

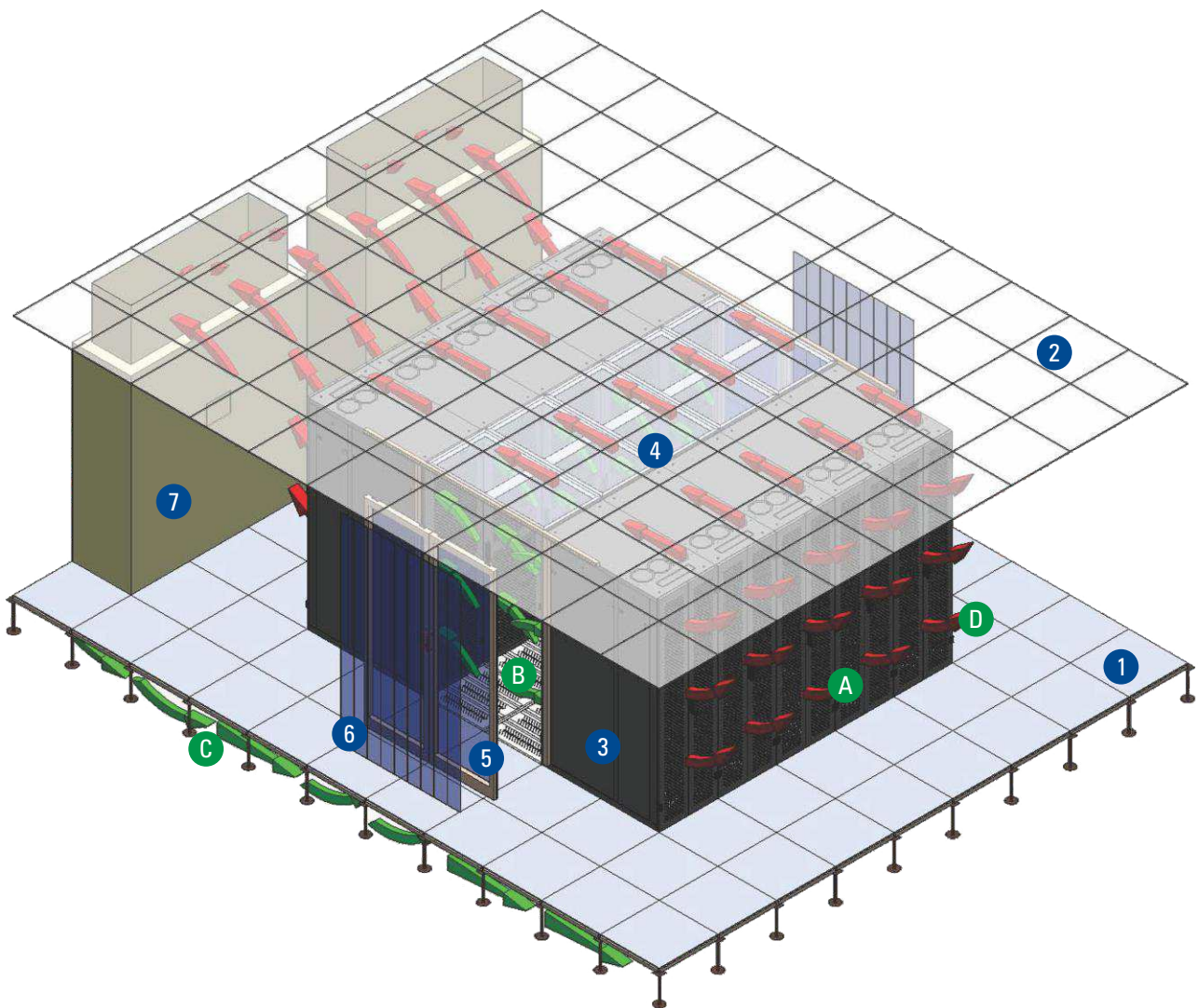
Design Concept - Horizontal Panel without Chimney

The CAC concept is achieved by enclosing both ends of the Cold aisle and are closed using Swing / Sliding Doors or Blinds for cold air containment. In addition all cabinets are fitted with Plinth, Rack Side Thermal Sealing and Blanking Panels between the equipment and route the cold through the equipment.

The Hot air returns to PAC through remaining area as shown in the Concept Drawing.

In this concept Top panel is perpendicular to Floor & Installed on the rack Top panel.

Top panel is composite metal toughened glass / Poly carbonate top panel for lighting in corridor area can have provision for FM 200 / NOVEC lines. Smoke and other required sensors as per data centre standards.



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|--------------------------|---------------|
| 1. Raised Floor | A. Hot Aisle |
| 2. False Ceiling | B. Cold Aisle |
| 3. Rack | C. Cold Air |
| 4. Top Panel | D. Hot Air |
| 5. Swing / Sliding Doors | |
| 6. Corridor Blinds | |
| 7. PAC | |