

LINDE · DECISION PACK

Mechanical & HVAC

R4B Limited Conceptual Coordination

Current coordination status · 08 October 2026

CLIENT READY	PASS	APPROVED
Conceptual coordination communication only	R4B accepted content basis for this communication	Communication scope only; no HVAC design approval

R4B is accepted as the content basis for limited conceptual coordination. CLIENT READY / PASS / APPROVED applies only to communication of the current conceptual status; it does not approve HVAC design.

Scope statement

No direct inspection of the native scene was performed for this note. Geometry and interface conditions remain unverified; HVAC design and all M01–M12 items remain open.

Ceiling, cloud and diffuser interfaces

Space	Current conceptual status	Open coordination input
S03	Ceiling/device presence and identity are unverified.	Confirm diffuser/body identity, airside function, elevation, access and clearance.
S05	Ceiling form, elevation and boundary are unverified.	Confirm tagged room/ceiling IDs and service zones.
S07	Cloud/profile presence and support conditions are unverified.	Confirm plenum, support, airside function and clearance.
S08	Ceiling/light elements and HVAC interface are unverified.	Confirm any separate diffuser; do not assign airside duty to a light body.
S09–S10	Ceiling slot presence and airside function are unverified.	Confirm system, elevation, access and clearance.
S11	Cloud/diffuser presence and system assignment are unverified.	Confirm plenum, support, access and airside function.
S12	Cloud/light integration and ceiling service zone are unverified.	Confirm airside role, height and coordinated access.
S13	Raft/luminaire presence and room-wide boundary are unverified.	Confirm height, access and service zones.

Windows and room boundaries

No R4B glazing schedule or glazing properties were supplied for this note. No glass area or glazing takeoff is reported, and no thermal effect is assessed. Any bounding-box-derived window envelope is not net glass or takeoff. Room boundaries and usable clearances remain unverified; no room area is calculated.

Conceptual proposal

Coordinate ceiling devices only after room IDs, elevations, airside function and access are verified. Keep AC-01 as an unconfirmed reference until equipment identity, rack duty and Electrical C8–C10 assignment are reconciled. Coordinate the S04 fixture services/support and condensate termination with Sanitary/Structural. Confirm the S06 appliance roster and services before deciding on ventilation or exhaust. No equipment location, airflow, capacity, route, clearance, quantity, cost or duration is issued.

M01–M12 · current coordination status

Geometry and interface conditions remain unverified. All M01–M12 items remain OPEN; no HVAC design decision is closed.

Issue	Current conceptual status	Status and next input
M01 · Equipment / circuit	S01 equipment identity, rack duty, cooling basis and service location remain unconfirmed.	OPEN · Keep AC-01 as an unconfirmed reference. Confirm equipment identity/data before Electrical assigns C8–C10 or any selection is made.
M02 · Refrigerant line set	Matched cooling product, line set, sleeve, penetration and route are not established.	OPEN · Confirm product data, then coordinate only against verified geometry and site information.
M03 · Thermal input / glazing	No R4B glazing schedule or properties were supplied. Bounding-box-derived window envelopes are not net glass/takeoff; no glass area or thermal effect is assessed.	OPEN · Obtain tagged glazing/build-up, U-factor/SHGC, shading, orientation, occupancy and equipment data before any load review.
M04 · AC-01 location / access	AC-01 location, product, mounting condition and service clearance remain unverified.	OPEN · Confirm space/object IDs, selected unit, manufacturer clearance and site access.
M05 · Condensate / S04 interface	S04 fixture services, support and electrical interface, plus condensate termination, remain open.	OPEN · Sanitary/Structural to confirm fixture services/support; Mechanical to define condensate after unit and termination are known.
M06 · Ventilation / exhaust	Ventilation/exhaust function, room use, occupancy, outdoor-air basis, airflow and route are not established.	OPEN · Confirm room use, occupancy, operating schedule and airside function before ventilation design.
M07 · S06 kitchenette	S06 appliance roster/nameplates, electrical circuits, sanitary connections and exhaust need remain open.	OPEN · Obtain appliance data and service connections; decide exhaust after use is confirmed.
M08 · Electrical interface	Equipment-to-circuit mapping and cable route remain unconfirmed; C8–C10 assignment remains open.	OPEN · Electrical to assign protection, isolation, controls and route after equipment identity is fixed.
M09 · Structural support / access	Outdoor-unit location/support/load and S04 fixture anchorage are not established.	OPEN · Confirm product loads, substrate and access before Structural review; keep S04 support as a separate interface.
M10 · Installation / acceptance	Installation, as-built and functional acceptance are future close-out inputs; they are outside this conceptual note.	OPEN · Close later with product data, as-builts and signed functional/TAB records.
M11 · Ceilings / boundaries	Ceiling/cloud/light/diffuser interfaces, room boundaries and elevations remain unverified.	OPEN · Architecture to confirm tagged IDs, boundaries, elevations and service zones; Mechanical to coordinate airside function and access.
M12 · Occupied duty	Room use, occupant load and operating schedules needed for design are not established.	OPEN · Owner/Operator to provide room-by-room occupancy and schedules before sizing.

Next coordination inputs

Owner	Required input
Architecture	Tagged room/window/ceiling IDs, boundaries, elevations and service zones.
Mechanical / Owner	Selected unit data and rack/appliance duty; room use, occupancy and operating schedules.
Electrical	Controlled circuit assignment, protection, isolation, controls and route after equipment identity is fixed.
Sanitary / Structural	S04 water/drain/support interface; later condensate termination and outdoor-unit substrate/load.
Cost / Planning	Price and schedule only after accepted scopes and measured quantities. No duration or takeoff is available now.

Issue status: CLIENT READY / PASS / APPROVED for conceptual coordination communication only. HVAC design, calculations, equipment selection, code/compliance review, all M01–M12 and final release remain OPEN. This note does not approve HVAC design.