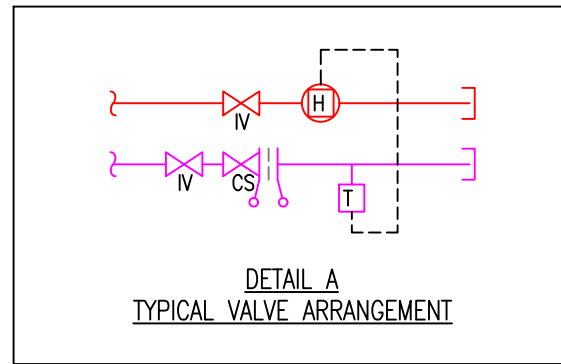
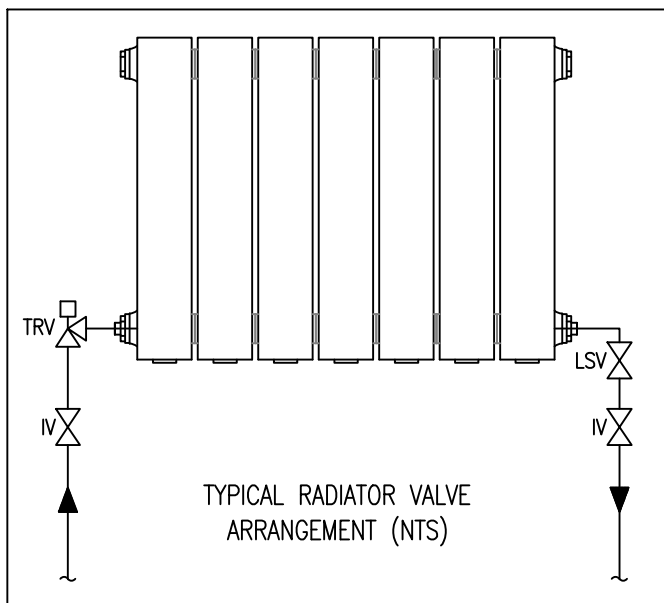
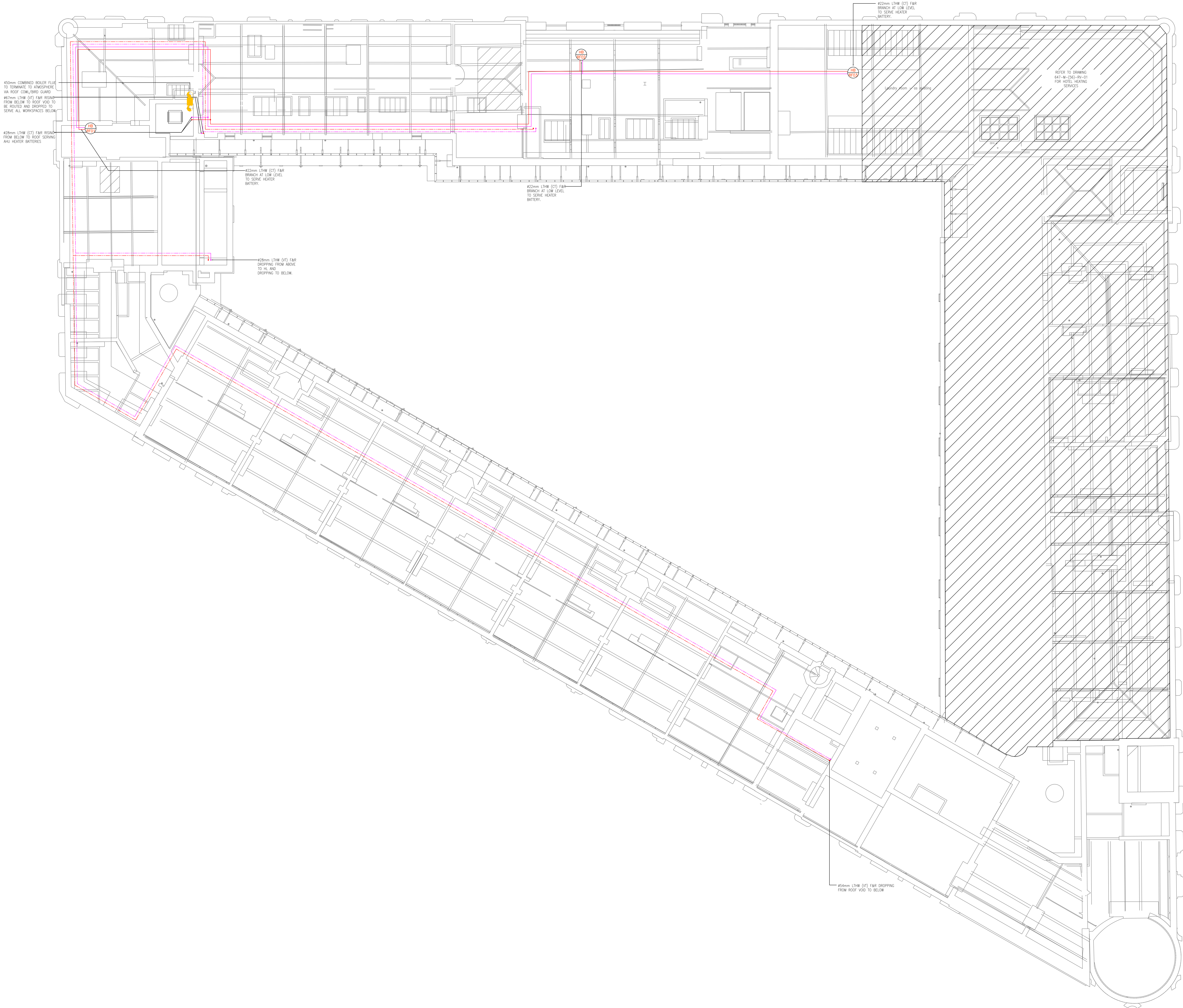




- NOTES**
1. DO NOT SCALE FROM THIS DRAWING.
 2. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORKS.
 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES.
 4. ANY PENETRATION THROUGH FLOOR, SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT.
 5. ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- HEATING INSTALLATION:**
1. VALVE ARRANGEMENTS SHOWN ON THE SCHEDULES SHALL TAKE PRECEDENCE OVER ANY VALVE ARRANGEMENTS SHOWN ON THE (S4) SERIES LAYOUT DRAWINGS.
 2. EACH BOILER SHALL BE SUPPLIED WITH A SAFETY VALVE.
 3. THE DISCHARGE FROM ALL SAFETY AND RELIEF VALVES SHALL DISCHARGE TO DRAIN VIA A TANKISH WITH A WASTE AIR GAP LOCATED IN A SAFE AND CONSPICUOUS LOCATION.
 4. ALL HEATING PIPEWORK SHALL BE COPPER TABLE X.
 5. ALL PRESS THROUGH WALLS, FLOORS & CEILINGS TO BE SLEEVED & FITTED WITH PIPE COVERS.
 6. FIRE STOPPING IS TO BE PROVIDED AT ALL INSTANCES WHERE PIPEWORK PASSES THROUGH A FIRE COMPARTMENT.
 7. MECHANICAL CONTRACTOR TO INCLUDE FOR FILLING, VENTING & BALANCING OF PROPOSED SERVICES AND PRESSURE TESTING OF ALL PIPEWORK.
 8. THE BOILER FLUE IS TO BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 9. ALL PIPEWORK IN ROOFS / ROADS ETC NOT PROVIDING USEFUL HEAT TO BE INSULATED IN ACCORDANCE WITH THE MECHANICAL PARTICULAR SPECIFICATION.
 10. FLUES ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, THE CLEAN AIR ACT WORKSHEDOWN ON CHIMNEY HEIGHTS, THE BUILDING REGULATIONS PART J AND G3/AS P10.
 11. THE BOILER FLUES SHALL BE COMPLETE WITH ACCESS PANELS IN RISERS AND H/S AT 5M INTERVALS AND AT EVERY JOINT. RECOMMENDED MANUFACTURER: ACCESS PANEL COMPANY LTD AND THEIR 'GAS FLUE INSPECTION PANEL'.
- ABBREVIATIONS**
- DFA - DROP FROM ABOVE
RTA - RISE TO ABOVE
RFB - RISE FROM BELOW
RTHL - RISE TO HIGH LEVEL
DTHL - DROP TO LOW LEVEL
DTHL - DROP FROM HL
HTG - HEATING
MCWS - MAINS COLD WATER SERVICE
FAR - FEED & RETURN
H/L - HIGH LEVEL
L/L - LOW LEVEL
C/V - C/V
F/V - FLOOR VOID

NOTE:
HEATING AND COOLING SYSTEMS SERVING WORKSPACE AREAS ARE CURRENTLY UNDER REVIEW AND SHALL BE CONFIRMED AT THE NEXT ISSUE OF DESIGN.

**FOR COMMENT
NOT FOR SITE USE**

11.04.22	TENDER ISSUE	TS	MM	AF
07.02.22	TENDER ISSUE	TS	MM	AF
24.11.21	BUILDING LAYOUT UPDATED LTHW ADDED TO SLAB	TS	MM	AF
04.04.21	TENDER ISSUE	TS	MM	AF
02.04.21	TENDER ISSUE	TS	MM	AF
21.02.21	TENDER ISSUE	TS	MM	AF
21.02.21	TENDER ISSUE	TS	MM	AF
21.02.21	TENDER ISSUE	TS	MM	AF

Revision Description

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

London Office
25 Broadway
London W1J 0DW
Tel: +44 (0)207 724 3030
Fax: +44 (0)207 617 7385
mail@consolux.co.uk

Liverpool Office
The Cotton Exchange
Liverpool L3 9JR
Tel: +44 (0)151 708 9469
Fax: +44 (0)151 708 7789
www.consolux.co.uk

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

Drawing Title
**MECHANICAL SERVICES
ROOF VOID
LTHW & HEATING LAYOUT**

Date: APR 21 Design By: GT Drawn By: KDC Scale: 1:100

Issue Status
TENDER

Drawing Number:
647-M-[56]-RV-01

Rev
T6

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.