

SKY GARDEN MODULAR TRAY – SGMOD01



SPECIFICATION DESCRIPTION

Sky Garden's Modular System offers an innovative alternative to conventional loose-laid Green Roof systems. Light-weight and fast to install, the system also offers the advantage of being easy to lift for roof inspection and to lift modules at any time if required.

Pre-cultivated vegetation, containing between 8-12 species specifically chosen for Extensive green roof applications. Grown on a 80 mm substrate base within a rigid recycled polypropylene modular 490mm (L) x 450mm (W) x 80mm (H) container.

SYSTEM CONSIDERATIONS

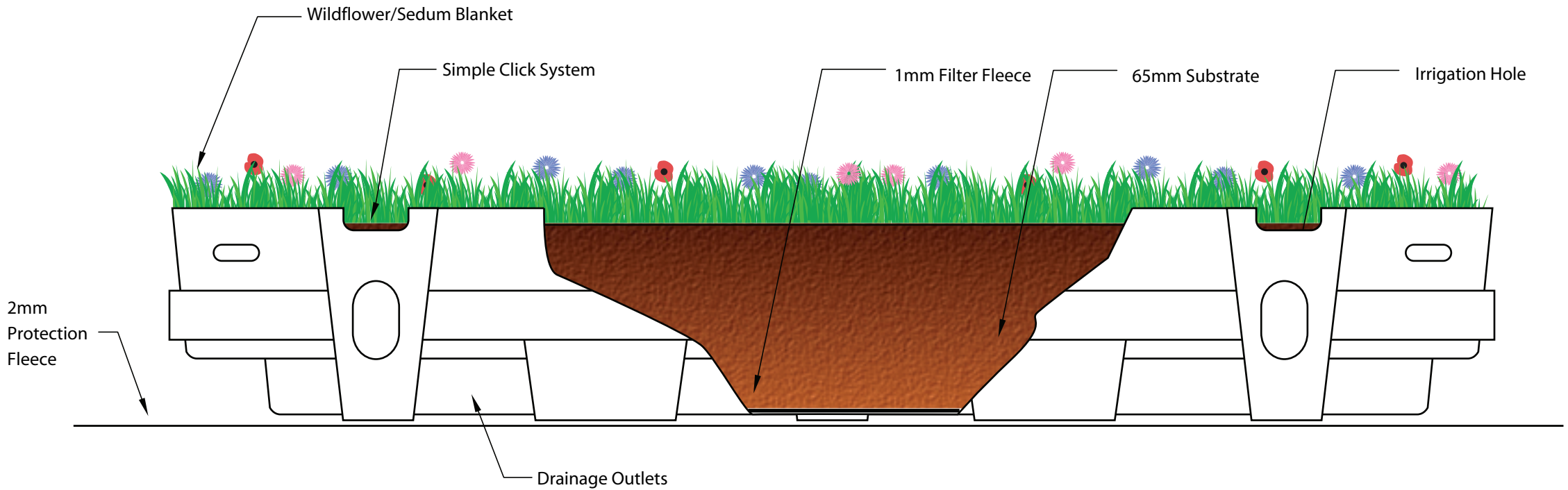
- Instant vegetative cover
- Trays can be lifted and reconfigured easily.
- Low maintenance.
- Trays slot next to each other for easy installation.

PHYSICAL PROPERTIES

Composition	Base - Recycled polypropylene tray, perforated for drainage.
	Growing Medium – 80 mm Sedum Mix
	Vegetation - Mature Sedum plants pre-grown from seed
Depth	Filled growing medium – 80 mm
Weight (dry)	52 kg/m ²
Weight (saturated)	82 kg/m ²
Consignment Size	10 m ² per Pallet
Colour	Seasonal variation.
Sizes	As above.

SPECIES LIST

Sedum acre, Sedum album, Sedum ellacombianum, Sedum floriferum, Sedumforsterianum, Sedum hybridum, Sedum kamschaticum, Sedum montanum, Sedum reflexum, Sedum selskianum, Sedum sexangulare, Sedum spirium



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 Beta Orchard Industrial Estate
 Toddington
 Cheltenham
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Q37 Details

Protection Fleece

- Material: Tensile geo-synthetic protection layer
- Thickness: 2mm

- Tray System

- Drainage and retention tray
- Depth: 80mm

- Filter Fleece

- Material: 1mm non woven geotextile

- Modular Substrate

- Material: 80:20 crushed red brick
low nutrient, free draining root zone
- Depth: 65mm

- Vegetation

- Planting Mix: 30mm sedum blanket
10 - 12 species mix

System Name & No.

Green Roof Module (SGM01)

Drawn by:

CST

Scale:

Do Not Scale

Contact:

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Key - General Arrangement

- 20 New front gate cast from existing cast iron railing with foliated spearhead finial
- 21 Repairs to ground floor living room with new timber door to match existing
- 22 Repairs to ground floor living room with new timber door to match existing
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- 46 Repairs to plaster and pediment with existing door white painted
- 47 Repairs to front lightwell floor tiles with pipe to existing kitchen sink removed.
- 48 Brick pavours to rear garden terrace
- 49 Existing Yorkstone retained and reused in rear garden footpath

20 DEGREE ROOF 1 :

TOTAL AREA : 21m²

TOTAL BALLAST (500mm) : 10m²

TOTAL SEDUM : 11m²

SYSTEM DIVIDE : 17lm

PARAPETS TO BE FITTED BY ROOFING CONTRACTOR - ALONG WITH BATTEN BREAKS.

5 DEGREE PITCH - ROOF 2

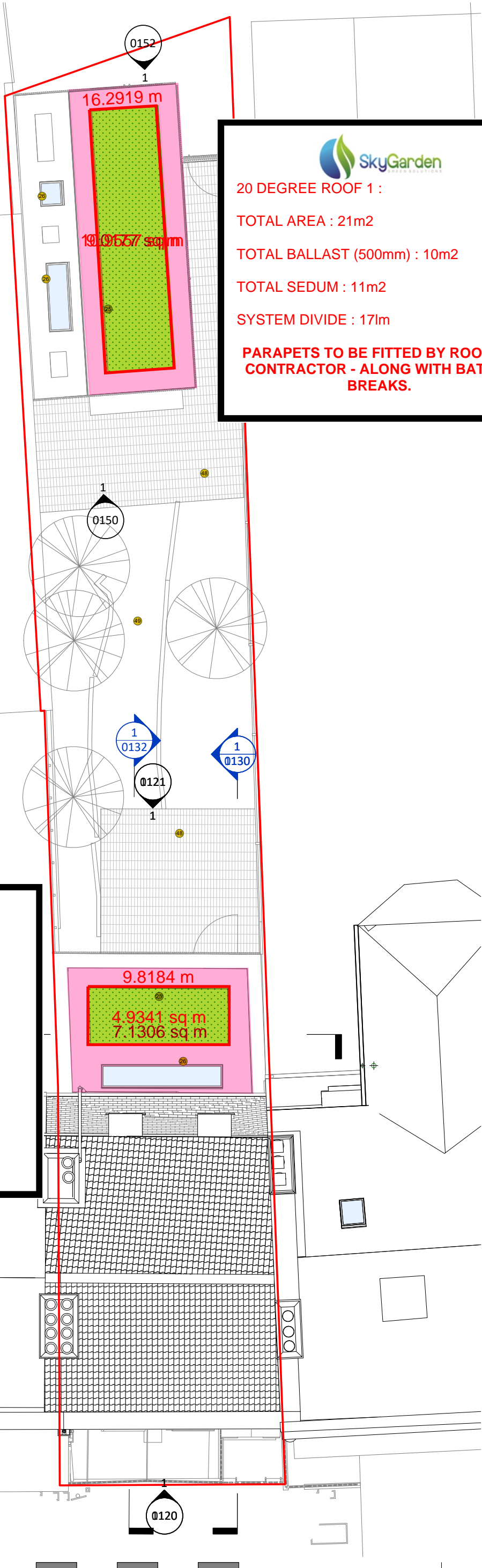
TOTAL AREA : 13m²

TOTAL BALLAST @ 500mm : 8m²

TOTAL SEDUM : 5m²

SYSTEM DIVIDE : 10lm

FIXED PARAPET BY OTHERS.



Proposed - Roof
1 : 100

- P03 22/02/2023 Revised for Planning and Listed Building Consent following comments from Conservation Officer
- P01 16/09/2022 Issued for planning & listed building consent application

[STATUS]	REV	DATE	DESCRIPTION
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CLIENT
Caroline Van Arwegen

REVISOR
DO

CHECKED BY
SC

ORIGINATOR NO
1237

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PROJECT
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DRAWING TITLE
Proposed GA Plan - Roof Plan

SUITABILITY STATUS
PL : PLANNING

SCALE
1 : 100 @ A3