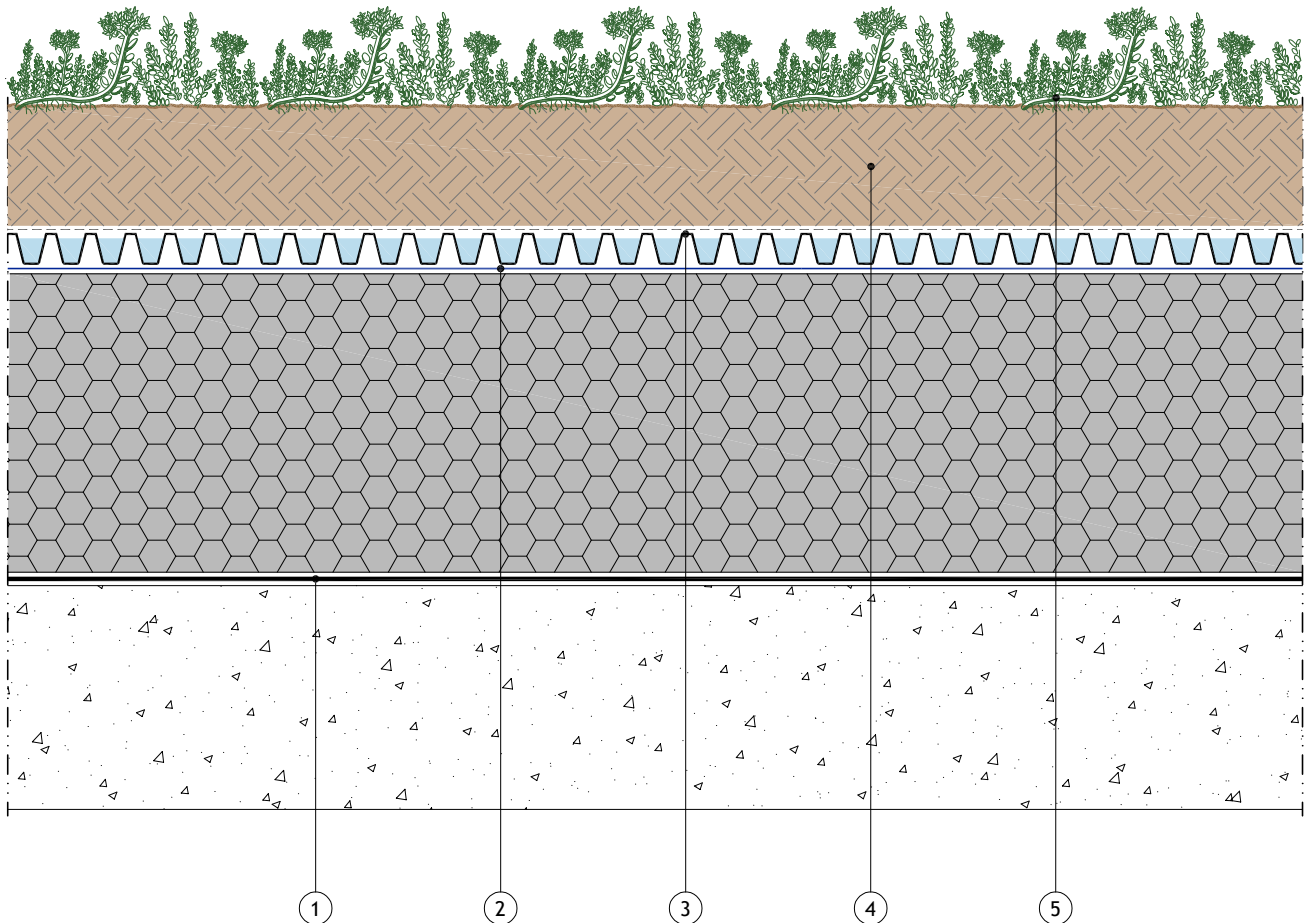




Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Water flow reducing layer (WFR).
3. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Extensive Substrate.
5. Blackdown Extensive Planting, as specified by the appointed landscape consultant.

BLACKDOWN
ROOF & PODIUM LANDSCAPING
By Alumasc Roofing

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www.alumascroofing.com

Title:
**Extensive Green Roof - Inverted
Typical Roof Build Up**

Drawing No:
BLK IE 01 01

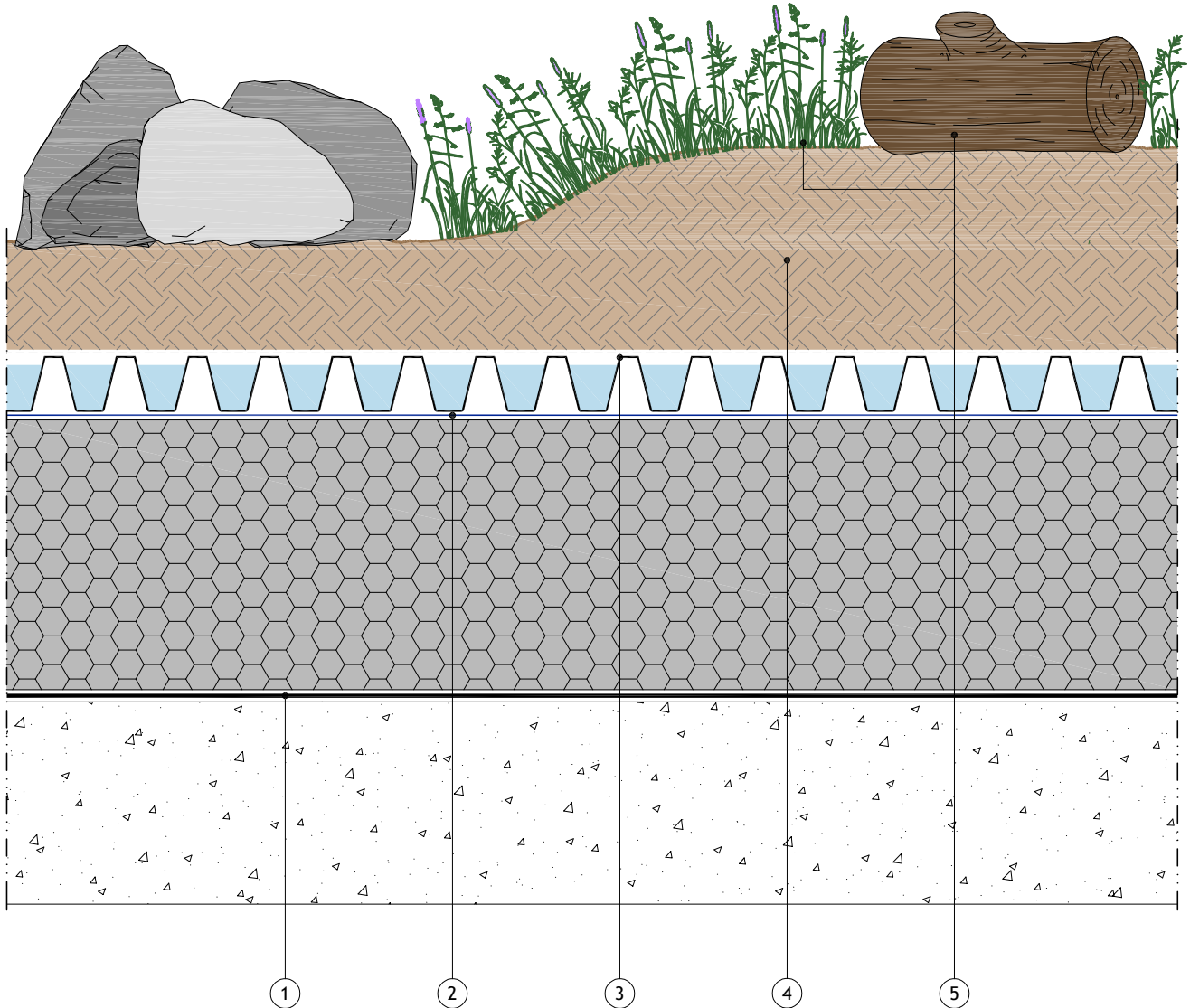
Scale:
Not to Scale

Revision:
A

Date:
January 2026

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Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Water flow reducing layer (WFRL).
3. Blackdown 40 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Biodiverse Substrate typically mounding between 80mm to 150mm.
5. Blackdown Wildflower Planting, as specified by the appointed landscape consultant.
Habitat incidentals i.e. piles of cobble/stone and or logs.

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Title:
**Biodiverse Green Roof - Inverted
Typical Roof Build Up**

Drawing No:
BLK IE 01 02

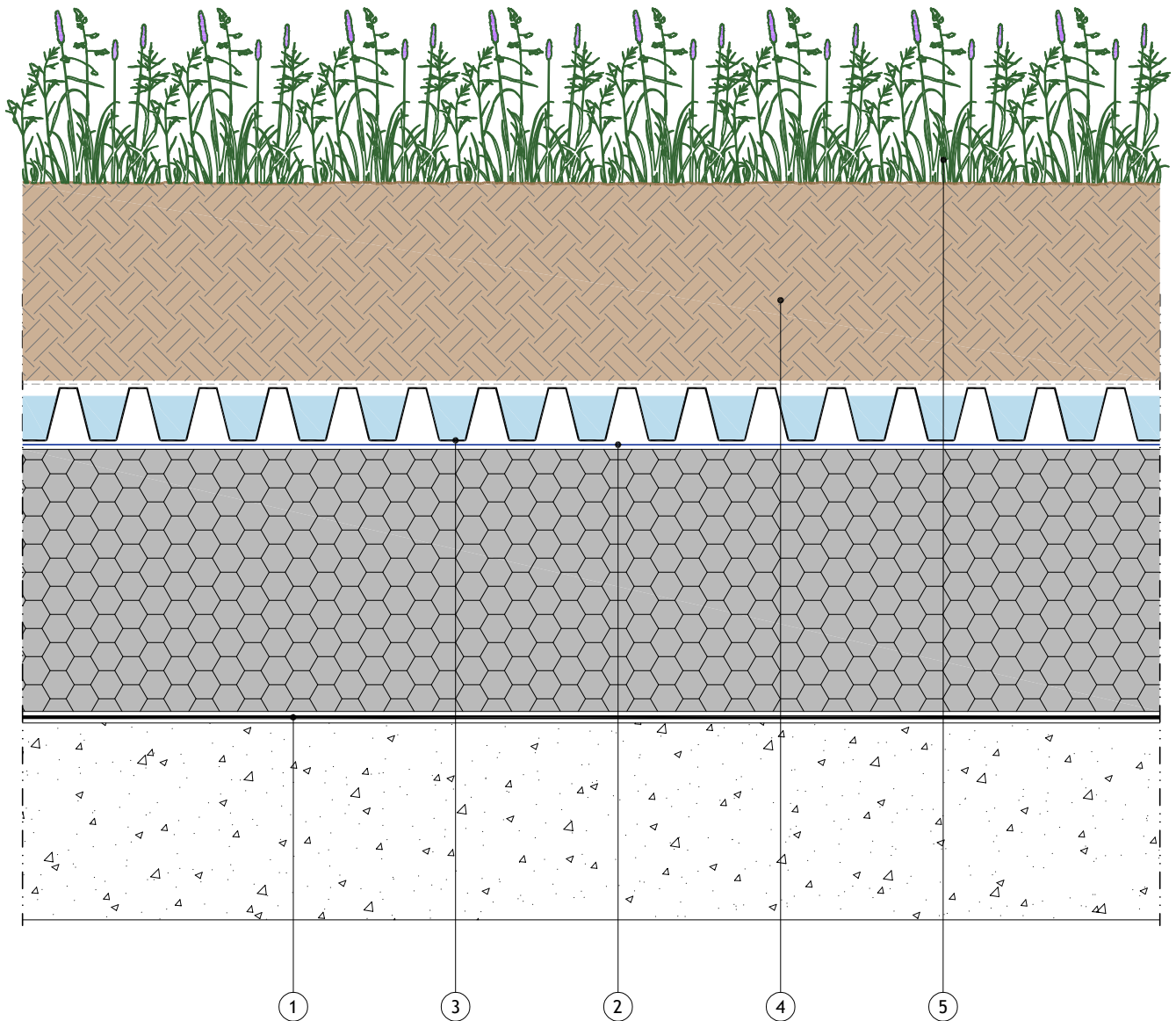
Revision:
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Scale:
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Date:
January 2026

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Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Water flow reducing layer (WFRL).
3. Blackdown 40 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Biodiverse Substrate.
5. Blackdown Wildflower Planting, as specified by the appointed landscape consultant.

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www.alumasroofing.com

Title:
**Extensive Wildflower Green Roof - Inverted
Typical Roof Build Up**

Drawing No:
BLK IE 01 03

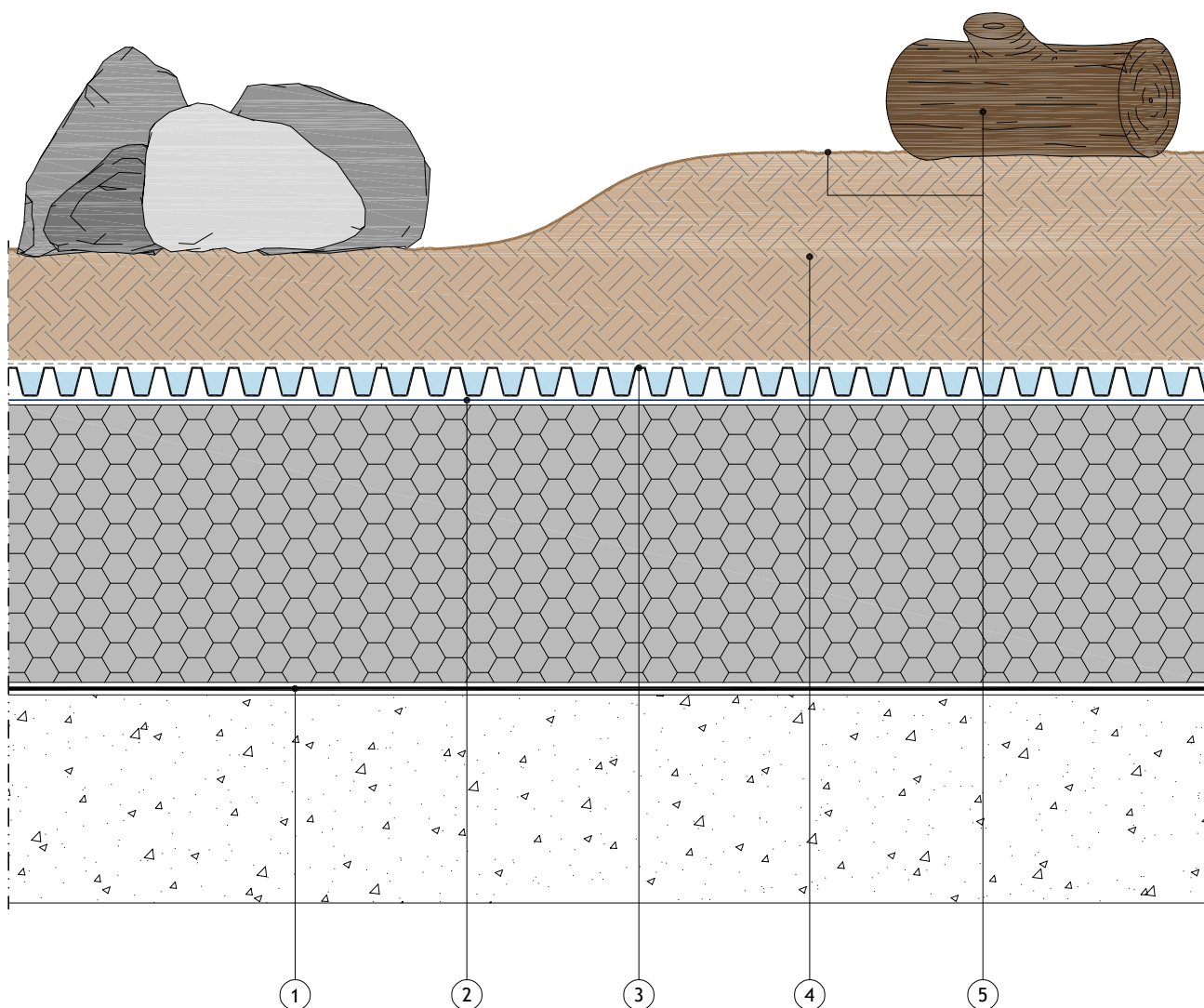
Scale:
Not to Scale

Revision:
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Date:
May 2026

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Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Water flow reducing layer (WFRL).
3. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Biodiverse Substrate typically mounding between 80mm to 150mm.
5. No planting installed.
Habitat incidentals i.e. piles of cobble/stone and or logs.

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ROOF & PODIUM LANDSCAPING
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Title:
**Brown Roof - Inverted
Typical Roof Build Up**

Drawing No:
BLK IE 01 04

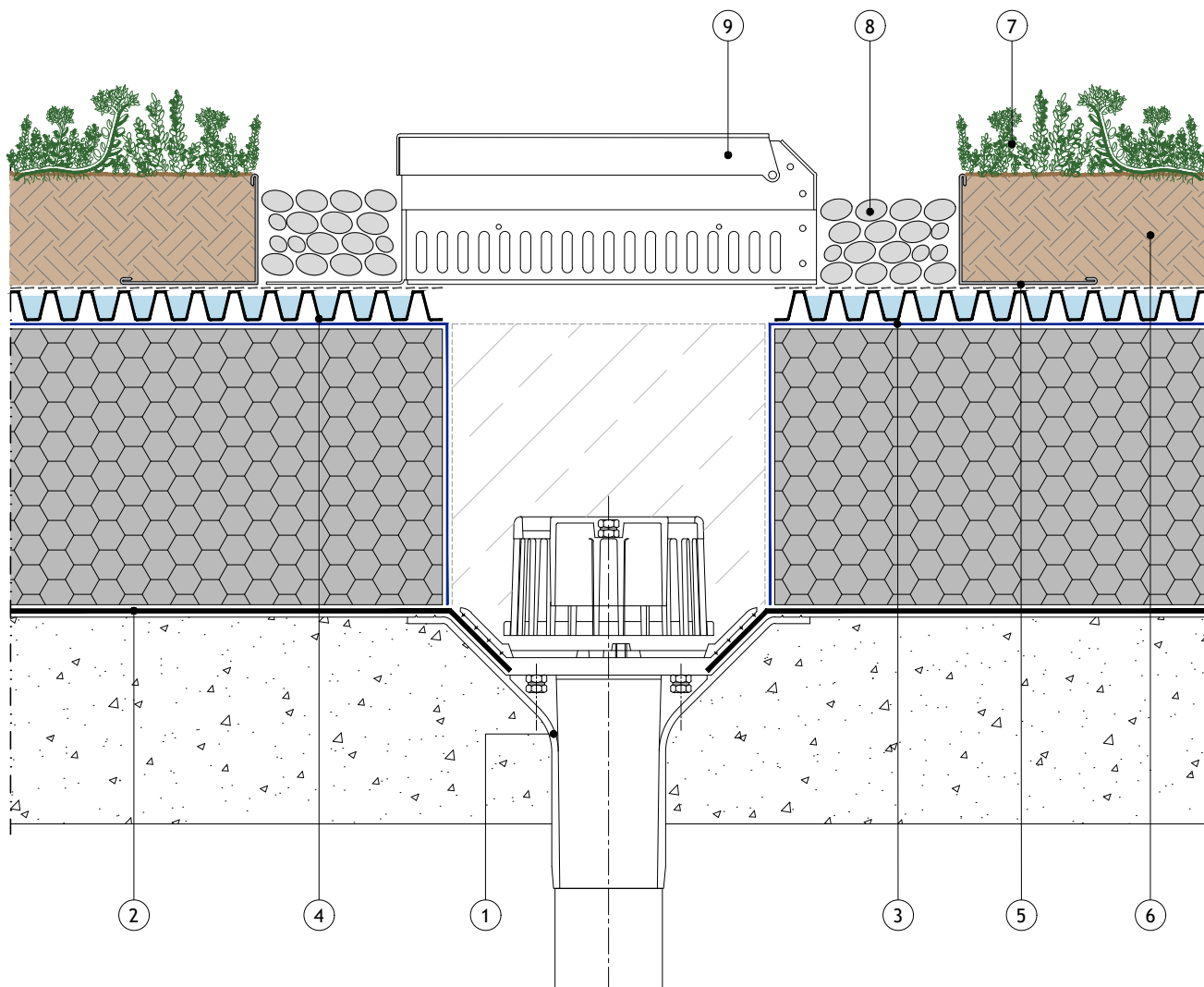
Revision:
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Scale:
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Date:
January 2026

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Section Key:

1. Drainage outlet, by others.
2. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
3. Water flow reducing layer (WFRL).
4. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
5. Blackdown Retention Angle, metal edging to suit substrate depth.
6. Blackdown Extensive Substrate.
7. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
8. Blackdown Washed Pebble Ballast 20/40mm, installed in accordance with current GRO recommendations.
9. Blackdown Inspection Chamber, size to suit substrate depth.

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Title:
**Extensive Green Roof - Inverted
Rainwater Outlet**

Drawing No:
BLK IE 02 01

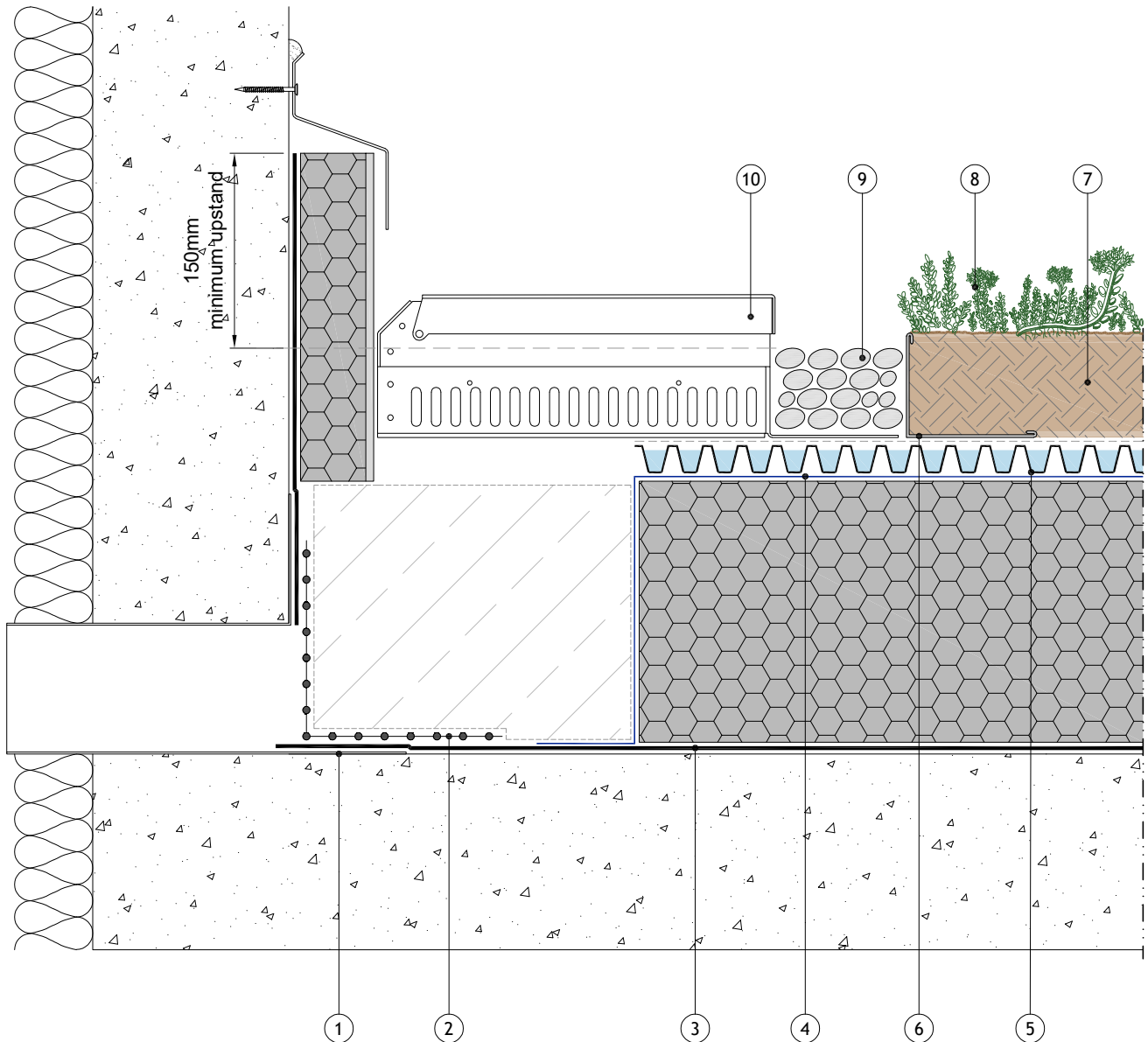
Revision:
B

Scale:
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Date:
January 2026

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Section Key:

1. Drainage chute, by others.
2. Guard/Mesh, by others.
3. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
4. Water flow reducing layer (WFRL).
5. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
6. Blackdown Retention Angle, metal edging to suit substrate depth.
7. Blackdown Extensive Substrate.
8. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
9. Blackdown Washed Pebble Ballast 20/40mm, installed in accordance with current GRO recommendations.
10. Blackdown Inspection Chamber, size to suit substrate depth.

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Title:
**Extensive Green Roof - Inverted
Rainwater Chute**

Drawing No:
BLK IE 02 02

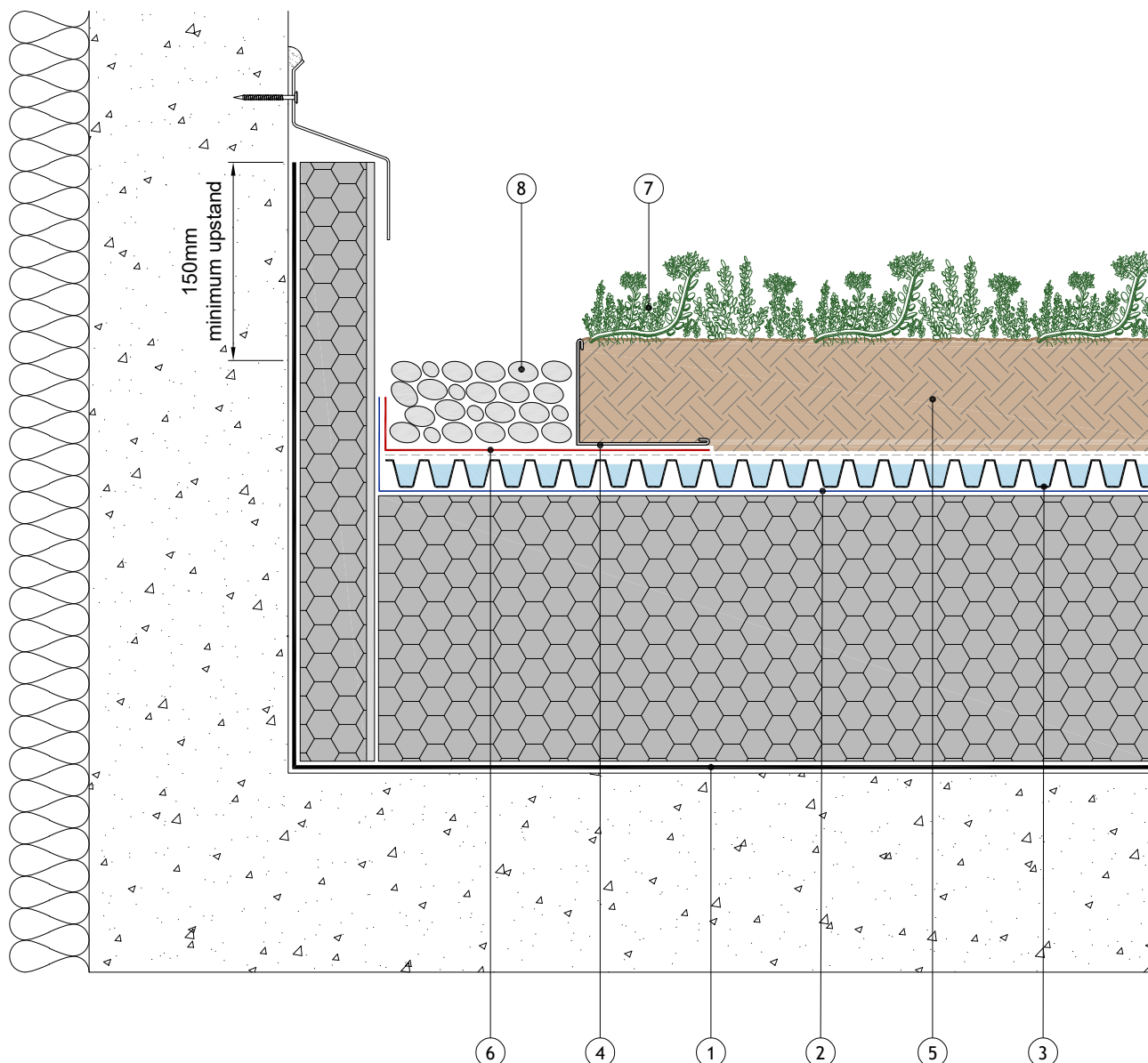
Scale:
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Revision:
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Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Water flow reducing layer (WFRL).
3. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Retention Angle, metal edging to suit substrate depth.
5. Blackdown Extensive Substrate.
6. Blackdown Upstand Fleece.
7. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
8. Blackdown Washed Pebble Ballast 20/40mm, installed in accordance with current GRO recommendations.

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Title:
**Extensive Green Roof - Inverted
Abutment to Parapet**

Drawing No:
BLK IE 03 01

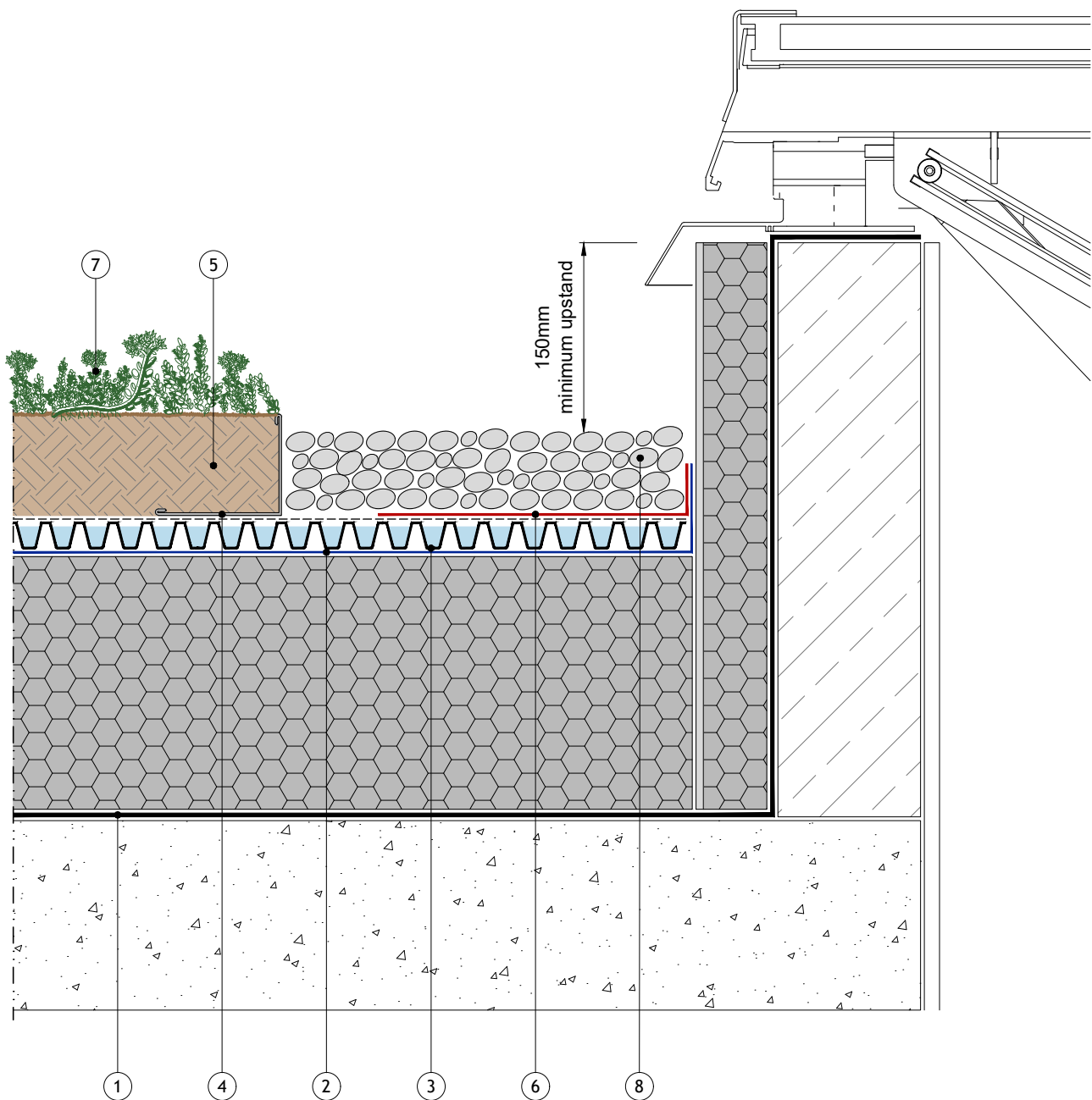
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Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Water flow reducing layer (WFRL).
3. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Retention Angle, metal edging to suit substrate depth.
5. Blackdown Extensive Substrate.
6. Blackdown Upstand Fleece.
7. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
8. Blackdown Washed Pebble Ballast 20/40mm, installed in accordance with current GRO recommendations.

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www.alumascroofing.com

Title:
**Extensive Green Roof - Inverted
Abutment to Roof Opening**

Drawing No:
BLK IE 03 02

Scale:
Not to Scale

Revision:
B

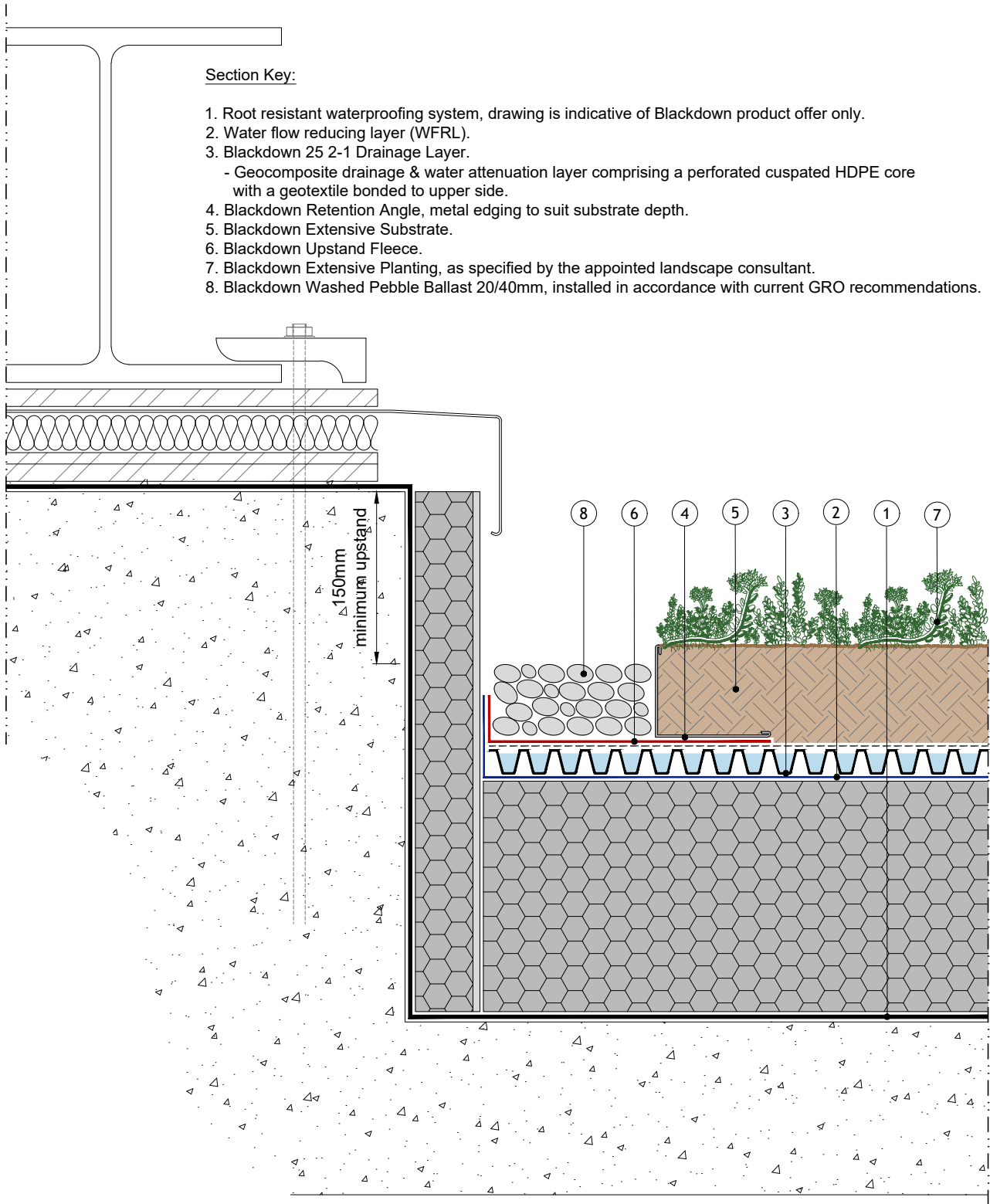
Date:
January 2026

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Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Water flow reducing layer (WFRL).
3. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Retention Angle, metal edging to suit substrate depth.
5. Blackdown Extensive Substrate.
6. Blackdown Upstand Fleece.
7. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
8. Blackdown Washed Pebble Ballast 20/40mm, installed in accordance with current GRO recommendations.



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www.alumascroofing.com

Title:
**Extensive Green Roof - Inverted
Abutment to Plinth**

Drawing No:
BLK IE 03 03

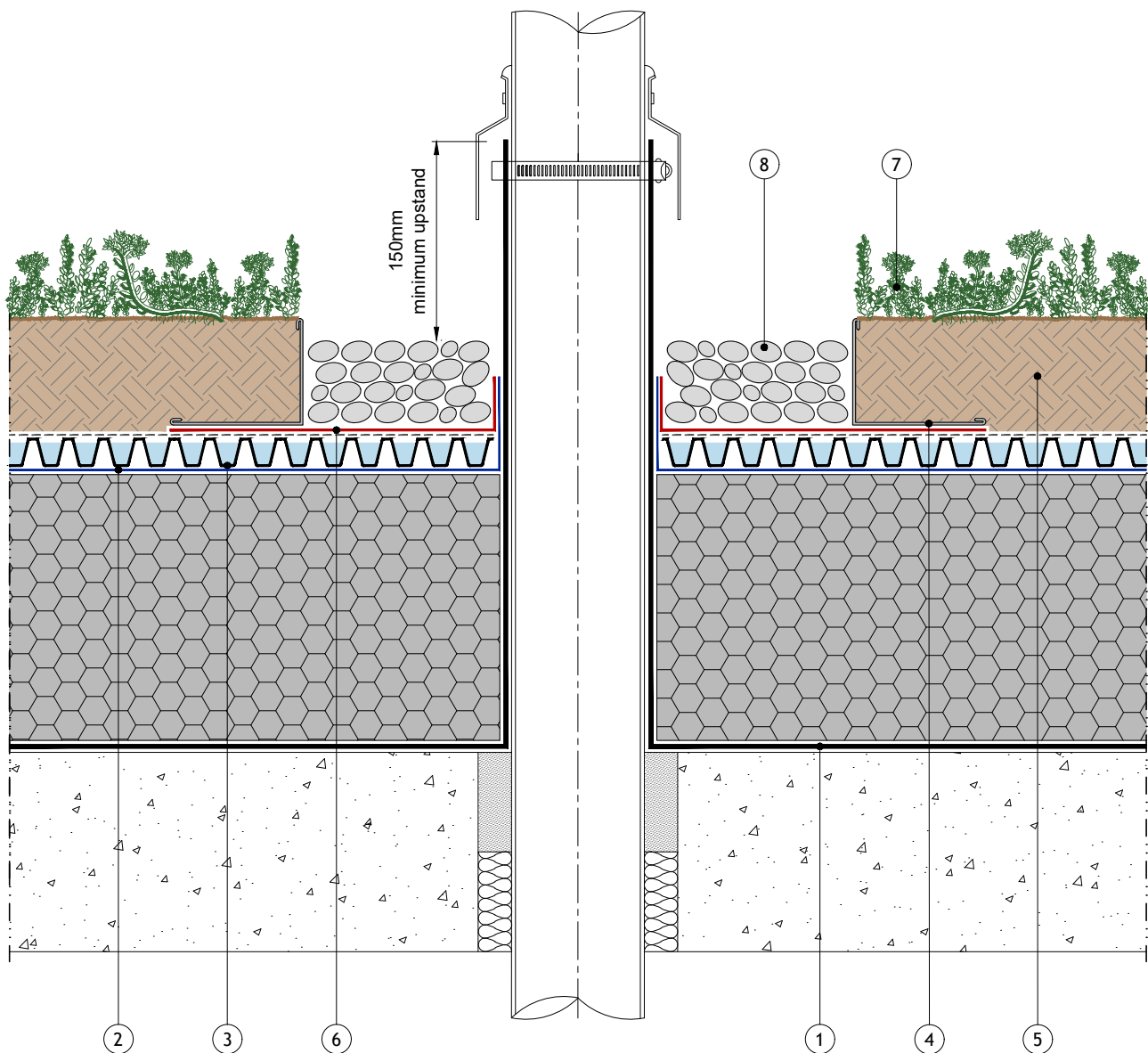
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Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Water flow reducing layer (WFRL).
3. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Retention Angle, metal edging to suit substrate depth.
5. Blackdown Extensive Substrate.
6. Blackdown Ustand Fleece.
7. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
8. Blackdown Washed Pebble Ballast 20/40mm, installed in accordance with current GRO recommendations.

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Title:
**Extensive Green Roof - Inverted
Skirting to Cold Pipe**

Drawing No:
BLK IE 04 01

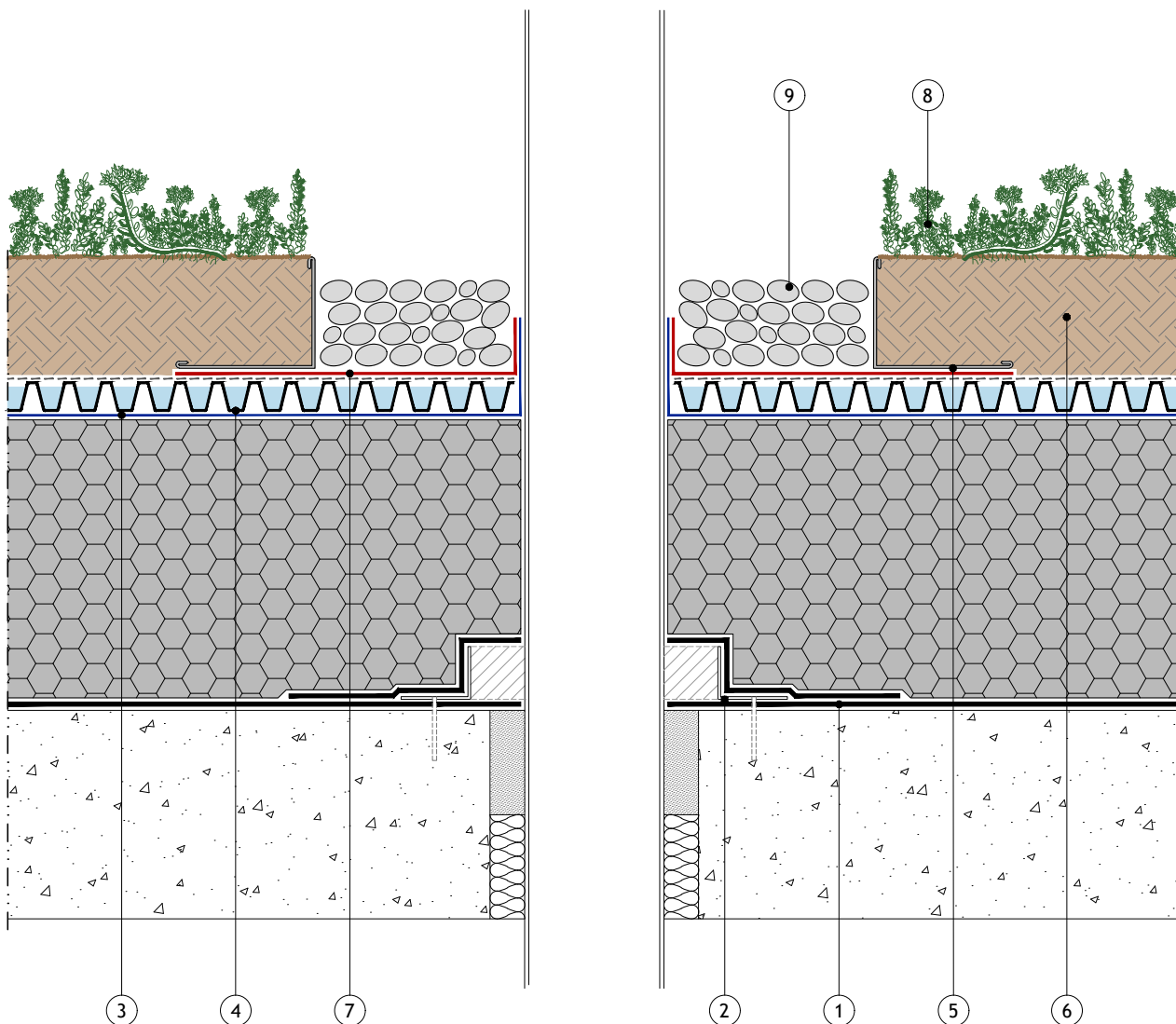
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Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Pitch pocket detail by specialist waterproofing supplier.
3. Water flow reducing layer (WFRL).
4. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
5. Blackdown Retention Angle, metal edging to suit substrate depth.
6. Blackdown Extensive Substrate.
7. Blackdown Uprand Fleece.
8. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
9. Blackdown Washed Pebble Ballast 20/40mm, installed in accordance with current GRO recommendations.

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www.alumascroofing.com

Title:
Extensive Green Roof - Inverted
Skirting to Penetration + Pitch Pocket

Drawing No:
BLK IE 04 02

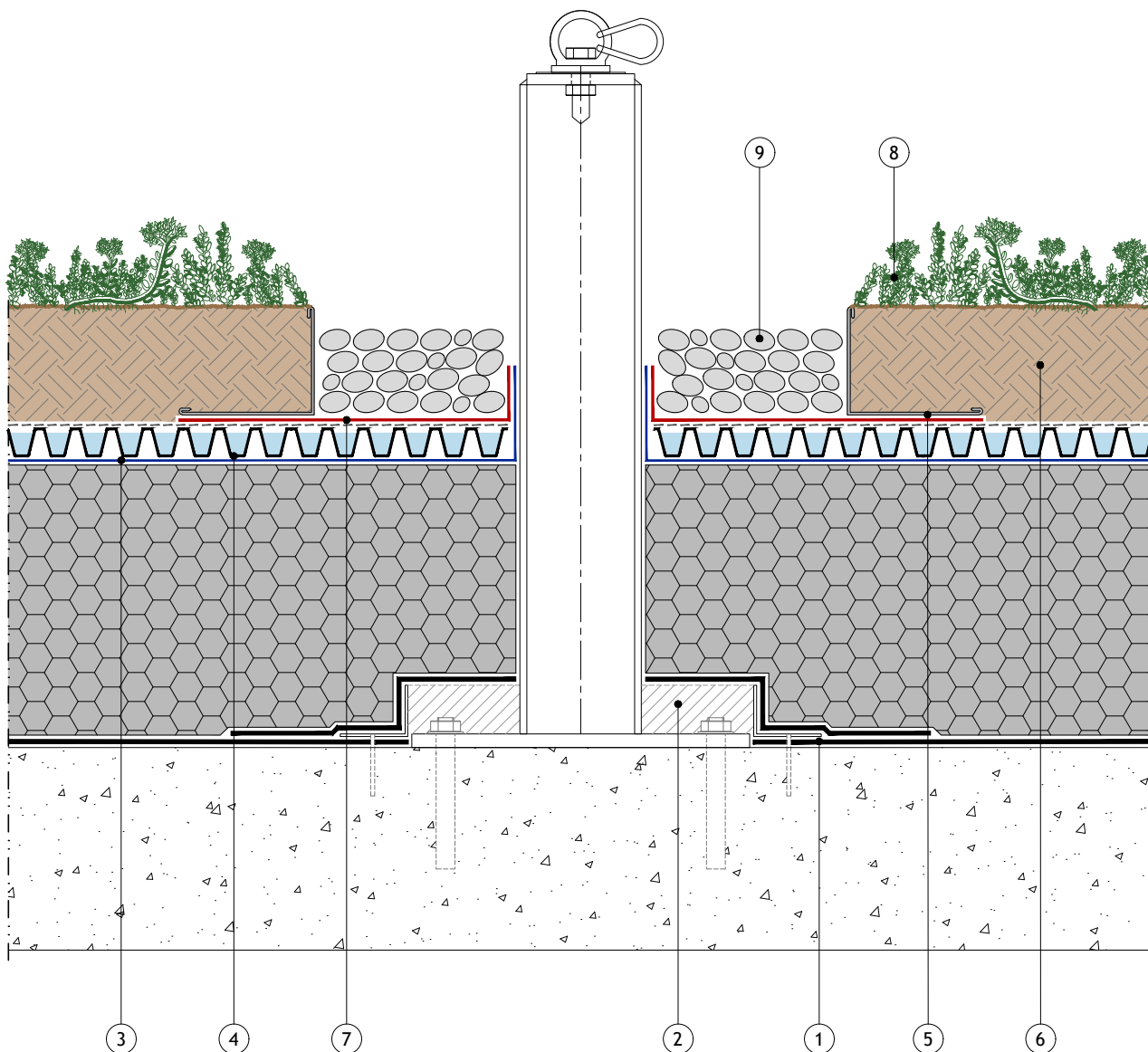
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Section Key:

1. Root resistant waterproofing system, drawing is indicative of Blackdown product offer only.
2. Pitch pocket detail by specialist waterproofing supplier.
3. Water flow reducing layer (WFR).
4. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
5. Blackdown Retention Angle, metal edging to suit substrate depth.
6. Blackdown Extensive Substrate.
7. Blackdown Upstand Fleece.
8. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
9. Blackdown Washed Pebble Ballast 20/40mm, installed in accordance with current GRO recommendations.

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www.alumascroofing.com

Title:
**Extensive Green Roof - Inverted
Fall Arrest System**

Drawing No:
BLK IE 04 04

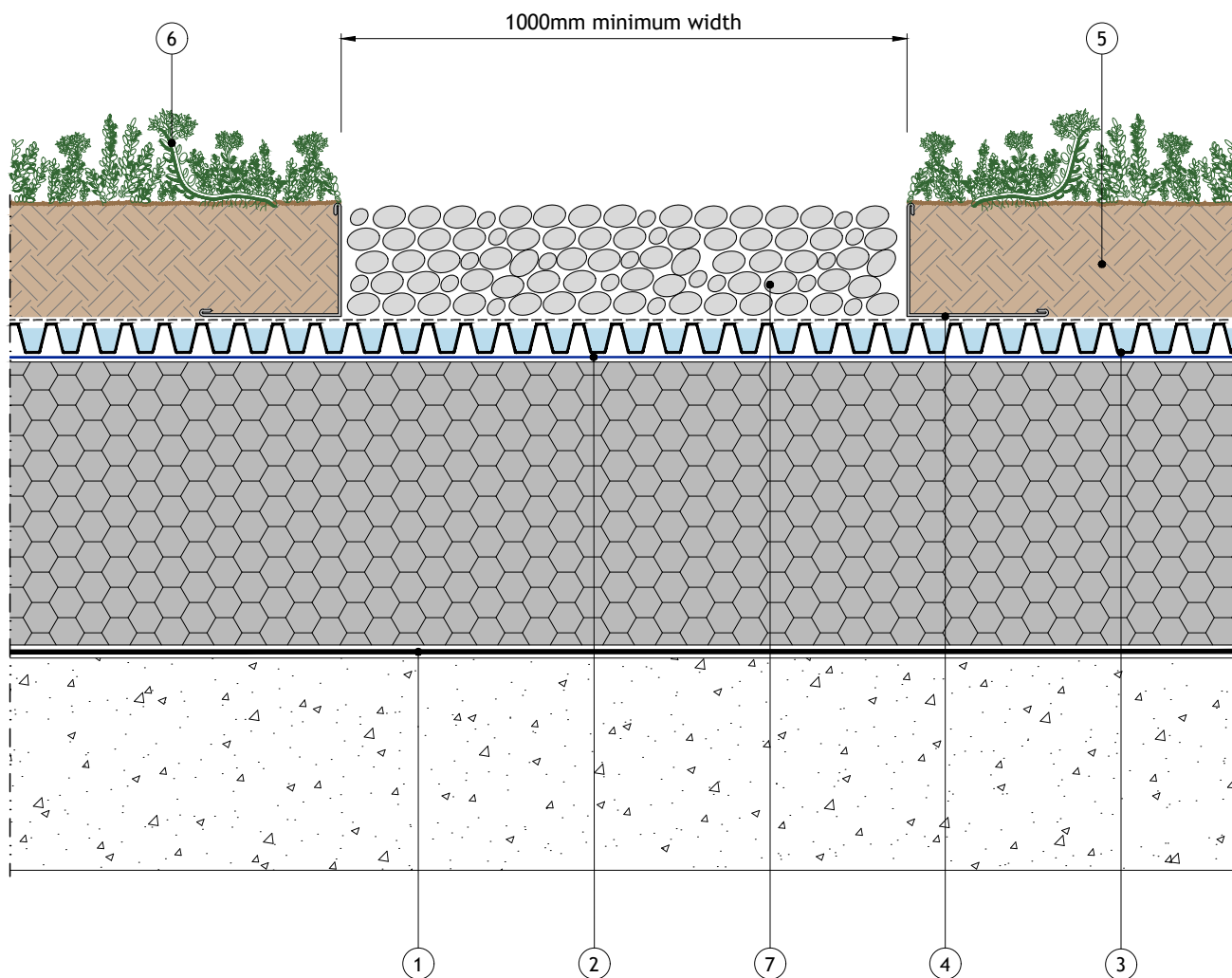
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Revision:
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Section Key:

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2. Water flow reducing layer (WFRL).
3. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Retention Angle, metal edging to suit substrate depth.
5. Blackdown Extensive Substrate.
6. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
7. A 1m wide fire break should be installed across the roof every 40m comprising Blackdown Washed Ballast 20/40mm, or paving slabs.

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Title:
**Extensive Green Roof - Inverted
Fire Break**

Drawing No:
BLK IE 05 01

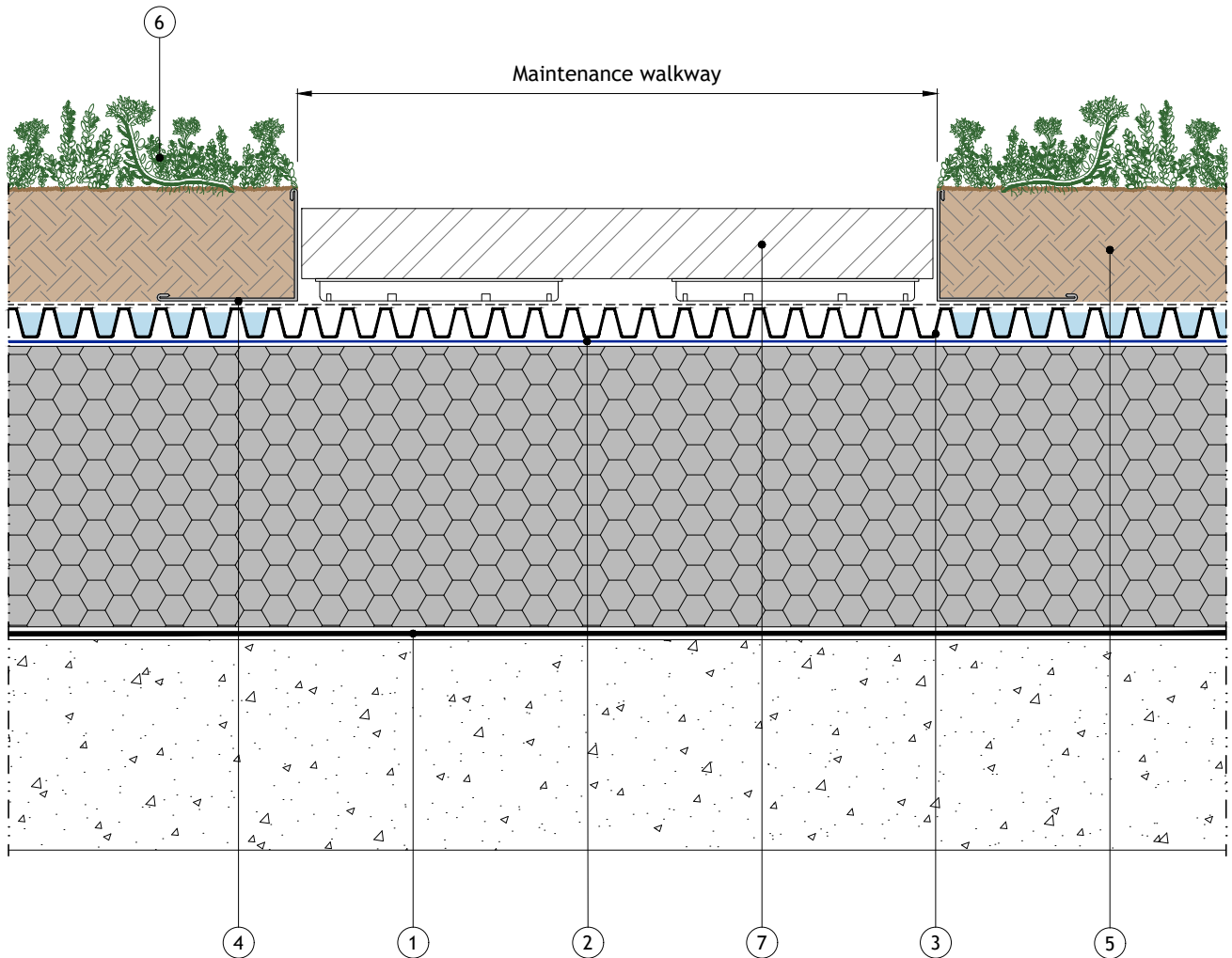
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Section Key:

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2. Water flow reducing layer (WFRL).
3. Blackdown 25 2-1 Drainage Layer.
- Geocomposite drainage & water attenuation layer comprising a perforated cusped HDPE core with a geotextile bonded to upper side.
4. Blackdown Retention Angle, metal edging to suit substrate depth.
5. Blackdown Extensive Substrate.
6. Blackdown Extensive Planting, as specified by the appointed landscape consultant.
7. Paving seated on pedestals min. 150Ø, as specified by the appointed landscape consultant.

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Title:
Extensive Green Roof - Inverted
Maintenance Walkway

Drawing No:
BLK IE 06 01

Scale:
Not to Scale

Revision:
B

Date:
January 2026

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