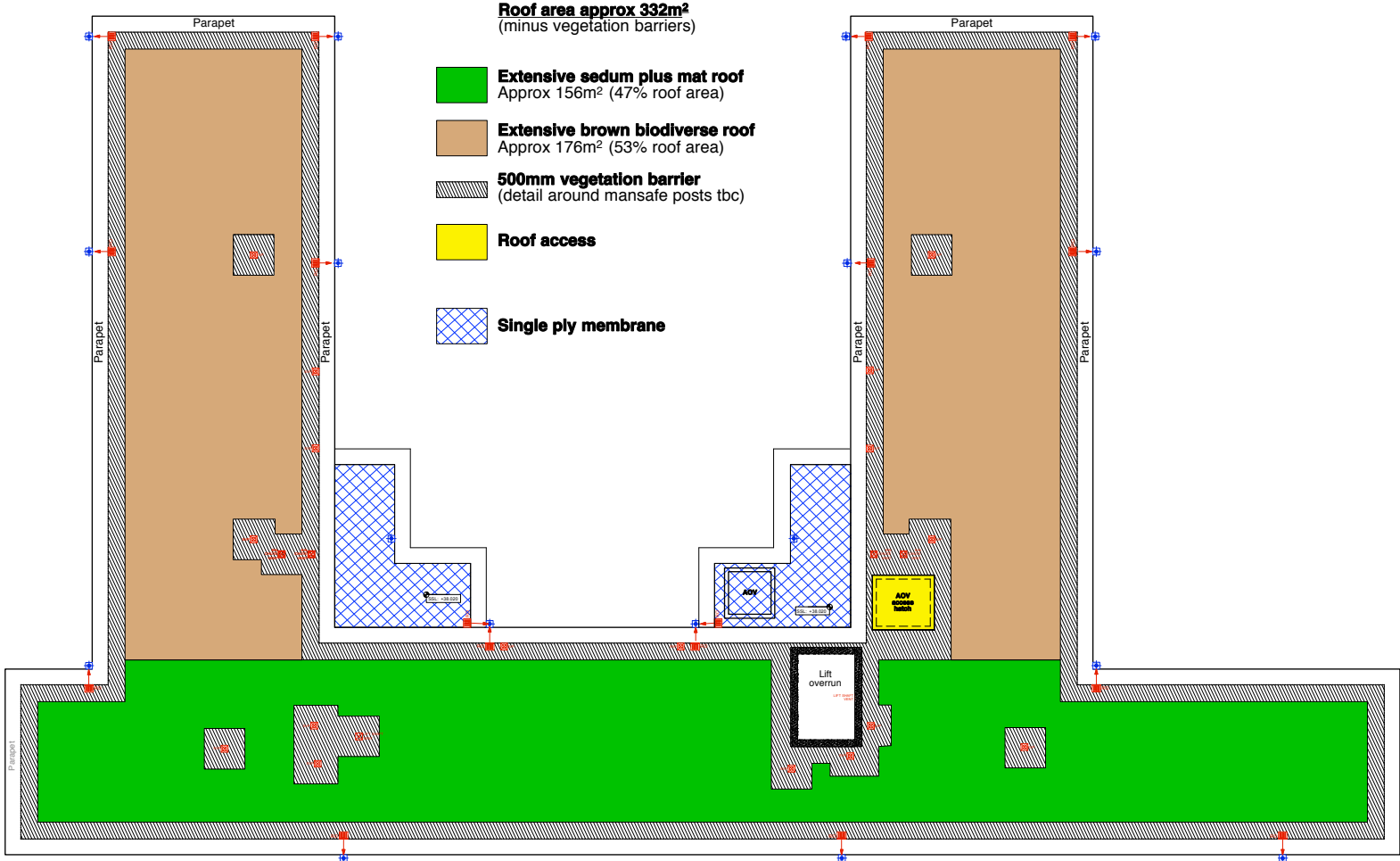


BLOCK 2 - PLANNING CONDITION 18 : GREEN / BROWN ROOF



Roof layout diagram

EXTENSIVE SEDUM PLUS MAT ROOF

Roof type: Radmat MeDO Sedum Plus Mat Extensive.

Substrate: Radmat ProTherm G Green Guide to Specification A rated insulation (see J31/340) on PermaQuik PQ6100 Hot Melt monolithic waterproofing membrane over concrete structure (see J31/130).

Slope: Flat

1. Waterproofing: PermaQuik PQ6100 Hot Melt monolithic waterproofing membrane (see J31/130).

2. Thermal insulation: ProTherm G Green Guide to Specification A rated insulation (see J31/340).

Protection: Radmat Root Protection Sheet root barrier (see J31/130).

3. Moisture control layers:

Radmat D25 Drainage/Reservoir Board, 25mm deep HDPE with cusplate. As clause 350a

Radmat G11 Polyester geo-textile filter fleece 100g/m2. As clause 360a

4. Growing medium: Radmat Vulkatec GM10 extensive growing medium as clause 390a.

Depth: minimum 70mm deep after settlement.

5. Vegetation: Radmat Sedum Plus pre-grown sedum blanket containing 16 species of sedum. As clause 400.

Accessories:

6. Vegetation breaks: 500mm wide, 20-40mm rounded pebble margin.

Gravel Stop:

GS10 Two height Gravel Stop 80x120mm as clause 420

GS14 Curved Gravel Stop 80mm as clause 420

Inspection Chambers:

PARA100 Aluminium Inspection Chamber as clause 430

System Manufacture: Radmat Building Products Limited, Esha House, St Mary's Business Park, Albany Road, Market Harborough

LE16 7EB Tel: 01858 410372, Fax 01858 410572 email: techniques@radmat.com, Web: www.radmat.com

Vegetation coverage / density : Minimum 75%

EXTENSIVE BROWN BIODIVERSE ROOF

Root type: Radmat MedO Extensive Brown Biodiverse Roof

Substrate: Radmat ProTherm G Green Guide to Specification A rated insulation (see J31/340) on PermaQuik PQ6100 Hot Melt monolithic waterproofing membrane over concrete structure (see J31/130).

Slope: Flat

1. Waterproofing: PermaQuik PQ6100 Hot Melt monolithic waterproofing membrane (see J31/130).

2. Thermal Insulation: ProTherm G Green Guide to Specification A rated insulation (see J31/340).

Protection: Radmat Root Protection Sheet root barrier (see J31/130).

3. Moisture control layers:

Radmat D25 Drainage/Reservoir Board, 25mm deep HDPE with cusplate. As clause 350a.

Radmat G11 Polyester geo-textile filter fleece 100g/m². As clause 360a.

4. Growing medium: Radmat Vulkatec GM10 extensive growing medium. As Clause 390c.

Depth: minimum 80mm deep after settlement and mounded to 150mm

5. Vegetation: Radmat Plug Planting as clause 400c.

Accessories:

6. Vegetation breaks: 500mm wide, 20-40mm rounded pebble margin.

Gravel Stop:

GS10 Two height Gravel Stop 80x120mm as clause 420

GS14 Curved Gravel Stop 80mm as clause 420

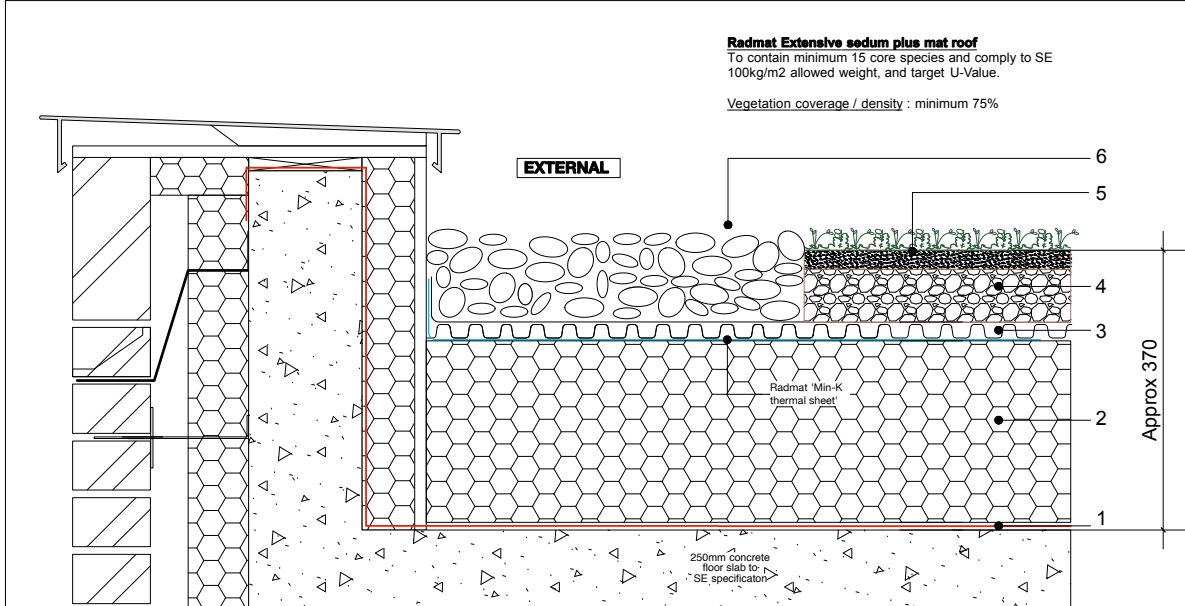
Inspection Chambers:

PARA100 Aluminium Inspection Chamber as clause 430

System Manufacture: Radmat Building Products Limited, Esha House, St Mary's Business Park, Albany Road, Market Harborough LE16 7EB

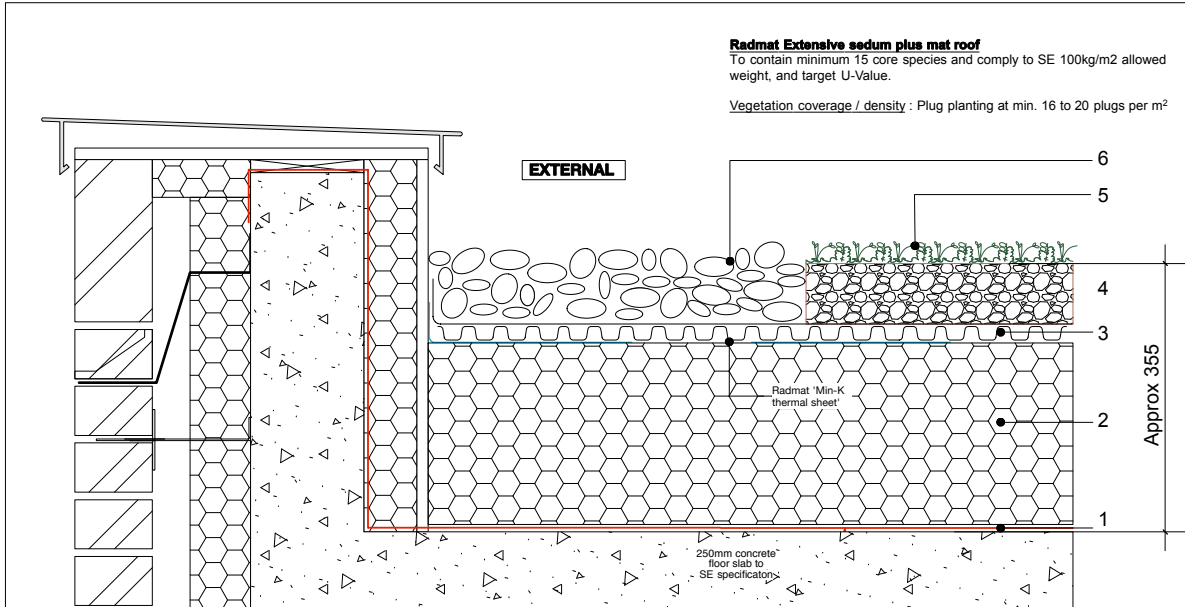
Tel: 01858 410372, Fax 01858 410572 email: techenquiries@radmat.com, Web: www.radmat.com

Vegetation coverage / density: Plug planting at minimum 16-10 plugs per m²



 **Extensive Sedum Plus mat roof**
Typical build up / edge detail (1:5 @A1)

For detail numbers refer to Radmat specification below



 **Extensive Brown Biodiverse roof**
Typical build up / edge detail 1:5 @A1

For detail numbers refer to
Radmat specification below

<p>Notes:</p> <ol style="list-style-type: none"> 1. do not scale from this drawing 2. survey indicative only 3. proposals are subject to utilities surveys 4. drawing to be read in conjunction with relevant consultant's information 5. drawing to be read in conjunction with relevant specifications 	<p style="text-align: right;">PLANNING</p> <p style="text-align: right; font-size: small;">©2014</p> <div style="text-align: center; font-size: 48px; font-weight: bold; margin-top: 20px;">A1</div> <p style="text-align: center; margin-top: 20px;">Original Sheet Size</p>
 <p style="font-size: 24px; font-weight: bold; margin-top: 10px;">Matthew Lloyd Architects ^{LLP}</p>	
<p>1 The Hangar Penetration Works 38 Kingsland Road London E2 8BD</p> <p>T 020 7613 1934</p> <p>email: mail@matthewlloyd.co.uk www.matthewlloyd.co.uk</p>	
<p>Date: JAn 15</p> <p>Scale: Varies</p> <p>Project: Bourne Estate South for Higgins Construction PLC</p> <p>Drawing title: BLOCK 2 - GREEN / BROWN ROOF PLANNING CONDITION 18</p>	<p>Date: _____</p> <p>Scale: _____</p> <p>Project: _____</p> <p>Drawing title: _____</p>
<p>Revisions: - 30.01.15 - First issue</p>	<p>Reference: BE14</p> <p>Dwg. No: PC18-246</p> <p>Rev: _____</p>