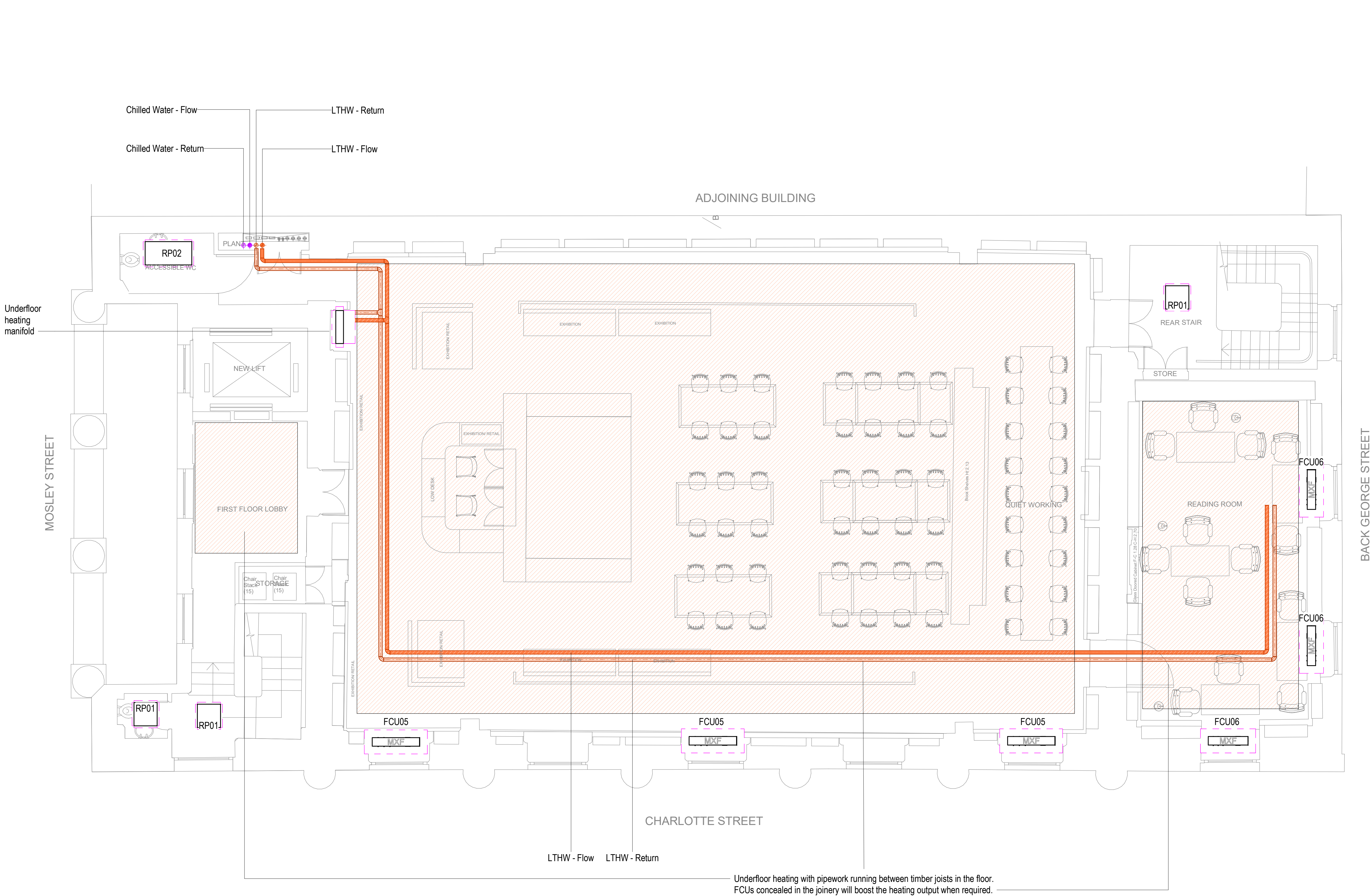




- GENERAL NOTES
- Do not scale from this drawing.
 - Print this drawing in colour.
 - This drawing is to be read in conjunction with all other MXF documents (drawings, schedules and specification) along with other design team documentation.
 - Provide air vents to all system high points and drain down valves to all system low points (not shown on drawing).
 - Pipework in external and unheated spaces shall be trace heated, insulated and vapour sealed along its full length.

- PROJECT SPECIFIC NOTES
- Pipework sizes to be confirmed at Stage 4.
 - All circulation pipework shown as LTHW on the layouts, however the heating and cooling system utilises a 2 -pipe reversible system in which the same pipework is used for heating and cooling.

- KEY
- Chilled Water Flow (CHW F)
 - Chilled Water Return (CHW R)
 - Low Temperature Hot Water Flow (LTHW F)
 - Low Temperature Hot Water Return (LTHW R)
 - Service at High Level
 - Service at Low Level
 - Under Floor Heating zone
 - F/A From Above
 - T/B To Below
 - F+R Flow and Return
 - RAD.xx Radiator
 - HTR.xx Heater
 - AHU.xx Air Handling Unit
 - ASHP.xx Air Source Heat Pump
 - BUFF.xx Buffer Vessel
 - CH.xx Chiller
 - FCU.xx Fan Coil Unit
 - PHX.xx Heat Exchanger
 - UFM.xx UFH Manifold
 - WSHP.xx Water Source Heat Pump
 - ET.xx Expansion Vessel
 - SSFLT.xx Side Stream Filter
 - PU.xx Pressurisation Unit
 - DPOT.xx Dosing Pot
 - RP.xx Radiant Panel

MAX FORDHAM

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client:
Purcell Architects
job no:
J7590
status code and description
S4 - Suitable for Stage Approval

project leader
IS

scale at A1
1 : 50

project name
Portico Library

issue date
09/07/2025

revision
P01

classification
Ss_60_40_00_00

drawing title
Space Heating and Cooling (Detail)
Level 01
Layout

project code
J7590

orig.
- MXF

volume
- ZZ

level
- 01

type
- DR

role
- M

number
- 10100