9.3.6 Toilet rooms may be ventilated by either natural ventilation with fully operable exterior windows with an area not less than 0.279 m^2 each and with part at least 1.75 m above floor or by mechanical extraction capable of providing 12 air changes/hour. Such mechanical extraction shall be communicated to the outside with point of discharge at least 3 m away from any fresh air opening.

9.3.7 Ventilating a habitable room through an adjoining space:

Two habitable rooms may be considered a single room for ventilating purposes if there is a permanent opening between which is equal to at least 1/20 of the combined floor area.

A habitable room may be ventilated through an adjoining space if:

a) the adjoining space is a conservatory or a similar space and;
b) there is an operable opening between the room and the space, with an area not less than 1/20 of the combined floor areas and;
c) there is a ventilation opening(s) in the room and the space together, or in the space alone, equal to at least 1/20 of the combined floor areas and with a part of the ventilation opening area at least 1.75 m above the floor level; and for background ventilation there are openings to the space and between the space and room each having not less than 0.46m^2 area.

9.3.8 Alternative approaches

The movement of air may be activated by such means as the operation of the door of the compartment, the operation of the lighting or by independent manual control. However, there should be an overrun of at least 15 minutes after the use of the compartment.

A recommended alternative approach to meeting the performance requirements is contained in BS 5720:1979 Code of Practice for mechanical ventilation and air conditioning in buildings and BS 5250:1989 Code of Practice: the control of condensation in buildings (Clauses 9.8 and 9.9).

9.3.9 The ventilation of industrial buildings shall be in accordance with ASHRAE HVAC Application Handbook – latest Edition and ASHRAE Standard 62-2001.

9.3.10 No air conditioning or ventilation equipment shall be visible from outside.

9.3.11 Developer shall comply with Dubai Municipality's regulations for Green Buildings and provide adequate energy management system through Building Management System and Lighting Control System.

9.4 District Cooling Services

9.4.1 Objective: To Provide world class, energy efficient, economical and environmental friendly DCS to Dubai South customers.

9.4.2 Overview of Various types of Customers: Mainly Master Developers and Building Owners. Master Developers (MD) are two types: 1) Exclusivity and 2) Reseller Building Owner (BO) are two types: 1) BO with Master Development and 2) Individual Customer (Building Tenant)

9.4.3 Basic MD exclusivity idea: Dubai South is the Master Developer as a whole in exclusivity right to provide DCS to site development along with title to land DCS Plant and associated equipment.

9.4.4 MD Reseller: The MD reseller contracts with Dubai South to provide DCS to entire site and agrees to purchase in advance all the required cooling load capacity. Dubai South at its own expense design, constructs, commission, operates and maintains the DCS Plant and Equipment required supplying DCS to the entire site up to its maximum cooling capacity for the term of the agreement with Dubai South.

9.4.5 MD / BO obligations:

1) Assistance and information to be provided by the BO, Approvals, License and permits, Easements and Right of the ways, ETS Room (provided at no expense with adequate space for ETS installation) & ETS connection.
2) Accuracy and up to date information, immediate update of any changes, final building plan, size and location of ETS Room as (size as advised by Dubai South)
3) Changes to load and delivery date critical and to be provided as soon as reasonably practical.
4) Information in locating underground services going to Building