

3.4 Activity Areas

The indoor activity space is located to ensure clear visibility from the staff station. The area is closed off from the ward with clear 1200mm high fence and doors to provide a secure play area and a division to ensure that the corridor remains clear from obstructions.

Doors link the indoor activity area to a covered outdoor secured play area. This play area will be of a similar type to that McDonald's use.

4.0 Construction

4.1 Materials

The new addition will be constructed of similar materials to that of the existing Health Campus.

The patient and utility rooms will be acoustically isolated from the remainder of the ward. This will be achieved through the use of acoustically treated walls and ceilings, and the use of double glazing for the interior windows in each of the patient rooms.

All exterior windows to the Patient rooms, Parents room and Manager's office will be shaded by exterior canopies.

4.2 Finishes

A public artist will be engaged to enhance the interior and playground to attain a more child-friendly environment.

4.3 Floor Coverings

Majority of the ward will have a vinyl floor covering, except the Parents Room, Manager's Office and Alcove, which will be carpeted. Vinyl in the Clean and Dirty Utility will extend 1500mm up the walls.

4.4 Impact of Construction on the existing Campus

The addition will be a separate building, the connection between the existing campus and the new ward corridor being the only alteration required. The new construction will therefore have no impact on the existing health campus, and thus it can continue to run without disruption.

It is a possibility that the new ward could be connected to the existing campus at any location along the corridor to the east of courtyard 9. At present the ward is centrally located along the corridor. Moving the new ward north will allow a closer connection to the Barker Ward corridor, and moving it south would allow a



closer connection to the Bridges Ward corridor. Moving the ward closer to either the Barker or Bridges Ward corridors would make a shorter journey from the main foyer to the new Paediatric Ward.

4.4 Impact of Construction on the existing Services

The services of the existing Campus including cold water supply, gas supply, sewer, stormwater and fire services will be adequate for the proposed new Paediatrics. The existing hot water services are unlikely to meet the Paediatric demand and have therefore made allowances in the budget for a new stand-alone hot water system.

ELECTRICAL

The new building will be provided with a new distribution board fed from the existing site main switchboard. The new distribution board will supply the Paediatric Ward's general lighting/power, essential lighting/power and power to Mechanical and Hydraulics equipment as required.

It is proposed to upgrade the existing site emergency standby generator to accommodate the additional load of the paediatric Ward and future developments. The option of providing a new separate standby generator to accommodate the new load is also being investigated.

Nurse call / staff assist call, fire detection and alarm, MATV, CCTV, security/access control and a data and communications backbone system to interface with the respective existing hospital systems, will be provided for the area.

MECHANICAL

The new building will be provided with stand alone variable refrigerant type split air conditioning system. Reticulated via in ceiling ducted fan coil units serving all occupied rooms including; Patient Bed Rooms, Treatment Room, Staff Station, Parents Room, Clean Utility and the like.

Mechanical Ventilation via ducted exhaust systems will be provided to Ensuites adjoining each Patient Bed room, Staff Toilets, Dirty Utility and Cleaners Room.

The new Building will be provided with Medical Gases, including oxygen, Medical Breathing Air and Medical Vacuum (Suction) outlets, pipe work and associated fittings extended from existing Medical Gas installation.

5.0 Landscaping

1200mm wide paving will surround the new Paediatric Building.

A fenced garden area will be located adjacent to the outdoor play area.

The area between the existing building and the new addition will be paved and landscaped.

