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DO NOT scale from this drawing. The contractor must verify all site dimensions.

Legend

Key	Description
	Approx. line of downstand beam
IU	VRF Indoor Unit
BC	Acoustically wrapped BC Controller c/w port isolation valves
	Refrigerant Pipework
	Condensate Pipework
	Local Wall Mounted Controller
	Control Wiring
	Secondary Supply Air Ductwork
	Supply Air Grille
	Flexible Connection
VCD	Volume Control Damper
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Notes

1. All ducting runs, indoor VRF unit locations and diffuser positions must be checked and set out against a fully detailed ceiling layout, structural engineering and electrical services drawings. all dimensions must be checked out on site prior to the installation being executed. The contractor will be expected to co-ordinate, the ductwork and piped services with all other trades.
2. All indoor VRF units shall be independently supported using the appropriate fixings and hangers suitably supported from the soffit.
3. All refrigerant pipework distribution to be within ceiling void zone.
4. All refrigerant pipework to be in half hard copper clipped to cable tray.
5. Condensate drainage pipework to connect to S&VP via a hepv0 dry trap as manufactured by Hepworth or equivalent.
6. All condensate drainage to include rodding eyes / inspection caps.
7. All condensate drains to be gravity to falls.
8. Minimum of 100mm lighting zone to be maintained above ceiling zone.
9. Refrigerant pipework shown single line for clarity.
10. The final location of all wall mounted controllers is to be agreed with the Client and Architect.
11. Only the containment routed below the downstand beams have been indicated on this layout.

Issue	Date	Description	Drawn	Checked
P1	31 01 22	Planning Issue.	DG	JW

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Client
Clearbell UK Strategic Limited Partnership

Project
Freetrade Exchange
Refurbishment

Design Stage
Stage 2 'Concept Design'

Drawing Title
Indicative Comfort Cooling Layout
Ground Floor

Scale	Page Size
1:50	A1L

Status
PLANNING ISSUE

Project : Originator : Volume	Level : File Type : Role : Number
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