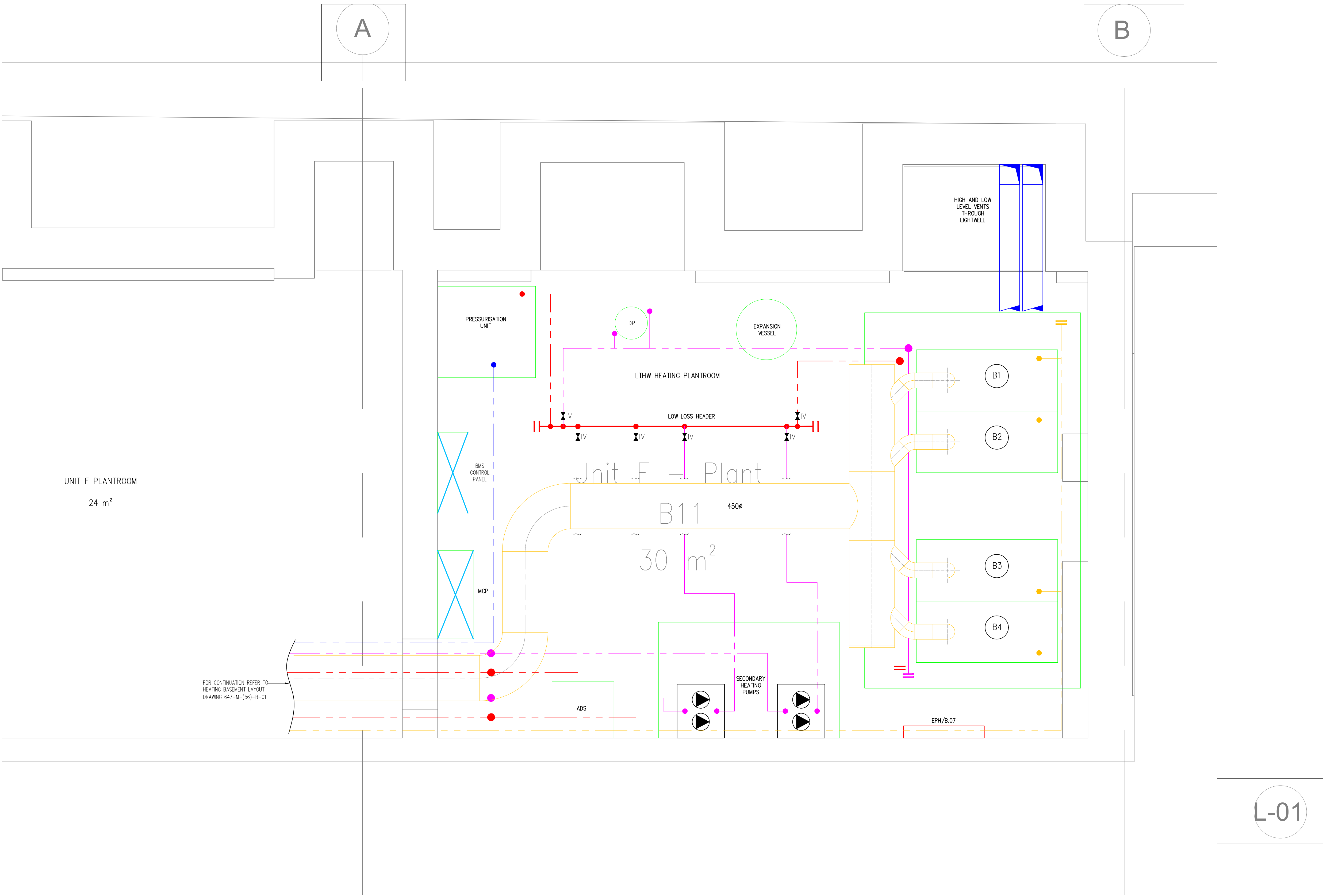




- NOTES:
- DO NOT SCALE FROM THIS DRAWING
 - ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORKS
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES.
 - ANY PENETRATION THROUGH FLOOR, SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT.
 - ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- HEATING INSTALLATION
- VALVE ARRANGEMENTS SHOWN ON THE SCHEMATICS SHALL TAKE PRECEDENCE OVER ANY VALVE ARRANGEMENTS SHOWN ON THE (56) SERIES LAYOUT DRAWINGS.
 - EACH BOILER SHALL BE SUPPLIED WITH A SAFETY VALVE
 - THE DISCHARGE FROM ALL SAFETY AND RELIEF VALVES SHALL DISCHARGE TO DRAIN VIA A TUNDSH WITH A VISIBLE AIR GAP LOCATED IN A SAFE AND CONSPICUOUS LOCATION.
 - ALL HEATING PIPEWORK SHALL BE COPPER TABLE X.
 - ALL PIPES THROUGH WALLS, FLOORS & CEILINGS TO BE SLEEVED & FITTED WITH PIPE COVERS.
 - FIRE STOPPING IS TO BE PROVIDED AT ALL INSTANCES WHERE PIPEWORK PASSES THROUGH A FIRE COMPARTMENT.
 - MECHANICAL CONTRACTOR TO INCLUDE FOR FILLING, VENTING & BALANCING OF PROPOSED SERVICES AND PRESSURE TESTING OF ALL PIPEWORK.
 - THE BOILER FLUE IS TO BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - ALL PIPEWORK IN VOIDS / BOXING ETC NOT PROVIDING USEFUL HEAT TO BE INSULATED IN ACCORDANCE WITH THE MECHANICAL PARTICULAR SPECIFICATION.
 - FLUES ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, THE CLEAN AIR ACT MEMORANDUM ON CHIMNEY HEIGHTS, THE BUILDING REGULATIONS PART J AND ICE/UP/10.
 - THE BOILER FLUES SHALL BE COMPLETE WITH ACCESS PANELS IN RISERS AND CEILING VOIDS AT 5m INTERVALS AND AT EVERY JOINT, RECOMMENDED MANUFACTURER: ACCESS PANEL COMPANY LTD AND THEIR 'GAS FLUE INSPECTION PANEL'.
WWW.ACCESSPANELS.CO.UK

- ABBREVIATIONS
- DFA - DROP FROM ABOVE
RTA - RISE TO ABOVE
RFB - RISE FROM BELOW
RTHL - RISE TO HIGH LEVEL
DTLL - DROP TO LOW LEVEL
DFCV - DROP FROM CEILING VOID
HTC - HEATING
MCWS - MAINS COLD WATER SERVICE
F&R - FEED & RETURN
H/L - HIGH LEVEL
L/L - LOW LEVEL
C/V - CEILING VOID
F/V - FLOOR VOID

FOR COMMENT
NOT FOR SITE USE

11.04.22	BUILDING LAYOUT UPDATED	T4	LM	RG
07.02.22	BUILDING LAYOUT UPDATED	T3	LM	AF
02.06.21	TENDER ISSUE	T2	IB	AF
21.05.21	TENDER ISSUE	T1	IB	AF
Date	Description	Rev	Dm	Ckd
Revision Description				

CONSOLUX
CONSOLUX M&E CONSULTING LTD.
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS

London Office
35 Piccadilly
London W1J 0DW
Tel: +44 (0)207 734 3030
Fax: +44 (0)207 617 7385

Liverpool Office
The Cotton Exchange
Liverpool L3 9JR
Tel: +44 (0)151 708 9469
Fax: +44 (0)151 709 7196

mail@consolux.co.uk www.consolux.co.uk

Project:
LONDON ROAD FIRE STATION
FIRE STATION, LONDON ROAD,
MANCHESTER, M1

Drawing Title:
MECHANICAL SERVICES
LTHW HEATING
PLANTROOM LAYOUT

Date:	Design By:	Drawn By:	Scale:
APRIL 21	A.F.	IGB	1:50

Issue Status:
TENDER

Drawing Number: 647-M-(50)-B1-02	Rev: T4
-------------------------------------	------------

XREF Updated on: 04.11.21

NOTE: This drawing is the copyright of Consolux M&E Consulting Limited and may not be used without its prior written consent. Written dimensions to be taken in preference to scaled dimensions. Do not scale these drawings.