

DATA SHEET

SKY GARDEN EXTENSIVE SUBSTRATE SBS01

Version 1.0

SKY GARDEN EXTENSIVE SUBSTRATE

A free draining, low nutrient and moisture retentive growing medium made from 100% recycled material in line with the UK Green Roof Code of best practice. Testing conforms within the BS8616:2019 green roof substrate testing methods and was completed by STRI.



SYSTEM CONSIDERATIONS

- A free draining substrate suitable for use on Extensive Roof Systems and all plant finishes.
- Minimum recommended depth: 60 mm
- Free draining when saturated
- Allows root penetration
- Recycled content
- Organic material PAS100 certified.

PHYSICAL PROPERTIES

Bulk Density When Oven Dried	0.834 g cm ⁻³ (834 kg/m ³)
Bulk Density at Field Capacity	1.115 g cm ⁻³ (1115 kg/m ³)
Field Capacity (% v/v)	25.6 % v/v
Total Porosity (%)	41.40%
Porosity at Field Capacity (%)	15.60%

TECHNICAL PROPERTIES

Organic matter (% weight)	4.5%
pH	7.0
Electrical Conductivity (mS cm ⁻¹)	2.21 mS cm ⁻¹
Phosphate (mg l ⁻¹)	293 mg l ⁻¹
Potassium (mg l ⁻¹)	1072 mg l ⁻¹
Total nitrogen (%)	0.86%

SPECIFICATION DESCRIPTION

All testing of Sky Garden Ltd Substrate was completed by Sports Turf Research Institute under the BS8616:2019 Specification for Performance Parameters and Test Methods for Green Roof Substrates. A specially blended mix of free draining organic material with clean and screened aggregates, recycled from certifiable waste products from the building industry to provide a low nutrient water retentive growing medium.



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E enquiries@sky-garden.co.uk

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DATA SHEET

SKY GARDEN SEDUM BLANKET SGSB01

Version 1.0

SKY GARDEN SEDUM BLANKET

High quality Sedum Blanket grown in the UK, to provide the perfect low maintenance solution for extensive green roof systems using a carefully selected mix of sedum species. Sedum are the most commonly used plant species in green roofing due to their ability to grow in harsh weather environments.

Pre-cultivated UK grown vegetation blanket, containing 8-12 species specifically chosen for extensive green roof applications. Grown on 20 mm substrate base on a carrier.



SYSTEM CONSIDERATIONS

- Instant vegetative cover for extensive sedum blanket systems.
- Recommended minimum substrate depth 60mm.
- Low maintenance, shallow rooted, non-invasive vegetation cover.
- Sky Garden recommends annual maintenance of sedum roofs to remove unwanted invasive species and to ensure long term system functionality and sustainability.

PHYSICAL PROPERTIES

Composition	Base - Geotextile fabric / coir blanket. Growing Medium - 20 mm Sedum Mix. Vegetation - Mature Sedum plants grown from rhizome and seed.
Plant Height	20-50 mm, depending on growing stage of sedum.
Weight (dry)	10 kg/m ²
Weight (saturated)	30 kg/m ²
Consignment Size	40 m ² per Pallet (approx.)
Colour	Seasonal variation
Sizes	2m x 1m
Species	<ul style="list-style-type: none">• Sedum Acre• Sedum Album• Sedum Ellacombianum• Sedum Floriferum• Sedum Hybridum• Sedum Middendorffianum• Sedum Montanum• Sedum Pulchellum• Sedum Reflexum• Sedum Selskianum• Sedum Sexangulare• Sedum Spurium



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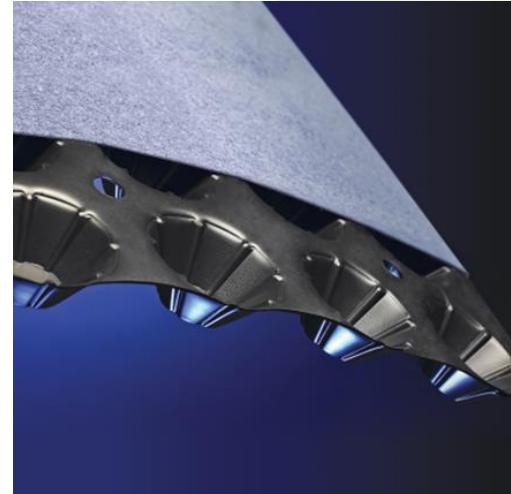
DATA SHEET

SKY GARDEN 20MM DRAINAGE BOARD WITH FILTER FLEECE DDRD20-1

Version 1.0

SKY GARDEN 20MM DRAINAGE BOARD WITH FILTER FLEECE

Rigid drainage board manufactured from HDPE. Combined function as a water-retention, drainage and filtration layer. Rigid sheet with integrated Polypropylene filter layer. Studded HDPE sheets contains perforations to drain surplus water and high capacity dimples (height c.20mm) for water retention. High compressive strength (115kPa). Delivery and installation according to Sky Garden instruction. Product arrives in 48.5 m² size rolls.



TECHNICAL DATA

	Test	Unit	Mean Values		
Mechanical Properties - Geocomposite					
Compressive Strength	EN ISO 25619-2	kPa	115		
Tensile Strength (MD/CMD)	EN ISO 10319	kN/m	17		
Static Puncture	EN ISO 12236	kN	2.6		
Hydraulic Properties - Geotextile					
Water Permeability vH50	EN ISO 11058	l/(m ² ·s)	100		
Apparent Opening Size	EN ISO 12956	µm	80		
Hydraulic Properties - Geocomposite					
Water Flow Capacity In The Plane (Rigid/Rigid)	EN ISO 12958	l/(m ² ·s)	(i=1)	(i=0.5)	(i=0.1)
at 20kPa			10.0	8.0	5.0
at 100kPa			9.0	6.0	3.5
at 200kPa			5.0	2.0	1.0
Water Storage Capacity		l/m ²	4.0		
Water flow Through Perforations	EN ISO 11058	l/(m ² ·s)			
Physical Properties					
Thickness at 2kPa	EN ISO 9836-1	mm	21		
Standard Colour			Black		
Perforations per m ²			49		
Perforations diameter		mm	10		
Polymer - Cusplate			HDPE		
Polymer - Textile			PP		
Dimensions					
Standard Roll Length		m	50		
Standard Roll Width		m	0.97		
Approximate Roll Weight		kg	60		



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DATA SHEET

SKY GARDEN PROTECTION FLEECE PF01

Version 1.0

SKY GARDEN PROTECTION FLEECE

Sky Garden protection fleece is a thick needle punched non-woven geotextile manufactured from 100% virgin polypropylene high tenancy fibres containing 1% active carbon black. Manufactured from a unique blend of high tenancy fibres providing class leading durability. Optimised for maximum strength, performance and UV stability.

- For use on all green roof and podium systems.
- 100% virgin polypropylene.
- 3.5mm thick.
- Supplied in 50m x 1m rolls weighing 14kg.
- BS EN ISO9001



TECHNICAL PROPERTIES

Mechanical Properties	Test Standard	Units	Product Value
Static Puncture (CBR)	EN ISO 12236	kN	2.5
Push through displacement	EN ISO 12236	mm	65
Tensile Strength (MD/CMD)	EN ISO 10319	kN/m	15
Tensile Elongation (MD/CMD)	EN ISO 10319	%	80
Cone Drop	EN ISO 13433	mm	10

Filter Properties	Test Standard	Units	Product Value
Apparent opening size	EN ISO 12956	µm	150
Water Permeability	EN ISO 11058	(l/m ² ·s)	100
Coefficient of permeability	EN ISO 11058	(m/s 10 ⁻³)	7

Durability	Test Standard	Product Value
Weathering 50 MJ/m ² (1 month)	EN ISO 12224	>90% Retained Strength
Microbiological Resistance	EN ISO 12225	No Loss in Strength
Resistance to Acids & Alkalies	EN ISO 14030	No Loss in Strength
Oxidation at 112 days (110 years)	EN ISO 13438	>90% Retained Strength



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DATA SHEET

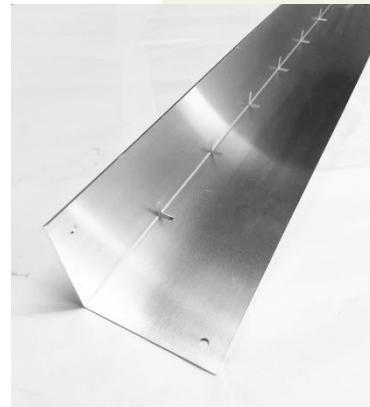
SKY GARDEN ALUMINIUM SEPARATION DETAIL RE100S

Version 1.0

SKY GARDEN ALUMINIUM SEPARATION DETAIL

A light weight separation detail to be installed as an interface between living roof build ups and vegetation free stone channels. Water drainage slots at the base of the profile allow for excess water to move from the living roof to the drainage channels while retaining the fine particles within the growing medium.

Lengths are connected with an aluminium connecting plate and rivet gun for secure fixing. Installing the profile as an interface removes the need to adhere to the roof deck as the base is ballasted by the system build up



TECHNICAL PROPERTIES

Material	A mid sheen 1.5 mm thickness aluminium up- stand and connecting plate, perforated for drainage.
Thickness	1.5mm
Finish	Mid Sheen Natural (Unpainted)
Height	100mm (Available in Other Sizes)
Length	2400mm
Base	80mm
Lengths Per Pallet	Max 210



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DATA SHEET

SKY GARDEN RIVERSTONE RS01

Version 1.0

SKY GARDEN RIVERSTONE

Natural rounded stones for use as system ballast and perimeter borders to all living roof and bio-diverse roof installations, providing areas of free drainage, whilst acting as an effective barrier, helping to restrict the spread of plant material to drainage and gutter outlets.

- Provides free flowing drainage
- Contemporary, natural and aesthetic,
- Stone borders should be installed to 75mm in depth to a minimum width 500mm around all openings, penetrations and vertical abutments.



TECHNICAL PROPERTIES

Composition	Mixed Rounded Naturally occurring Stones
Depth	c.75mm (Typical Ballast Margin)
Colour	Mixed (Normally Grey/Brown)
Shape	Rounded
Unit Width	20-40mm
Consignment Size	22kg Bags/Bulk Bags 1 tonne
Treatment	Washed



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Product Data Sheet



Sky Garden Sedum Blanket

SGSB01

Technical Data

Sky Garden Sedum Blanket

Pre-cultivated UK grown vegetation blanket, containing 12 species specifically chosen for extensive green roof applications. Grown on 25 mm substrate base on a carrier membrane.



Physical Properties

Composition	Base - Geotextile fabric / coir blanket.
	Growing Medium – 25 mm Sedum Mix.
	Vegetation - Mature Sedum plants grown from rhizome and seed.
Plant Height	20-50 mm, depending on growing stage of sedum.
Weight (dry)	20 kg/m ²
Weight (saturated)	25 kg/m ²
Consignment Size	40 m ² per Pallet
Colour	Seasonal variation
Sizes	1m x 2m

Species Sown

12 Sedum species Sown:

Sedum acre, Sedum album, Sedum ellacombianum, Sedum floriferum, Sedum hybridum, Sedum middendorffianum, Sedum montanum, Sedum Pulchellum, Sedum reflexum, Sedum selskianum, Sedum sexangulare, Sedum spurium

System Considerations

- Instant vegetative cover for Extensive Sedum Blanket Systems.
- Recommended minimum substrate depth 50 mm
- Most commonly used product due to sedum success in growth on Green Roof systems
- Low maintenance, shallow rooted and non-invasive vegetative cover.
- Sky Garden recommends annual maintenance of sedum green roofs to remove invasive/unwanted species to ensure system functionality and sustainability

Specification Description

High quality Sedum Blanket grown in the UK, to provide the perfect low maintenance solution for extensive green roof systems using a carefully selected mix of sedum species. Sedum are the most commonly used plant species in green roofing due to their ability to grow in harsh weather environments.



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Sky Garden Wildflower Blanket

SGWB01

Technical Data

Sky Garden Wildflower Blanket

A pre-cultivated UK grown vegetation blanket, containing 38 species specifically chosen to encourage biodiversity on Extensive, Intensive and Podium roof applications. Grown on 25 mm substrate base on a carrier membrane.



Physical Properties

Composition	Base - Geotextile fabric
	Growing Medium – 25 mm Biodiversity Mix
	Vegetation - Plants grown from native provenance seed.
Total Height	150 mm plant height, pre delivered and mown. Fully established height up to c. 1000 mm
Weight (dry)	20 kg/m ²
Weight (wet)	25 kg/m ²
Consignment Size	40 m ² per Pallet (typical)
Colour	Seasonal Variation
Sizes	2m x 1m

Species Sown

38 Species sown, see overleaf for full list of wildflower and grass species (Subject to seasonal variance).

System Considerations

- Instant vegetation cover for Wildflower Systems.
- Minimum recommended substrate depth: 100 mm
- Sky Garden recommends annual maintenance of wildflower green roofs, including two visits per year.
- Spring remedial and Autumn cutting, when the vegetation will be strimmed after flowers seeded.

Specification Description

Sky Garden's UK provenance Biodiverse Wildflower Blanket contains 38 native species (33 wildflower and 5 grasses) as a pre-grown vegetation cover for use on Extensive and Intensive green roofs, podiums and landscaping projects. Species have been carefully chosen to provide a long flowering season from Spring through to late Autumn. It has a varied range of colour and habitat which is attractive to pollinators and in aesthetic appearance. Sky Garden's Biodiverse Wildflower Blanket can be used to meet local and national Biodiversity Action Plans and BREEAM energy credits.



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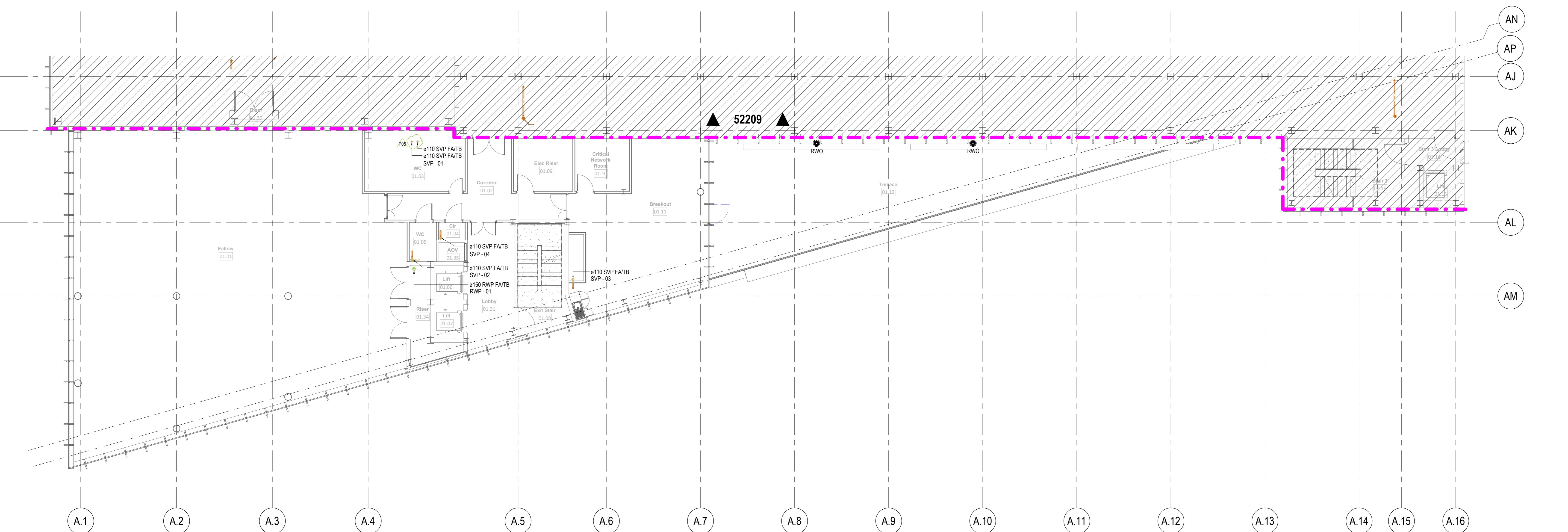
Wildflower

- *Achillea millefolium* (Yarrow)
- *Agrimonia eupatoria* (Agrimony)
- *Anthyllis vulneraria* (Kidney Vetch)
- *Betonica officinalis* (Betony)
- *Campanula glomerata* (Clustered Bellflower)
- *Campanula rotundifolia* (Harebell)
- *Centaurea nigra* (Lesser Knapweed)
- *Echium vulgare* (Viper's Bugloss)
- *Galium verum* (Lady's Bedstraw)
- *Glebionis segetum* (Cornflower Corn Marigold)
- *Hypericum perforatum* (Perforate St John's Wort)
- *Hypochaeris radicata* (Catsear)
- *Knautia arvensis* (Field Scabious)
- *Leontodon hispidus* (Rough Hawkbit)
- *Leucanthemum vulgare* (Oxeye Daisy)
- *Linaria vulgaris* (Common Toadflax)
- *Lotus corniculatus* (Birdsfoot Trefoil)
- *Medicago lupulina* (Black Medic)
- *Papaver rhoeas* (Common Poppy)
- *Plantago media* (Hoary Plantain)
- *Primula veris* (Cowslip)
- *Prunella vulgaris* (Selfheal)
- *Ranunculus acris* (Meadow Buttercup)
- *Rhinanthus minor* (Yellow Rattle)
- *Rumex acetosa* (Common Sorrel)
- *Sanguisorba minor* ssp. *Minor* (Salad Burnet)
- *Scabiosa columbaria* (Small Scabious)
- *Silene dioica* (Red Campion)
- *Silene vulgaris* (Bladder Campion)
- *Thymus* (Thyme)
- *Trifolium pratense* (Red Clover)

Grasses

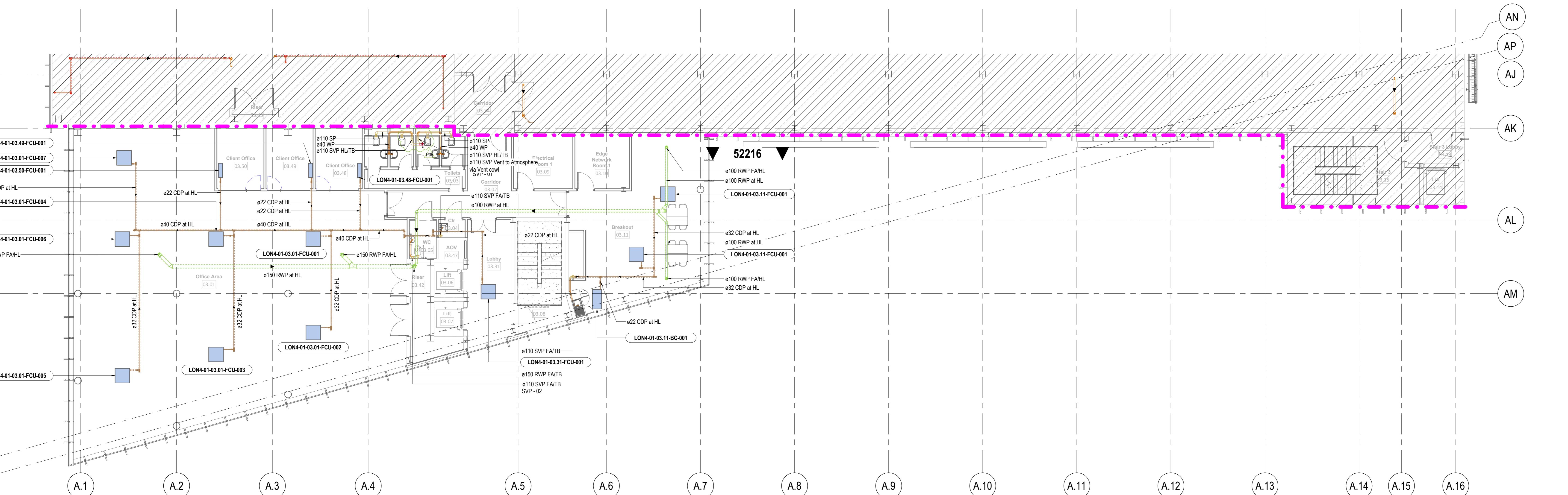
- *Agrostis capillaris* (Brown Top Bent)
- *Anthoxanthum odoratum* (Sweet Vernal Grass)
- *Briza media* (Quaking Grass)
- *Cynosurus cristatus* (Crested Dogtail)
- *Festuca rubra* (Red Fescue)

1.4 Drainage plans



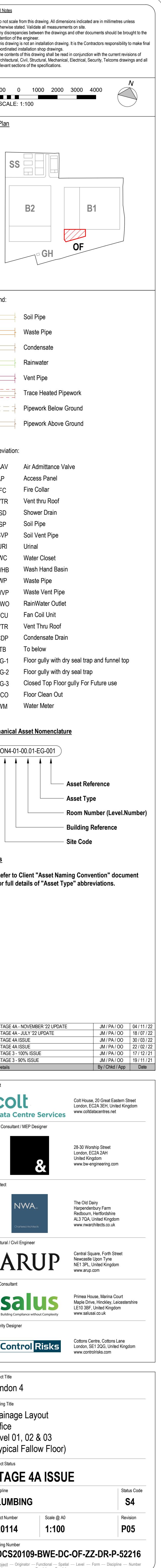
A | Drainage Layout - Office - Level 01 & 02

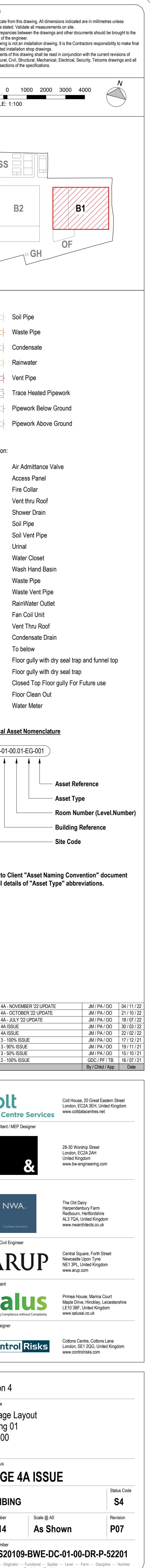
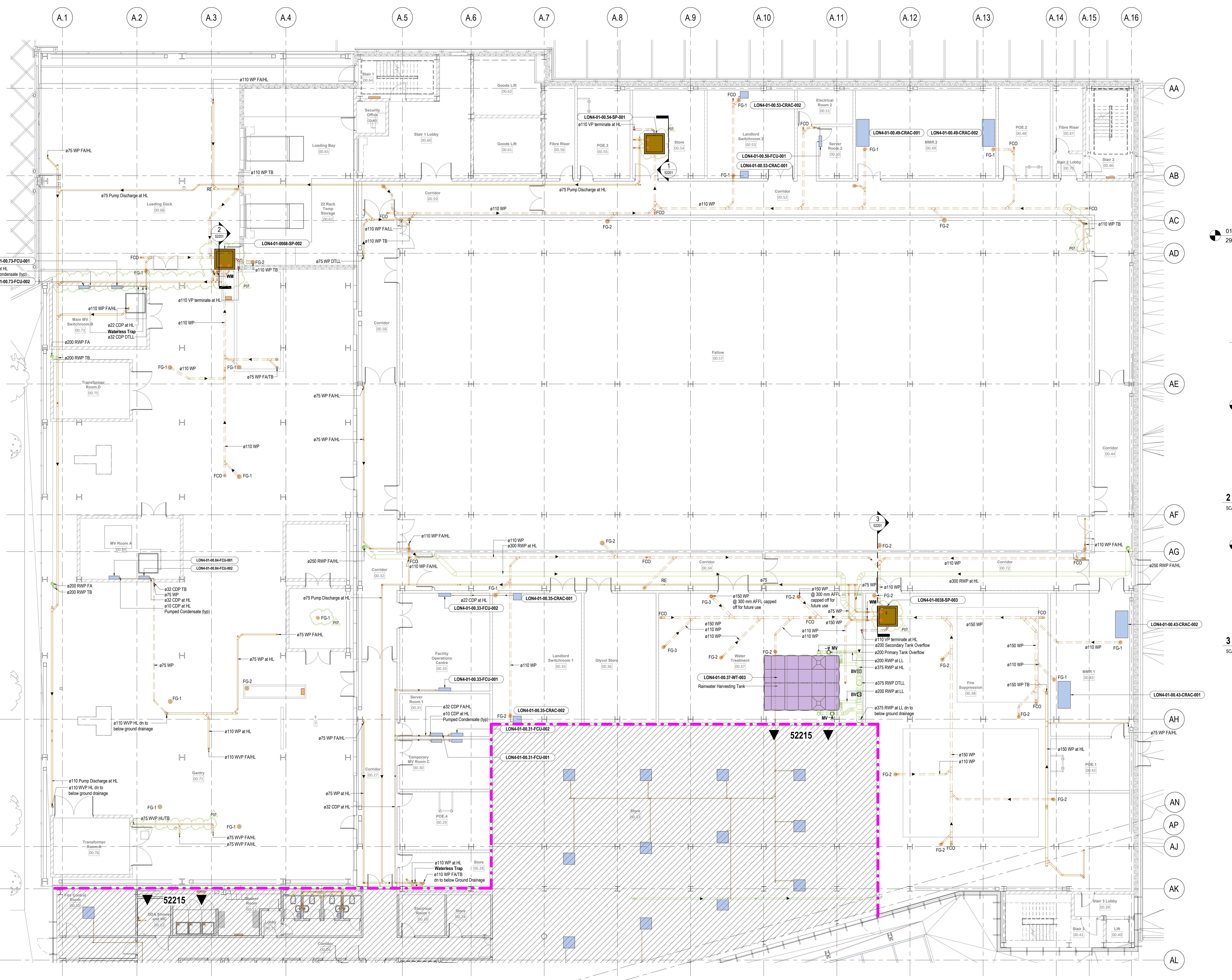
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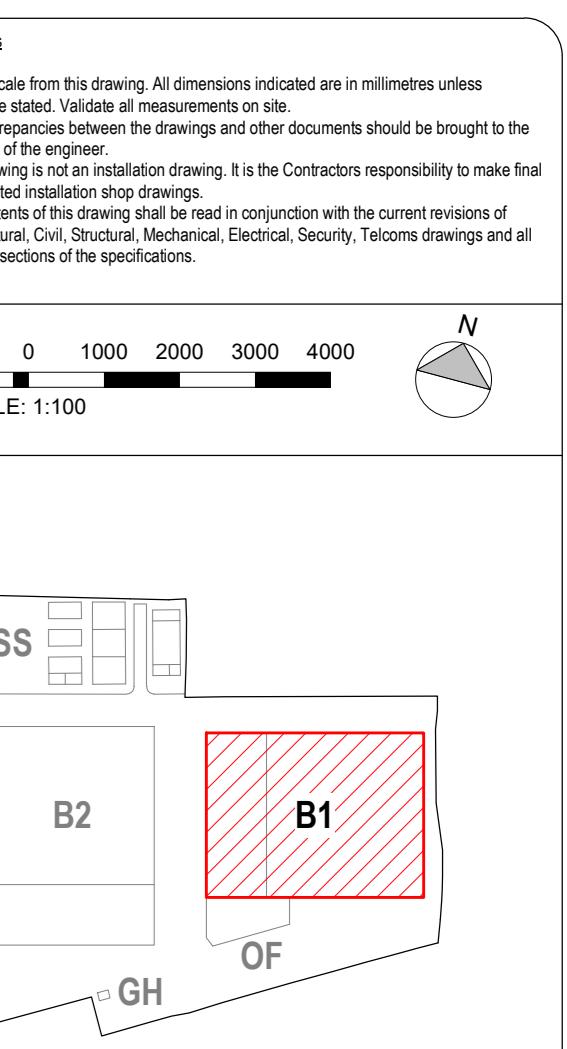
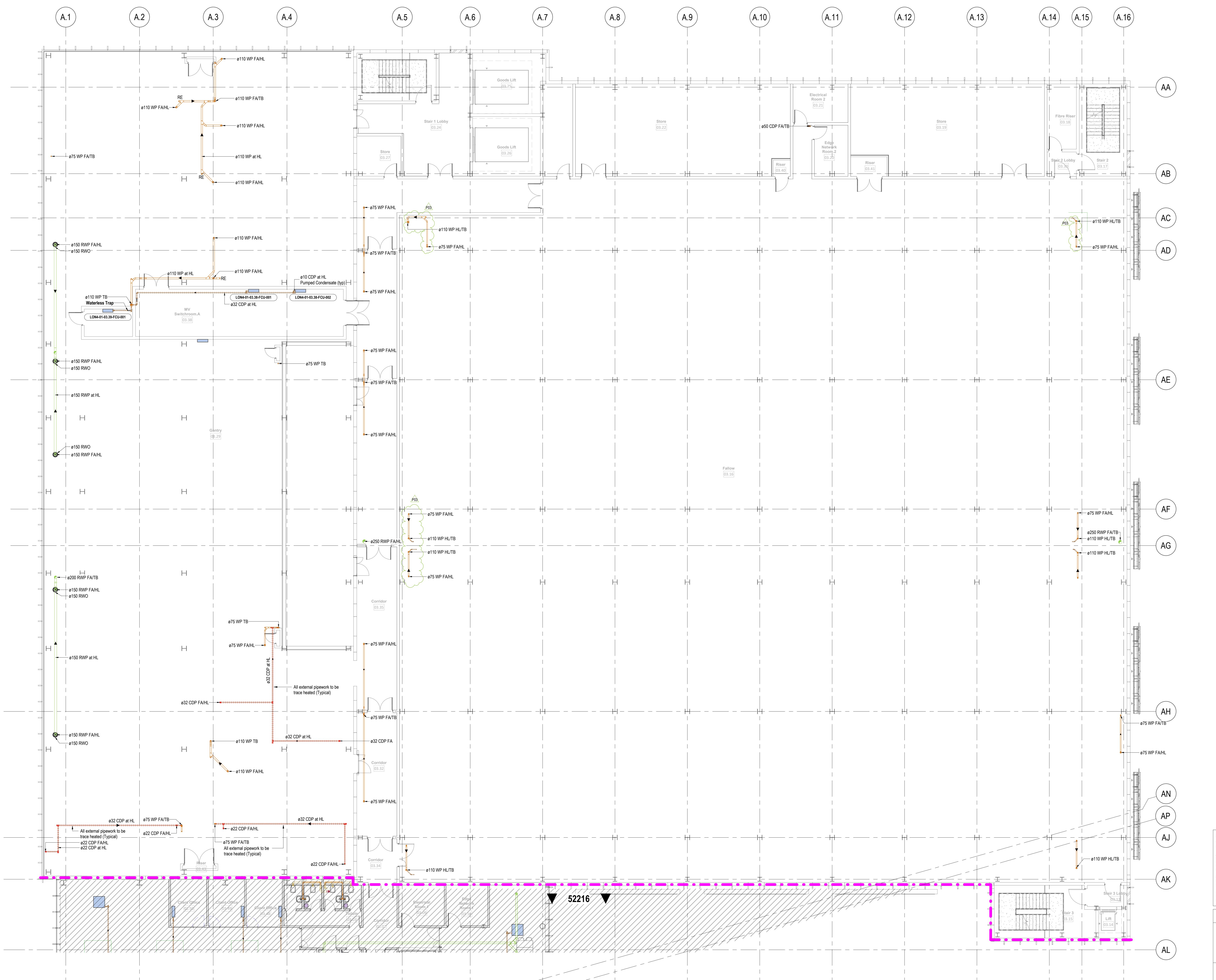


B | Drainage Layout - Office - Level 03

SCALE: 1:100





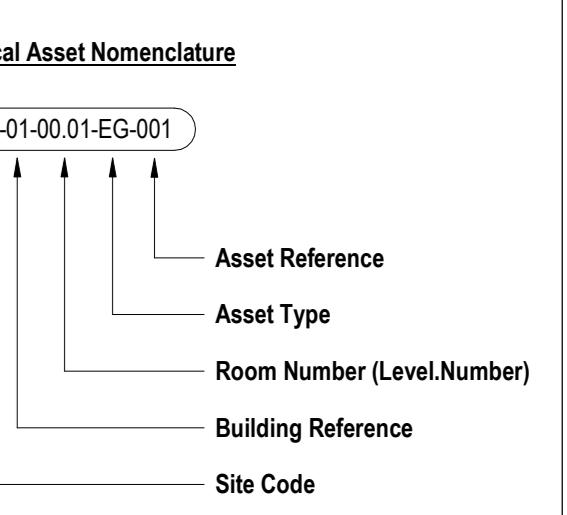


Legend:

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

Abbreviations:

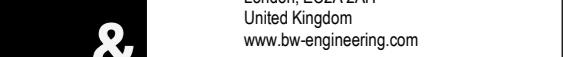
- AAV: Air Admittance Valve
- AP: Access Panel
- FC: Fire Collar
- VTR: Vent thru Roof
- SD: Shower Drain
- SP: Soil Pipe
- SVP: Soil Vent Pipe
- URI: Urinal
- WC: Water Closet
- WHB: Wash Hand Basin
- WP: Waste Pipe
- WVP: Waste Vent Pipe
- RWO: Rainwater Outlet
- FCU: Fan Coil Unit
- VTR: Vent Thru 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

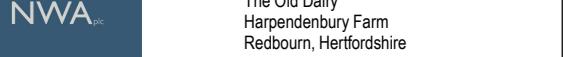


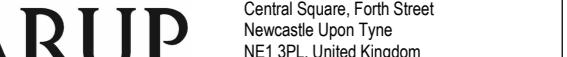
Notes:

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

P4 STAGE 4A NOVEMBER 22 UPDATE JM PA OO 04/11/22
 P3 STAGE 4A JULY 22 UPDATE JM PA OO 18/07/22
 P2 STAGE 3 NOVEMBER 21 UPDATE JM PA OO 17/11/21
 P1 STAGE 3 - 100% ISSUE JM PA OO 17/11/21
 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, Watford, Hertfordshire, WD2 2QZ, United Kingdom

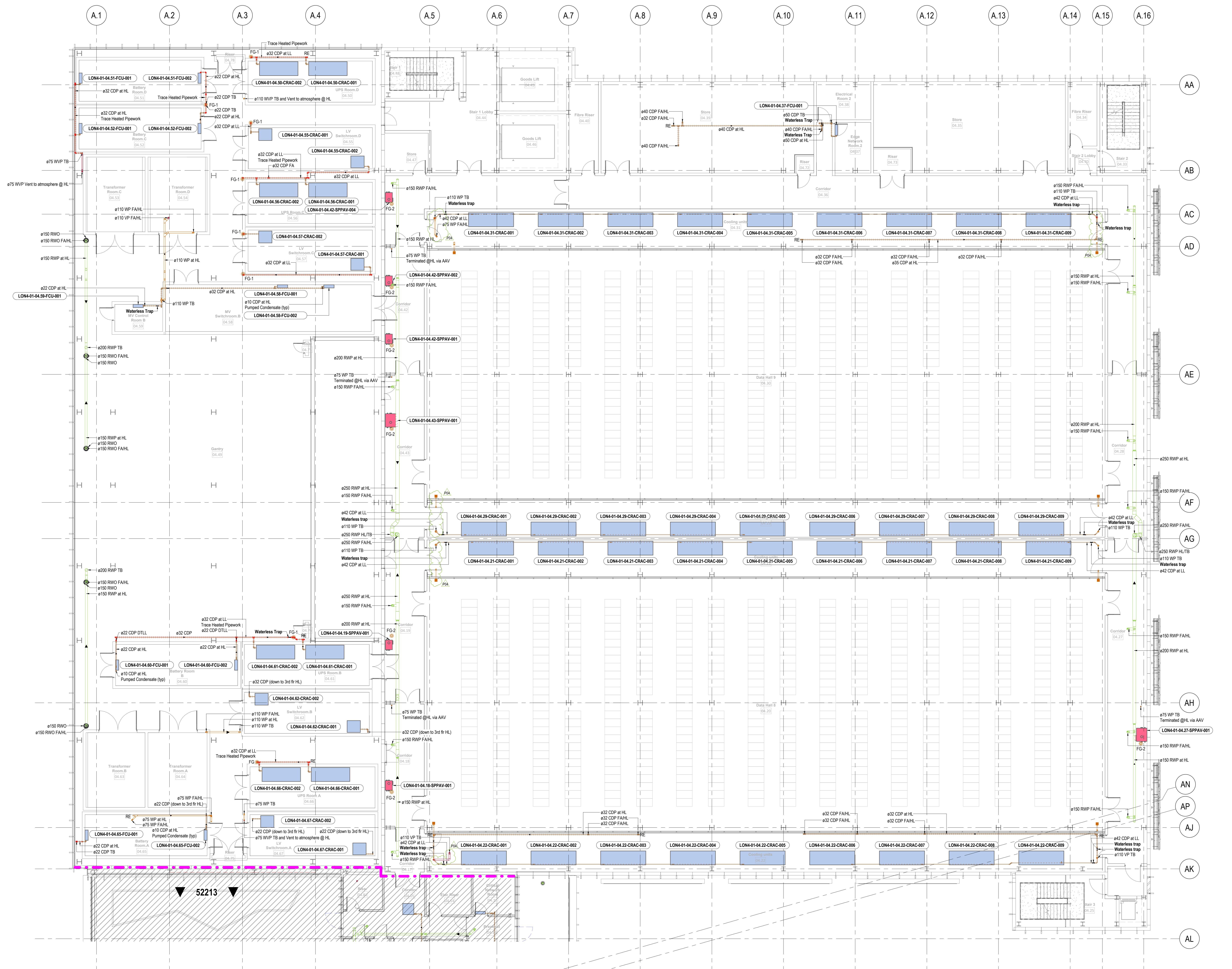

Project Title: London 4
 Drawing Title: Drainage Layout Building 01
 Level 01, 02 & 03
 (Typical Fallow Floor)
 Project State: STAGE 4A ISSUE

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.



General Notes:

- Do not scale from this drawing. All dimensions included are in millimetres unless otherwise stated. Values of measurements on site.
- Any discrepancies between the drawing and other documents should be brought to the attention of the responsible contractor.
- This drawing is not an installation drawing. It is the Contractors responsibility to make final connections to the building services. Existing services shall be left in place.
- The contents of this drawing shall be used in conjunction with the current revisions of the relevant sections of the specifications.

Scale: 1000 0 1000 2000 3000 4000
N
0100 0 1000 2000 3000 4000
Scale: 1:100
Drawing Number: DC520109-BWE-DC-01-04-DR-P-52214
Project Number: P20114
Revision: P04
Status Code: S4

Project Title: London 4
Drawing Title: Drainage Layout Building 01 Level 04 (Typical Fit Out Floor)
Project State: STAGE 4A ISSUE

Discipline: PLUMBING

Residual Risk Register:

Item: No Residual Risk Identified.

Construction:

This drawing has been developed from the following Design Information:
Architectural Model: DC520109-ANVA-DC-01-22-M3-00005.nif
Revised: 20/10/2019
DC520109-ANVA-DC-01-22-M3-00004.nif
Revised: 20/10/2019

Civil Model: DC520109-ARL-DC-01-22-LPM3-C-00012.nif
Revised: 20/10/2019

Structural Model: DC520109-ARL-DC-01-22-LPM3-S-00001.nif
Revised: 20/10/2019

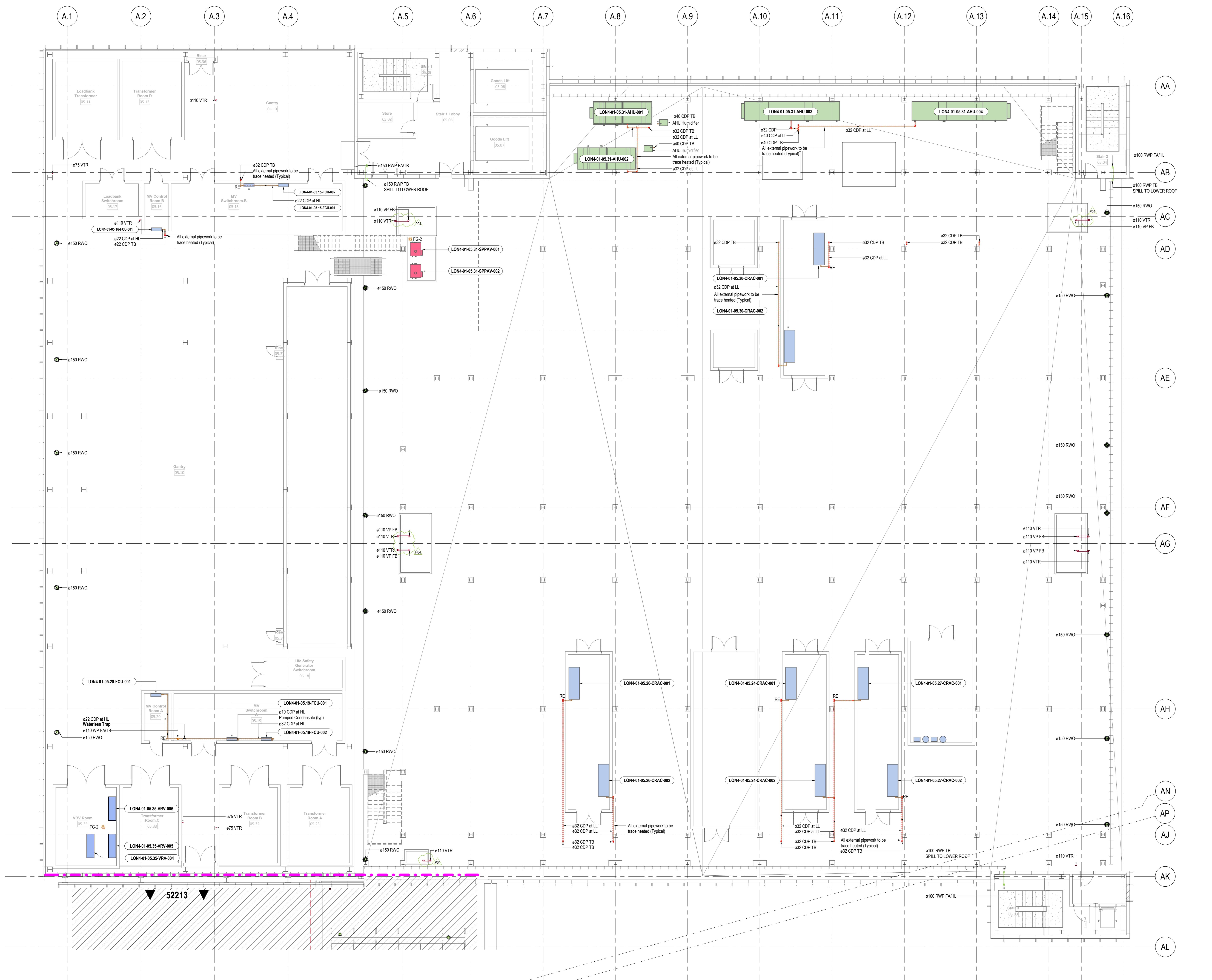
Discipline: PLUMBING

Scale @ A0: 1:100
Revision: P04
Drawing Number: DC520109-BWE-DC-01-04-DR-P-52214
Project Number: P20114
Revision: P04
Status Code: S4

Notes:

- CONSTRUCTION:** Local Building Regulations shall be complied with in respect of inspection and commissioning.
- MANTENANCE / CLEANING:** Local Building Regulations shall be complied with.
- WEEE & ROHS:** 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.



General Notes:
1. Do not scale from this drawing. All dimensions are in millimetres unless otherwise stated. Values of measurements on site.
2. Any discrepancies between the drawings and other documents should be brought to the attention of the Client.
3. This drawing is not an installation drawing. It is the Contractors responsibility to make final connections to the building services.
4. The contents of this drawing shall be used in conjunction with the current revisions of the relevant sections of the specifications.

Scale: 1000 0 1000 2000 3000 4000
N
S Black & White Engineering

Key Plan
SS B2 B1 OF
GH

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

Abbreviations:
AAV Air Admittance Valve
AP Access Panel
FC Fire Collar
VTR Vent Thru Roof
SD Shower Drain
SP Urinal
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

Mechanical Asset Nomenclature
LON4-01-00.01-EG-001
Asset Reference
Asset Type
Room Number (Level,Number)
Building Reference
Site Code

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

PM STAGE 4A - NOVEMBER 22 UPDATE JM PA OO 04/11/22
PM STAGE 4A ISSUE JM PA OO 22/11/22
PM STAGE 3 - 100% ISSUE JM PA OO 17/10/22
PM STAGE 3 - 5% ISSUE JM PA OO 17/10/22
PM STAGE 2 - 100% ISSUE GOC/PF TB 16/10/22
PM STAGE 2 - 5% ISSUE JM PA OO 16/10/22

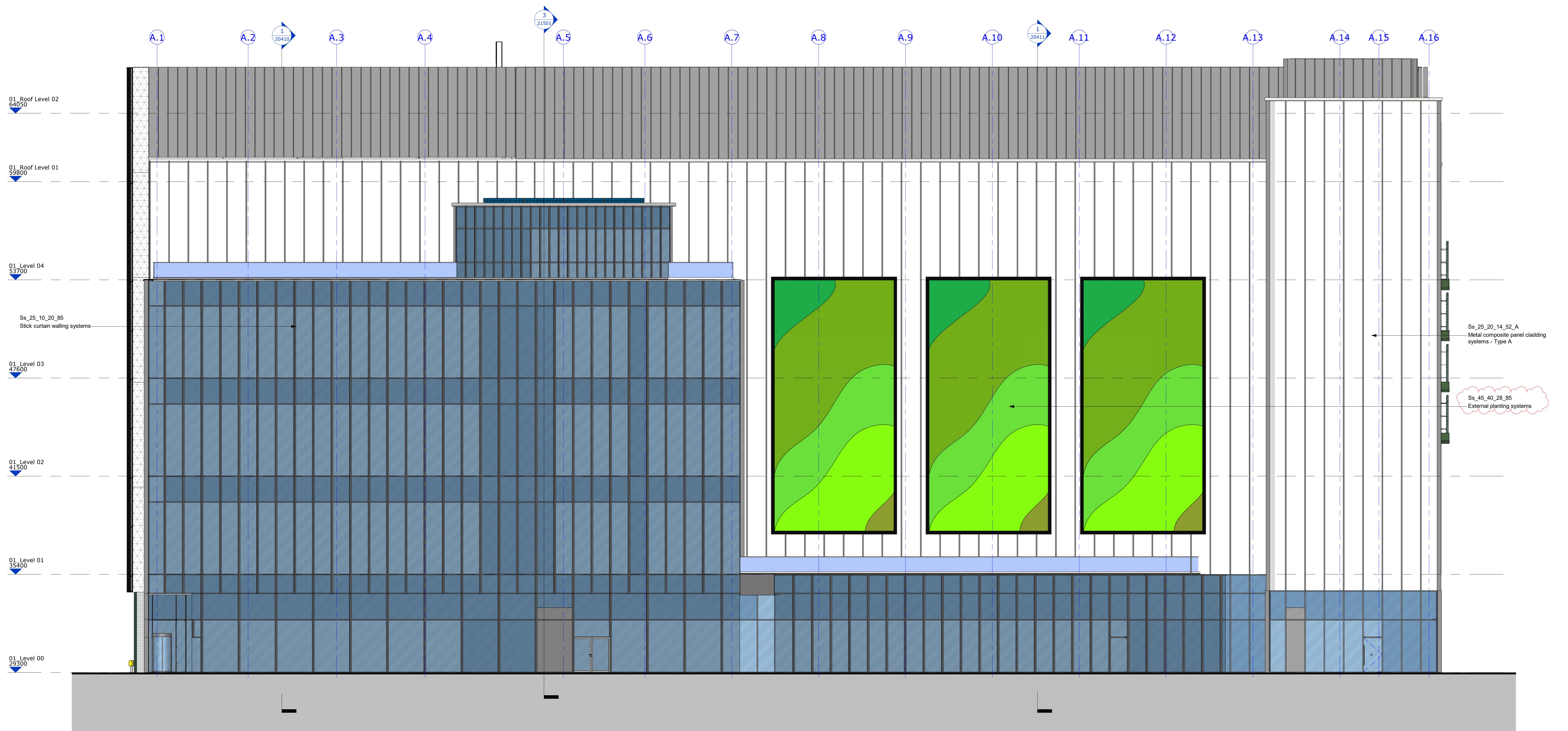
Client
colt
Data Centre Services
Lead Consultant / MEP Designer
Architect
NWA
Structural / Civil Engineer
ARUP
Fire Consultant
salus
Building Compliance without Compromise
Security Designer
Control Risks
Project Title
London 4
Drawing Title
Drainage Layout
Building 01
Roof Level 01
Project Status
STAGE 4A ISSUE

Residual Risk Register
Item: No Residual Risk Identified.
Discipline:

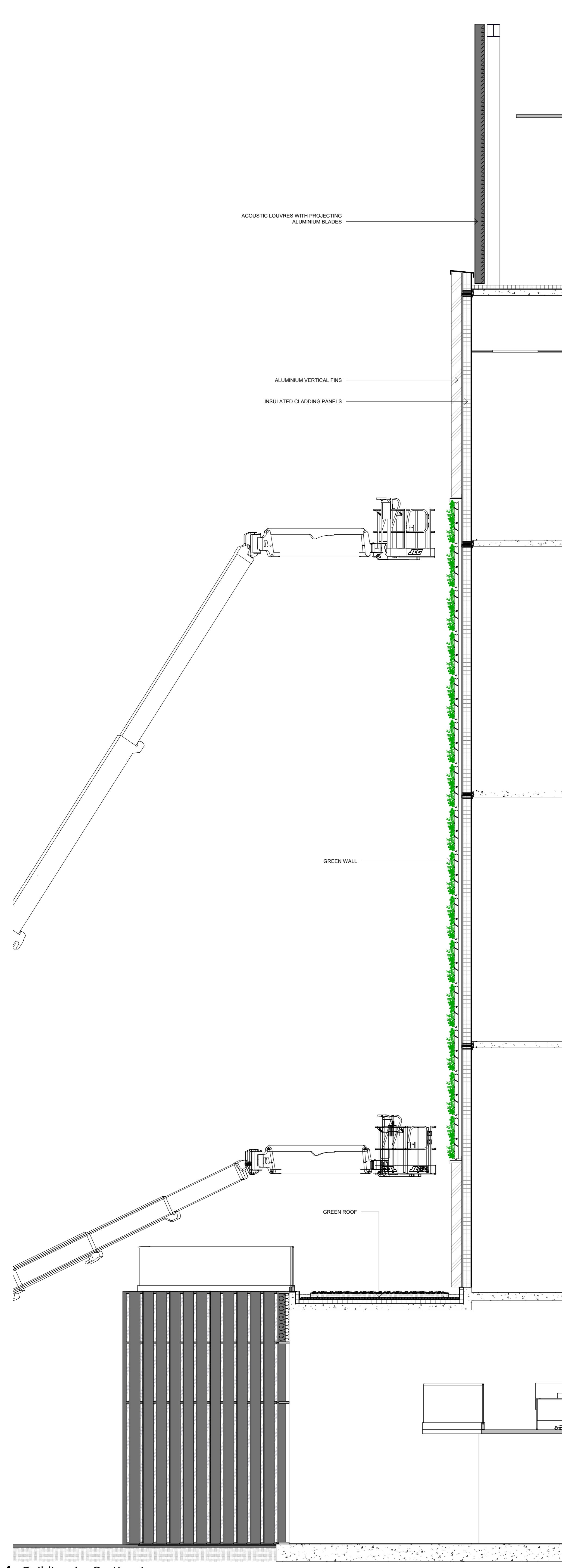
Contractor Declaration
This drawing has been developed from the following Design Information:
Architectural Model: DC2019/ANVA-DC-01-22-M3-S-0005.nft
Revised: 2022/09/22
DC2019/ANVA-DC-01-22-M3-S-0004.nft
Revised: 2022/09/22
Civil Model: DC2019/ARL-DC-01-22-LPM-3-C-0001.nft
Revised: 2022/09/22
Structural Model: DC2019/ARL-DC-01-22-LPM-3-C-0001.nft
Revised: 2022/09/22
Discipline: PLUMBING
Status Code: S4
Project Number: P20114
Scale @ A0: 1:100
Revision: P04
Drawing Number: DC520109-BWE-DC-01-05-DR-P-52203
Project Originator: Functional - Spatial - Level - Form - Discipline - Number
Discipline: BIM & Construction
Drawing Type: Structural
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.

SECTION 2: Living Wall South Elevation

- 1.1 General Elevation**
- 1.2 Architects details & Sections**
- 1.3 Subcontractor Mobipanel Brochure**
- 1.4 Subcontractor drawings**
- 1.5 Subcontractor Planting list & photos**
- 1.6 Subcontractor Statement for Fire Rating**

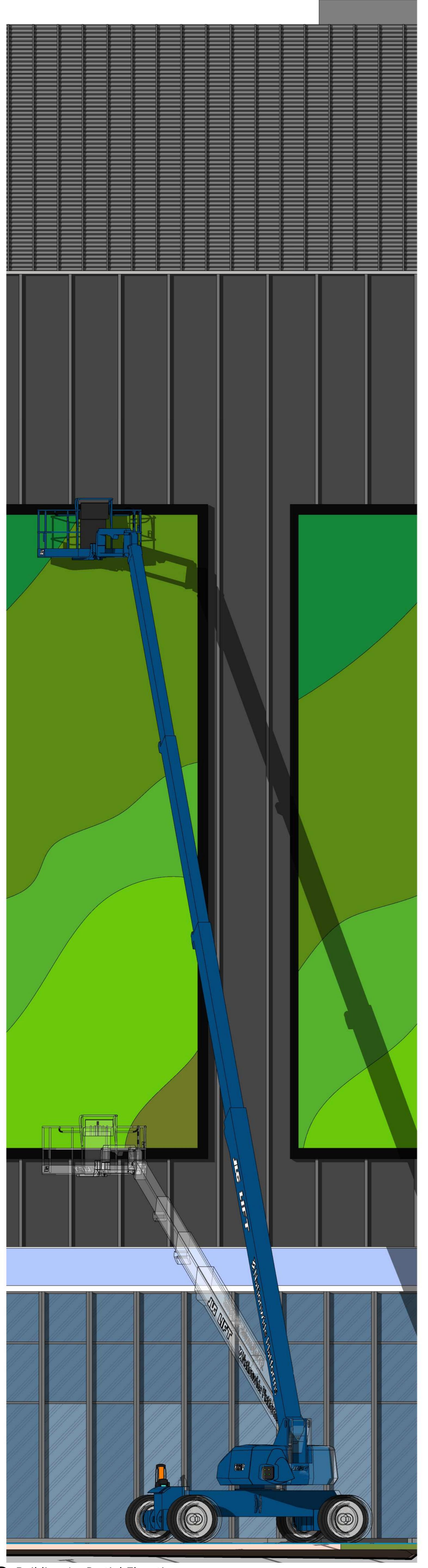


General Notes	
1. Do not scale from this drawing. All dimensions quoted are in millimetres unless otherwise stated. Values of measurements on site.	
2. Any discrepancies between the drawings and other documents should be brought to the attention of the architect.	
3. This drawing is not an installation drawing. It is the Contractors responsibility to make final connections to the services.	
4. The contents of this drawing shall be read in conjunction with the current revisions of the relevant sections of the specifications.	
Drawing No. DCS20109-NWA-DC-01-ZZ-DR-A-20401	
Project No. 0493	
Drawing Title: Building 1 - South Elevation	
Drawing Type: General Arrangement	
Project Status: STAGE 4B ISSUE	
Discipline: ARCHITECTURE	
Status Code: S4	
Scale @ A0: 1:100	
Revision: P05	
Drawing Number: DCS20109-NWA-DC-01-ZZ-DR-A-20401	
Project Name: Building 1	
Project Address: London, SE1 2QQ, United Kingdom	
Architect: NWA	
Structural/Civil Engineer: ARUP	
Fire Consultant: salus	
Security Designer: Control Risks	
Project Title: London 4	
Drawing Title: Building 1 - South Elevation	
Drawing Type: General Arrangement	
Project Status: STAGE 4B ISSUE	
Discipline: ARCHITECTURE	
Status Code: S4	
Scale @ A0: 1:100	
Revision: P05	
Drawing Number: DCS20109-NWA-DC-01-ZZ-DR-A-20401	
Project Name: Building 1	
Project Address: London, SE1 2QQ, United Kingdom	
Architect: NWA	
Structural/Civil Engineer: ARUP	
Fire Consultant: salus	
Security Designer: Control Risks	
Project Title: London 4	
Drawing Title: Building 1 - South Elevation	
Drawing Type: General Arrangement	
Project Status: STAGE 4B ISSUE	
Discipline: ARCHITECTURE	
Status Code: S4	
Scale @ A0: 1:100	
Revision: P05	
Drawing Number: DCS20109-NWA-DC-01-ZZ-DR-A-20401	
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Discipline: ARCHITECTURE	
Status Code: S4	
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Discipline: ARCHITECTURE	
Status Code: S4	
Scale @ A0: 1:100	
Revision: P05	
Drawing Number: DCS20109-NWA-DC-01-ZZ-DR-A-20401	
Project Name: Building 1	
Project Address: London, SE1	

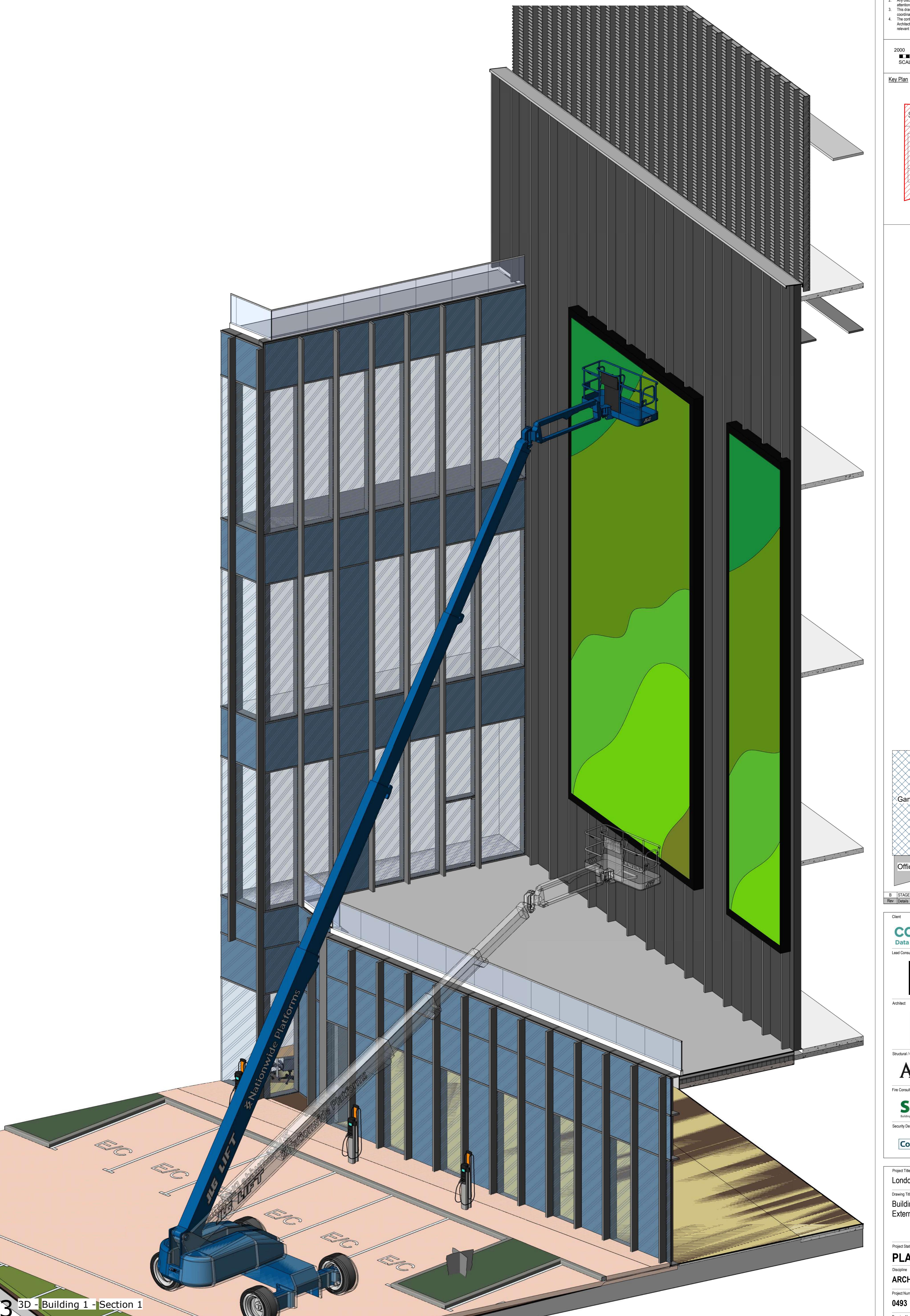


1 Building 1 - Section 1

1 : 50



2 Building 1 - Partial Elevation 1 : 50



3 3D - Building 1 - Section 1

from this drawing. All dimensions indicated are in millimetres unless stated. Validate all measurements on site.

Inconsistencies between the drawings and other documents should be brought to the engineer.

This is not an installation drawing. It is the Contractors responsibility to make final installation shop drawings.

Information of this drawing shall be read in conjunction with the current revisions of Civil, Structural, Mechanical, Electrical, Security, Telcoms drawings and all revisions of the specifications.

ALL ZONES

The diagram shows a trapezoidal structure with a red outline. The top horizontal line is labeled 'B1' in black text. The bottom horizontal line is labeled 'OF' in black text. The left vertical line is labeled 'GH' in black text. The top-left corner is labeled 'B2' in black text. The top-right corner is labeled 'B1' in black text. The bottom-left corner is labeled 'GH' in black text. The bottom-right corner is labeled 'OF' in black text. The trapezoid is filled with red diagonal hatching.

The diagram shows a cross-section of a layered material. On the left, a blue region with a diagonal hatching pattern is labeled 'y'. To its right is a grey rectangular region. The central and largest region is labeled 'B1' and features a diagonal hatching pattern. A small grey rectangular region is located in the top right corner of the B1 area.

ISSUE - PLANNING UPDATE	VM	21/03/2024
	By / Chkd / App	Date

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RUP
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compliance without Complexity
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London, SE1 2OG, United Kingdom

www.controlrisks.com

1
Wall Sections (Sheet 4)

WINTER ISSUE

Architecture	Status Code
Architecture	S4

Scale @ A0	Revision
1:50	B

2016 NWA DC LP 77 DP A 16413

0103-NWA-DO-EP-22-DR-A-12410
Originator — Functional — Spatial — Level — Form — Discipline — Number
Breakdown Breakdown