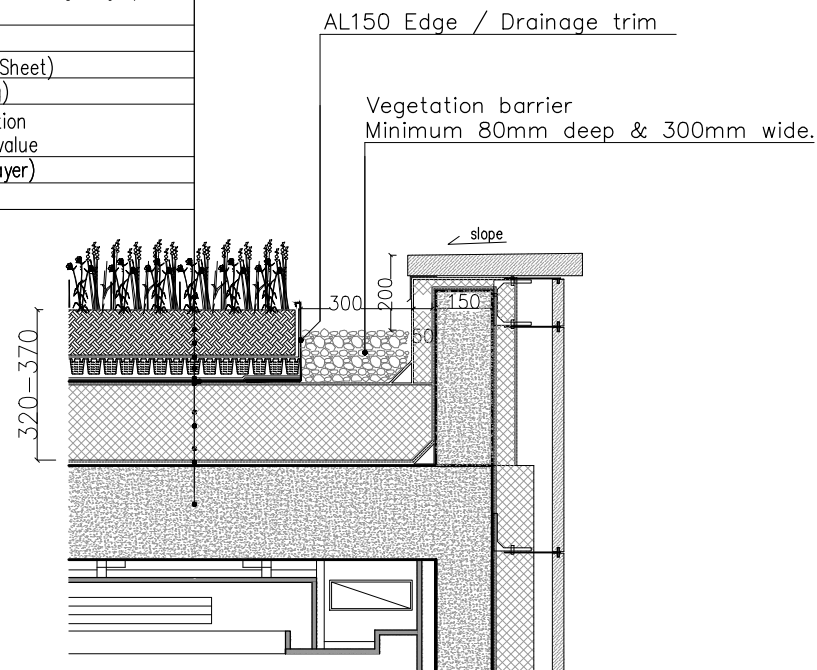


- 1-Bauder WB Native Species Wildflower
- 2-Biodiverse Substrate Depth: 120mm
- 3-Filter Fleece
- 4-Bauder DSE40 (Drainage and water storage layer) 40mm
- 5-Bauder FSM600 (Protection layer)
- 6-Bauder Pe Foil (Separation layer)
- 7-Bauder AP2 (Root Resistant Cap Sheet)
- 8-Bauder Sprint Duo (Water proofing)
- 9-Bauder PIR FA-TE Tapered insulation  
Average 160mm to achieve 0.13 U-value
- 10-Bauder KSD Mica (vapour control layer)
- 11-RC Roof 250mm



### Green Roof Section

SCALE: 1:20

The Blanket will have been pre grown in Bauder's nursery and will have coverage of around 85-100%. It will be made up of individual plants (not a swath like fine turf). The key is that it has a very low percentage of non-invasive grasses and a broad mix of wildflowers which will promote a long flowering season.

The Biodiverse substrate is 120mm complies with the GRO code. This depth would greatly reduce the need for irrigation and would increase the weight of the roof (circa 180-200 Kg/m<sup>2</sup>), this has been seen in our structural design.

There is a Tap point at roof level for irrigation during drought.



### Key Plan

### Species (native wildflower blankets)

Scientific name	Common name	PFP	Larval footplant	
Achillea millefolium	Yarrow	y		
Agrimonia eupatoria	Agrimony	y	y	
Aquilegia vulgaris	Columbine	y		
Bellis perennis	Daisy	y		
Campanula glomerata	Bellflower; Clustered	y		
Campanula rotundifolia	Harebell	y		
Centaurea cyanus	Cornflower	y		
Centaurea nigra	Knapweed; Common	y		
Chicorium intybus	Chicory	y		
Clinipodium vulgare	Basil; Wild	y		
Daucus carota	Carrot; Wild	y		
Dianthus deltoides	Pink; Maiden	y		
Dipsacus fullonum	Teasel	y		
Echium vulgare	Viper's-bugloss	y		
Foeniculum vulgare	Fennel			
Geranium pratense	Crane's-bill; Meadow	y		
Linaria vulgaris	Toadflax; Common	y		
Lotus corniculatus	Bird's-foot-trefoil; Common	y	y	
Lythrum salicaria	Purple; Loosestrife	y		
Malva moscahta	Mallow; Musk	y		
Origanum vulgare	Marjoram; Wild	y	y	
Papaver rhoes	Poppy; Field or Common	y		
Pilosella aurantiaca	Fox-and-cubs	y		
Plantago media	Hoary plantain		y	
Primula veris	Cowslip	y	y	
Primula vulgaris	Primrose	y		
Ranunculus acris	Buttercup; Meadow	y		
Rumex acetosa	Sorrel; Common		y	
Salvia verbenaca	Clary; Wild			
Scabiosa columbaria	Scabious; Small	y	y	
Scorzoneroides autumnalis	Hawkbit; Autumn	y		
Silene dioica	Campion; Red	y		
Silene flos-cuculi	Ragged-Robin	y		
Silene uniflora	Campion; White	y		
Sucissa pratensis	Devil's-bit scabious	y		
Tanacetum vulgare	Tansy	y		
Thymus polytrichus	Thyme; Wild	y	y	
Trifolium pratense	Clover; Red	y		
Viola riviniana	Common dog violet	y		
Viola tricolor	Pansy; Wild or Heartsease	y		
		40	35	8
Grass species (<10%)				
Festuca ovina	Sheepsfescue		y	
Festuca rubra	Slender Creeping Red Fescue		y	
Briza media	Quaking-grass			
Hordeum brachyantherum	Barley; Meadow			



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No.	Description	Date

Client : Mr. M Saadati	
Project Name : 53, Fitzroy Park	
Basement & Pool Plant Room	
Project number	110
Date	07/08/2018
Drawn by	S.J.
Checked by	J.Y.
110-A3-05-01	
Scale	1 : 100 @ A3