ARCHITECTURAL PRINCIPLES & GUIDELINES

SITE SPECIFIC DEVELOPMENT GUIDELINES

The initial development parameters for the site D2-#3 were applied as the guidelines informing the RCRF project design siting and design. Based on a revised and reduced in size site area of 14,900 m² (3.68 acre), at Schematic Design those resulted in the following outcome (see chart to right).

The noted Permeability for the back of the RCRF building is very low and reflects the functional requirement of effectively preventing the daylight (UV in particular) from reaching the collections area and in result damaging the stored material that requires protection. Only very limited and measured daylight access has been granted to the collections warehouse through strategic location of narrow windows, which correspond with the main racking aisles.

CONCEPTUAL ELEVATION SKETCH (PER OPEN HOUSE #1)

While balancing the needs of the facility program with campus-wide land use and design guidelines, a number of criteria and design principles were identified by the team and used as a means to develop the following design solution. This includes the following:

• Provide a significant point of arrival to the facility.
• Provide a balance between the expression of the building from outside and an experience of the occupant inside;
• Provide appropriate massing and human scale through articulation;
• Provide a solution that is contextual within the existing fabric of South Campus;
• Provide authenticity and derive typology;
• Provide maximum expansion potential;
• Provide an appropriate functional distribution of the major operations, as programmed;
• Provide a significant point of arrival to the facility.

FLOORPLAN

SITE PLAN