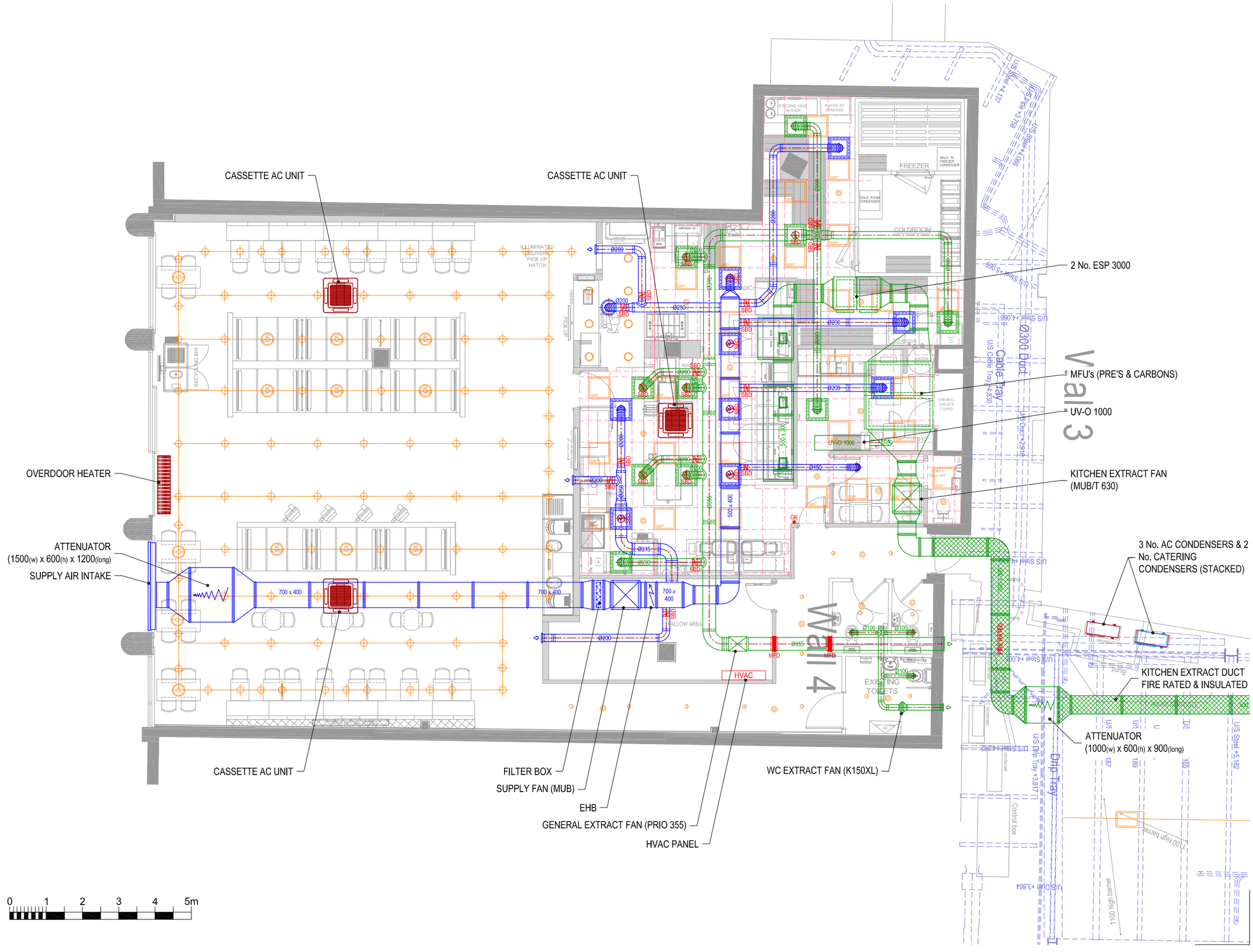

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3. Attention is drawn to health & Safety issues. Liaise with the main contractor to ensure that installation works are programmed to minimise H&S risks and optimise co-ordination.
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No.	Date	Rev. By	Revision Description
A	17-10-24	PR	Updated attaenuators.

Project :

WILMSLOW PARK, UNIT 7
OXFORD ROAD
MANCHESTER M13 0JN

Drawing Title :

PROPOSED
HVAC LAYOUT

GROUND FLOOR

Drawing No.:	Rev:
001-1230-01	A

Scale: 1:50 @ A1 1:100 @ A3

Drawn By: PR | Date: 28/05/24

chapman ventilation
15-20 Woodfield Road, Welwyn Garden City
Hertfordshire AL7 1JQ
Tel: 01707 372858 Fax: 01707 325001
E-mail: info@chapmanventilation.co.uk
Web: www.chapmanventilation.co.uk

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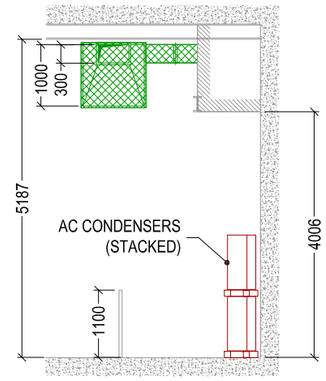
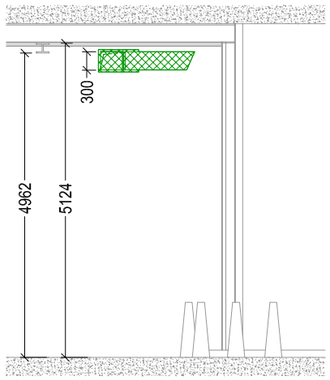


ELEVATION A



ELEVATION B

SERVICE YARD ENTRANCE
VIA
HATHERSAGE ROAD

Wall 1

Wall 3

3 No. AC CONDENSERS & 2 No. CATERING CONDENSERS
(STACKED)

KITCHEN EXTRACT DUCT FIRE RATED & INSULATED

KITCHEN EXTRACT DISCHARGE TERMINATES
WITH BIRD BEAK AND MESH

A

B

FIRE RATED

Ø300 Duct

Cable Tray

Drip Tray

Control box

1100 high barrier

Roadway Surface +0.000

Footway Surface +0.000

Ballard

Kerb Line

Grass Verge

Tarmac Surface +0.000

Gravel Surface +0.000

Planting Bed

Tree

Hedge

Fence

Wall

Gate

Bollard

Lighting Column

Manhole

Gully

Rodding Eye

Inspection Chamber

Soil Vent Pipe

Rainwater Pipe

Foul Drain

Surface Water Drain

Combined Drain

Gas Main

Water Main

Electric Cable

Telecom Cable

Overhead Cable

Low Voltage Cable

Lighting Cable

Control Cable

Fibre Optic Cable

Cable Tray

Duct

Pipe

Steel

Concrete

Brick

Timber

Earth

Water

Kerb

Edge

Footway

Carriageway

Verge

Boundary

Property Line

Site Boundary

Building Line

Setback

Offset

Clearance

Access

Egress

Entrance

Exit

Loading Bay

Parking Bay

Disabled Bay

Taxi Rank

Bus Stop

Cycle Stand

Motorcycle Bay

Coach Bay

Delivery Bay

Service Bay

Refuse Bay

Recycling Bay

Waste Bay

Compound

Storage Area

Laydown Area

Welfare Facility

Site Office

Canteen

Toilet

Changing Room

Drying Room

Locker Room

Rest Room

Meeting Room

Training Room

Induction Room

Plant Room

Switch Room

Substation

Transformer

Generator

Battery

Inverter

Charger

Rectifier

Converter

Distribution Board

Consumer Unit

Isolator

Fuse

Circuit Breaker

Contactor

Relay

Timer

Sensor

Detector

Alarm

Sounder

Beacon

Strobe

Camera

CCTV

Intercom

Door Entry

Access Control

Card Reader

Keypad

Turnstile

Barrier

Gate

Fence

Hoarding

Scaffold

Crane

Hoist

Lift

Escalator

Travelator

Ramp

Stair

Landing

Handrail

Balustrade

Guardrail

Toe Board

Mid Rail

Top Rail

Post

Base Plate

Tie

Brace

Boom

Jib

Counterweight

Outrigger

Slewing Ring

Cab

Operator

Signaller

Banksman

Slinger

Rigger

Scaffolder

Bricklayer

Plasterer

Painter

Decorator

Joiner

Carpenter

Plumber

Electrician

Mechanic

Welder

Fitter

Turner

Driver

Supervisor

Manager

Engineer

Surveyor

Architect

Designer

Draughtsman

Technician

Operative

Labourer

Apprentice

Trainee

Visitor

Contractor

Subcontractor

Client

Consultant

Inspector

Auditor

Assessor

Examiner

Tester

Commissioner

Operator

Maintainer

Cleaner

Security

Receptionist

Driver

Courier

Delivery

Collection

Waste

Recycling

Hazardous

Non-Hazardous

Inert

Clinical

Sharps

Chemical

Biological

Radioactive

Flammable

Explosive

Oxidising

Toxic

Corrosive

Irritant

Harmful

Environmental

Pollution

Spill

Leak

Emission

Discharge

Noise

Vibration

Dust

Fume

Odour

Smoke

Heat

Light

Radiation

Electromagnetic

Ionising

Non-Ionising

Laser

Infrared

Ultraviolet

X-Ray

Gamma

Alpha

Beta

Neutron

Proton

Electron

Positron

Muon

Neutrino

Quark

Lepton

Boson

Hadron

Meson

Baryon

Nucleon

Atom

Molecule

Ion

Isotope

Element

Compound

Mixture

Solution

Suspension

Colloid

Emulsion

Foam

Gel

Aerosol

Plasma

Gas

Liquid

Solid

Powder

Granule

Pellet

Tablet

Capsule

Ampoule

Vial

Syringe

Needle

Catheter

Cannula

Stent

Graft

Implant

Prosthesis

Orthosis

Splint

Cast

Bandage

Dressing

Plaster

Suture

Staple

Clip

Glue

Tape

Wire

Screw

Bolt

Nut

Washer

Rivet

Pin

Nail

Anchor

Plug

Sleeve

Insert

Thread

Tap

Die

Drill

Bit

Reamer

Countersink

Counterbore

Spotface

Chamfer

Fillet

Radius

Taper

Knurl

Groove

Slot

Keyway

Spline

Gear

Cam

Follower

Linkage

Lever

Pivot

Bearing

Bush

Seal

Gasket

O-Ring

Packing

Shim

Spacer

Collar

Flange

Coupling

Shaft

Axle

Spindle

Hub

Rim

Tyre

Wheel

Track

Rail

Sleeper

Ballast

Formation

Embankment

Cutting

Tunnel

Bridge

Viaduct

Culvert

Ford

Weir

Dam

Reservoir

Lake

River

Stream

Canal

Pond

Well

Borehole

Spring

Aquifer

Groundwater

Surface Water

Rainwater

Sewage

Effluent

Trade Waste

Potable Water

Mains Water

Hot Water

Cold Water

Chilled Water

Condensate

Steam

Compressed Air

Vacuum

Nitrogen

Oxygen

Argon

Helium

Hydrogen

Carbon Dioxide

Natural Gas

LPG

Propane

Butane

Diesel

Petrol

Kerosene

Fuel Oil

Lubricant

Hydraulic Fluid

Coolant

Refrigerant

Solvent

Paint

Primer

Varnish

Lacquer

Thinner

Adhesive

Sealant

Grout

Concrete

Mortar

Render

Plaster

Screed

Tile

Brick

Block

Stone

Slate

Timber

Steel

Aluminium

Copper

Lead

Zinc

Tin

Nickel

Chrome

Iron

Cast Iron

Wrought Iron

Stainless Steel

Galvanised Steel

Mild Steel

High Tensile Steel

Reinforcement

Mesh

Rebar

Stirrup

Tie Wire

Formwork

Shuttering

Falsework

Temporary Works

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Foundation

Pile

Raft

Strip Footing

Pad Footing

Basement

Retaining Wall

Cavity Wall

Solid Wall

Partition

Lintel

Sill

Cill

Jamb

Reveal

Soffit

Fascia

Barge Board

Eaves

Verge

Ridge

Hip

Valley

Gable

Parapet

Chimney

Flue

Vent

Louvre

Grille

Diffuser

Register

Damper

Fan

Motor

Pump

Compressor

Boiler

Heater

Cooler

Chiller

Condenser

Evaporator

Heat Exchanger

Filter

Humidifier

Dehumidifier

Air Handling Unit

Fan Coil Unit

Variable Air Volume

Constant Volume

Terminal Unit

Reheat Coil

Cooling Coil

Heating Coil

Mixing Box

Plenum

Ductwork

Pipework

Insulation

Lagging

Cladding

Roofing

Flashing

Gutter

Downpipe

Soffit

Fascia

Window

Door

Frame

Glazing

Curtain Wall

Rooflight

Skylight

Canopy

Porch

Awning

Shutter

Blind

Screen

Mullion

Transom

Sill

Cill

Jamb

Reveal

Threshold

Step

Kerb

Edge

Footway

Carriageway

Verge

Boundary

Property Line

Site Boundary

Building Line

Setback

Offset

Clearance

Access

Egress

Entrance

Exit

Loading Bay

Parking Bay

Disabled Bay

Taxi Rank

Bus Stop

Cycle Stand

Motorcycle Bay

Coach Bay

Delivery Bay

Service Bay

Refuse Bay

Recycling Bay

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Compound

Storage Area

Laydown Area

Welfare Facility

Site Office

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Toilet

Changing Room

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Locker Room

Rest Room

Meeting Room

Training Room

Induction Room

Plant Room

Switch Room

Substation

Transformer

Generator

Battery

Inverter

Charger

Rectifier

Converter

Distribution Board

Consumer Unit

Isolator

Fuse

Circuit Breaker

Contactor

Relay

Timer

Sensor

Detector

Alarm

Sounder

Beacon

Strobe

Camera

CCTV

Intercom

Door Entry

Access Control

Card Reader

Keypad

Turnstile

Barrier

Gate

Fence

Hoarding

Scaffold

Crane

Hoist

Lift

Escalator

Travelator

Ramp

Stair

Landing

Handrail

Balustrade

Guardrail

Toe Board

Mid Rail

Top Rail

Post

Base Plate

Tie

Brace

Boom

Jib

Counterweight

Outrigger

Slewing Ring

Cab

Operator

Signaller

Banksman

Slinger

Rigger

Scaffolder

Bricklayer

Plasterer

Painter

Decorator

Joiner

Carpenter

Plumber

Electrician

Mechanic

Welder

Fitter

Turner

Driver

Supervisor

Manager

Engineer

Surveyor

Architect

Designer

Draughtsman

Technician

Operative

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Trainee

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Assessor

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Tester

Commissioner

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Discharge

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Dust

Fume

Odour

Smoke

Heat

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Electromagnetic

Ionising

Non-Ionising

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X-Ray

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Alpha

Beta

Neutron

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Positron

Muon

Neutrino

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Fillet

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Taper

Knurl

Groove

Slot

Keyway

Spline

Gear

Cam

Follower

Linkage

Lever

Pivot

Bearing

Bush

Seal

Gasket

O-Ring

Packing

Shim

Spacer

Collar

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Culvert

Ford

Weir

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Lake

River

Stream

Canal

Pond

Well

Borehole

Spring

Aquifer

Groundwater

Surface Water

Rainwater

Sewage

Effluent

Trade Waste

Potable Water

Mains Water

Hot Water

Cold Water

Chilled Water

Condensate

Steam

Compressed Air

Vacuum

Nitrogen

Oxygen

Argon

Helium

Hydrogen

Carbon Dioxide

Natural Gas

LPG

Propane

Butane

Diesel

Petrol

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Boiler

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Cooler

Chiller

Condenser

Evaporator

Heat Exchanger

Filter

Humidifier

Dehumidifier

Air Handling Unit

Fan Coil Unit

Variable Air Volume

Constant Volume

Terminal Unit

Reheat Coil

Cooling Coil

Heating Coil

Mixing Box

Plenum

Ductwork

Pipework

Insulation

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Cladding

Roofing

Flashing

Gutter

Downpipe

Soffit

Fascia

Window

Door

Frame

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Transom

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Cill

Jamb

Reveal

Threshold

Step

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Project:

WILMSLOW PARK, UNIT 7
OXFORD ROAD
MANCHESTER M13 0JN

Drawing Title:

PROPOSED
HVAC LAYOUT

REAR SERVICE YARD

Drawing No.:	Rev:
001-1230-02	C

Scale: 1:50 @ A1 1:100 @ A3

Drawn By: PR	Date: 28/05/24

chapman ventilation
15-20 Woodfields Road, Welwyn Garden City
Hertfordshire AL7 1JQ
Tel: 01707 372858 Fax: 01707 325001
E-mail: Info@chapmanventilation.co.uk
Web: www.chapmanventilation.co.uk

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