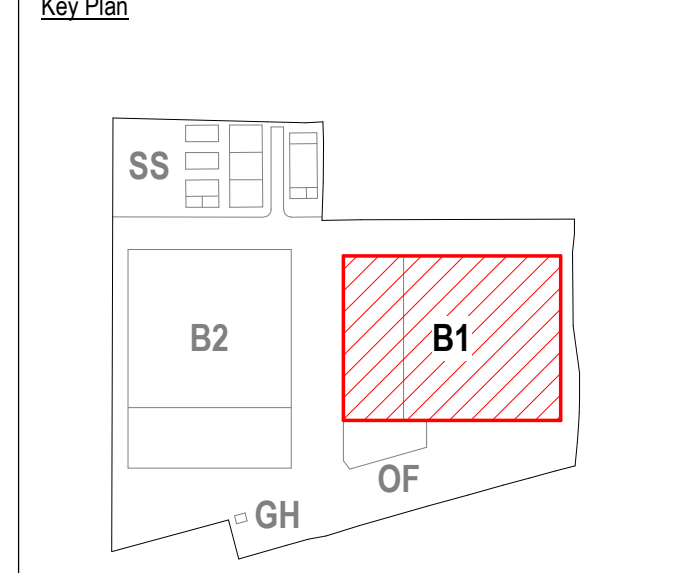
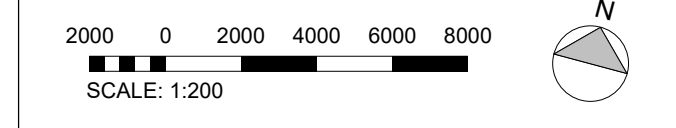


General Notes

1. Do not scale from this drawing. All dimensions indicated are in millimetres unless otherwise stated. Verify all measurements on site.
2. Any discrepancies between this drawing and other documents should be brought to the attention of the project manager.
3. This drawing is not an installation drawing. It is the Contractor's responsibility to make final coordinated installation drawings.
4. The contents of this drawing shall be read in conjunction with the current revisions of Architectural, Civil, Structural, Mechanical, Electrical, Security, Telecom drawings and all relevant sections of the specifications.



PROJ STAGE 4B ISSUE	VM	14/10/22
PROJ STAGE 4B ISSUE	VM	21/07/22
PROJ STAGE 4A - PLANNING CHANGES	VM	23/03/22
PROJ STAGE 4A ISSUE	VM	23/03/22
PROJ STAGE 3 - 100% ISSUE	BS/SH/AM	11/11/21
PROJ STAGE 3 - 90% ISSUE	OLEB	19/11/21
PROJ STAGE 3 - 90% ISSUE	OLEB	19/11/21
Other Issues	By Client App	0000

Client

colt
Data Centre Services

Lead Consultant / MEP Designer

&

28-30 Rivington Street
London, EC2A 3EH, United Kingdom
www.de-engineering.com

Architect

NWA

The Old Dairy
Hagley Park, 100m
Redditch, Worcestershire
B97 7JL, United Kingdom
www.nwarchitects.co.uk

Structural / Civil Engineer

ARUP

Central Square, Fench Street
Newcastle Upon Tyne
NE1 7PL, United Kingdom
www.arup.com

Fire Consultant

salus

Phoenix House, Marina Court
High Street, Redditch, Worcestershire
LE11 3EP, United Kingdom
www.salusfire.co.uk

Security Designer

Control Risks

Cottons Centre, Cottons Lane
London, SE1 1EQ, United Kingdom
www.controlrisks.com

Project Title

London 4

Drawing Title

Building 1 - East Elevation
General Arrangement

Project Status

STAGE 4B ISSUE

Discipline

ARCHITECTURE

Sheet Code

S4

Project Number

0493

Scale @ A0

1:100

Revision

P05

Drawing Number

DCS20109-NWA-DC-01-ZZ-DR-A-20402

Project - Designer - Engineer - Architect - Client - Planner - Discipline - Supplier

Ss_45_40_28_85 External planting systems

Systems

Ss_45_40_28_85 External planting systems Eastern Elevation

1. **Description:** Vertical Planting System. Aluminium planters fully supported back to wall structure with brackets as shown in the drawings- **Wall Planter System**
2. **System manufacturer:** Mobilane UK
3. **Size (hxl):** 2850mm x 3900mm
4. **System reference:** Mobilne Wallplanter
 - 4.1. **Planting:**
 - 4.1.1. **Type:** Green Screen
 - 4.1.2. **Format:** Hedera helix, Woemer
 - 4.1.3. **Dimensions:** 1205x2200mm
5. **Container:** Aluminium
 - 5.1. **Size:** 3900mm x 500mm x 500mm, 3mm thick. Container provided with insulation, drainage and drainage socks
 - 5.2. **Colour:** : RAL-Colour optional
 - 5.3. **Fixing:** In accordance with manufacturers details
 - 5.3.1. **Irrigation:** In accordance with manufacturers details - computerised irrigation system
6. **Standards:**
7. **Certification:**
8. **Products:**
9. **Execution:** pre planted containers

Ss_45_40_28_85 External planting systems Southern Elevation (A)

1. **Description:** Vertical Planting System. Aluminium planters fully supported back to wall structure with brackets as shown in the drawings- **Live Panel**
2. **System manufacturer:** Mobilane UK
3. **System reference:** Livepanel
4. **Gutter Profile:** Aluminium profiles, AL6063 T5, matt black anodised. End and flow caps made of glass fibre reinforced nylon, fixed with self-tapping screw thread on the profiles;
5. **Fixation:** Aluminium profiles are directly fixed to the wall by using Fischer plugs Fischer UX8x50R and Fischer screws 5.0x60 CK stainless steel A2, the gutter profiles are pre-drilled with grid size 40 cm;
6. **Waterflow:** Flow caps have a hose adapter and are connected with plastic tubing, fixed with a stainless steel hose clamp;
7. **Plant Cassette:** - Front plate with 9 cups made of EPP, 50kg/m3;
- Capillary cloth made of microfibre fabric 80% PES/20% PA;
- Back plate with reinforcing ribs, and clamping projections made of PP;
- 6 self-locking countersunk screws made of stainless steel A2;
8. **Planting:** Plant Selection in consultation with the supplier.
9. **Utilities Irrigation:** - Water supply capacity 2.0 bar 0.6 m3/h
- Double power point 16 amp 230V;
- Water drainage under the wall for connection 32mm;
- Internet access with one opened port (optional);

- Space available for installing the irrigation unit (standard unit 60 x 50 x 25 cm = H x W x D);

10. **Irrigation Unit::** Mobilane irrigation unit with manual main valve, filter, control unit, compost injection pump, flow meter and fertiliser tank.
11. **Accessories::** - Frame made of aluminium, AL6063 T5, blank anodised.
- Frame is fixed with list clips list which are securely fixed with Fischer UX8 plugs and Fischer 5,0x60 CK A2 stainless steel screws. (RAL colour table is optional available)

Ω End of System

WALLPLANTER

WALLPLANTER

In 2002 Mobilane developed the WallPlanter living wall system incorporating the innovative Mobilane Green Screen fencing. WallPlanter is now a tried and tested product providing an instant fully planted finish which has proven to be highly successful over a number of years on both new and existing facades. WallPlanter consists of large specifically designed customized aluminium planters in which fully grown hedge elements (Mobilane Green Screen) can be placed.

IRRIGATION AND DRAINAGE SYSTEM

These planters are placed on the facade of the project. These buildings include: car parks, hotels, office buildings. Using a fully automated irrigation and drainage system, hedges receive water and nutrients, allowing the hedge to develop, keeping the green facade looking spectacular year after year. A green facade adds to the attraction of the area for residents, visitors and potential buyers.



WALLPLANTER MATERIALS



Coconut fibre container: The coconut fibre container consists of coconut fibre held together by natural latex. This container is made from 100% biological material and is 100% degradable.

Steel grid and brackets: : Steel grid and brackets: The Mobilane Green Screen consists of a galvanised steel grid that is 100% recyclable. The brackets for the wooden posts are made from galvanised iron. The brackets for the metal posts are galvanised and green coated. Both are fully recyclable.

Aluminium planters: The planters in which the Green Screens are placed are made of recyclable aluminium. The planters include insulation, a drainage system and a specially composed substrate. According to preferences, the planters can be supplied with front cover planting and/or a powder coat.



Planting: The plants that are used in the pre-grown aluminium planters in the WallPlanter system are grown at the Dartplant production site under "On the way to PlantProof" certification. This independent certification proves that the plants for the WallPlanter have been produced more sustainably and therefore a better choice for nature, climate and animals.