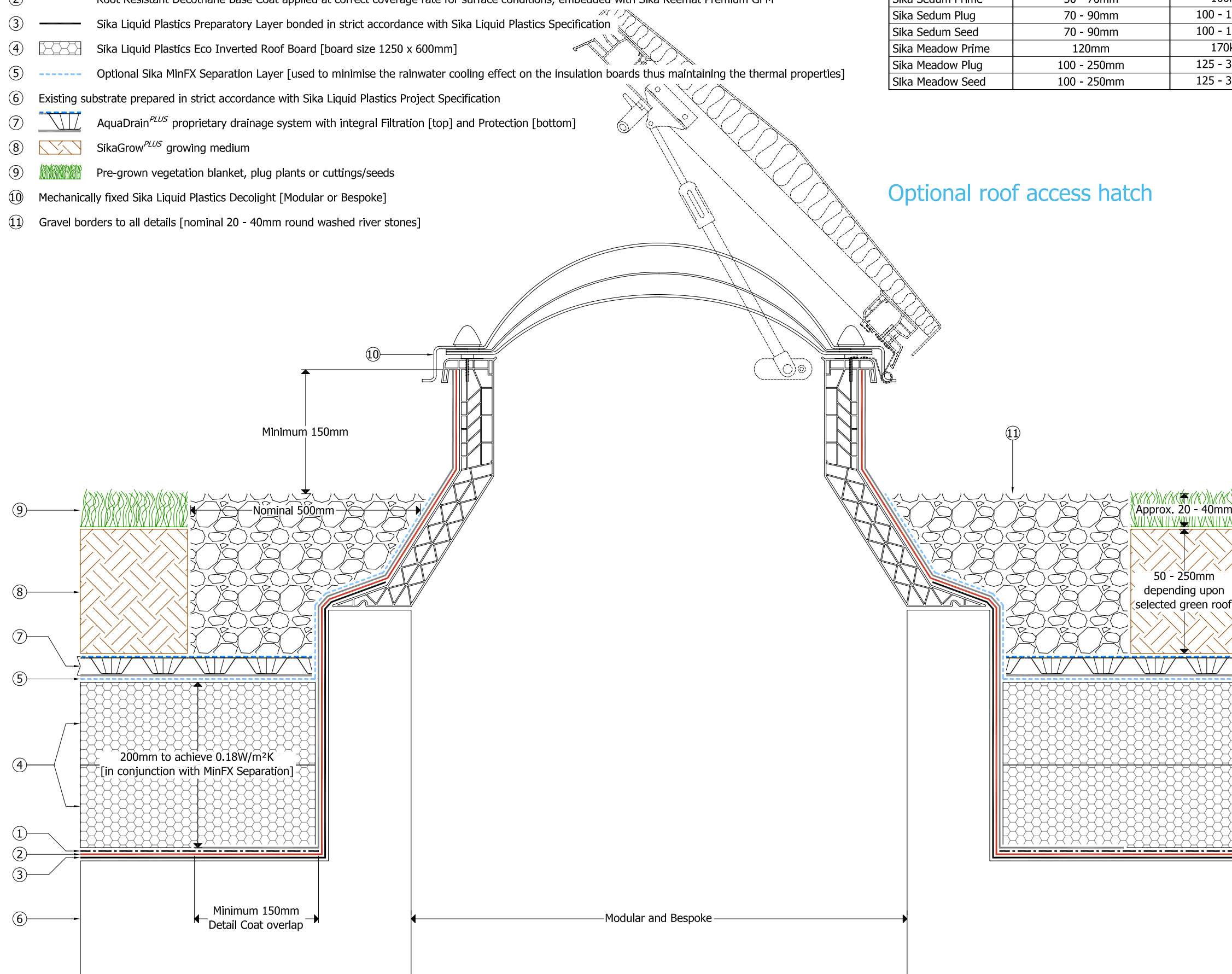


Key

- ① Root Resistant Decothane Top Coat applied in strict accordance with Sika Liquid Plastics Project Specification
- ② Root Resistant Decothane Base Coat applied at correct coverage rate for surface conditions, embedded with Sika Reemat Premium GFM
- ③ Sika Liquid Plastics Preparatory Layer bonded in strict accordance with Sika Liquid Plastics Specification
- ④ Sika Liquid Plastics Eco Inverted Roof Board [board size 1250 x 600mm]
- ⑤ Optional Sika MinFX Separation Layer [used to minimise the rainwater cooling effect on the insulation boards thus maintaining the thermal properties]
- ⑥ Existing substrate prepared in strict accordance with Sika Liquid Plastics Project Specification
- ⑦ AquaDrain^{PLUS} proprietary drainage system with integral Filtration [top] and Protection [bottom]
- ⑧ SikaGrow^{PLUS} growing medium
- ⑨ Pre-grown vegetation blanket, plug plants or cuttings/seeds
- ⑩ Mechanically fixed Sika Liquid Plastics Decolight [Modular or Bespoke]
- ⑪ Gravel borders to all details [nominal 20 - 40mm round washed river stones]

Vegetation Options	SikaGrow ^{PLUS} Thickness	Gross Wet Weights
Sika Sedum Prime	50 - 70mm	100kg/m ²
Sika Sedum Plug	70 - 90mm	100 - 125kg/m ²
Sika Sedum Seed	70 - 90mm	100 - 125kg/m ²
Sika Meadow Prime	120mm	170kg/m ²
Sika Meadow Plug	100 - 250mm	125 - 340kg/m ²
Sika Meadow Seed	100 - 250mm	125 - 340kg/m ²



Optional roof access hatch



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This drawing is solely intended to illustrate the correct application of Sika Liquid Plastics products and systems. It must be read in conjunction with the appropriate specification and current issue of relevant Product Data Sheets. All elements bearing reference to structural and/or thermal design are shown indicatively and should not be used in whole or in part for any aspect of project design without consulting the relevant authorities.

For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229:2003 [Code of Practice for Flat Roofs with Continuously Supported Coverings] or improved upon for instances where these standards are not met.

Site-specific details not covered by our standard range can be obtained by providing relevant information to the email address shown.

INVERTED ROOF DESIGN NOTES:

Concrete roof slabs should be designed in accordance with BS 8217:2005... Section 5.1.2 Reinforced concrete: "Where a roof slab of reinforced concrete is designed as the deck which will directly support reinforced membrane roofing, it is preferable to lay the slab to provide adequate drainage falls as recommended in BS 6229:2003. The surface of the concrete should be finished with a wood float to provide a suitably smooth surface free from ridges and hollows. Provision should be made for drying out the slab. A concrete surface which is not adequately smooth, or does not provide even drainage falls, should be screeded to correct these points."

Project No	
DWG No	Revision
Project:	
Drawing Title: Green Roof installation over an Inverted Roof showing application around a Decolight rooflight	
Scale: NTS @ A3	Drawn:
Date:	

