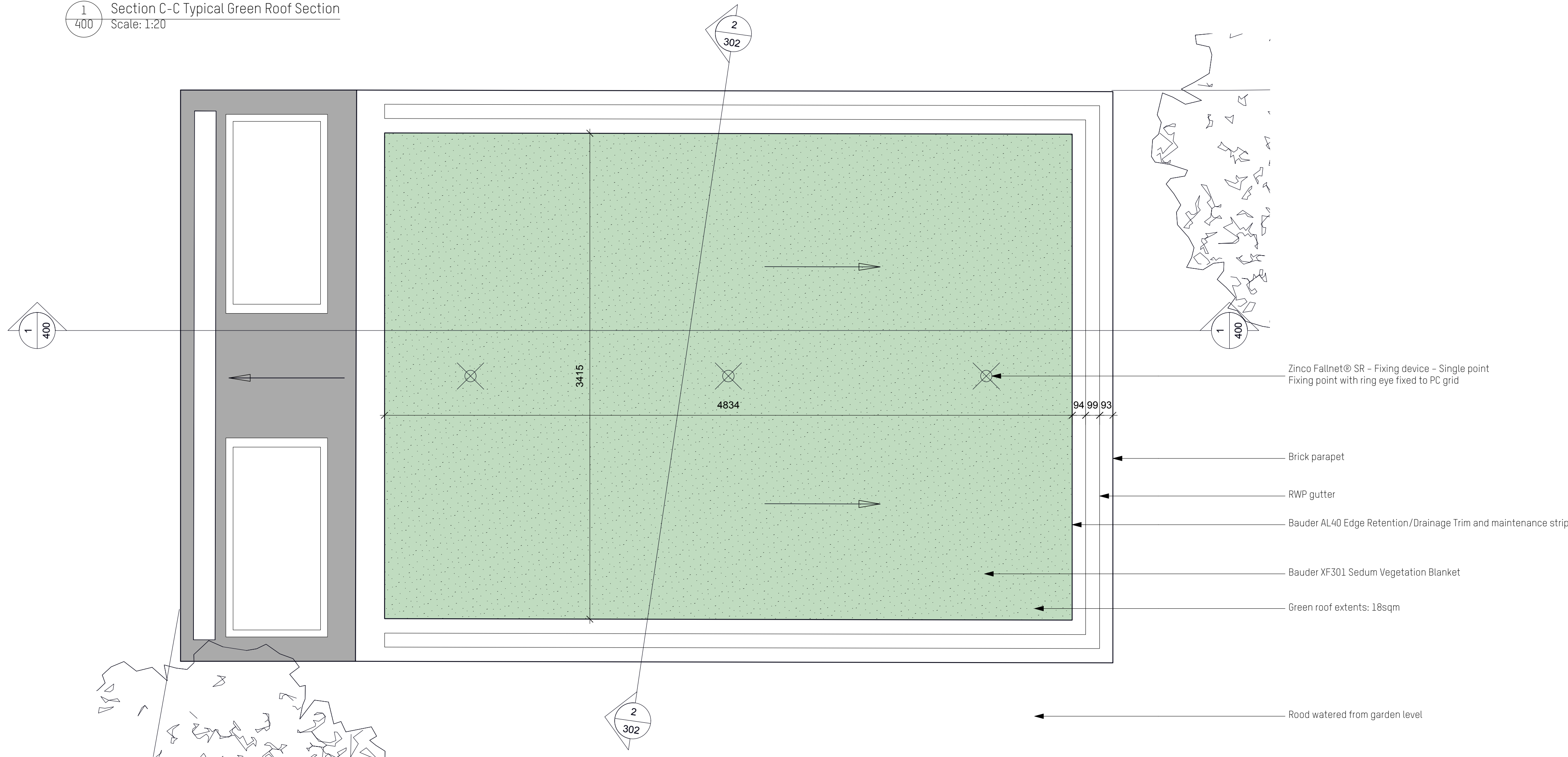


1
400 Section C-C Typical Green Roof Section
Scale: 1:20



2
400 Proposed Roof Plan - Garden Studio Maintenance Plan
Scale: 1:20

GREEN ROOF SPECIFICATION DETAILS

Green Roof System: Bauder XF301 Sedum Vegetation Blanket
Substrate: CURE-IT (or similar) GRP waterproofing system
Planting Density: N/A (sedum blanket)

List of Species within BAUDER SEDUM BLANKET XF301

Sedum acre
Sedum album - 'bella d' Inverno
Sedum album - coral carpet
Sedum everisie
Sedum Kamtschaticum - ellacombianum
Sedum Kamtschaticum - weinstephaner gold Sedum
montanum orientale
Sedum pulchellum
Sedum rupestre (reflexum)
Sedum saxangulare
Sedum spurium - mesemlanthemum - Delosferma Sedum
spurium - mesemlanthemum - hallii Sedum verticillatam

INSTALLATION AND MAINTENANCE

On-site requirements

A water supply at roof top level is required during the installation of any vegetation blanket. Once an area of installation is completed the vegetation blanket is heavily watered to ensure that the plants and substrate are saturated before moving on to the next area.

Water will be provided from the existing garden tap and hose.

The installation pattern is quite straightforward and will be devised by the Bauder Approved Contractor to suit the roof shape, orientation and pitch. Upon completion of the installation, Bauder organic slow release fertiliser is applied and watered-in to assist the plants' establishment and providing them with nutrients to promote growth.

Vegetation Barriers

Vegetation barriers are created and installed by using 20 - 40mm round washed pebbles at the perimeters, upstands and abutments and provides protection against wind uplift at the edges of the blanket as well as rapid surface drainage during heavy rainfall.

XF301 Combination Sedum Blanket

The XF301 Sedum Blanket already incorporates the depth of substrate required in to which the plants are established.

Post Installation Watering requirements

The vegetation blankets will require a post-installation irrigation period of 4 weeks for sedums and 10 weeks for wildflowers where the blankets should not be allowed to dry out. The amount of watering the plants will require depends upon the location of the building, the roof type and degree of pitch, local climate and exposure levels and the type of plants in the vegetation blanket.

It may also be necessary to irrigate for longer than this if installation is followed by a warm, dry spell of weather. To encourage the plants to survive without topical irrigation and harden them ready to survive the winter it is important to start cutting back watering from early September. The maintenance requirement in the years following installation will depend upon the weather experienced through the winter and early spring of each year and should follow our standard extensive green roof maintenance guidelines, excepting where weather conditions have caused significant damage to the vegetation.

Th XF301 has been specified due to the minimum maintenance required. However, if more intensive remedial works are required 3 Anchor points will be provided to enable safe working at height.

Note: Drawings are for information only

rev	date	initials	description
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location

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project

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drawing title

Green Roof Details

drawn AG	scale @ A1 1:20	status Planning
date Feb 202	project number 087	rev.
project number 087	drawing number 400	