

14

13

12

11

10

9

8

7

6

5

4

3

2

1

NOTE: DRAINAGE OUTLETS THROUGH ROOF SLAB BELOW PAVEMENT AND SOFTWORKS FINISHES ARE TO BE COORDINATED.

SEDUM AREA B:  
Top edge of planter at 210mm above insulation (i.e. +61.520)  
Softworks area at 22sqm

Vent pipe approximate location

Edge to sedum planting area - with build ups generally at 130mm the sedum area requires an upstand edge to achieve 150mm soil depths.

30mm gap between planter edge and facade panel. For panel access and removal.

All surface finishes and build ups to be coordinated with users and M&E routes

3mm galvanised mild steel planter edge to continue behind gate to conceal level change between paving slabs and decking.

Gate access to be detailed to integrate mansafe clip on prior to exiting out on to the outer edge. Gate security to ensure that only 'method statement approved' and trained personnel exit main terrace.

90mm wide vertical insulation under parapet.

Protective edge balustrade to Lindner fabrication details - drawing KXC-R7-001-LFL-Y-21-2777.

Balustrade fixing passes through decking finishes, through insulation and on to roof slab

Bat boxes - final position to be agreed on site when wind / protection can be ascertained however all bat boxes to be on north or west facing aspect. Fixing details to be integrated into the louvre fabrication.

30mm gap between planter edge and facade panel. For panel access and removal.

Current decking build ups:  
22mm board thickness  
50mm joist  
23mm support packing  
200mm insulation  
5mm waterproofing  
= 300mm build up above slab

Kebony deck boards  
142mm wide  
hidden clip system  
6-7mm joints (6mm drawn)  
3.0m to 4.8m long  
800mm minimum overlap  
supporting joists at 400mm centres

PLANTER 2a:  
Top edge of planter at 350mm above timber deck (i.e. +61.790)  
Softworks area at 27.8sqm

PLANTER 2b:  
Top edge of planter at 550mm above timber deck (i.e. +61.990)  
Softworks area at 10.6sqm

Deck level  
+61.440 FFL

Structural slab level  
+61.140 FFL

PLANTER 4:  
Top edge of planter at 350mm above timber deck (i.e. +61.790)  
Softworks area at 20.8sqm

(48-sqm)

Decking level +61.440

Parapet level  
+61.682 with cross fall down to +61.654

SEDUM AREA A:  
Top edge of planter at 210mm above insulation (i.e. +61.520)  
Softworks area at 40.0sqm

Wildflower enhancement sedum mat with further perennial plug planting implemented on site. Refer to sections for substrate / growing medium build ups and interfaces with architectural edges.

Note: area outside of balustrade only accessible on mansafe system (design and assessment by Total Access). Occasional watering can be achieved from within the main terrace.

Insect hotel / log pile - final position to be agreed on site when wind / protection from swirls can be ascertained.

Access walkway 600mm wide extending under facade fins to 835mm. Nominal fall away from facade  
10mm gap between walkway edge and facade

Interface between deck boards, fins and flashing detail to the base of the facade, to the lobby sliding door, and the glazing facade to be coordinated.

Interior level  
+61.140 FFL

#### KEY: HARD LANDSCAPE ELEMENTS

Refer to Client brief and ALD illustrative document RP902 for material images, types and options.

**Kebony Decking**  
Scottish Pine decking boards, 22mm Depth x 142mm Wide 3000-4800mm Length  
Supplier: Kebony

**Terrace edge balustrade**  
Refer to Lindner facades Ltd. design and specification. Protective level to be achieved from surface of sedum mat.

**Planter bench**  
Timber top to bench (and backrest) with 3mm galvanised mild steel, zinc sprayed and powder coated structure below.  
Material: 3mm galvanised mild steel, zinc sprayed and powder coated.  
Seasoned Iroko timber  
Colour: RAL 8019

**Sedum edging**  
L-shaped edging to form depth for substrate build up as required for wildflower enhanced sedum.  
Material: 3mm galvanised mild steel, zinc sprayed and powder coated  
Colour: RAL 8019

**Concrete Paving**  
Marshalls Perfecta Paving 600 x 600 x 50mm concrete slabs. For sedum roof maintenance access. On pedestal stand system to +61.440 FFL.  
Supplier: Marshalls  
Material: PCC  
Colour: Perfecta, Natural

**Gravel Strip**  
Material: 40 - 60mm cobbles  
Colour: Grey

**Shrub planter edging (Low)**  
3mm galvanised mild steel with 60mm return at top edge of planter  
Material: 3mm galvanised mild steel, zinc sprayed and powder coated  
Colour: RAL 8019

**Shrub planter edging (High)**  
3mm galvanised mild steel with 60mm return at top edge of planter  
Material: 3mm galvanised mild steel, zinc sprayed and powder coated  
Colour: RAL 8019

**Moveable planters**  
3mm galvanised mild steel with 60mm return at top edge of planter. On wheels and to suppliers fabrication details.  
Material: 3mm galvanised mild steel, zinc sprayed and powder coated  
Colour: RAL 8019

**Rainwater Drainage Outlets**  
Refer to Kier MSE drawing 14014-ADME-LA-F-01-09-3500

**Davit sockets & mansafe system**  
Refer to total access drawing: KXC-R7-001-TA70916-Y-20-109

#### KEY: SOFT LANDSCAPE ELEMENTS

Refer to Client brief and ALD illustrative document RP901 for material images, types and options. Supporting details are indicated on ALD drawing ES603 which provides details on build ups, edgings and levels interfaces to be coordinated with insulation, pedestals etc.

**Sedum with wildflower enhancement**  
Minimum 150mm build up of substrate and sedum mat - to be a selected wildflower enhanced mat with additional plug plants sown in on site.  
Supplier: Lindum Turf or equivalent  
Material: Wildflower enhanced sedum  
Total Area: 41.5 square metres

**Shrub planting**  
Minimum 450mm build up of substrate and drainage mats - to be a selected shrub species with central specimen and seasonal groundcovers.  
Total Area: 137 square metres  
Refer to separate soft landscape detailed design and specification

**Climbing Plants**  
On stainless steel tension wires fixed to the building facade - provisional

#### KEY: ECOLOGICAL ENHANCEMENTS

Number, type and specification in accordance with RPS Ecology details (ref correspondence recd 23rd Jan 15). Of numbers shown 1no. bird box and 1no. bat box are to be positioned on higher level roof / plant areas.

**Insect Hotel/Log Pile (2 No.)**  
Log piles to be constructed on site and integrated into substrate build up as illustrations provided.

**Bat Box (3 No.)**  
1"FF Rectangular box suitable for flying to sides of buildings - attractive for Pipistrelle and Noctule bats

**Bird Nesting Box (4 No.)**  
2no. House sparrow terrace - woodcrete box in stone colour. Supplied by Schwieger or equivalent. To be fixed to wall / louvre. Low maintenance.  
2no. Swift nest boxes - woodcrete box in stone colour. Supplied by Schwieger or equivalent (UK agent is Jacobi Jaynes)

All dimensions to be verified on site. Figured dimensions to take precedent to those scaled. Any areas indicated on this drawing are for guidance only, no responsibility is taken for their accuracy.

This drawing is the property of Applied Landscape Design Limited. Copyright is reserved by them and the drawing is issued on the condition that it is not copied, reproduced, altered or disclosed to any unauthorised person, either wholly or in part without the written consent in writing of Applied Landscapes.

© 2015 Applied Landscape Design Limited. All rights reserved.

#### CDM/H&S:

The works illustrated on this drawing have been reviewed against the Design CDM Risk Register and significant risks are noted as:

#### Construction:

- Working in close proximity to parapet / facade edge.
- Working below trades involved in adjacent facade / upper roof levels.
- Risk of materials being knocked or blown off the roof to public realm.
- Handling of materials / weight and lifting on terrace.
- Requirement for making material connections, planter edge connections etc with polystyrene type products in vicinity.

#### Maintenance:

- Access to the outer strips of sedum and wildflower planting for maintenance activities including weeding and general tidying.
- Watering - if carried out over the balustrade then risk of water distracting public realm users below?

#### Demolition:

- Removal of products placed outside of the protective balustrade.
- Dismantling materials to a size that can be handled down from high level terrace.

#### NOTES / KEY:

#### REFERENCE DRAWINGS/DOCUMENTS

ALD658-L-904-01	Softworks Landscape Proposals
ALD658-L-90-002	Level 11 Landscape Layout
ALD658-L-91-001	Level 09 Planting Plan

#### REVISIONS

no.	issued	date
01	Issue for Planning	24.05.17

#### CLIENT:

ARGENT

#### CONTRACTOR

KIER CONSTRUCTION

#### LANDSCAPE ARCHITECT:

**ALD**  
applied landscape design  
The Threshing Barn, Bignell Park  
Barns, Chesherton, Nr. Bloister,  
Oxfordshire OX26 1TD  
Tel: 01869 249776  
Fax: 01869 327513  
Email: mail@appliedlandscape.co.uk

#### PROJECT:

R7 ROOF TERRACE

#### ARCHITECT:

WEEDON ARCHITECTS

#### DRAWING TITLE:

PLOT R7: LEVEL 9

TERRACE LANDSCAPE LAYOUT

drawn: AF	checked: KmJ
scale: 1:75 @A1	date: 06.04.2016
status: Planning	xref file ref: ALD658_MPbase
PROJECT NO. ALD658/15	DRAWING NUMBER: L-90-005
	REVISION: 01

ORIGINAL A1 SIZE SHEET