

Email reference: Fri 18/11/2022 10:12

From: alistair@Hederascreens.co.uk

Managing Director, Hedera screens

Phone: 01530 560550

- I. Its location, extent, specification (plant species and growing medium type), landscape integration, integration with other plant or renewable energy infrastructure, structural integrity, construction, operation and access;
- Location - The MobiPanel is located on the south elevation, the WallPlanter is on the east elevation
- Extent – MobiPanel 358m2 and the WallPlanter is 390m2 – LEAD TIMES, MobiPanel, minimum of 6-months for planting and growing time, for the WallPlanter, we will need a minimum of 9-months, this of course, is dependent on what time of the year your order is placed due to seasonality of plants.
- Specifications – for both living walls, see attached
- Landscape integration & integration with other plant or renewable energy infrastructure – No integration with any other renewables, however the living walls do assist with heat retention within the building, and also act to keep the building cooler
- Structural integrity – Please refer to attachments for detailed information
- Construction - Please refer to attachments for detailed information
- Operation & Access – We would require a crane and scissor lift to lift in the WallPlanter and cherry picker for the MobiPanel

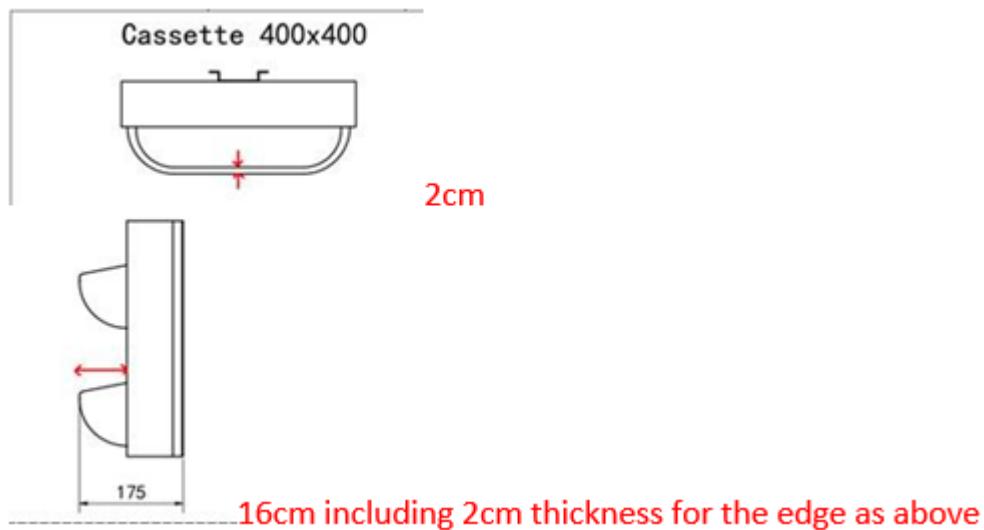
- II. Maintenance plan to show how it will be maintained regularly, maintenance considerations due to other cladding infrastructure and any changes in maintenance throughout the seasons, and an inspection programme to allow dead or dying plants to be identified and replaced.

The maintenance programme would run for one year. We would include in our maintenance procedures the following:-

After installation, we would attend site at 2-week intervals for the first 3-months, checking health status of both living walls, after this time, we would attend once per month, replace liquid fertiliser in Dosatron feeding system, check for pests and diseases (treatments not inc), check fixings, seasonally adjust irrigation timings as and when necessary. The irrigation system will be remotely operated from our offices. With regards to plant failures, we allow for a 10% replacement over a one year period, should any more be required, these will be chargeable.

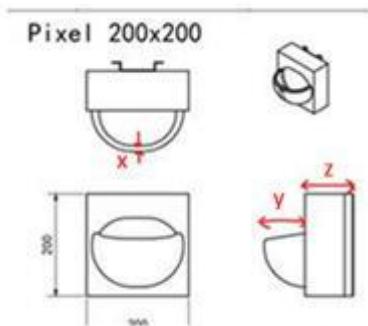
Email reference: Tue 07/02/2023 09:01
From: Gemma@hederascreens.co.uk
Projects Liaison Officer
Phone: 01530 560550

MobiPanel dimensions:



The soil volume of a MobiPanel cassette is approximately 6 litres

Growing medium depth



The soil volume of a MobiPanel Pixel is approximately 1 Litre

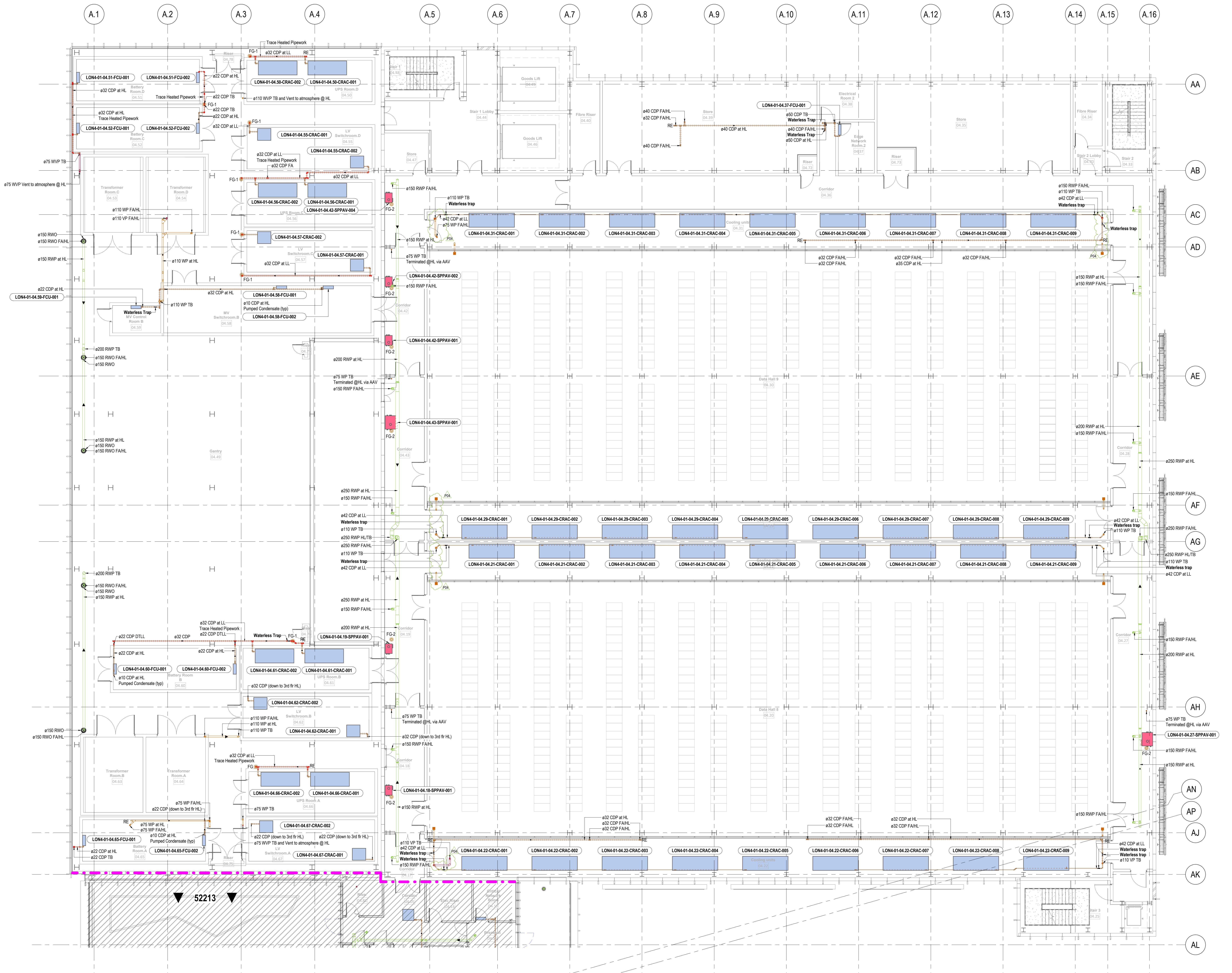
Pixel dimensions:

X = 11.5mm

Y = 80mm

Z = 95mm

Depth of both pixel and cassette units = 175mm



cale from this drawing. All dimensions indicated are in millimetres unless
e stated. Validate all measurements on site.
repancies between the drawings and other documents should be brought to the
of the engineer.
wing is not an installation drawing. It is the Contractors responsibility to make final
ited installation shop drawings.
ents of this drawing shall be read in conjunction with the current revisions of
ural, Civil, Structural, Mechanical, Electrical, Security, Telcoms drawings and all
ections of the specifications.

The diagram illustrates a floor plan with several labeled areas:

- B1**: A rectangular room outlined in red with diagonal hatching. It is divided into two sections by a vertical line. The label **B1** is centered in the right section.
- B2**: A large rectangular room to the left of B1, outlined in gray.
- OF**: A small rectangular room located below B1 and to the right of the central vertical line.
- GH**: A room at the bottom left, outlined in gray. A small square symbol is located in the top-left corner of this room.
- SS**: A room at the top left, outlined in gray. It contains a grid of rectangles: a 2x2 grid in the top-left, a 2x1 column below it, and a 1x2 row to the right of the column.

- Soil Pipe
- Waste Pipe
- Condensate
- Rainwater
- Vent Pipe
- Trace Heated Pipework
- Pipework Below Ground
- Pipework Above Ground

on:
Air Admittance Valve
Access Panel

- Access Panel
- Fire Collar
- Vent thru Roof
- Shower Drain
- Soil Pipe
- Soil Vent Pipe
- Urinal
- Water Closet
- Wash Hand Basin
- Waste Pipe
- Waste Vent Pipe
- RainWater Outlet
- Fan Coil Unit
- Vent Thru Roof
- Condensate Drain
- To below
- Floor gully with dry seal trap and funnel top
- Floor gully with dry seal trap
- Closed Top Floor gully For Future use

The diagram illustrates the structure of an Asset Reference. It shows a sequence of numbers: 01-00.01-EG-001. Four arrows point upwards from the bottom of the sequence to the first four digits (01-00.01). A bracket on the right side of the sequence groups the last three characters (EG-001) and is labeled "Asset Reference". Another bracket groups the first four characters (01-00.01) and is labeled "Asset Type". A third bracket groups the entire sequence (01-00.01-EG-001) and is labeled "Room Number (Level.Number)".

Site Code

4A - NOVEMBER '22 UPDATE	JM / PA / OO	04 / 11 / 22
4A - JULY '22 UPDATE	JM / PA / OO	18 / 07 / 22
4A ISSUE	JM / PA / OO	22 / 02 / 22
3 - 100% ISSUE	JM / PA / OO	17 / 12 / 21
3 - 90% ISSUE	JM / PA / OO	19 / 11 / 21
	By / Chkd / App	Date

Centre Services

lant / MEP Designer



28-30 Worship Street
London, EC2A 2AH
United Kingdom
www.bw-engineering.com



The Old Dairy
Harpendenbury Farm

Chartered Architects

Redbourn, Hertfordshire
AL3 7QA, United Kingdom
www.nwarchitects.co.uk

Civil Engineer

ARUP

Central Square, Forth Street
Newcastle Upon Tyne
NE1 3PL, United Kingdom
www.arup.com

Plant
alus
Engineering Compliance without Complexity

Primea House, Marina Court
Maple Drive, Hinckley, Leicestershire
LE10 3BF, United Kingdom
www.salusai.co.uk

signer

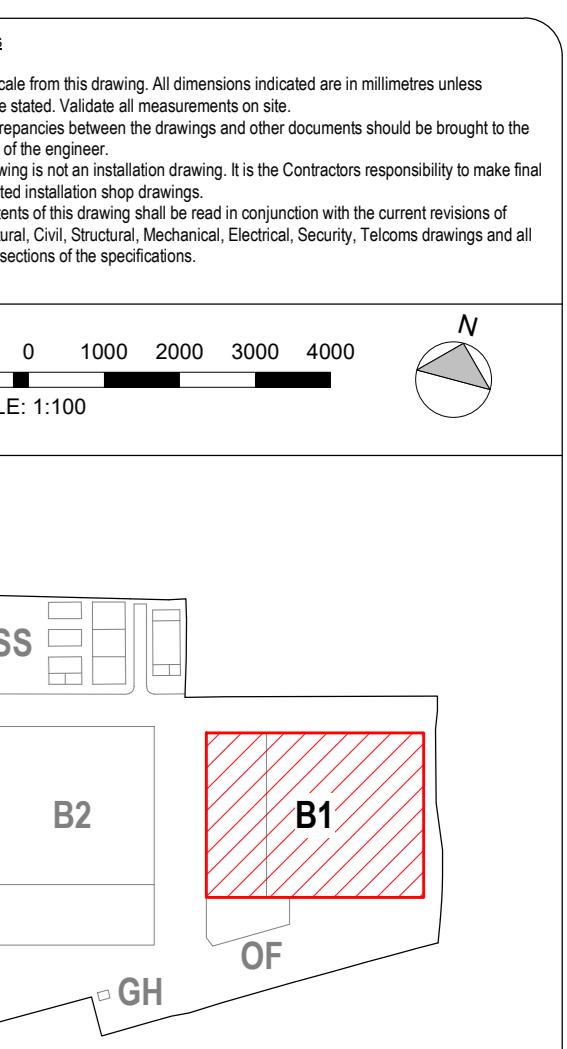
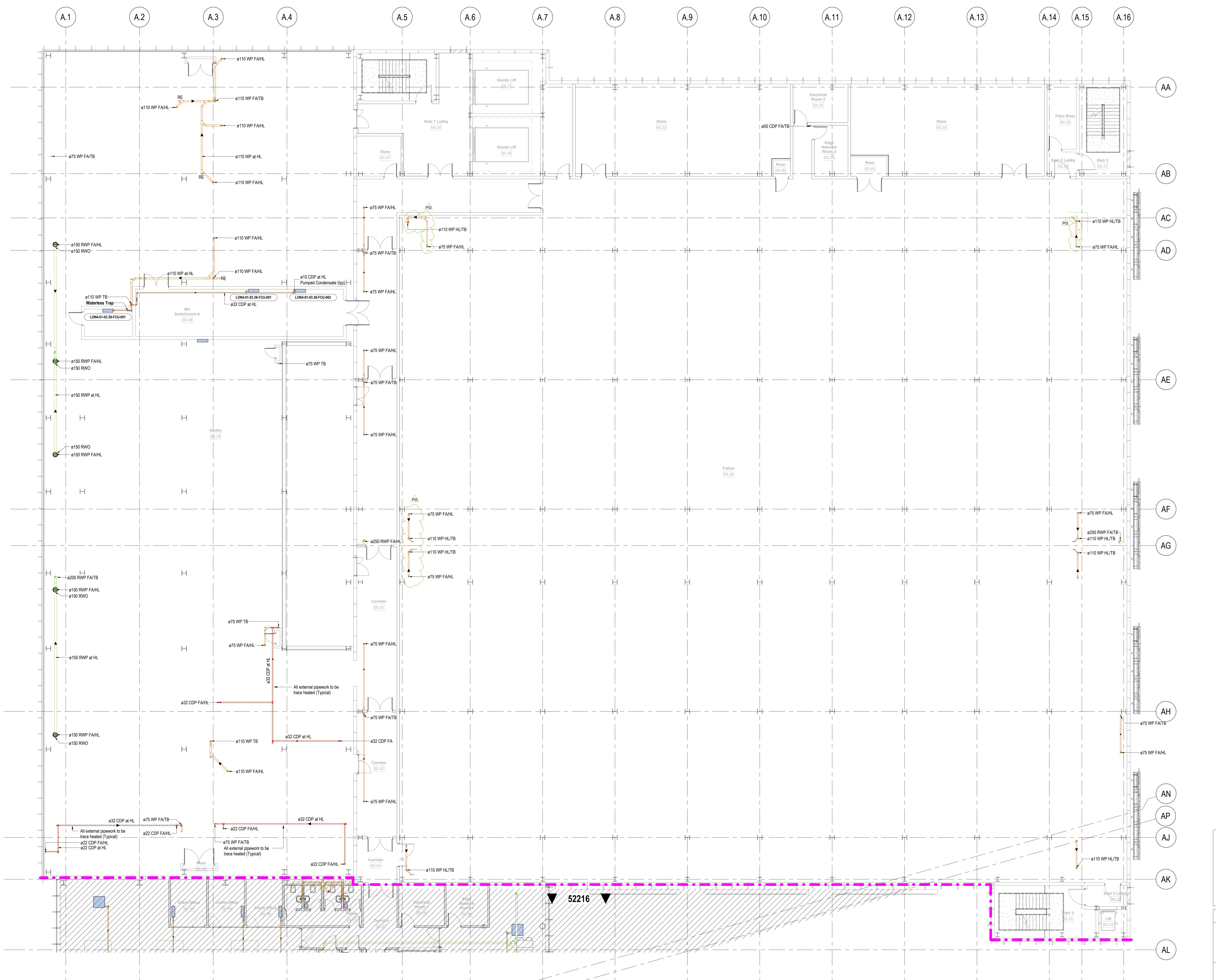
Cottone Centre, Cottone Lane

ntrol Risks

Page Layout
Section 01
Section 04

04 cal Fit-Out Floor)

		Status Code
IBING		S4
umber	Scale @ A0	Revision
14	1:100	P04
umber		
S20109-BWE-DC-01-04-DR-P-52214		
— Originator — Functional — Spatial — Level — Form — Discipline — Number		
Breakdown Breakdown		

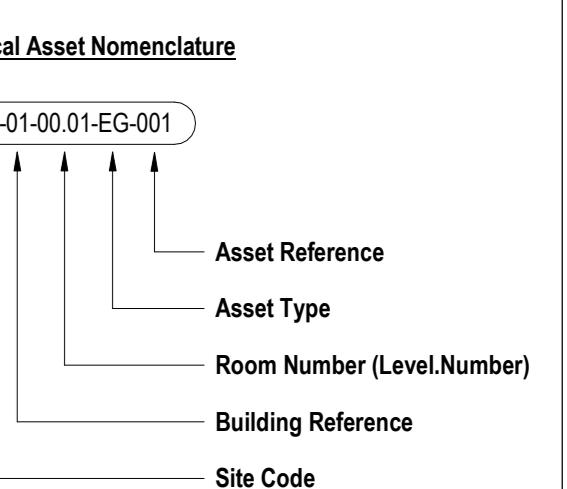


Legend:

- Soil Pipe
- Waste Pipe
- Condensate
- Rainwater
- Vent Pipe
- Trace Heated Pipework
- Pipework Below Ground

Abbreviations:

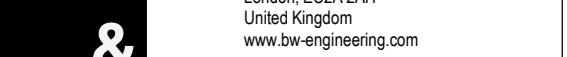
- AAV: Air Admittance Valve
- AP: Access Panel
- FC: Fire Collar
- VTR: Vent thru Roof
- SD: Shower Drain
- SP: Soil Pipe
- SVP: Soil Vent Pipe
- URI: Urinal
- WC: Water Closet
- WHB: Wash Hand Basin
- WP: Waste Pipe
- WVP: Waste Vent Pipe
- RWO: Rainwater Outlet
- FCU: Fan Coil Unit
- VTR: Vent Thru Roof
- CDP: Condensate Drain
- TB: To below
- FG-1: Floor gully with dry seal trap and funnel top
- FG-2: Floor gully with dry seal trap
- FG-3: Closed Top Floor gully for Future use
- FCO: Floor Clean Out
- WM: Water Meter

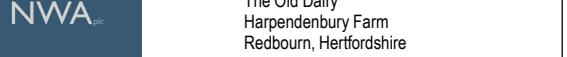


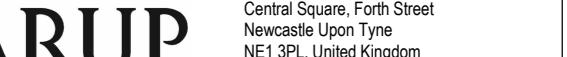
Notes:

1. Refer to Client "Asset Naming Convention" document for full details of "Asset Type" abbreviations.

PM1 STAGE 4A - NOVEMBER 22 UPDATE JM/PA/QO 04/11/22
 PM2 STAGE 4A - JULY 22 UPDATE JM/PA/QO 18/07/22
 PM3 STAGE 3 - 100% ISSUE JM/PA/QO 17/03/21
 PM1 STAGE 3 - 90% ISSUE JM/PA/QO 19/11/21
 Rev: 0001

Client: **colt**
 Data Centre Services
 Lead Consultant / MEP Designer


Architect: **NWA**
 The Old Dairy, Hengistbury Farm, Redbourn, Hertfordshire, SG9 9QH


Structural / Civil Engineer: **ARUP**
 Central Square, Fonthill Street, Newcastle Upon Tyne, NE1 3BL, United Kingdom


Fire Consultant: **salus**
 Priory House, Marine Court, Maple Drive, Leeston, Leicestershire, LE12 8QH


Security Designer: **Control Risks**
 Colliers Centre, Colliers Lane, Colliers Wood, London, SW19 8QH, United Kingdom


Project Title: London 4
 Drawing Title: Drainage Layout Building 01
 Level: 01, 02 & 03
 (Typical Fallow Floor)
 Project State: STAGE 4A ISSUE

Discipline: PLUMBING Status Code: S4
 Project Number: P20114 Scale @ A0: 1:100 Revision: P04
 Drawing Number: DCS20109-BWE-DC-01-ZZ-DR-P-52209

In addition to the hazards / risks normally associated with the type of work detailed on this drawing note the following:

- CONSTRUCTION:** Local Building Regulations shall be complied with in respect to inspection and commissioning.
- MANTENANCE / CLEANING:** Local Building Regulations shall be complied with.
- DISPOSAL / DEMOLITION:** WEEE and ROHS regulations shall be complied with.

N.B. It is assumed that all work will be carried out by a competent contractor in accordance with the relevant regulations, where appropriate, to an approved method statement.