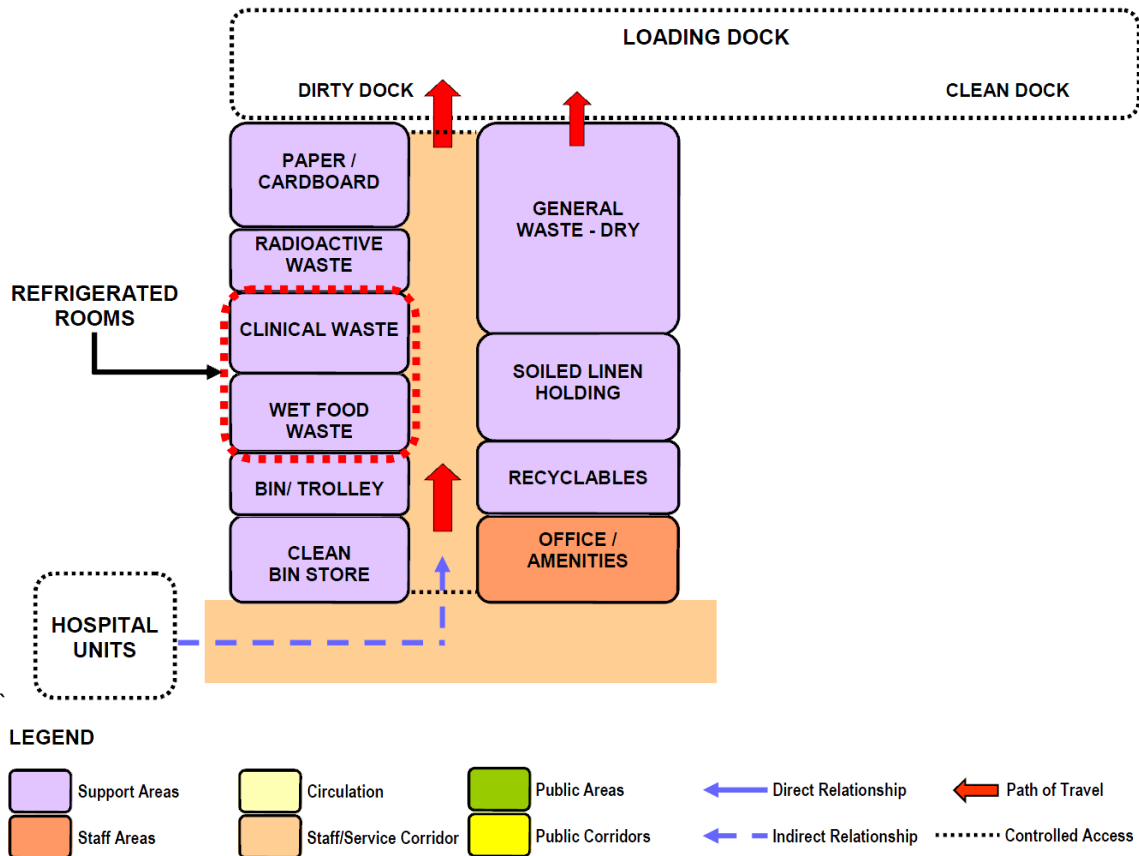


### Functional Relationship Diagram



## 5 Design Considerations

### Environmental Considerations

#### Acoustics

Acoustic performance and sound levels shall be designed to contain the noise from waste management equipment such as waste compactors and bin/equipment washers to an acceptable level so as not to affect the functioning of adjacent departments.

#### Ergonomics/ OH&S

The Waste Management Unit should be designed with consideration to ergonomics to ensure an optimal environment. Turning circles for large waste bins and wider corridors are to be considered to allow for two-way traffic. Manual handling may not be eliminated in the Unit; however, a well-designed and equipped work area will eliminate injuries resulting from manual handling.

Refer also to Part C of these Guidelines.

#### Safety and Security

The Waste Management Unit should not be accessible to the public. Card access, intercom or CCTV cameras are to be provided at the Loading Dock and external access for visitor control to the Unit. Where required, concave directional mirrors along corridors