HENSALL

FINAL ISSUE, ALL INFORMATION RECEIVED

OPERATION & MAINTENANCE MANUAL

Elmwood Leisure Centre

Decarbonisation and refurbishment: air source heat pumps, LTHW plant, air handling units, air conditioning and domestic water services Mechanical Services

Volume 8 of 9: Certificates

Documents 7.42 to 7.45

Revision	Issue date	Practical completion	Job reference
A	**9th of October 2026**	**2nd of June 2026**	**HEN0203**

Prepared for Hensall Mechanical Services Ltd · Westgate Leisure Services Ltd (for the London Borough of Elmwood; operated by FitLife Active)

Compiled by OnTrack O&M

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SECTION 7

7

Testing, commissioning and certificates

Documents 7.42 to 7.45 are in this volume, each exactly as received and checked.

7.42

Ventilation: ductwork internal cleanliness verification at handover (BESA TR19 Air), or confirmation it was installed to the clean protocol specified

The following 24 pages are the document exactly as received and checked. It is bookmarked in the PDF.

Reference	HEN0203-VENT-OT
Asset	Ventilation
Provided by	Linden Ductwork
Source file	Ashton ventilation ductwork cleaning report, 17th of March 2026.pdf
Pages	24

ASHTON

Ventilation Ductwork Cleaning Report

‘Hensall’

‘17 Mar 2026’

Title	**Ventilation Ductwork Cleaning Report**
Site Contact	
Site Name	Hensall - Elmwood Leisure Centre
Site Address	Market Gate Road, Elmwood,
Date	17 Mar 2026
Engineer	Neil Mosley

Cleaning

Our ventilation ductwork cleaning is carried out by ***Ashton Fire Specialists Ltd***, part of the RJ Ashton Group. RJ Ashton Group consists of 4 companies: RJ Ashton Commissioning Engineers Ltd, Ashton Fire Specialists Ltd, Ashton LLP and Regional Hygiene Services Ltd. RJ Ashton was founded in 1992, *starting as a small family business, which has since progressed to become one of the UK's leading HVAC, water and fire systems engineering group.*

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Part of RJ Ashton Group
RJ Ashton Group Accreditations

ASHTON FIRE SPECIALISTS LTD IS AN INDEPENDENT FIRE SYSTEMS ENGINEERING AND VENTILATION CLEANING

RS EXPERIENCE

Ashton Fire Specialists core business activities are maintenance and service, survey and testing of fire systems including fire damper testing, fire compartmentation surveys, fire door inspections and ventilation ductwork cleaning and kitchen canopy cleaning for a range of sectors including NHS, hospitals, schools, universities, academies, retail outlets, manufacturing and factory sites, public and commercial buildings.

Underlying all of our activities is an unrivalled knowledge and understanding of regulatory authorities and standards committees such as British Standards (BS), Health Technical Memorandums (HTM), BS 9999:2017, HTM 05-01, HTM 05-02, HTM 05-03 and the Regulatory Reform (Fire Safety) Order 2005 regulations.

> *"Over 72,000 fire dampers were tested last year by our engineers who are expertly trained in carrying out surveys and testing of all makes and models of fire and smoke dampers."*

A key part of our success are the skills and commitment of the people who work for us, all of whom have either been trained in-house or carefully recruited from the fire, mechanical, electrical, engineering, service and commissioning sectors.

We offer extremely competitive rates and daytime or evenings to offer minimal disturbance to our customers.

Our services include:

- Fire / Smoke Damper Survey & Testing
- Fire / Smoke Damper Testing
- Fire Compartmentation Surveys
- Fire Door Inspections



VISIT WEBSITE



Ventilation Ductwork Cleaning Procedure

If regular duct cleaning and extraction canopy cleaning is not undertaken, greasy deposits left in the ducts will attract fibrous build-ups as time progresses. The air flow efficiency can be seriously impaired by deposits, which leads to a greater use of energy and create a hazard to health and fire risk. Failure to carry out regular duct cleaning could invalidate buildings insurance cover.

We use a variety of extraction devices, along with specialised mechanical air brushes, air jets and manual methods. Where existing ducts have insufficient access to enable cleaning, we can install doors to facilitate regular inspection and maintenance.

All our operatives are fully trained to TR19 and BS EN 15780 standards.

Our Ventilation Ductwork Cleaning service included:

- Cleared all debris, dust and particles present
- Photographed evidence of ductwork before and after cleaning
- Reported on any defects found and remedial works required

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Remedial Works Report

This section will provide a summary of any defects found and any remedial works required to ensure

that all ductwork is working effectively.

Remedial Works Summary

Location	Remedial Details

Individual Ventilation Ductwork Cleaning Reports

Ventilation Ductwork Cleaning Report

Customer Details

Location of Ventilation Ductwork	High Level Gym Grilles

Date of Report	17 Feb 2026
Site Name	Hensall - Elmwood Leisure Centre
Site Address	Market Gate Road, Elmwood,
Site Contact	
Engineer	

Photographic Evidence

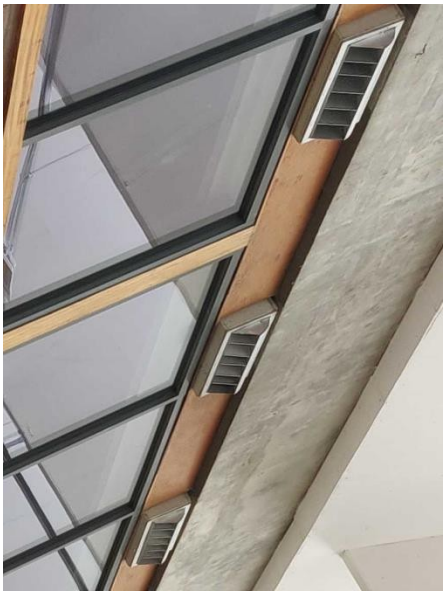
Photo (s) Before

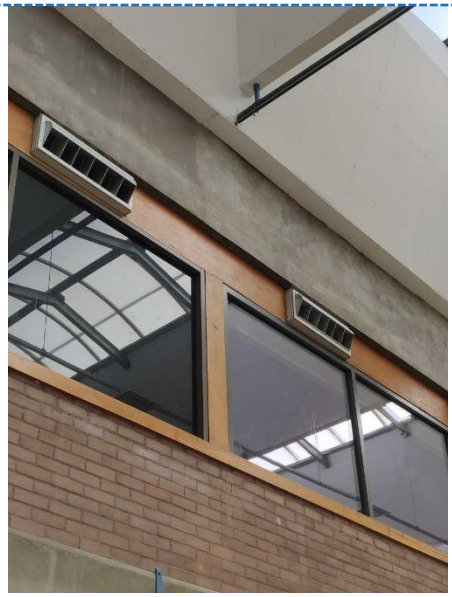


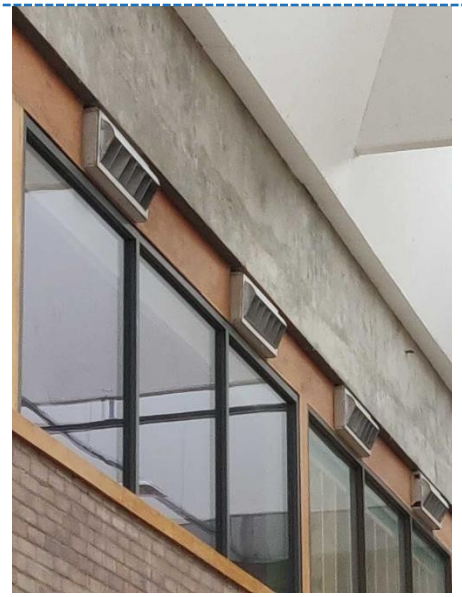


Photo (s) After









Conclusion

Comments	Main gym grills cleaned and refitted
Remedial Work Required?	No
Remedial Details	

Ventilation Ductwork Cleaning Report

Customer Details

Location of Ventilation Ductwork	1st Floor
Date of Report	18 Feb 2026
Site Name	Hensall - Elmwood Leisure Centre
Site Address	Market Gate Road, Elmwood,
Site Contact	
Engineer	

Photographic Evidence

Photo (s) Before





Photo (s) After





































Conclusion

Comments	Supply 1st floor
Remedial Work Required?	No
Remedial Details	

Ventilation Ductwork Cleaning Report

Customer Details

Location of Ventilation Ductwork	1st Floor Supply Duct
Date of Report	19 Feb 2026
Site Name	Hensall - Elmwood Leisure Centre
Site Address	Market Gate Road, Elmwood,
Site Contact	
Engineer	

Photographic Evidence

Photo (s) Before





Photo (s) After

































Conclusion

Comments	Supply duct & gym grilles
Remedial Work Required?	No
Remedial Details	

Ventilation Ductwork Cleaning Report

Customer Details

Location of Ventilation Ductwork	Supply Ductwork
Date of Report	19 Feb 2026
Site Name	Hensall - Elmwood Leisure Centre
Site Address	Market Gate Road, Elmwood,
Site Contact	
Engineer	

Photographic Evidence

Photo (s) Before





Photo (s) After





















Conclusion

Comments	Pre & post gym supply
Remedial Work Required?	No
Remedial Details	

Ventilation Ductwork Cleaning Report

Customer Details

Location of Ventilation Ductwork	1st Floor Gym Extract
Date of Report	16 Mar 2026
Site Name	Hensall - Elmwood Leisure Centre
Site Address	Market Gate Road, Elmwood,
Site Contact	
Engineer	

Photographic Evidence

Photo (s) Before





Photo (s) After





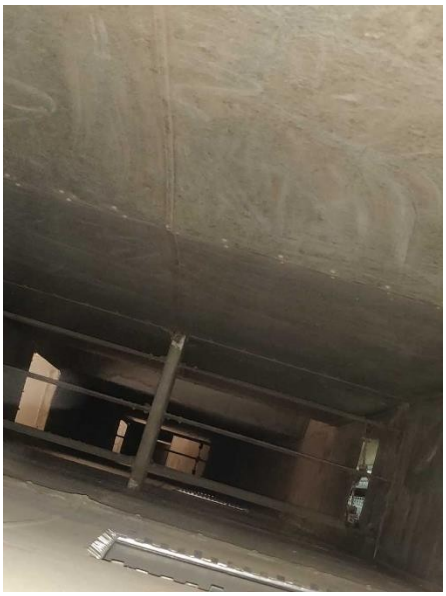






























Conclusion

Comments	Main gym extract ductwork
Remedial Work Required?	No
Remedial Details	

Ventilation Ductwork Cleaning Report

Customer Details

Location of Ventilation Ductwork	Gym Extract Ductwork
Date of Report	17 Mar 2026
Site Name	Hensall - Elmwood Leisure Centre
Site Address	Market Gate Road, Elmwood,
Site Contact	
Engineer	

Photographic Evidence

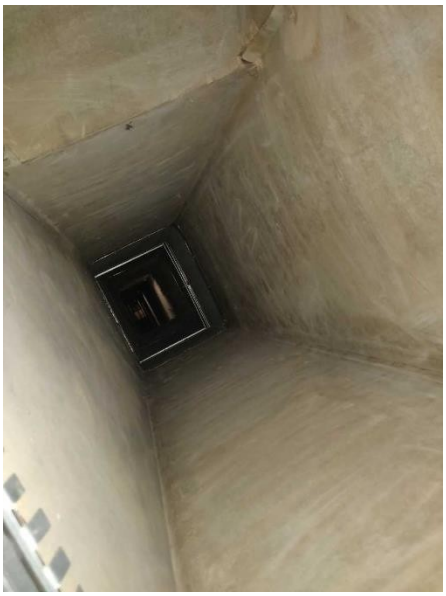
Photo (s) Before



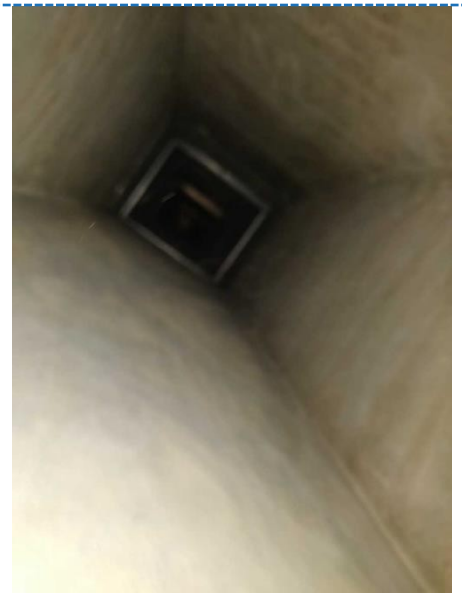


Photo (s) After













Conclusion

Comments	Gym extract ductwork
Remedial Work Required?	Yes
Remedial Details	

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7.43

FD 0.01 drop test certificate

The following 58 pages are the document exactly as received and checked. It is bookmarked in the PDF.

Reference	HEN0203-FD001-FD
Asset	FD 0.01
Provided by	RJ Ashton Group (Ashton LLP)
Source file	Ashton fire damper testing report, 18th of March 2026.pdf
Pages	58

ASHTON

Damper Testing Report

Hensall - Elmwood Leisure Centre

Title	**Damper Testing Report**
Site Contact	Fire &
Site	Hensall - Elmwood Leisure Centre
Site Address	Market Gate Road, Elmwood, ices
Date	18 Mar 2026
Engineer	Neil Mosley

ASHTON FIRE SPECIALISTS LTD IS AN INDEPENDENT NATIONAL FIRE PROTECTION COMPANY WITH OVER 30 YEARS INDUSTRY EXPERIENCE IN FIRE COMPLIANCE

Our damper testing is carried out by **Ashton Fire Specialists Ltd** *, part of the* RJ Ashton Group. RJ Ashton Group consists of 4 companies: RJ Ashton Commissioning Engineers Ltd, Ashton Fire Specialists Ltd, Ashton LLP and Regional Hygiene Services Ltd. RJ Ashton was founded in 1992, starting as a *small family business, which has since progressed to become one of the UK's leading HVAC, water and fire systems engineering group.*



RJ Ashton Group Accreditations

Ashton Fire Specialists benefits a cast range of sectors, including the NHS< Private Healthcare, Education, Care homes, Social Housing Associations, Facility Management companies, Hotels, Retail Outlets and Residential Buildings, ensuring compliance with current legislation.

Our Services Include:

Fire Damper Surveys, Testing, Maintenance and Installations

Fire dampers are a crucial passive fire protection product that helps to prevent the quick and dangerous spread of fire and some through ductwork. Ashton Fire Specialists provides damper surveys, testing, repairs and replacement of dampers. All our damper services are carried out to BS 9999:2017 and HTM 03 standards.

Fire Compartmentation Surveys

Our fire compartmentation surveys will identify any protentional risks and breaches to ensure your building meets the Regulatory Reform (Fire Safety) Order 2005 requirements.

Fire Stopping Works

Ashton Fire Specialists carry out all aspects of passive fire protection and all our directly employed engineers are NVQ Level 2 Fire Protection qualified with additional third-party accreditation under FIRAS. Under this scheme, we are able to certify our fire compliance works.

Fire Door Inspections, Maintenance and Installations

Our fire door inspections provide you with a detailed report to determine your fire door requirements.

Essential repairs and installations will ensure your fire doors meet the standards laid down in the BS 8214 (Fire Door Standards) and the Regulatory Reform (Fire Safety) Order 2005.

Other services include:

- Ductwork Cleaning & Maintenance
- AHU Cleaning & Maintenance
- Kitchen Extract Cleaning



Damper Testing Procedure

Dampers are passive fire protection products installed in heating, ventilation and air conditioning (HVAC) ducts to prevent the spread of fire / smoke inside the ductwork through fire-resistance rated walls and floors.

There are 3 types of dampers:

- **Fire Damper:** This closes once the duct temperature reaches a high enough level to melt a fusible link, interrupting migratory airflow and resisting the passage of flame
- **Smoke Damper:** This is a device installed in ducts and air transfer openings of an air distribution or smoke control system designed resist the passage of air and smoke
- **Fire / Smoke Damper:** A combined fire / smoke damper which is similar to a fire damper in fire resistance rating and also prevents the spread of smoke

How often do you have to test the dampers?

BS 9999:2017 states that arrangements should be made for all fire dampers to be tested at regular intervals by a competent person not exceeding 12 months and to be replaced or repaired immediately if found to be faulty. Spring operated dampers and those left in dust laden or similar atmospheres should be tested more frequently.

Our Damper Testing service included:

- Dampers were number labelled for reference in the report
- Identified type and mechanism of dampers and provided sizes
- Reported damper accessibility
- Photographed evidence of damper open and closed or defects founds or inaccessibility
- Pass or fail indication of tested fire dampers
- Reported on any defects found, remedial works required and responsible party
- Word and Excel reports produced in accordance with labelling system

Damper Testing Report – FD/01 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026

Accessibility & Damper Specifications

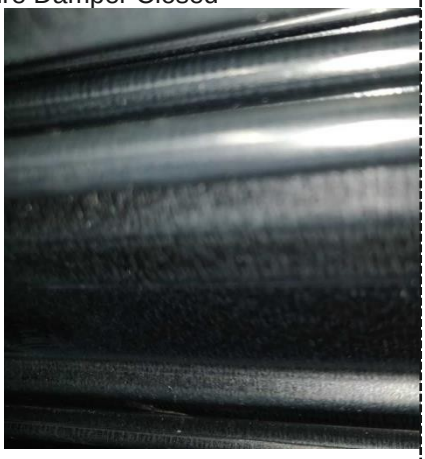
Damper accessed?	Yes
Damper ref no	FD/01
Location of damper	Buggle Store
Damper type	Fire
Supply / extract	Extract
Size of damper	600x250

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY
		

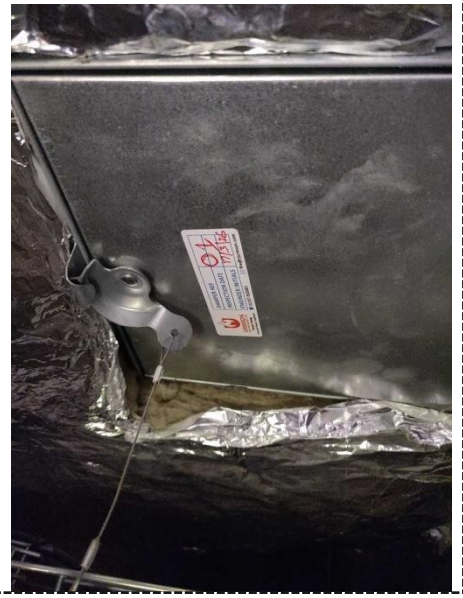
PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/02 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/02
Location of damper	Buggle Store
Damper type	Fire
Supply / extract	Supply
Size of damper	450x250

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

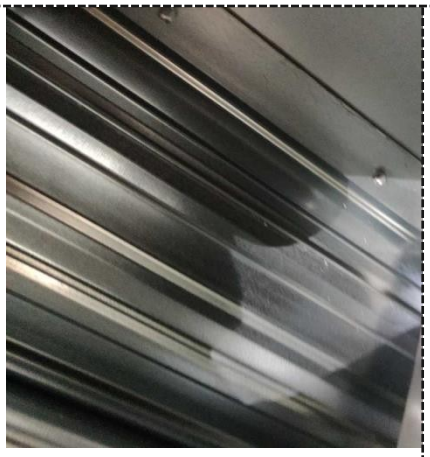
Testing Report

Damper supported?	Yes
Fire stopped?	No 
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY





PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – Ff/03 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	Ff/03
Location of damper	Inside Kitchen
Damper type	Fire
Supply / extract	Extract
Size of damper	550x250

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	No 
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY





PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/04 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/04
Location of damper	Changing Rooms
Damper type	Fire
Supply / extract	Extract
Size of damper	x600

Additional access info	Hatch in wall
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Spiral Damper
Access via	Behind Wall Hatch

Testing Report

Damper supported?	Yes
Fire stopped?	No 
Track clean?	Yes
Drop tested?	No



Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing


DAMPER REF
04
INSPECTION DATE
17/3/26
ENGINEER INITIALS

Damper Testing Report – FD/05 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/05
Location of damper	Main Gym
Damper type	Fire
Supply / extract	Supply
Size of damper	x250

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	B.S.B single blade
Square / spiral	Spiral Damper
Access via	Outside Riser Cupboard

Testing Report

Damper supported?	Yes
Fire stopped?	No 
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY





PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – Fdd/06 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	Fdd/06
Location of damper	Main Gym
Damper type	Fire
Supply / extract	Supply
Size of damper	x200

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	B.S.B single blade
Square / spiral	Spiral Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	No 
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY





PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/07 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/07
Location of damper	Main Gym
Damper type	Fire
Supply / extract	Supply
Size of damper	250x250

Additional access info	Visual inspection
Asset No	No
Drawing Ref	
Make & model	Intumescent
Square / spiral	Square Damper
Access via	Grille Riser Cupboard

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/08 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/08
Location of damper	Main Gym
Damper type	Fire
Supply / extract	Extract
Size of damper	250x250

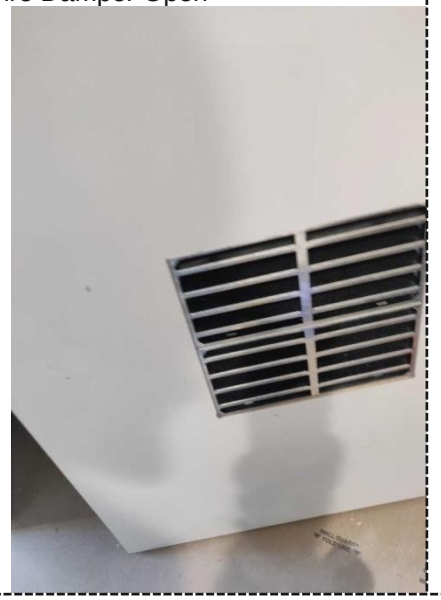
Additional access info	Visual inspection
Asset No	No
Drawing Ref	
Make & model	Intumescent
Square / spiral	Square Damper
Access via	Grille Riser Cupboard

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/09 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/09
Location of damper	Main Gym
Damper type	Fire
Supply / extract	Supply
Size of damper	x150

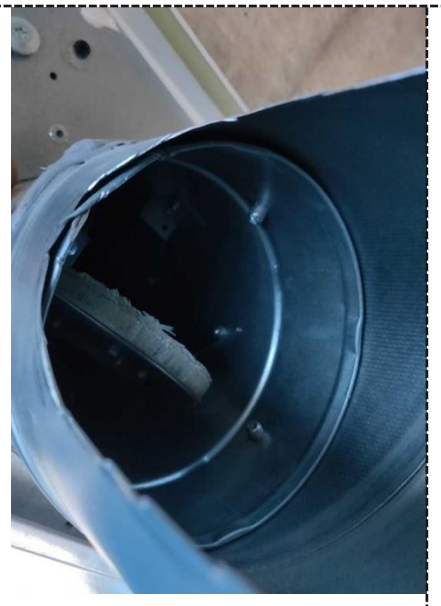
Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	B.S.B single blade
Square / spiral	Spiral Damper
Access via	Entrance Doors

Testing Report

Damper supported?	Yes
Fire stopped?	No 
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY





PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/10 – No Access

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	17 Mar 2026
Drawing Ref	

Accessibility

Damper accessed?	No
If no, is an access door installed?	Yes
If no, does an access door need to be fitted?	

Damper Specifications

Damper ref no	FD/10
Location of damper	Main Gym

Asset No	
Access via	Entrance Doors

Accessibility Obstruction



Conclusion

Responsibility	Estates to address
Remedial details	Obstruction - Building Services: Solid ceiling. Ceiling hatch required. Estates to address. Size: 250 xx250

PASS / FAIL	No Access

Drawing



Damper Testing Report – FD/11 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/11
Location of damper	Mixed Changing Rooms
Damper type	Fire
Supply / extract	Extract
Size of damper	x600

Additional access info	Hatch in wall
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Spiral Damper
Access via	Wall Hatch

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/12 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/12
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Extract
Size of damper	300x350

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/13 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/13
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Extract
Size of damper	600x600

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	Yes400x400 on each side

Drawing



Damper Testing Report – FD/14 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/14
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Extract
Size of damper	600x600

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY
		

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	Yes400x400 on side

Drawing



Damper Testing Report – FD/15 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/15
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Extract
Size of damper	300x350

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY
		

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/16 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/16
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Supply
Size of damper	600x600

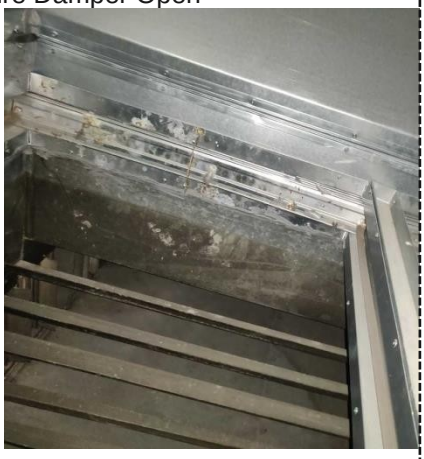
Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

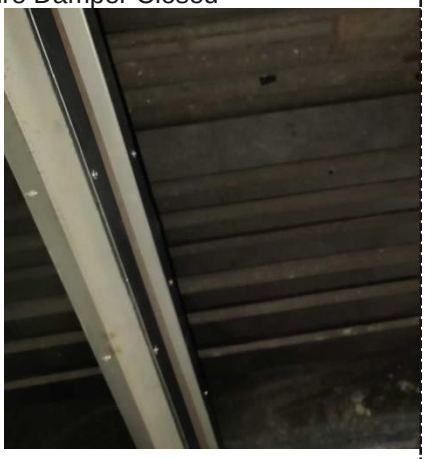
Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	YesPanel needs fitting on other side of duct

Drawing



Damper Testing Report – FD/17 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/17
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Supply
Size of damper	600x600

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	YesDoor needs fitting on other side

Drawing



Damper Testing Report – FD/19 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/19
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Supply
Size of damper	550x400

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/19 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/19
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Extract
Size of damper	800x400

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/20 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/20
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Extract
Size of damper	650x350

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/21 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/21
Location of damper	Plantroom
Damper type	Fire
Supply / extract	Extract
Size of damper	650x450

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/22 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/22
Location of damper	Dance Studio Store Room
Damper type	Fire
Supply / extract	Supply
Size of damper	x250

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	B.S.B single blade
Square / spiral	Spiral Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/23 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/23
Location of damper	Kitchen
Damper type	Fire
Supply / extract	Supply
Size of damper	x200

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	B.S.B single blade
Square / spiral	Spiral Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/24 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/24
Location of damper	D/Doors Leading Into Changing Rooms
Damper type	Fire
Supply / extract	Supply
Size of damper	550x350

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/25 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/25
Location of damper	D/Doors Leading Into Changing Rooms
Damper type	Fire
Supply / extract	Supply
Size of damper	550x350

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open	Fire Damper Closed	Visual Inspection ONLY
		

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



Damper Testing Report – FD/26 – Pass

Customer Details

Site	Hensall
Site address	Market Gate Road, Elmwood,

Site contact	
Engineer	Neil Mosley
Test date	18 Mar 2026

Accessibility & Damper Specifications

Damper accessed?	Yes
Damper ref no	FD/26
Location of damper	D/Doors Leading Into Changing Rooms
Damper type	Fire
Supply / extract	Extract
Size of damper	400x400

Additional access info	N/A
Asset No	No
Drawing Ref	
Make & model	Fusible Link
Square / spiral	Square Damper
Access via	Ductwork

Testing Report

Damper supported?	Yes
Fire stopped?	Yes
Track clean?	Yes
Drop tested?	Yes

Photographic Evidence

Fire Damper Open



Fire Damper Closed



Visual Inspection ONLY

PASS / FAIL	Pass

Tek Screws

PASS / FAIL	Pass

Remedial details	No

Drawing



7.44

CU 2.09 refrigerant pipework pressure test certificate

The following 21 pages are the document exactly as received and checked. It is bookmarked in the PDF.

Reference	HEN0203-CU209-TC
Asset	CU 2.09
Provided by	Frost Air Conditioning
Source file	Refrigerant pipework pressure tests, sheet 1 of 2.pdf
Pages	21

PRESSURE TEST CERTIFICATE

Roall Hall
Roall Lane
Eggborough
North Yorkshire
DN14 0NY

HENSALL

t 01977 661318
f 01977 662127
e admin@hensall.com
w www.hensall.com

Project: WALNUTS LEISURE CENTRE	Project Ref: HEN 0203
Scheme:	Sheet No.

Identification of Equipment/System: SQUASH COURTS / VIEWING AREA / STAFF ROOM

Test Method	Medium	Pressure	Duration
PRESSURE TEST	NITROGEN (OFN)	35 BAR	15 HRS

Observations / Comments:

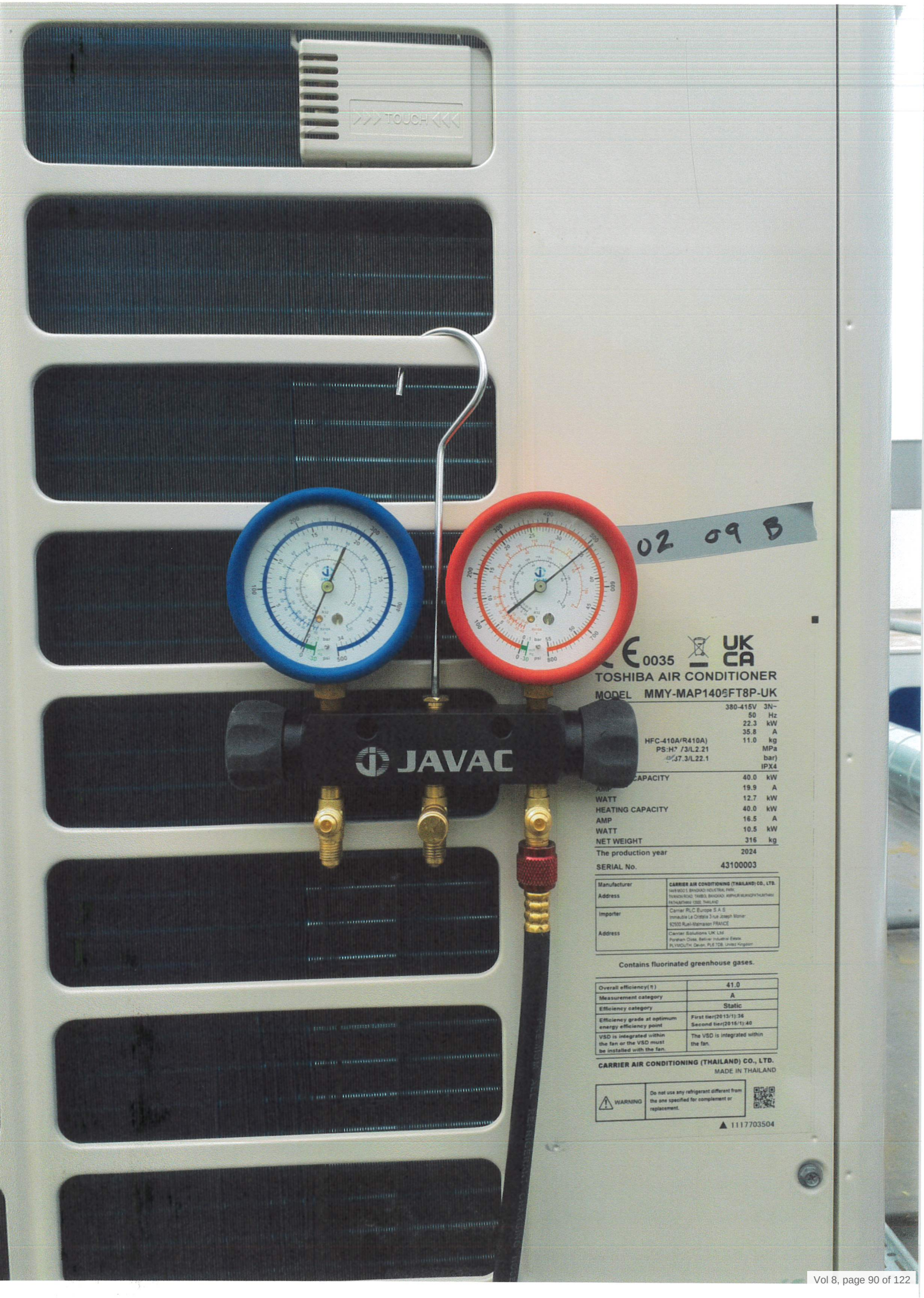
PRESSURE TESTED TO 35 BAR FOR 15 HRS, NO PRESSURE DROP DETECTED DURING TEST PERIOD

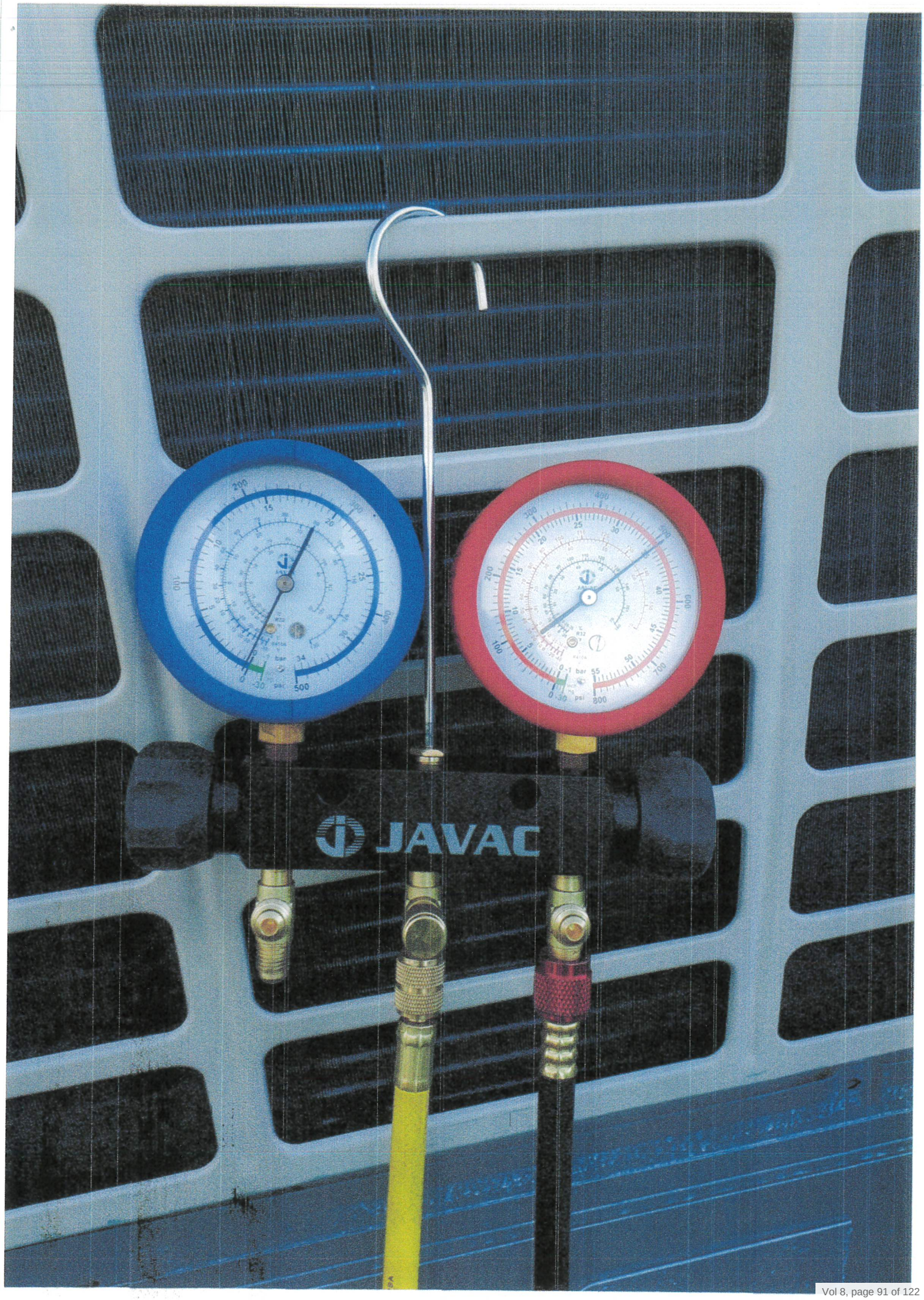
Test Carried Out By:
Hensall Mechanical Services Operative
VINCE SWINNEY
V Sweeney

Witnessed By:
Clients Authorised Signatory
G. KOSTUSIAK

Date: 12-03-2026

11.3.8


TOUCH
JAVAC
02 09 B
0035
UK CA
TOSHIBA AIR CONDITIONER
MODEL MMY-MAP1405FT8P-UK
380-415V 3N~
50 Hz
22.3 kW
35.8 A
HFC-410A(R410A) 11.0 kg
PS:H? /3/L2.21 MPa
47.3/L22.1 bar)
IPX4
CAPACITY 40.0 kW
19.9 A
WATT 12.7 kW
HEATING CAPACITY 40.0 kW
AMP 16.5 A
WATT 10.5 kW
NET WEIGHT 316 kg
The production year 2024
SERIAL No. 43100003
Manufacturer CARRIER AIR CONDITIONING (THAILAND) CO., LTD.
Address 1649 MOO 1, BANGKAO INDUSTRIAL PARK, TAMBON ROAD, TAMBOL BANGKAO, AMPHUR MUANGPATHUMTHANI PATHUMTHANI 12000, THAILAND
Importer Carrier RLC Europe S.A.S
Address Immeuble Le Cristalis 3 rue Joseph Monier 92500 Rueil-Malmaison FRANCE
Carrier Solutions UK Ltd Pynshen Close, Bellver Industrial Estate PLYMOUTH Devon, PL6 7DB, United Kingdom
Contains fluorinated greenhouse gases.
Overall efficiency(η) 41.0
Measurement category A
Efficiency category Static
Efficiency grade at optimum energy efficiency point First tier(2013/1):36 Second tier(2015/1):40
VSD is integrated within the fan or the VSD must be installed with the fan. The VSD is integrated within the fan.
CARRIER AIR CONDITIONING (THAILAND) CO., LTD.
MADE IN THAILAND
WARNING Do not use any refrigerant different from the one specified for complement or replacement.
▲ 1117703504


JAVAC

PRESSURE TEST CERTIFICATE

Roall Hall
Roall Lane
Eggborough
North Yorkshire
DN14 0NY

HENSALL

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f 01977 662127
e admin@hensall.com
w www.hensall.com

Project: WALNUTS LEISURE CENTRE	Project Ref: HEN 0203
Scheme:	Sheet No.

Identification of Equipment/System: SOFTPLAY / PLAYZONE

Test Method	Medium	Pressure	Duration
PRESSURE TEST	NITROGEN (OFN)	35 BAR	16 HRS

Observations / Comments:

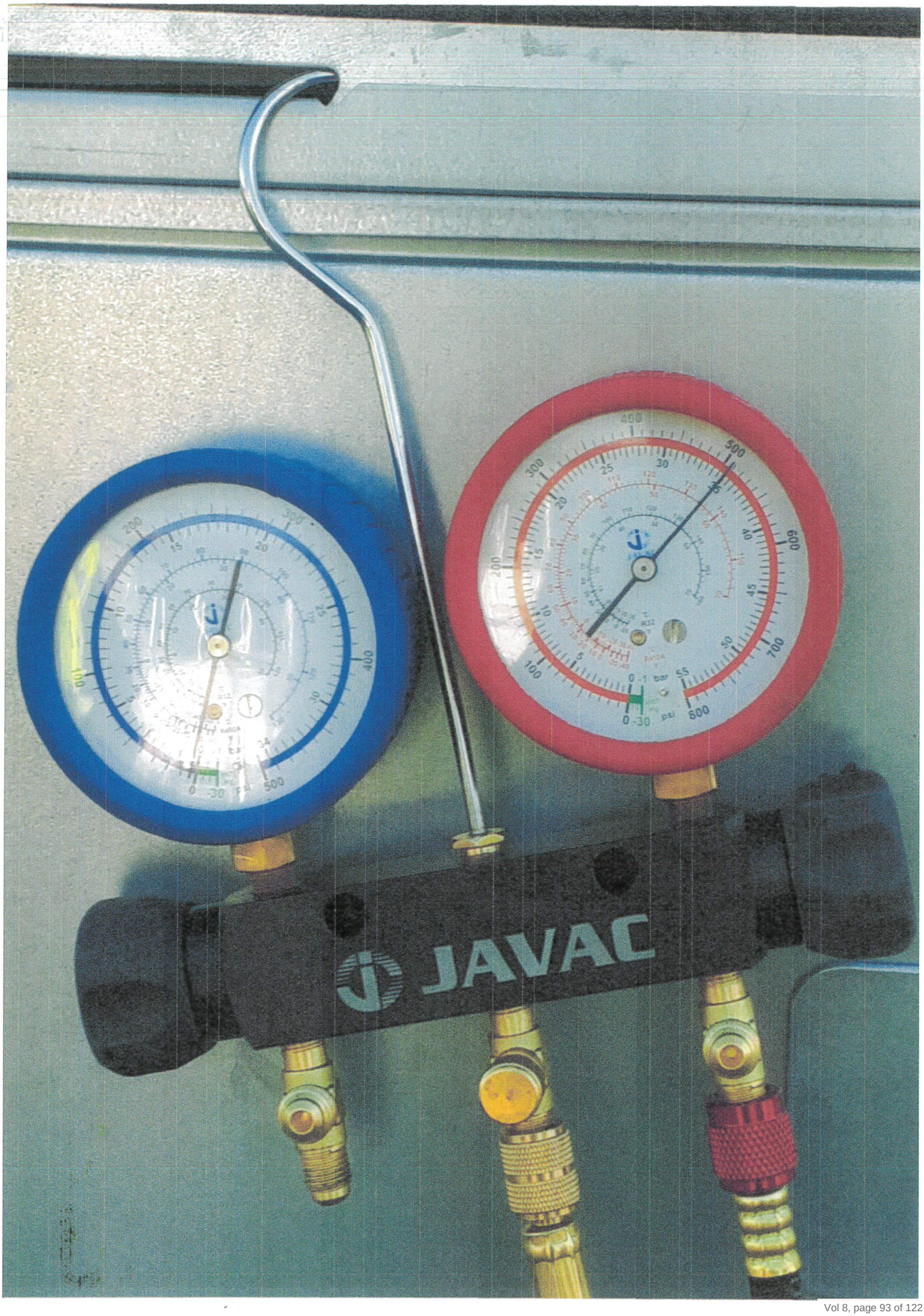
PRESSURE TESTED TO 35 BAR FOR 16 HRS, NO PRESSURE DROP DETECTED DURING THE TEST PERIOD

Test Carried Out By: VINCENT SWEENEY
Hensall Mechanical Services Operative V Sweeney

Witnessed By: Greg Kostusiak
Clients Authorised Signatory

Date: 20-03-2026

11.3.8


JAVAC

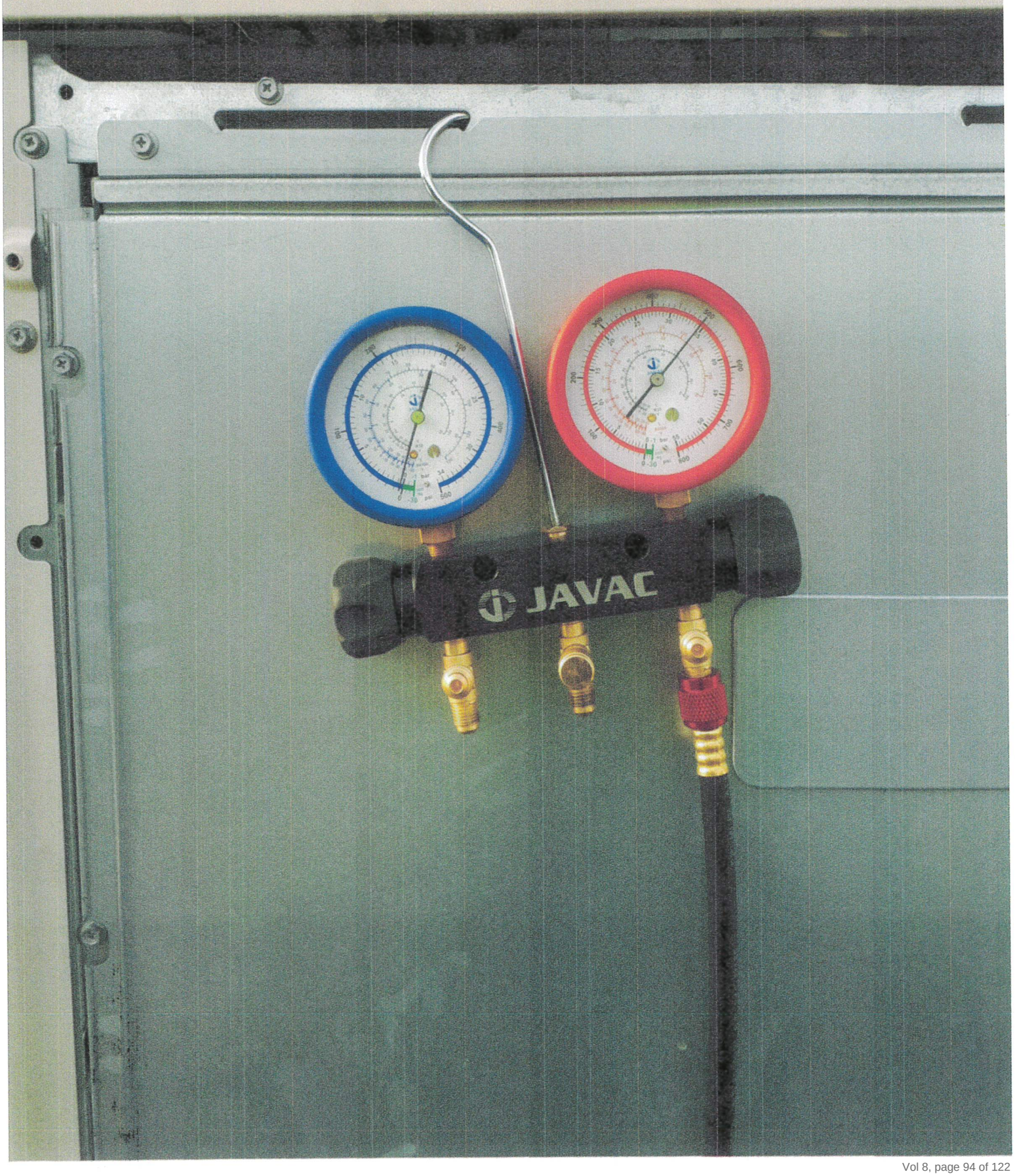
MAXIMUM POWER	40.5	kW
MAXIMUM CURRENT	60.0	A
HFC - 410A (R410A)	9.0	kg
PS:H4.15/L2.21		MPa
(H41.5/L22.1		bar)
		IPX4
COOLING CAPACITY	67.0	kW
AMP	37.1	A
WATT	24.19	kW
HEATING CAPACITY	64.5	kW
AMP	28.0	A
WATT	18.27	kW
NET WEIGHT	356	kg
The production year	2025	
SERIAL No.	52600002	

Contains fluorina

Overall efficiency(η)
Measurement category
Efficiency category
Efficiency grade at optimum energy efficiency point
VSD is integrated within the fan or the VSD must be installed with the fan.

CARRIER AIR CONDITION

WARNING Do not use any
one specified fo



PRESSURE TEST CERTIFICATE

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North Yorkshire
DN14 0NZ

HENSALL

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Project: WALNUTS LEISURE CENTRE	Project Ref: HEN 0203
Scheme:	Sheet No.

Identification of Equipment/System: GYM OFFICE

Test Method	Medium	Pressure	Duration
PRESSURE TEST	NITROGEN (OFN)	35 BAR	15 HRS

Observations / Comments:

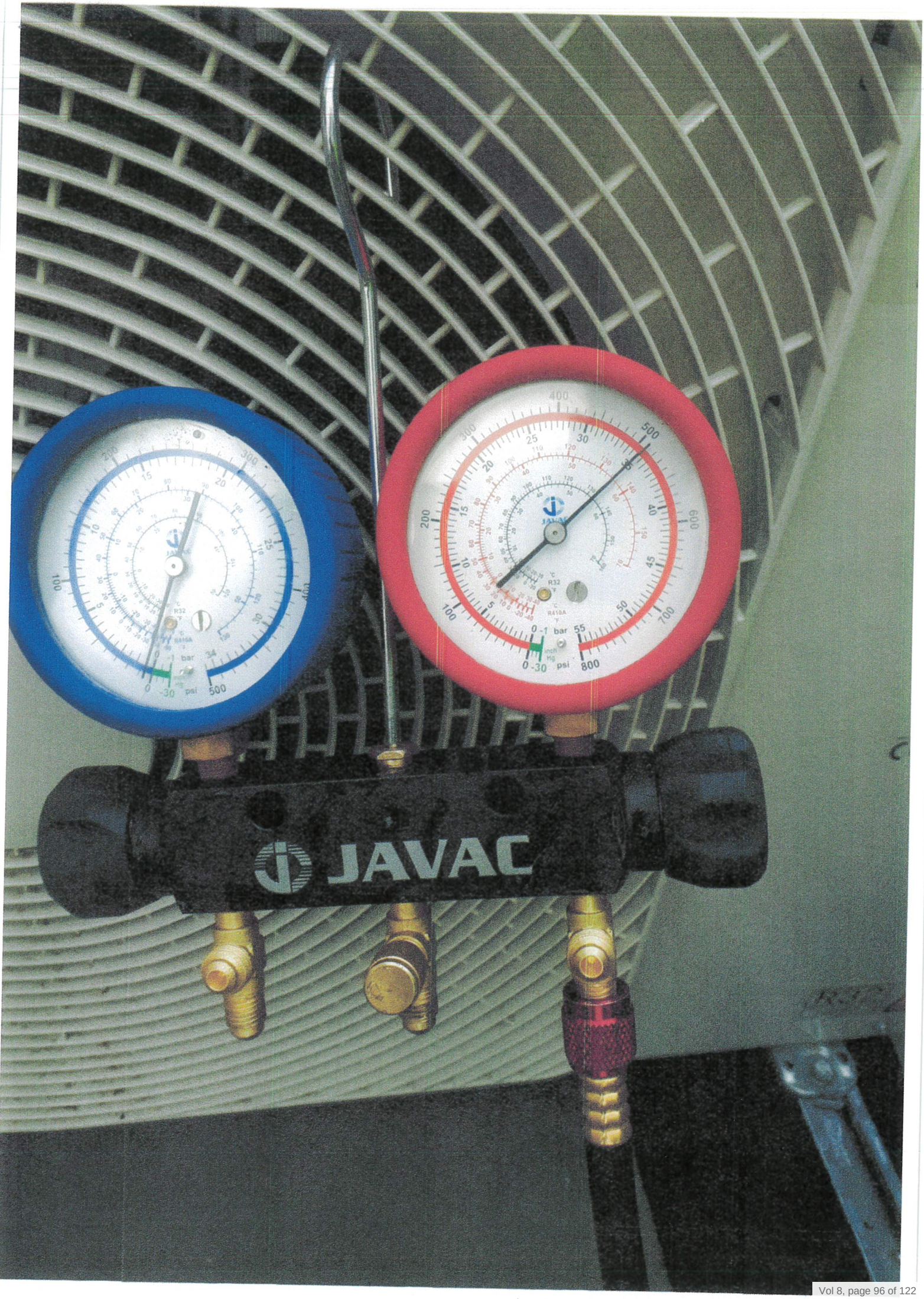
PRESSURE TESTED TO 35 BAR FOR 15 HRS, NO PRESSURE DROP DETECTED DURING TEST PERIOD

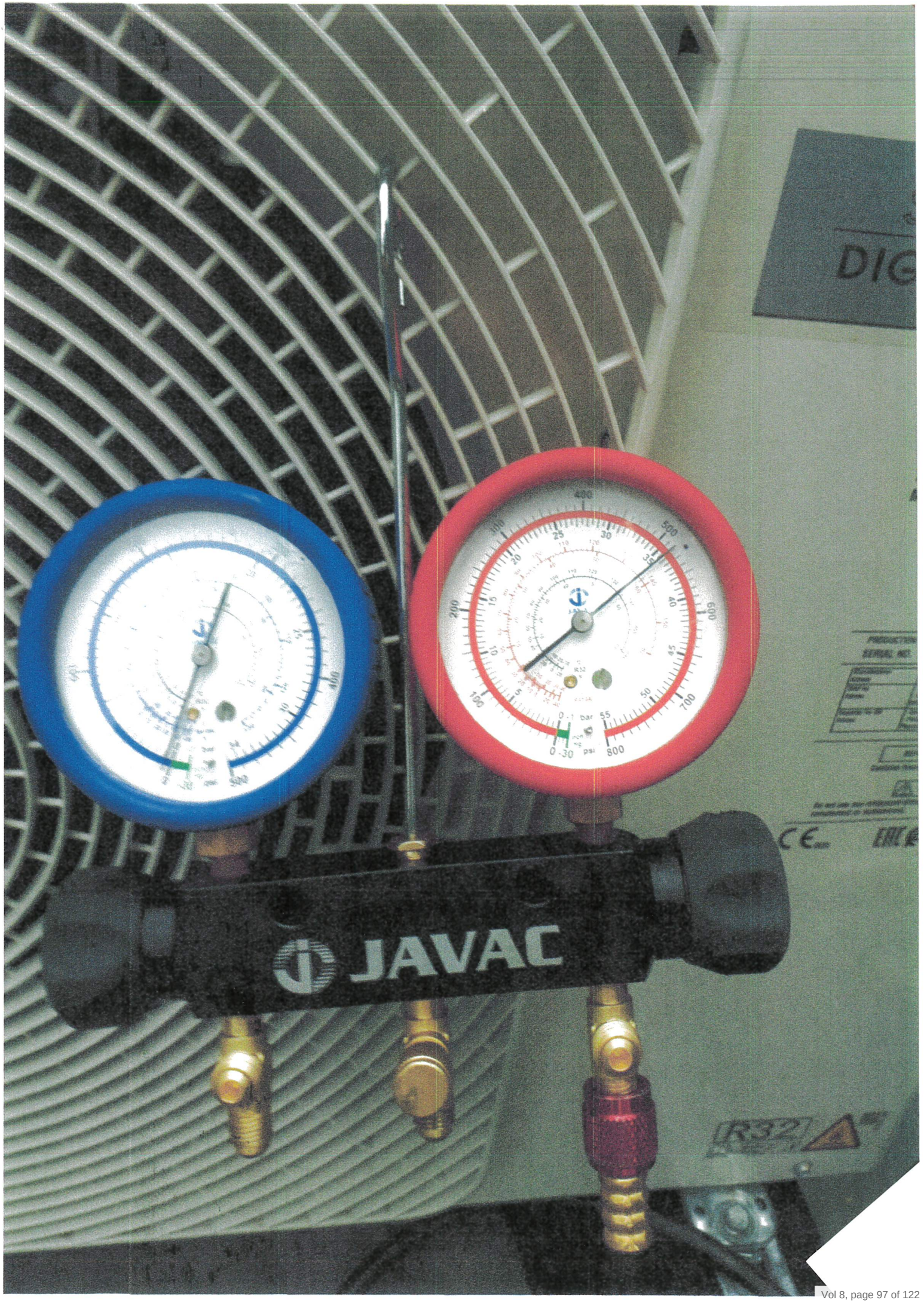
Test Carried Out By: VINCENT SWEENEY
Hensall Mechanical Services Operative
VSweeney

Witnessed By: G. KOSTUSIAK
Clients Authorised Signatory

Date: 10-03-2026

11.3.8


JAVAC
R32
R410A
bar
psi
0 -30
0 -1
800


JAVAC
R32

PRESSURE TEST CERTIFICATE

Roall Hall
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North Yorkshire
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HENSALL

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Project: WALNUTS LEISURE CENTRE	Project Ref: HEN 0203
Scheme:	Sheet No.

Identification of Equipment/System: LOWER FITNESS SUITE SYSTEM 1

Test Method	Medium	Pressure	Duration
PRESSURE TEST	NITROGEN (OFN)	35 BAR	15 HRS

Observations / Comments:

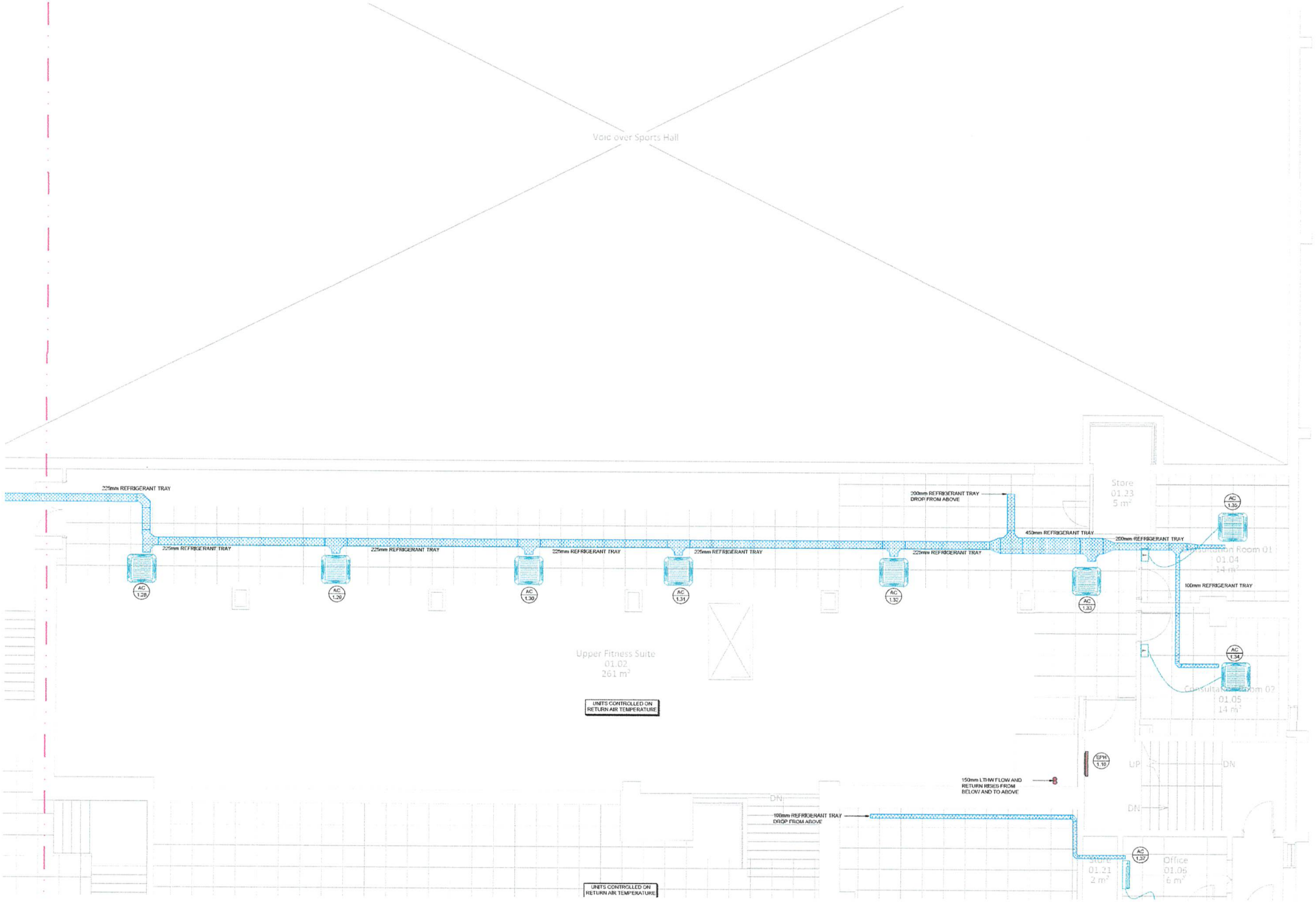
PRESSURE TESTED TO 35 BAR FOR 15 HRS, NO PRESSURE DROP DETECTED DURING TEST PERIOD

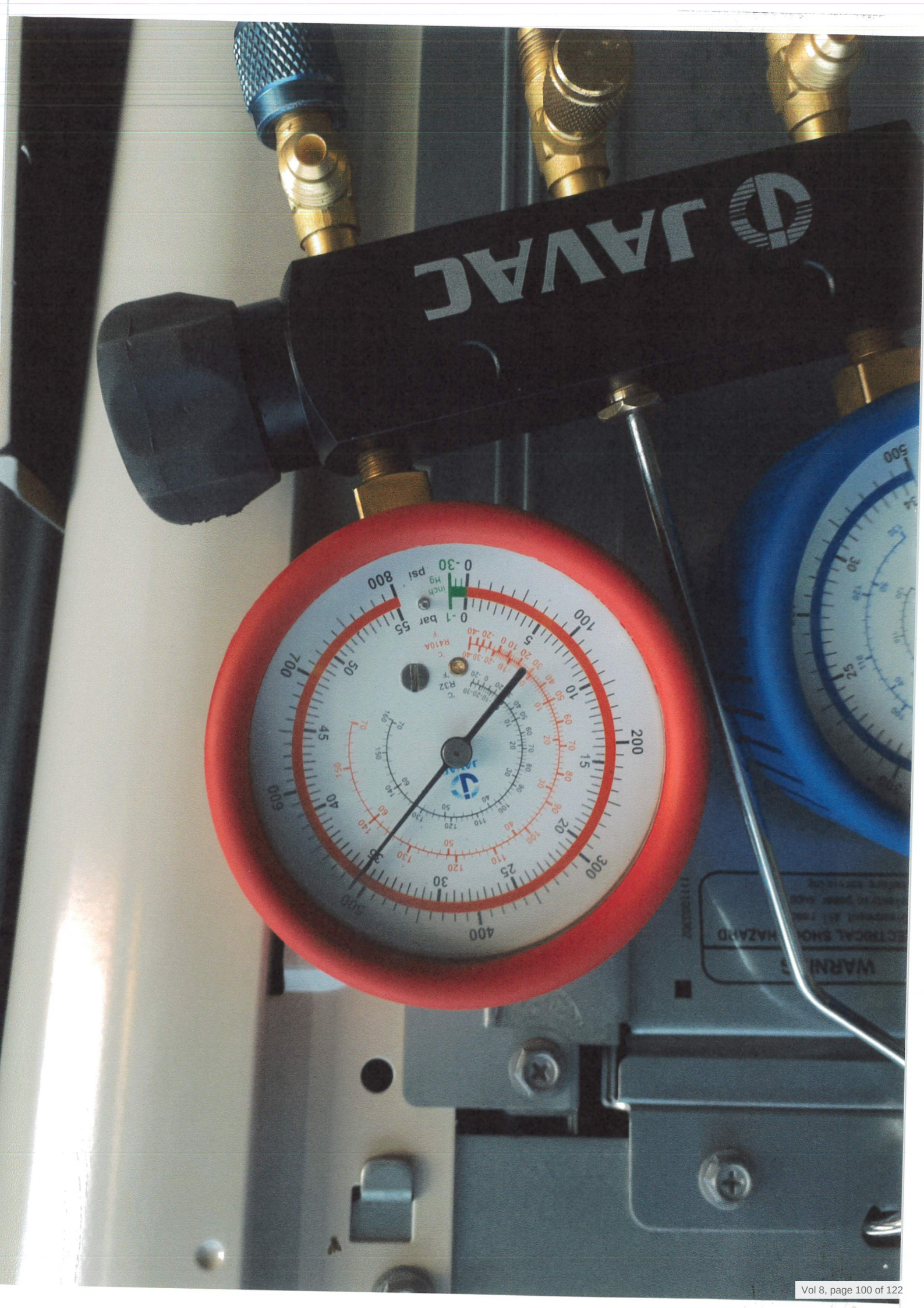
Test Carried Out By: VINCENT SWEENEY
Hensall Mechanical Services Operative
VSweeney

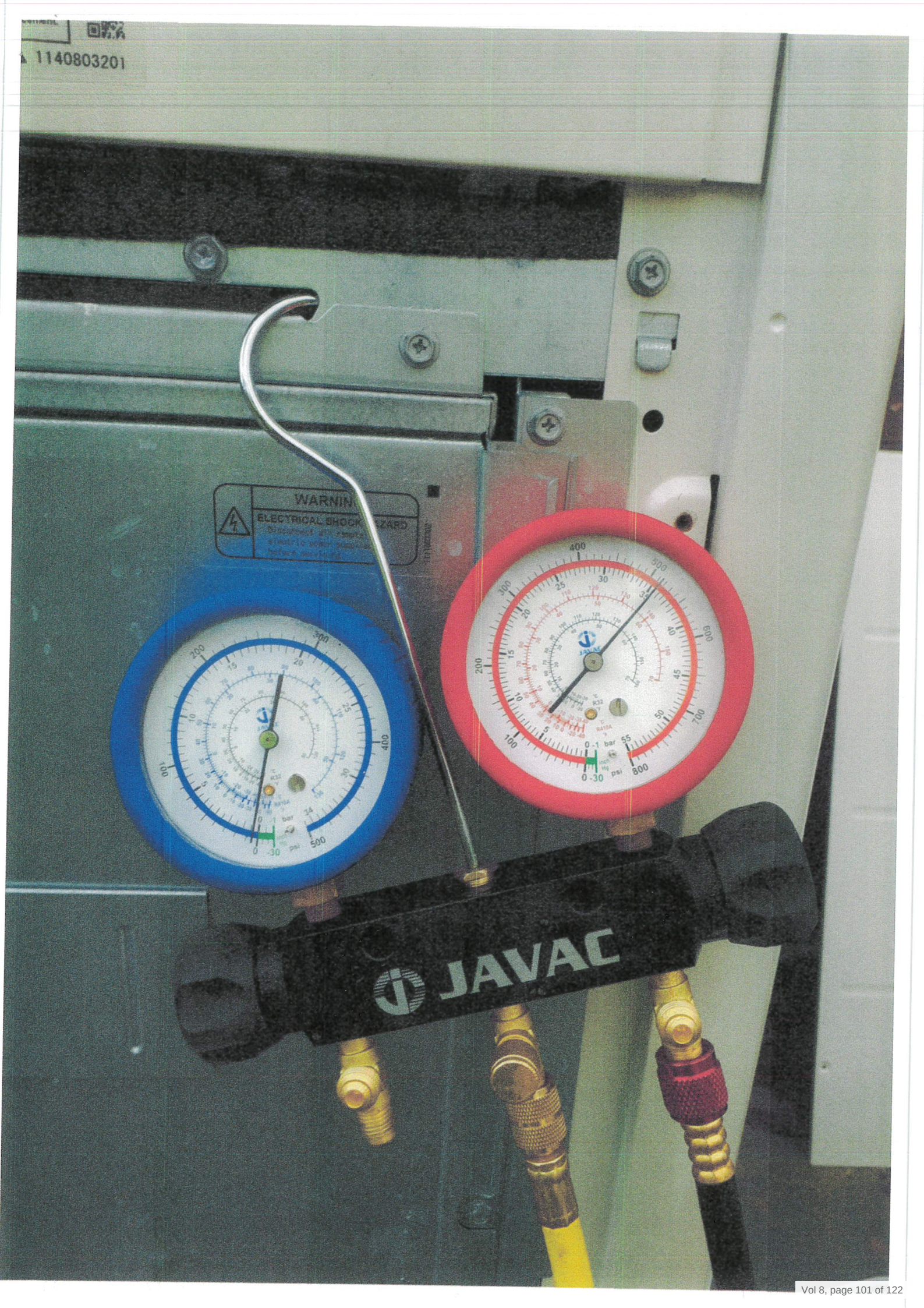
Witnessed By: G. KOSTUSIAK
Clients Authorised Signatory

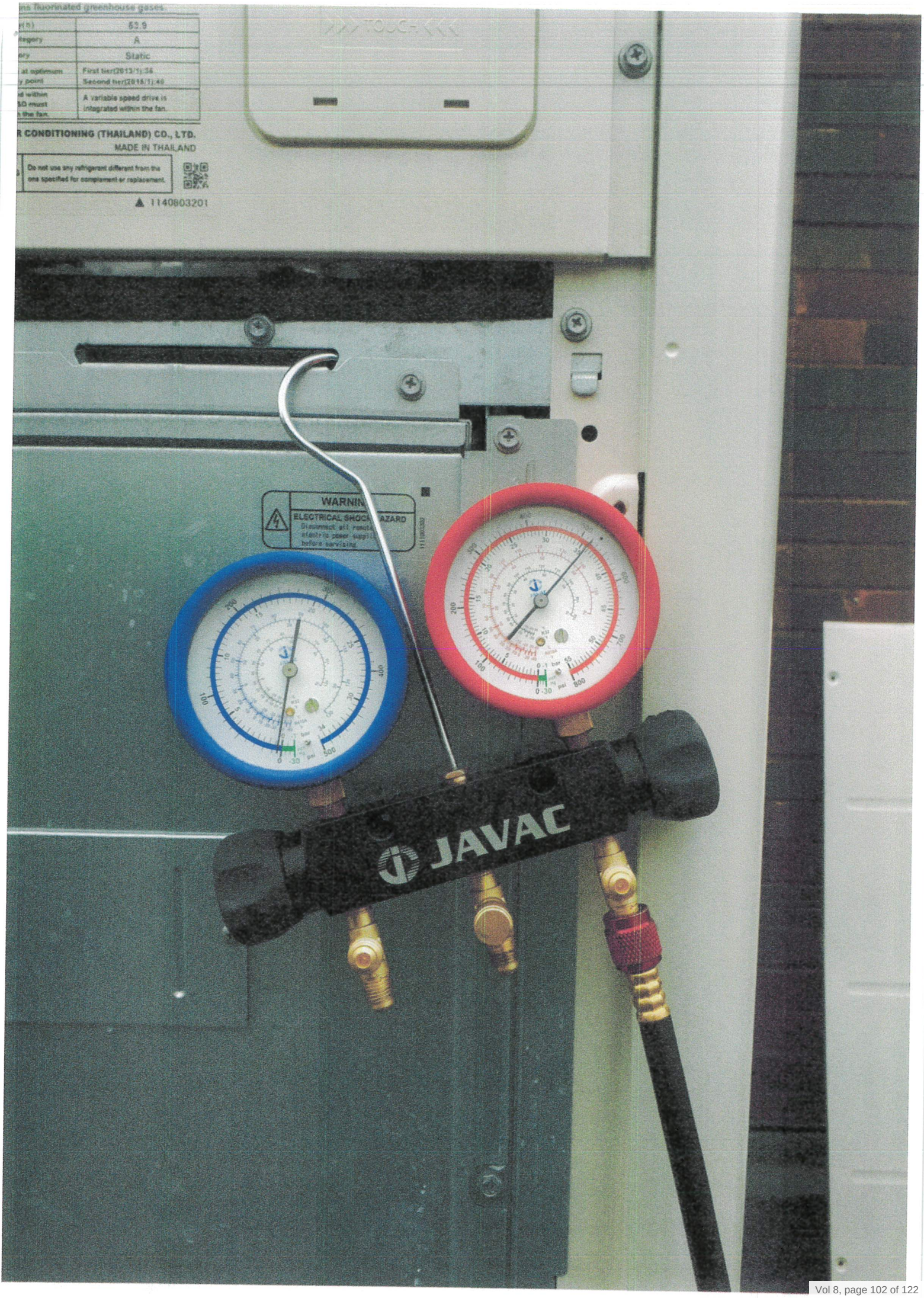
Date: 10-03-2026

11.3.8


Void over Sports Hall
225mm REFRIGERANT TRAY
225mm REFRIGERANT TRAY
225mm REFRIGERANT TRAY
225mm REFRIGERANT TRAY
225mm REFRIGERANT TRAY
225mm REFRIGERANT TRAY
200mm REFRIGERANT TRAY DROP FROM ABOVE
450mm REFRIGERANT TRAY
200mm REFRIGERANT TRAY
100mm REFRIGERANT TRAY
AC 1.28
AC 1.29
AC 1.30
AC 1.31
AC 1.32
AC 1.33
AC 1.34
AC 1.35
Store
01.23
5 m²
Consultation Room 01
01.04
14 m²
Consultation Room 02
01.05
14 m²
Upper Fitness Suite
01.02
261 m²
UNITS CONTROLLED ON RETURN AIR TEMPERATURE
UPH 1.10
UP
DN
DN
DN
150mm LTHW FLOW AND RETURN RISES FROM BELOW AND TO ABOVE
100mm REFRIGERANT TRAY DROP FROM ABOVE
AC 1.37
Office
01.06
6 m²
01.21
2 m²
UNITS CONTROLLED ON RETURN AIR TEMPERATURE


JAVAC
0 -30 inch Hg
0 -1 bar
psi
800
700
600
500
400
300
200
100
55
50
45
40
35
30
25
20
15
10
5
R410A
R32


1140803201
JAVAC


ns fluorinated greenhouse gases
53.9
A
Static
First tier(2013/1):34
Second tier(2018/1):49
A variable speed drive is integrated within the fan.
R CONDITIONING (THAILAND) CO., LTD.
MADE IN THAILAND
Do not use any refrigerant different from the one specified for compliment or replacement.
1140803201
WARNIN
ELECTRICAL SHOCK AZARD
JAVAC

PRESSURE TEST CERTIFICATE

Roall Hall
Roall Lane
Eggborough
North Yorkshire
DN14 0NY

HENSALL

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f 01977 662127
e admin@hensall.com
w www.hensall.com

Project: WALNUTS LEISURE CENTRE	Project Ref: HEN 0203
Scheme:	Sheet No.

Identification of Equipment/System: DANCE STUDIO

Test Method	Medium	Pressure	Duration
PRESSURE TEST	NITROGEN (OFN)	35 BAR	15 HRS

Observations / Comments:

PRESSURE TESTED TO 35 BAR FOR 15 HRS. NO PRESSURE DROP DETECTED DURING TEST PERIOD

Test Carried Out By: VINCENT SWEENEY
Hensall Mechanical Services Operative V Sweeney

Witnessed By: G. KOSTUSIAK
Clients Authorised Signatory

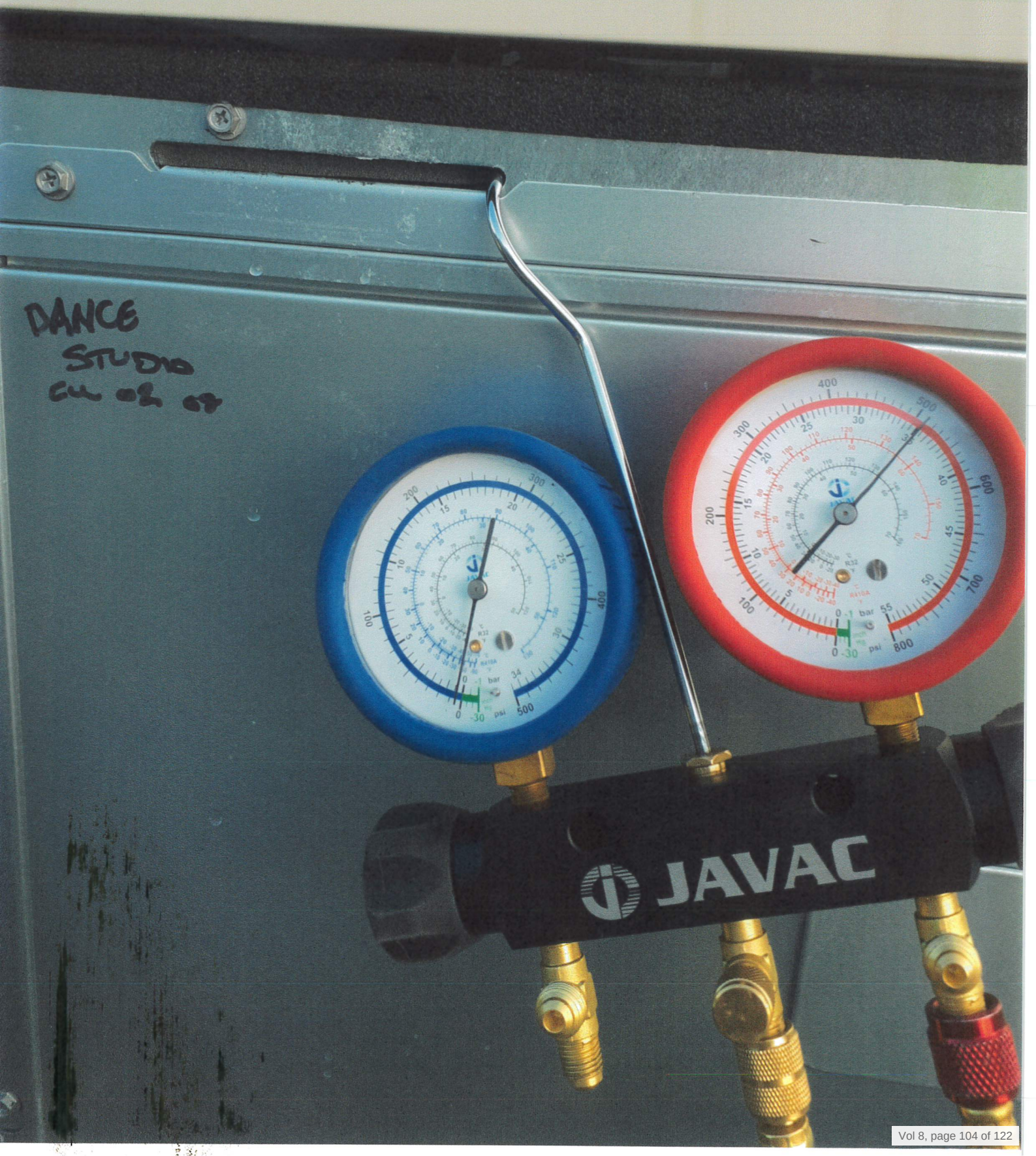
Date: 12-03-2026

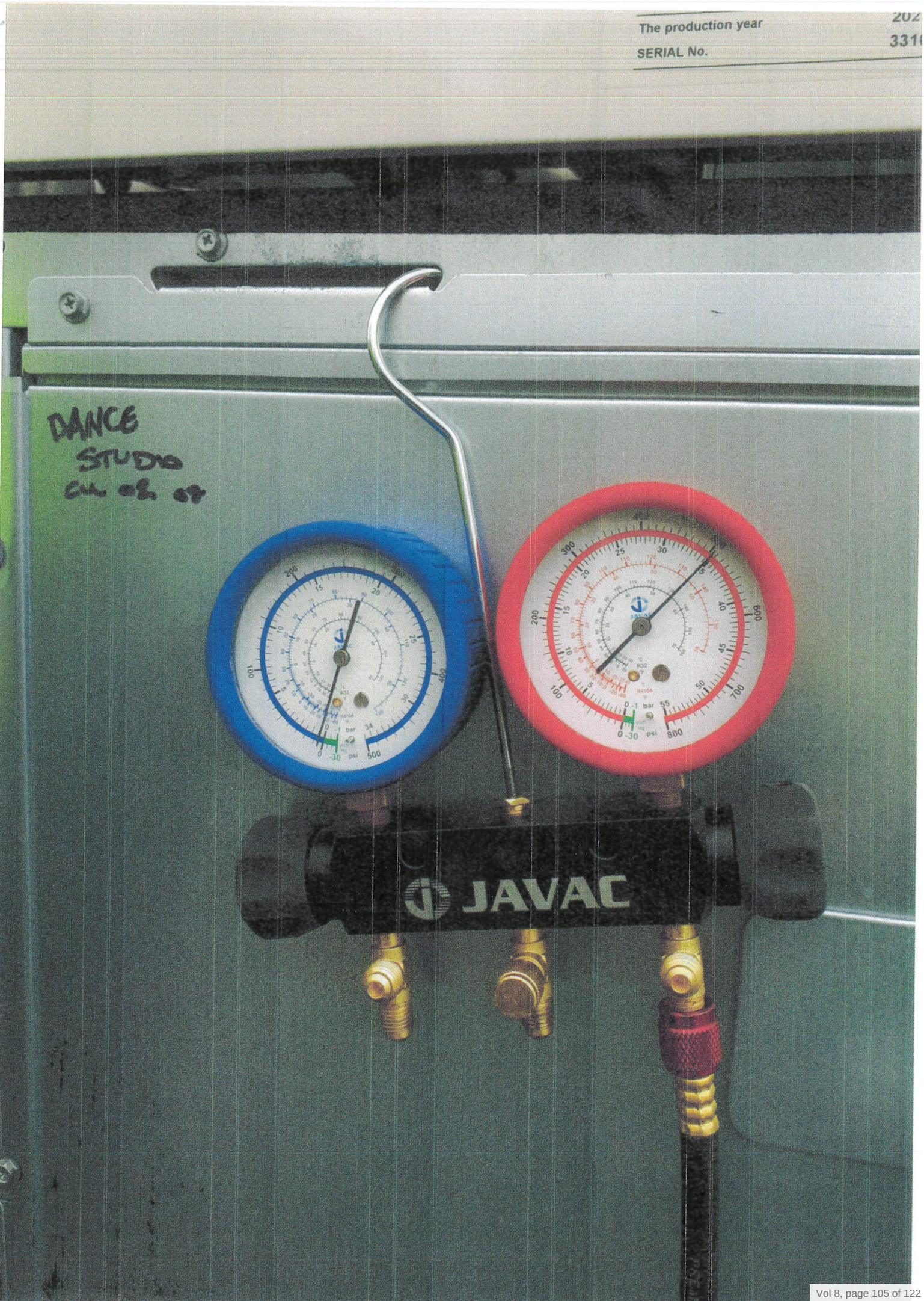
11.3.8

COOLING CAPACITY
AMP
WATT
HEATING CAPACITY
AMP
WATT
NET WEIGHT

The production year

SERIAL No.




The production year
202
SERIAL No.
331
DANCE
STUDIO
JAVAC

PRESSURE TEST CERTIFICATE

Roall Hall
Roall Lane
Eggborough
North Yorkshire
DN14 0NZ

HENSALL

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e admin@hensall.com
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Project: WALNUTS LEISURE CENTRE	Project Ref: HEN 0203
Scheme:	Sheet No.

Identification of Equipment/System: CONSULTATION ROOM 2 (UPPER FITNESS)

Test Method	Medium	Pressure	Duration
PRESSURE TEST	NITROGEN (OLN)	500 PSI	14 HRS

Observations / Comments:

PRESSURE TESTED TO 500PSI FOR 14HRS, NO PRESSURE DROP DETECTED DURING THE TEST PERIOD

Test Carried Out By: VINCENT SWEENEY
Hensall Mechanical Services Operative
V Sweeney

Witnessed By: G. Kostusiak
Clients Authorised Signatory

Date: 05-03-2026

11.3.8


CARRIER AIR CONDITIONING (THAILAND) CO., LTD.
MADE IN THAILAND
WARNING
Do not use any refrigerant different from the one specified for complement or replacement.
1141003308
JAVAC

PRESSURE TEST CERTIFICATE

Roall Hall
Roall Lane
Eggborough
North Yorkshire
DN14 0NY

HENSALL

t 01977 661318
f 01977 662127
e adm.n@hensall.com
w www.hensall.com

Project: WALNUTS LEISURE CENTRE	Project Ref: HEN 0203
Scheme:	Sheet No.

Identification of Equipment/System: CONSULTATION ROOM 1 (UPPER FITNESS)

Test Method	Medium	Pressure	Duration
PRESSURE TEST	NITROGEN (OFN)	500PSI	14 HRS

Observations / Comments:

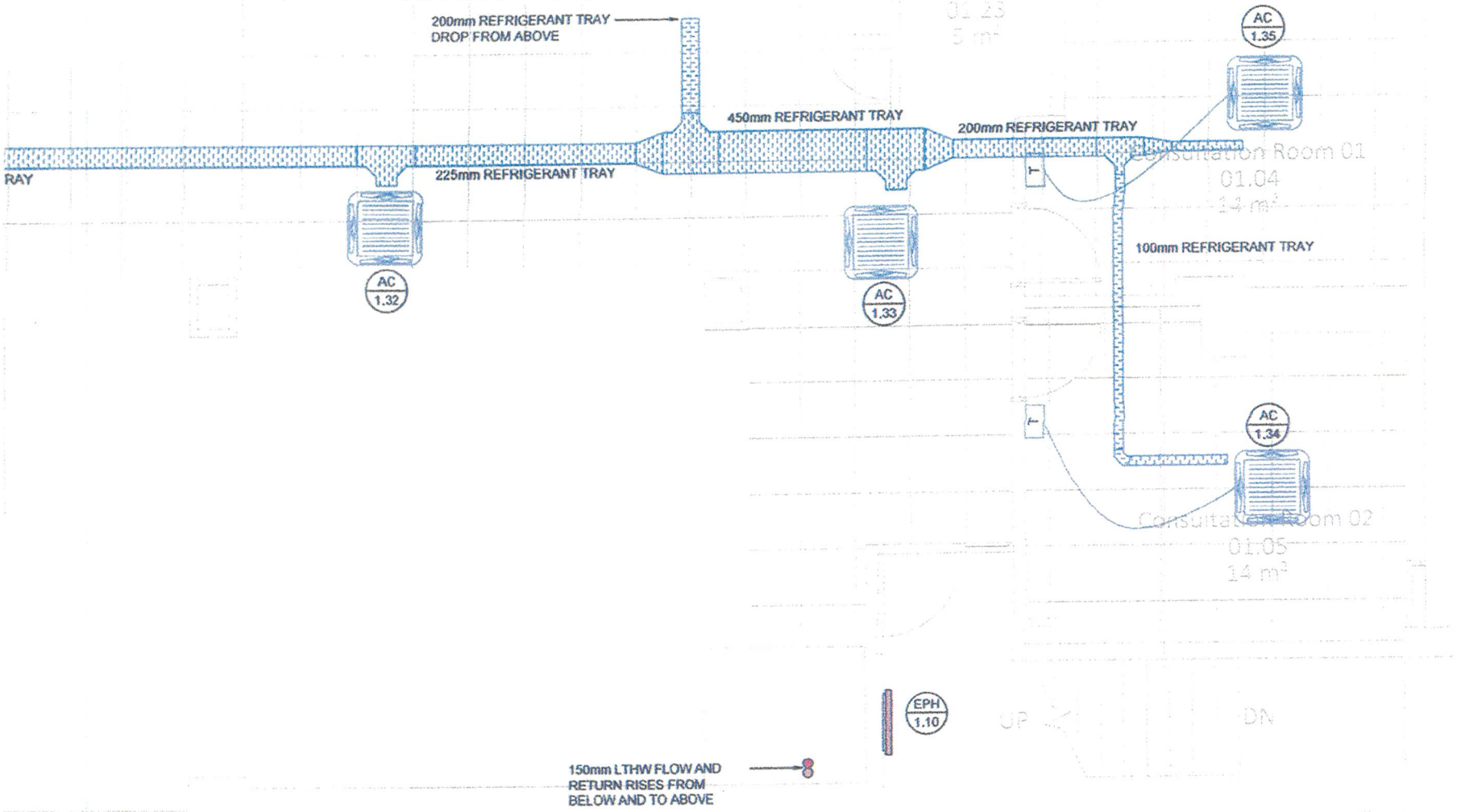
PRESSURE TESTED TO 500PSI FOR 14 HRS, NO PRESSURE DROP DETECTED DURING THE TEST PERIOD.

Test Carried Out By: VINCENT SWEENEY
Hensall Mechanical Services Operative V Sweeney

Witnessed By: G. KOSTUSIAK
Clients Authorised Signatory

Date: 05-03-2026

11.3.8


200mm REFRIGERANT TRAY
DROP FROM ABOVE
450mm REFRIGERANT TRAY
200mm REFRIGERANT TRAY
225mm REFRIGERANT TRAY
100mm REFRIGERANT TRAY
AC 1.32
AC 1.33
AC 1.34
AC 1.35
EPH 1.10
150mm LTHW FLOW AND
RETURN RISES FROM
BELOW AND TO ABOVE
Store
01.23
5 m²
Consultation Room 01
01.04
14 m²
Consultation Room 02
01.05
14 m²
UP
DN
DN

7.45

LTHW final pressure test pack

The following 12 pages are the document exactly as received and checked. It is bookmarked in the PDF.

Reference	
Asset	General
Provided by	Not recorded
Source file	`LTHW final pressure test pack.pdf`
Pages	12

PRESSURE TEST CERTIFICATE

Roall Hall
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North Yorkshire
DN14 0NY

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Project: WALNUTS LEISURE KVT 'RE	Project Ref: HEN 0203
Scheme:	Sheet No.

Identification of Equipment/System: POOL PLANTROOM PIPEWORK

Test Method	Medium	Pressure	Duration
PRESSURE TEST	AIR	1 BAR	1 HR

Observations / Comments:

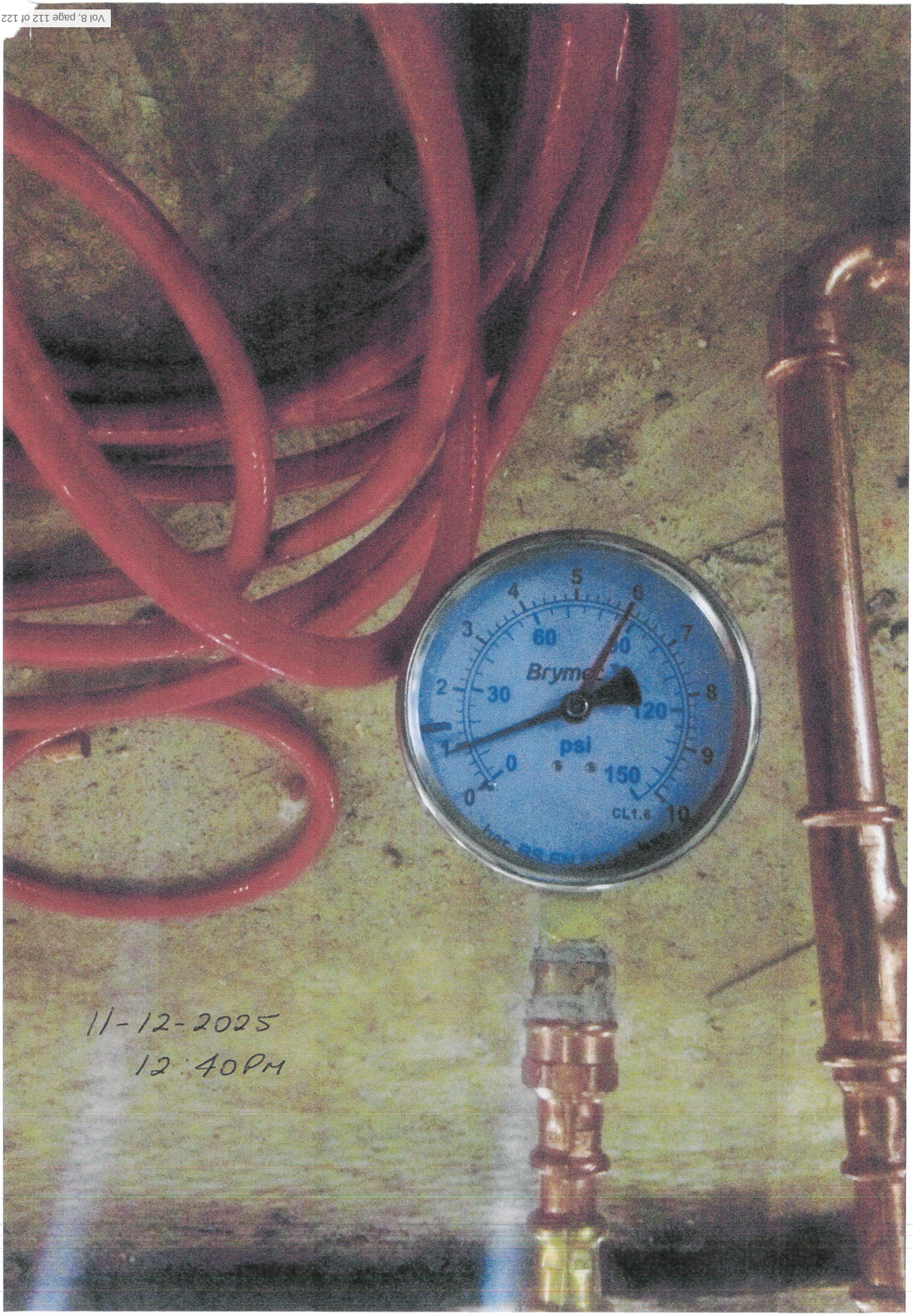
PRESSURE TESTED AT 1 BAR FOR 1 HR, NO PRESSURE DROP DETECTED DURING THE TEST PERIOD.

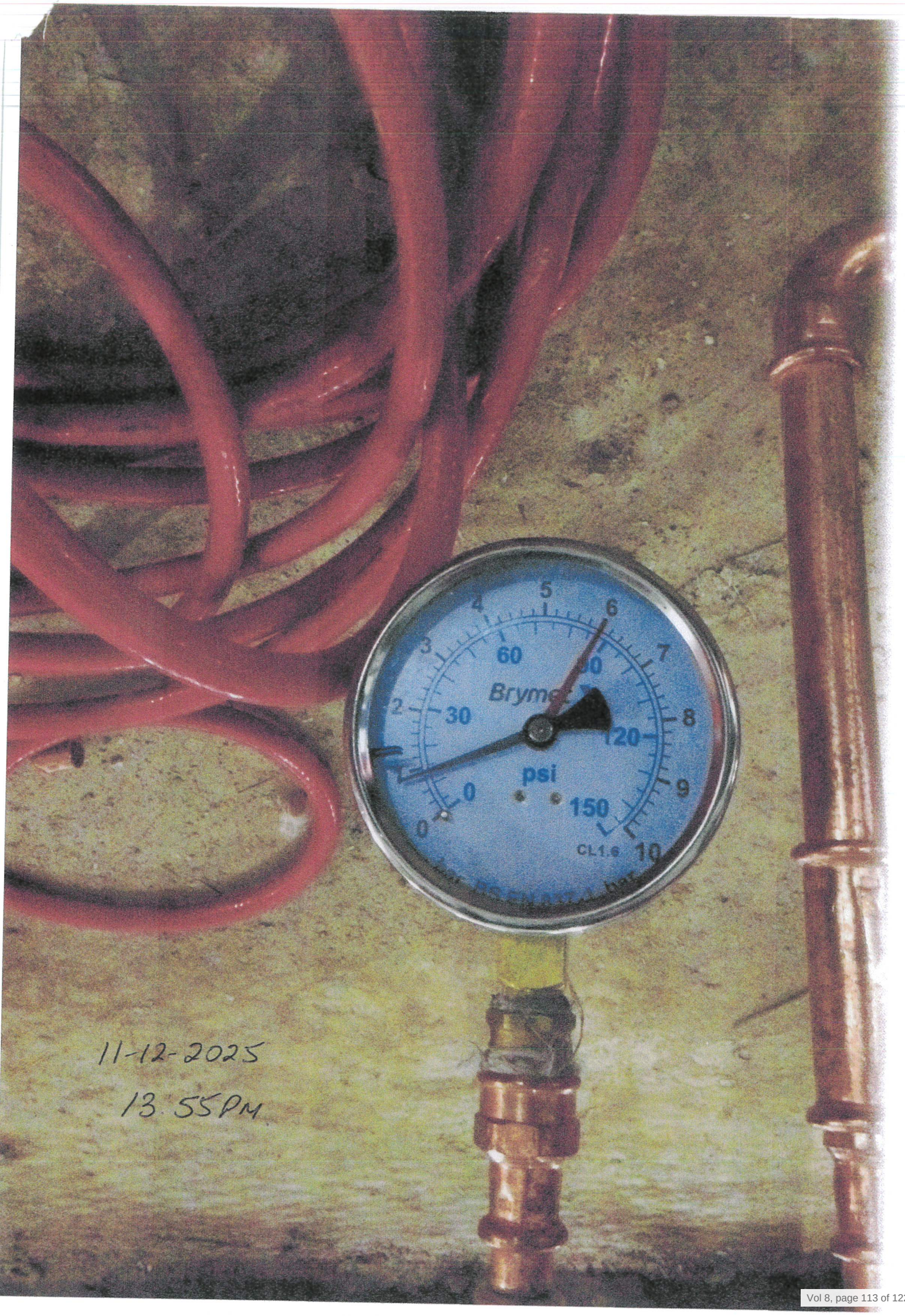
Test Carried Out By: VINCENT SWINNEY
Hensall Mechanical Services Operative

Witnessed By:
Clients Authorised Signatory

Date: 11-12-2025

11.3.8


Bryme
psi
CL1.6
11-12-2025
12:40PM


Bryme
psi
CL1.6
11-12-2025
13.55PM

PRESSURE TEST CERTIFICATE

Roall Hall
Roall Lane
Eggborough
North Yorkshire
DN14 0LY

HENSALL

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Project: ELMWOOD LEISURE CENTRE	Project Ref: HEN 0203
Scheme:	Sheet No.

Identification of Equipment/System: LTHW SYSTEM

Test Method	Medium	Pressure	Duration
PRESSURE TEST	AIR	1 BAR	2HRS

Observations / Comments:

PRESSURE TESTED AT 1 BAR FOR 2HRS, NO PRESSURE DROP DETECTED DURING TEST PERIOD.

Test Carried Out By: VINCENT SWINNEY
Hensall Mechanical Services Operative

V Swinney

Witnessed By:
Clients Authorised Signatory

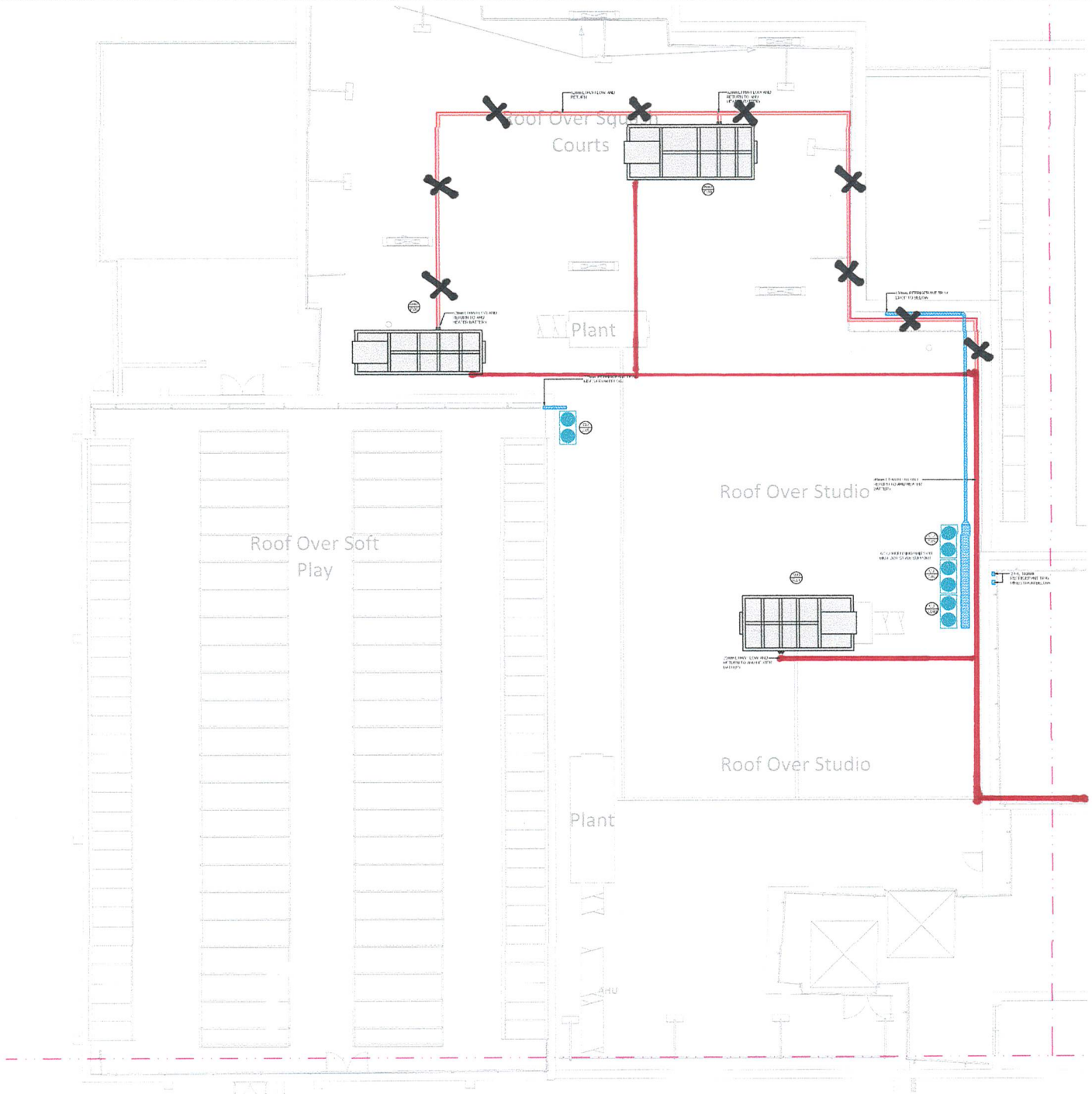
Terry Lewis

Date: 03-02-2026

11.3.8


0
1
2
3
4
5
6
7
8
9
10
30
20
psi
150
CL1.6
bar BS EN 837-1 bar

psi
bar BS EN 837-1



23031-GT3-00-02-DR-A-20-0004-P3

CONSTRUCTION

HENSALL

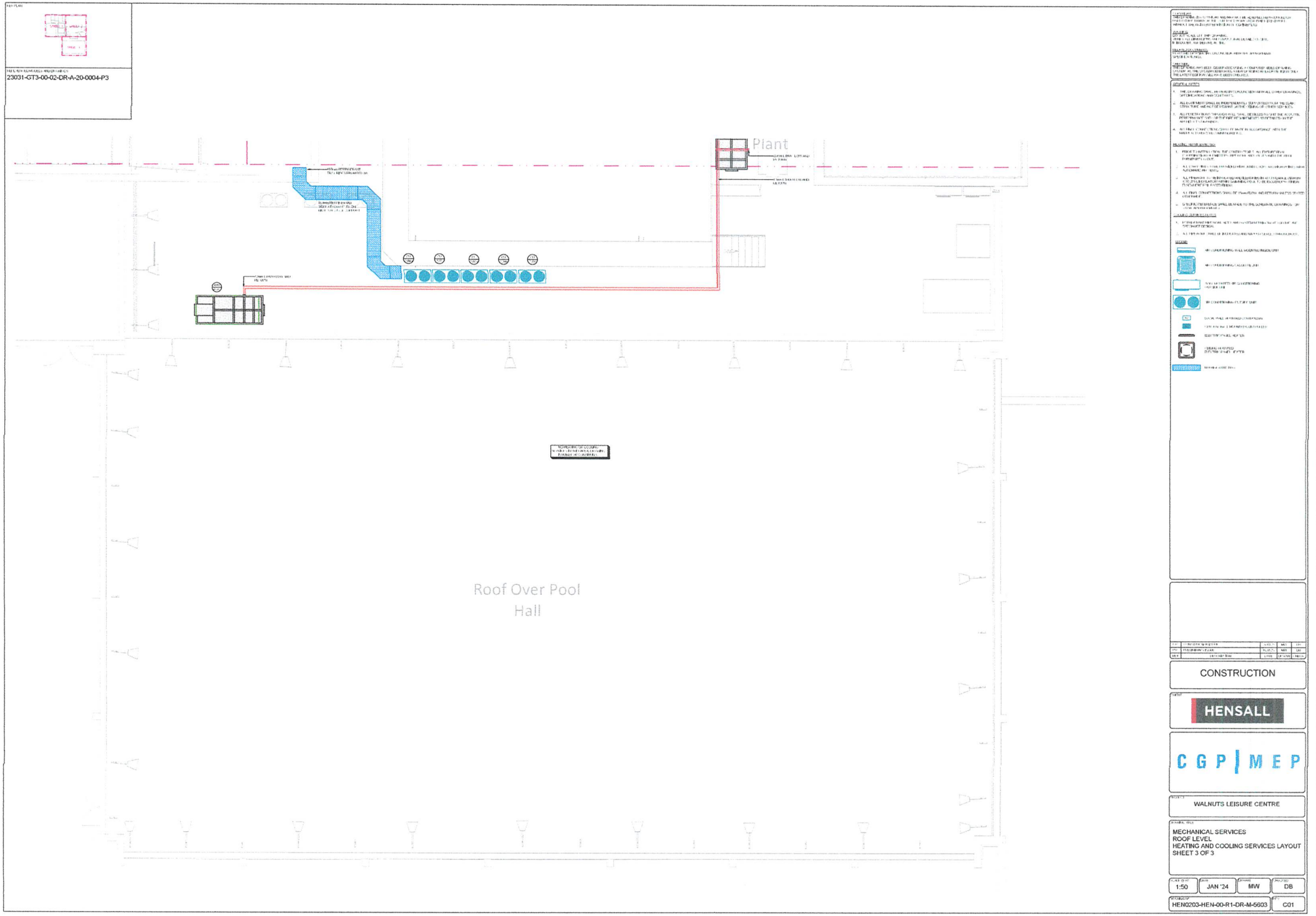
CGP MEP

WALNUTS LEISURE CENTRE

MECHANICAL SERVICES
ROOF LEVEL
HEATING AND COOLING SERVICES LAYOUT
SHEET 1 OF 3

SCALE @ A1	DATE	DRAWN	CHECKED
1:50	JAN '24	MW	DB

HEN0203-HEN-00-R1-DR-M-5601 C01



23031-GT3-00-02-DR-A-20-0004-P3

CONSTRUCTION

HENSALL

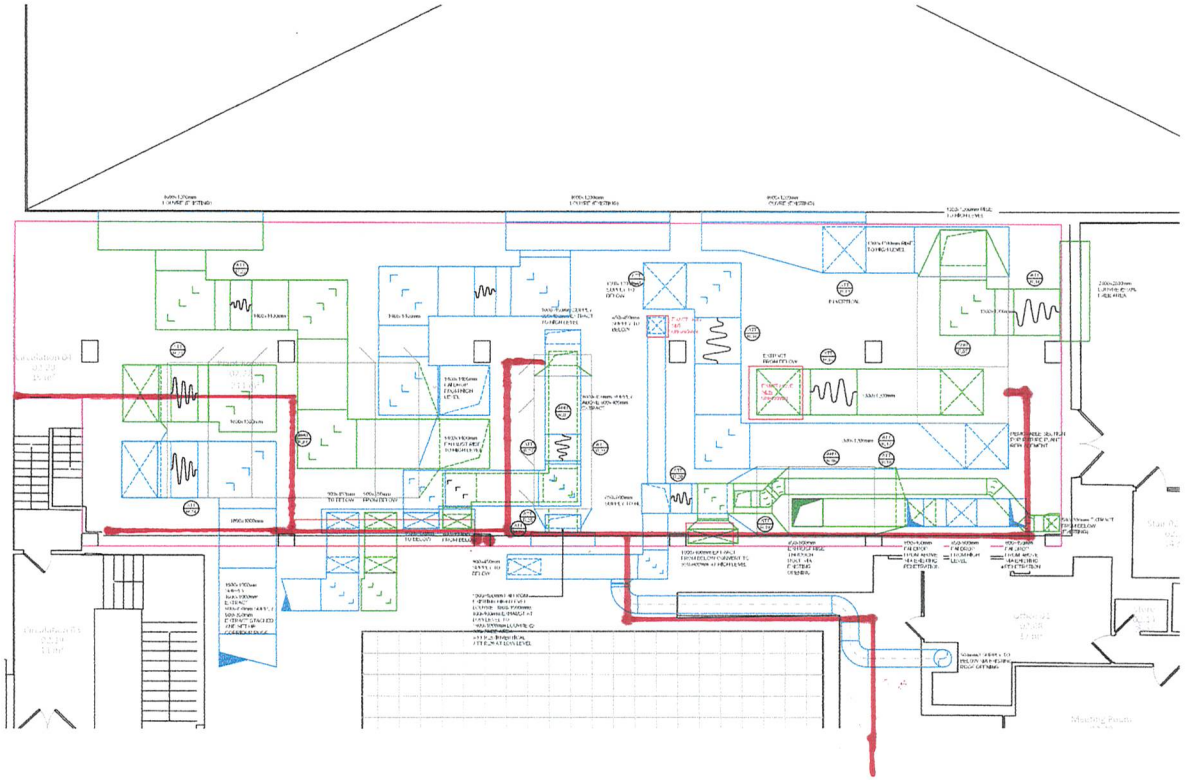
CGP | MEP

WALNUTS LEISURE CENTRE

MECHANICAL SERVICES
ROOF LEVEL
HEATING AND COOLING SERVICES LAYOUT
SHEET 3 OF 3

SCALE @ A1	DATE	DRAWN	CHECKED
1:50	JAN '24	MW	DB

HEN0203-HEN-00-R1-DR-M-5603 | C01



CONSTRUCTION

HENSALL

CGP | MEP

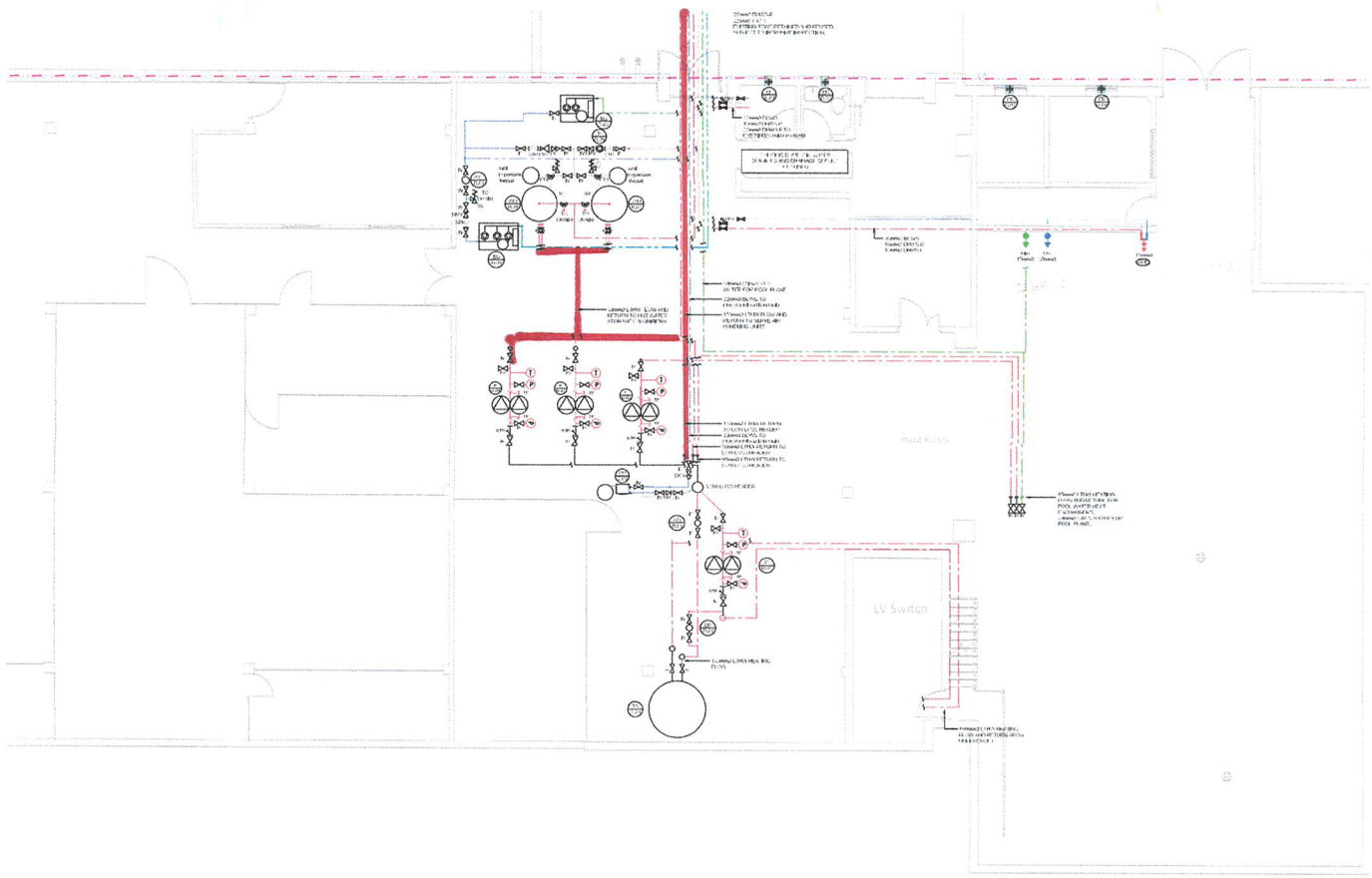
WALNUTS LEISURE CENTRE

MECHANICAL SERVICES
ROOF LEVEL
VENTILATION SERVICES LAYOUT
SHEET 4 OF 4

SCALE @ A1	DATE	DRAWN	CHECKED
1:50	FEB '24	MW	DB

DRAWING NO	REV
HEN0203-HEN-00-R1-DR-M-5704	C01

23031-GT3-00-02-DR-A-20-0004-P1



23031-GT3-00-00-DR-A-20-0003-P5

THE DESIGN HAS BEEN DEVELOPED BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN AND IS SUBJECT TO CHANGE FOLLOWING THE STRIPOUT AND EXPOSURE OF STRUCTURE WHICH IS CURRENTLY UNKNOWN

CONTRACTORS PROPOSALS

WALNUTS LEISURE CENTRE

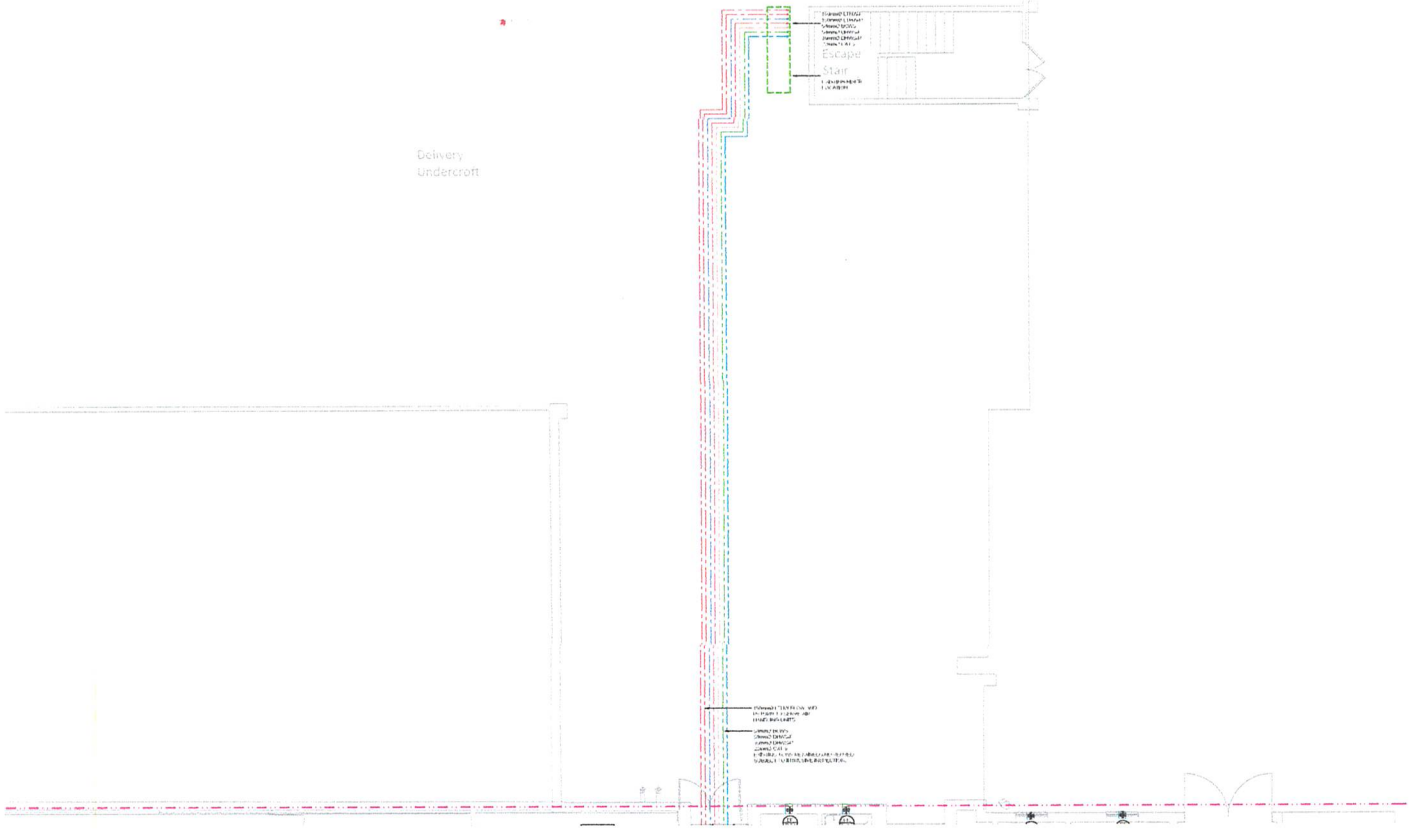
MECHANICAL SERVICES
LOWER BASEMEMENT
COMBINED SERVICES LAYOUT
SHEET 1 OF 2

SCALE @ A1	DATE	DRAWN	CHECKED
1:50	FEB '24	IJS	DDP

14984-CGP-00-B2-DR-M-5901 | CP01



REFERENCED ARCHITECTURAL DRAWINGS
23031-GT3-00-00-DR-A-20-0003-P5



THE DESIGN HAS BEEN DEVELOPED BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN AND IS SUBJECT TO CHANGE FOLLOWING THE STRIPOUT AND EXPOSURE OF STRUCTURE WHICH IS CURRENTLY UNKNOWN

CONTRACTORS PROPOSALS

CGP MEP

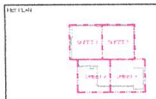
WALNUTS LEISURE CENTRE

MECHANICAL SERVICES
LOWER BASEMENT
COMBINED SERVICES LAYOUT
SHEET 2 OF 2

SCALE @ A1	DATE	DRAWN	CHECKED
1:50	FEB '24	IJS	DDP

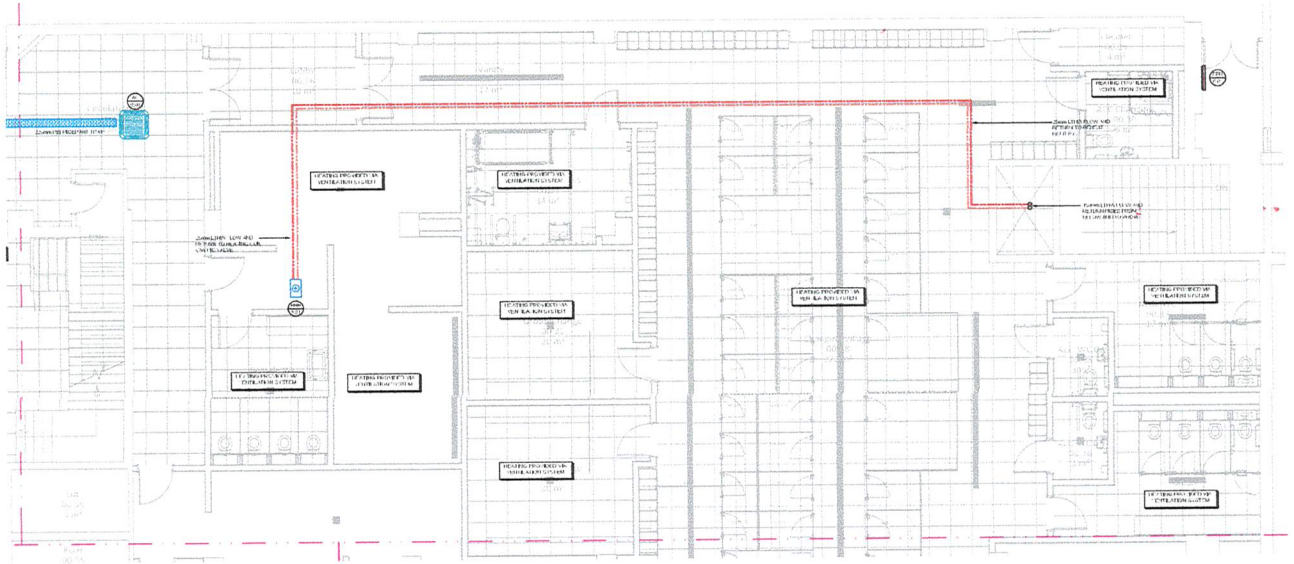
DRAWING NO	REV
14984-CGP-00-B2-DR-M-5902	CP01

KEY PLAN



DRAWING NUMBER
23031-GT3-00-00-DR-A-20-0003-P5

HEATING PROVIDED VIA VENTILATION SYSTEM



GENERAL NOTES

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SPECIFICATIONS AND CONTRACTS.
2. ALL DIMENSIONS SHALL BE CHECKED ON SITE. DO NOT SCALE FROM THE DRAWING. ANY DISCREPANCIES ARE TO BE REPORTED TO THE CONSULTANTS BEFORE WORK COMMENCES.
3. ALL PENETRATIONS THROUGH WALL SHALL BE FILLED TO MAINTAIN THE ACOUSTIC PERFORMANCE AND FIRE RESISTANCE OF THE WALL AS SPECIFIED ON THE ARCHITECTURAL DRAWINGS.
4. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF THE BUILDING REGULATIONS.

PLUMBING WATER NOTES (UK)

1. PRIOR TO LAYING OF PIPES THE CONTRACTOR SHALL ENSURE THAT ALL PIPEWORK IS CLEAN AND FREE OF DEBRIS, SWARF, SAND AND OTHER FOREIGN MATERIALS.
2. ALL PIPEWORK SHALL BE INSULATED WITH APPROVED INSULATION MATERIAL TO PREVENT CONDENSATION AND HEAT LOSS.
3. ALL PIPEWORK TO BE RUN AS CLOSE AS POSSIBLE TO WALLS, CEILINGS AND FLOORS SO AS NOT TO OBSTRUCT ACCESS, LIGHT OR VENTILATION AND SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE TO ALLOW REMOVAL OF INSULATION FOR MAINTENANCE PURPOSES.
4. ALL PIPE CONNECTIONS SHALL BE MADE FLOW AND RETURN AS SHOWN ON THE CONTRACT DRAWINGS.
5. ALL PIPEWORK SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.

HEATING SYSTEM NOTES (UK)

1. FOR CLOSED HEATING SYSTEMS, THE SYSTEM VOLUME SHALL BE CALCULATED AND THE EXPANSION VESSEL SIZED ACCORDINGLY.
2. ALL PIPEWORK SHALL BE PRESSURE TESTED AND FLUSHED IN ACCORDANCE WITH BS EN 14336.

LEGEND

- AIR CONDITIONING WALL MOUNTED INDOOR UNIT
- AIR CONDITIONING CASSETTE UNIT
- WALL MOUNTED AIR CONDITIONING OUTDOOR UNIT
- AIR CONDITIONING CONDENSER UNIT
- LOCAL WALL MOUNTED CONTROLLER
- CENTRALISED AIR CONDITIONING CONTROLLER
- ELECTRIC PANEL HEATER
- EXTRACT GRILLE WITH FILTER AND BACK BOX
- HEATING FLOW PIPE
- CONDENSATE DRAIN
- REFRIGERANT PIPEWORK

No	Description	Date	By
P01	FOR INFORMATION	15.01.24	MW
P02	FOR PLANNING	16.01.24	MW
P03	ISSUED FOR TENDER	18.01.24	MW

CONSTRUCTION

HENSALL

CGP | MEP

WALNUTS LEISURE CENTRE

MECHANICAL SERVICES
GROUND FLOOR
HEATING AND COOLING SERVICES
SHEET 2 OF 4

SCALE @ A1	DATE	DRAWN	PROJECT
1:50	JAN '24	MW	DB

DRAWING NO. HEN0203-HEN-00-00-DR-M-5602

REV. C01