



**Katherine Museum Architectural Brief
For Concept Design of new Main Museum
Building**



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1 Overview

The Katherine Outback Museum Katherine has reached a stage in its development where it has to expand its site infrastructure. There is little space for the following activities:

- Entrance/Souvenirs
- Staff operations
- Exhibition Spaces
- Additional amenities
- Conservation and Research areas
- Entrance Space
- Conservation and artifacts storage
- Structured café/eating area

In order for the Museum to remain attractive and interesting to visitors, to meet Museum industry standards and requirements for conservation and storage and to preserve important artifacts and objects of interest, additional structures and spaces are required on the site. This Architectural Brief will assist the Architects and the Society in guiding the overall development of the site to ensure the site meets community expectations and the conservation requirements.

2 Staging

The improvement of the site needs to be managed in stages. Each stage should form part of the whole but be able to be undertaken and completed in a manner which is able to be handled by the Society. The design should allow the site to be continually developed over a period of 5 – 8 years.

3 The Design Theme

The buildings both existing and new need to retain the original sense of place, be in keeping with the original architectural design in both vision and human context. This is not a space which needs large buildings, but rather intimate spaces which tell the narrative, the history of the place and region.

The Site layout needs to take into consideration linkages between the various gardens, buildings, amenities area, the airstrip, parking and original hard stand areas. The narrative needs to be expressed in a manner which is subtle and allows the visitor to flow from one area to another, in a manner which gives the visitor time to explore and relax. The layout of the site should take in the need to control access from one location to the various exhibits. The gardens and lawned area should remain open for all to explore, as should the café eating areas.

4 An Overview the Katherine Historical Society

4.1 Vision

To become the best Regional Museum and resource precinct for educational and leisure purposes

4.2 Mission Statement

- To collect and preserve the region's cultural heritage and artifacts
- To make available the collection to the public through display, publications or as a research resource

- To work with the Museum and Tourism Industries in the development of the Museum Precinct
- To involve the community in the development and operation of the Museum
- To keep a clean and tidy estate
- That the presentation and keeping of our objects abides by recognized practices set out by Museums Australia

4.3 Ethics Statement

- To invest in the training of our Board members and staff
- To acknowledge the skills and expertise of individual volunteers and of team and board members
- To value our partnerships with the Tourism Industry and Heritage/Museum Industries
- To honor our agreements with our sponsors
- To value and preserve collections donated to the Museum

5 Site Details

5.1 Heritage Value of the Site

The former Katherine Airport was proposed to be listed on the Register of National Estate and the Register of Significant Places held by the National Trust of Australia (NT).

The air strip was first certified for use on 2nd February 1934. Further work was completed in April of that year to allow Dr CC Fenton to operator the aerial medial service from that location. In late 1944 permission was given to seal the runway and erect a control building, staff quarters, a workshop and a store. Air Traffic control activities were commenced in 1945. In the 1960's Katherine became a hub for operations in the Top End. The last flight from the Katherine aerodrome was 10th January 1975.

The Report “ *Former Katherine Airport Heritage Assessment Report dated May 2007* states that “*the building is in relatively sound condition.*” It further states that “ *The remnant bitumen airstrip and apron area have already been subject to disturbance, through the upgrading of the car park areas and the installation on an interpretive shelter in the centre of the lot.*”

The building as stated is in good condition and well maintained. The hard stand area bitumen is currently used for a public car park and the runway provides a strong visual link with the past. Currently there is little ability to link the Airport building with the runway due

to the various display sheds and activity nodes. Strong links need to be made between these important aspects of the site.

5.2 Location Analysis

The site is located on the access road to Nitmiluk National Park, location of the famous Katherine Gorge. As such there are in excess of 250,000 visitors per year which pass the front entrance of the property. There is signage in place to announce to visitors the location of the Museum and this is further complimented by the Museum's sign located adjacent the Gorge Road.

The Museum is within walking distance of the cemetery, Knott's Crossing, the Old Gallon License Store and Knott's Crossing the original settlement area of Katherine. The actual entrance to the site lacks impact and there is no turning lane to assist visitors with turning into the museum site. The road into the museum services both the Museum and the Red Cross home.

The site adjacent the original civil runway has a number of gardens which have been created to provide a range of spaces for daytime interpretive walks and events activities. These spaces are popular for weddings and community events.

5.3 Site Analysis

5.3.1 Zoning

- Lot 3185 is zoned Public Open Space (PS) – and activities such as Business signs, leisure and recreation activities, community centers and restaurants require consent from the Development Consent Authority
- Lot 2922 is zoned Community Purpose (CP) and activities such as business signs, caretakers residence, community centres, educational establishments, leisure and recreation activities are permit or require consent of the Development Consent Authority
- Note that the consolidation of Lot 3185 and Lot 2922 has been completed and will become Lot 3205.
- Lot 3006 is zoned Future Development (FD) and activities such as business signs, educational establishment, leisure and recreation, restaurant and other activities are allowable with consent.
- Now the subdivision is finished both CP and PS zonings allow for a Community Centre, which could include a Museum and associated display area. A Community Centre is permitted in a CP zone and requires consent in a PS zone.

5.3.2 Easements

There are a number of easements which cross the land including:

- Electronic communications Easement (Telstra Cable)
- Electrical Supply Easement

5.4 Access to the Site

Access to the site is off of the Gorge Road, which carries visitors to Nitmiluk Katherine Gorge. The site though marked with advertising, the promotional signage lacks impact. There is no turning lane into the site and visitors often come onto it before they realize. This though never causing an accident probably costs them visitation, particularly if a visitor is towing a caravan or has a large vehicle.

5.5 Activities within each Lot

The general Museum site comprises of the following lots.

- Lot 2922 (now 3205) has the Airport Building, Rotunda, garden, bush kitchen, and various buildings housing Overland Telegraph Display, Clyde Fenton Plane, Horticulture, Agriculture and Pastoral equipment, caretaker's house.
- Lot 3185 (now 3205) has the rock garden, picnic benches and the native garden on this land. It is generally open space for recreation and leisure purposes.

5.6 Lot Size Constraints

The design should not be constrained by the various lot boundaries, if additional space is required this can be arranged as can consolidation of the sites.

The site and building locations on site have appeal across a number of market sectors. This appeal should not be lost when allocating spaces for activities and sites for structures and buildings.

6 Site Design Philosophy and Museum Appeal

6.1 Overview

Visitors enjoy the ability to choose the activity and educational space. This ability to choose the space of interest and the sites informality must be retained in any future development of the site. This human size and ability to explore as a couple, group or individuals is once of the primary assets of the site. Any new structures should retain this atmosphere and architectural style.

Some visitors choose to explore the main building with its series of "spaces" which link in an informal narrative. They like the informal structure, the size of the spaces and the range of activities in the space. These spaces have a range of static displays (photographs, books, documents, artifacts and collections) and a small theatrette.

Other Interpretive and Display buildings on site include:

- Overland Telegraph Display Building – audio visual display, plus static displays
- Skillon Shed - the pastoral, horticulture and agriculture implement displays both inside and outside.
- Sydney Williams Hut which will house motor vehicles and the like.
- Interpretive Shelters – Aviation display and information

- Aviation Shed – Clyde Fenton aircraft and interpretive material

Other buildings include:

- Internal and external amenities blocks
- Café and sheltered sitting area
- Rotunda
- Caretakers Cottage
- Various Storage containers

Other Spaces

Generally the buildings are set in a garden environment which enhances the sense of arrival. This sense of peace and of somewhere special needs to be retained.

- The Native Garden – used by visitors and locals for events, walking, exploring and for photos.
- The Rock Garden – used by visitors and locals for photos, walking and linking the various spaces.
- Rotunda and lawned area – events, weddings, dinners, picnicking and relaxing space for visitors.

6.2 Visitor Comfort

It should be recognised that Katherine during both the dry and wet season can be hot and uncomfortable for visitors. When creating the linkages between buildings visitor comfort needs to be considered. The use of natural shade, verandahs and short exposed areas should be considered. Visitor comfort and safety when examining external displays need to be considered as should the linkages between the car park and the buildings.

6.3 Pedestrian Security to the Buildings and Displays on Site

There needs to be one entry point to the site buildings and display areas through the new entry space. Fencing and design of new spaces need to take this into consideration. Given the location of the overland telegraph building this may have to remain outside the fence area.

6.4 Services Analysis and Environmental Sustainability

There is a full range of utilities services to the site. When considering any additional buildings, additional services to the site, the need for the site to be environmentally sustainable should be taken into consideration.

Use of natural ventilation, design and management of climate sensitive areas, use of natural shade and breezes, rainwater harvesting, low wattage fittings and reticulated automatic sprinkler systems all should be considered. The carbon footprint of the Museum and its associated areas should be minimalised through good design of new the building, their linkages and the landscape.

6.5 Services Analysis

Power

Power on site will need upgrading to meet the requirements of the new building. Care should be taken as the building may trip in an upgrade to PAWA network. Currently 1600 amps are available

Water

There is adequate water supply to the site.

Sewerage

The sewerage connection on site was recently upgrade and there is adequate capacity.

Communications

There are adequate communications to the site.

6.6 Hydrology

During the 1998 flood the main Museum building and associated buildings were above the flood level. The Clyde Fenton Building has some water flow through the building. Any new buildings should take the flood levels into consideration and should be atleast 600 mm above the current RL flood level.

7 External Spaces

7.1 Car Park and Traffic Management

There is limited space for parking particularly given that coaches, mobile homes, cars and caravans all required to be catered for within the parking requirements. The current car park is on the original hard stand area of the airport. This will need to be extended and traffic movements directed to allow for easy access and egress from the site.

Additional allowances will need to be made for disabled car parking and for caravan, coach, and mobile homes. A coach drop off area should be created to allow quick convenient access for visitors. There should be all weather access designed for the rear of the block to allow access to the maintenance and service areas.

7.2 Maintenance Space

There needs to be a dedicated location for maintenance activities, such as repairs or conservation of equipment, storage containers and general grounds maintenance equipment. This needs to be easily accessible for staff and conservation works away from main visitor traffic areas (both pedestrian and vehicle access). The area needs to provide enough space for several work areas, covered space for equipment and link to the Agriculture Building and to the machinery display areas.

This space should be accessible by vehicle.

7.3 Garbage collection area

Garbage should be located in the Maintenance Bay area to keep all refuse in one location. This space should be screened from remainder of complex. Need stop cock tap for wash down and cleaning of space.

7.4 Linkages

Linkages need to be created between the Main Museum Building and the new entry and each of the other main display areas.

8 Existing and New Buildings

8.1 Existing Museum Building

It is envisaged to keep the existing Museum building for static displays. The current office area will be refurbished and used for static display areas.

8.2 Access

Access will need to be controlled to the new building through the new entry area. Solutions need to be found on how to manage the pedestrian traffic from the new entry into this building without impacting on the ambiance of the building. Suggestions include fencing of the building and garden area and linking back to the main entry area.

8.3 Security

Due to no staff being based in the existing display building, security cameras will need to be installed to monitor activities in the building and displays will have to be secured to ensure no theft occurs.

8.4 Aviation Display

Should be linked visually to the new entry building and to the runway.

8.5 Display area of Pastoral Equipment

This area is exposed to the weather. There is considerable interest by some clients in this area. The equipment needs to be covered by a shelter to provide protection for the equipment and for visitors. There needs to be some fencing in this area to restrict visitors from being able to climb and play with some piece of equipment. There should be interactive spaces and spaces which do not allow pedestrian movement.

8.6 Agriculture and Pastoral Building (Skillion building)

This skillion shed provides ample internal space. There are a number of external displays which would benefit from some protection from the weather and provide shade for visitors. Shading this area without making this central area look crowded needs to be considered.

8.7 Sydney Williams Building

Construction of this building needs to be completed and in doing so the critical elements of the building need to be retained in the true style of a Sydney Williams Hut. The Slab should be laid if possible about to Q100 flood level and the ventilation grids installed as per the

original designs. The space is under negotiation for use by the Motor Vehicle Enthusiasts Club. If this space is leased to the Club certain internal structures will be erected but they will be independent of the existing structure.

8.8 Clyde Fenton Building

This building should be combined into the new building as the Plane and its story is one of the iconic stories of the Region. The plane is in a state of deterioration due to the hardness of the climate and the lack of climate controlled air conditioning of the building.

9 The New Building

The new building should have a number of spaces and purposes including:

- Entry Point to the heritage aspects of the site – hence adjacent the car park
- Souvenir Sales point
- Exhibition space for the plane and associated collections
- Exhibition spaces which are flexible
- Additional Theatre area
- Office Space and kitchette for the management and Staff
- Conservation areas
- Storage space both air conditioned and non air-conditioned
- Amenities
- Café/coffee outlet and associated kitchen
- Secure IT/server room
- Cleaners Room
- Loading Bay area which is covered

Descriptions of each space area attached.



Room Data Sheets for New Building

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Space Name	Entry Foyer
Area Required	
Activities in Space	Welcome space, counter for souvenir and entrance fee payments, interesting displays to keep people engaged. Entrance to exhibition area/toilets and entrance to Museum spaces inside and outside.
Number of people	50 people plus 2 staff behind the counter at peak times
Co-location with other spaces	Café, Museum exhibition space and access to outside displays Visual interaction with the office if possible.
Accessibility/Security Level	Handicap access, Medium security after hours – cameras installed – key pad entry to allow for after hours access.
Fire Services	Thermal and smoke detectors
Air conditioning	Mixture of being ventilated during the dry season and air conditioned during the wet season.
Ventilation	Louvers /or hopper windows
Fans/Exhausting	Ceiling fans
Water supply	Not applicable
Drainage	Not applicable
Communications/data	Communications and data points to the front counter, ETTPOS, computer, Security pad access to front door.
Power outlets	Front counter requirements plus and four doubles to perimeter of the room
Equipment	Front counter, computer, printer, cash register, Display cabinet, fridge for drinks sales
Lighting	Mixture of fluro or led down lights
Fixtures and Fittings	Display cabinets
Floor Finishes	Timber on concrete
Wall finishes	Plaster board and feature panels
Furniture	Seating for about 8 people in small groups
Ceiling Height	Metal acoustic 600 mm tiles 3.0 metres
Special Requirements/ Comments	Light airy arrival location Visuals through glazing into interior of Museum with sections of frosted glass

Space Name	Entry Foyer Verandah Stage 1
Area Required	Space for about people to mingle, or sit and wait for coach loading or to sit and contemplate.
Activities in Space	Welcoming of coach groups, and welcoming for functions
Number of people	30 people
Co-location with other spaces	Co-location with entry, access to café
Accessibility/Security Level	Not applicable

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Fire Services	Not applicable
Air conditioning	Not applicable
Ventilation	Not applicable
Fans/Exhausting	Yes
Water supply	Yes for washing of verandah area
Drainage	No
Communications/data	Not applicable
Power outlets	One external double power point.
Equipment	Not applicable
Lighting	Down lights and security lights
Fixtures and Fittings	Not applicable
Floor Finishes	Timber decking
Wall finishes	Not Applicable
Furniture	Two or three seater timber verandah benches
Ceiling Height	2.7 plus
Special Requirements/ Comments	Need to discuss after hours use of exhibition space for functions and access to toilets etc. Disabled access

Space Name	Exhibition Space 1 – Fenton Aircraft and associated collections – Stage 1
Area Required	Treble current space which includes the aircraft to allow for associated collections
Activities in Space	Interpretive and static displays, some Audio Visual activities
Number of people	30
Co-location with other spaces	Visual linkage with Entry if possible, collocation with other exhibition spaces, this space is in stage 1.
Accessibility/Security Level	High – security cameras
Fire Services	Thermal and smoke detectors
Air conditioning	Climate Controlled
Ventilation	Not Applicable
Fans/Exhausting	Ceiling Fans – follow up with NT Museums
Water supply	Not Applicable
Drainage	Not Applicable
Communications/data	Security cameras and several outlets for AV Screens
Power outlets	2 in floor doubles and 4 doubles around perimeter and two in ceiling doubles.
Equipment	AV Screens and as directed by NT Museums
Lighting	Fluros with Phillips TL37 tubes - ultra violet light free lighting.
Fixtures and Fittings	Static signage and displays
Floor Finishes	Polished concrete or timber
Wall finishes	Blockwork lined with ply for display purposes
Furniture	Some double and triple seating
Ceiling Height	As required for height of displays – suggest 4.5 m
Special Requirements/ Comments	Decisions have to be made on the number of collections in this area which compliment Clyde Fenton Plane, ie medical equipment, aviation history of the area. Etc.

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Space Name	IT Room – Stage 1
Area Required	12 metres square
Activities in Space	Storage of security system, climate control computer and server for Museum
Number of people	1 Casual
Co-location with other spaces	Not necessary
Accessibility/Security Level	High level of access security
Fire Services	Smoke and thermal detector
Air conditioning	24 hour climate control
Ventilation	Not Applicable
Fans/Exhausting	Not Applicable
Water supply	Not Applicable
Drainage	Not Applicable
Communications/data	Suitable for requirements
Power outlets	Surge protection outlets for all computers, screens and equipment.
Equipment	UPS, computers x 3 (minimum) screens, communications panel
Lighting	Fluros
Fixtures and Fittings	!200 high bench for computing equipment with a 100 high plinth under
Floor Finishes	Appropriately rate vinyl covered up wall 1400 mm
Wall finishes	Plaster Board
Furniture	High chair,
Ceiling Height	2700 mm
Special Requirements/ Comments	Secure room suitable for high level of computing equipment.

Space Name	Kids Exploration Space Stage 1
Area Required	20 m2
Activities in Space	Displays that the children can hold, touch and other activities
Number of people	6 children and 3 adults
Co-location with other spaces	Entry and cafe
Accessibility/Security Level	Low
Fire Services	Thermal and smoke detectors
Air conditioning	Louvers and split unit
Ventilation	Natural when possible
Fans/Exhausting	Ceiling fans
Water supply	Not applicable
Drainage	Not applicable
Communications/data	Computer terminal and security camera
Power outlets	3 around perimeter of wall
Equipment	Consult with NT Museums
Lighting	Fluro and LED down lights

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Fixtures and Fittings	Boards for changing displays,
Floor Finishes	Vynal
Wall finishes	Plastered block work
Furniture	Low tables and chairs, bench along one wall for equipment – microscopes etc.
Ceiling Height	2700
Special Requirements/ Comments	Door which closes and a level of sound proofing

Space Name	Office Spaces Stage 1 or 2
Area Required	Manager's Office and General Administration area for 3 staff
Activities in Space	General administration duties
Number of people	4
Co-location with other spaces	Kitchette and front counter
Accessibility/Security Level	Medium security
Fire Services	Smoke and Heat detectors
Air conditioning	Split Units for both the managers space and administration
Ventilation	Opening windows in the managers and admin section
Fans/Exhausting	Not applicable
Water supply	Not applicable
Drainage	Not applicable
Communications/data	Data and telephone for each person Two data outlets per person telephone and computer plus one for the fax machine
Power outlets	Minimum 6 power outlets per person plus 3 doubles to perimeter of room for copier, fax, chargers and other equipment
Equipment	Computers, printers, fax machine, copier, various other office equipment
Lighting	Australian Standard Office lighting
Fixtures and Fittings	White board to Managers Office and Administration
Floor Finishes	Sheet vinyl
Wall finishes	Plasterboard
Furniture	Desks x 4, bookcase x 4, filing cabinets x 4, storage cabinet for stationary, and storage cabinet for office equipment
Ceiling Height	2.7 metres
Special Requirements/ Comments	Manager's office must have a meeting desk suitable for 4 people. All desks to have returns.

Space Name	Kitchenette Stage 1 or 2
Area Required	Corridor Kitchenette
Activities in Space	Coffee Making, dish washing, small servery area
Number of people	2 at any one time
Co-location with other spaces	Office and Theatrette
Accessibility/Security Level	Low level

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Fire Services	Heat and Smoke detectors
Air conditioning	Not Applicable
Ventilation	Air circulation from other areas
Fans/Exhausting	No Applicable
Water supply	To sink and hot water boiler
Drainage	To sink
Communications/data	Not Applicable
Power outlets	Power to hot water boiler, 2 doubles
Equipment	Microwave, hot plate, jug, fridge
Lighting	Fluro or LED down lights
Fixtures and Fittings	Under sink cupboards and above sink cupboards
Floor Finishes	Vinyl
Wall finishes	Plasterboard, painted
Furniture	Table and 2 chairs
Ceiling Height	2700
Special Requirements/ Comments	

Space Name	Theatre Room Stage 2
Area Required	Seating for 30 people plus some additional space for displays
Activities in Space	Watching DVD's and static displays
Number of people	30 - 40 seated
Co-location with other spaces	Co-located adjacent exhibition space to allow for extension of spaces, ability to have after hours access for use as a meeting room
Accessibility/Security Level	Low level but with cameras
Fire Services	Thermal and smoke
Air conditioning	Split Unit and Central Unit – Split Unit after hours
Ventilation	Nil
Fans/Exhausting	Ceiling Fans
Water supply	Not applicable
Drainage	Not applicable
Communications/data	AV Unit with DVD, CD, Computer compatibility
Power outlets	2 doubles to perimeter of room, AV Equipment requirements and DVD screen
Equipment	AV equipment, screen
Lighting	Down lights with led or fluro fittings and dimmers
Fixtures and Fittings	Screen, AV equipment
Floor Finishes	Carpet
Wall finishes	Sound rated covering
Furniture	Chairs and AV Equipment and screen
Ceiling Height	3.00 metres
Special Requirements/ Comments	Acoustically sensitive

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Space Name	Amenities Area – Male Female Disabled and Staff Stage 2 or 3
Area Required	Male and Female toilets as recommended under the BCA
Activities in Space	Ablutions
Number of people	Up to 3 at a time
Co-location with other spaces	Entry Foyer and Exhibition Space
Accessibility/Security Level	Low
Fire Services	Smoke and heat detectors
Air conditioning	Not Applicable
Ventilation	Mechanical if possible assisted by natural air flow
Fans/Exhausting	Ceiling fans and exhaust fans
Water supply	To toilets, hand basins and urinals and hose cock under sink for floor washing
Drainage	To toilets, hand basins and floor waste
Communications/data	Not applicable
Power outlets	2 to each amenities area
Equipment	Hand drier
Lighting	Fluro
Fixtures and Fittings	Partitioning, toilet roll holders, toilet cisterns, hand basins inserted in to bench top, mirrors
Floor Finishes	Ceramic Tiles
Wall finishes	Ceramic Tiles
Furniture	Not Applicable
Ceiling Height	2400 mm
Special Requirements/ Comments	Disabled toilet also required that meets standards. Staff toilet one for each gender in close proximity

Space Name	Exhibition Space 2 Stage 2 or 3
Area Required	60 m2
Activities in Space	Display of a range of collections
Number of people	10
Co-location with other spaces	Other climate sensitive area. This space should allow for a range of displays but have the ability to display a range of collections
Accessibility/Security Level	High – security cameras
Fire Services	Thermal and Smoke Detectors
Air conditioning	Climate controlled air conditioning
Ventilation	Not Applicable
Fans/Exhausting	Not Applicable
Water supply	Not Applicable
Drainage	Not Applicable
Communications/data	Security data lines 2 in floor data links Security Camera data lines
Power outlets	4 x double around perimeter and 2 in floor double outlets
Equipment	Not Applicable
Lighting	Fluros with Phillips TL37 tubes - ultra violet light free lighting.

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Fixtures and Fittings	Wall hanging system for paintings
Floor Finishes	Timber or Polished concrete
Wall finishes	Blockwork with marine ply over
Furniture	Not Applicable
Ceiling Height	3000 mm
Special Requirements/ Comments	Should be close to climate controlled storage space. Doors should be 2400 mm high to allow movement of items from storage room to the Exhibition Centre

Space Name	Smaller exhibition spaces x 2 each about 60 m2 Stage 2 or 3
Area Required	120m plus in either two or three spaces
Activities in Space	Static displays
Number of people	20
Co-location with other spaces	Large exhibition space and flow into Lambert Exhibition Space
Accessibility/Security Level	High – security camera
Fire Services	Thermal and Smoke detectors
Air conditioning	Climate controlled – discuss with Museums
Ventilation	Not applicable
Fans/Exhausting	Discuss with Museums
Water supply	Not Applicable
Drainage	Not Applicable
Communications/data	Security data
Power outlets	2 in floor doubles, 4 doubles around perimeter and two ceiling mounted doubles
Equipment	Display cabinets and modules
Lighting	Fluros with Phillips TL37 tubes - ultra violet light free lighting.
Fixtures and Fittings	Discuss with NT Museums
Floor Finishes	Timber or polished concrete
Wall finishes	Blockwork covered with ply for displays
Furniture	Seating for 6 people - scattered
Ceiling Height	3.00 m minimum
Special Requirements/ Comments	These small spaces must be more human size to give a feeling of exploration of spaces could even be broken down in to three spaces

Space Name	Conservation Room Stage 2 or 3
Area Required	25 m2
Activities in Space	Storage and conservation works
Number of people	2 maximum
Co-location with other spaces	Office or kitchette, climate controlled store room if possible
Accessibility/Security Level	High security
Fire Services	Heat and smoke detectors
Air conditioning	Climate controlled air conditioning
Ventilation	Not Applicable

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Fans/Exhausting	Not applicable
Water supply	Sink with drain board
Drainage	To sink
Communications/data	Telephone and computer access
Power outlets	4 x double outlets
Equipment	As specified by Museums branch – computer and printer, guillotine, book binder, laminator and framing equipment
Lighting	Fluros with Phillips TL37 tubes - ultra violet light free lighting.
Fixtures and Fittings	White board and under sink cupboard
Floor Finishes	Vinyl
Wall finishes	Plasterboard painted with insulation
Furniture	Drafters Chair, 2 x plan cabinets, central work desk at 1000 mm high, picture hanging space, and 1000mm high bench to full length of one wall with open shelving under.
Ceiling Height	2700 mm
Special Requirements/ Comments	Meet the NT Museums criteria

Space Name	Climate controlled storage room
Area Required	40 m2
Activities in Space	Storage of sensitive archives and collections
Number of people	0
Co-location with other spaces	Conservation area and other climate controlled spaces
Accessibility/Security Level	High security
Fire Services	Smoke and heat detectors
Air conditioning	Climate controlled air conditioning
Ventilation	Not applicable
Fans/Exhausting	Not Applicable
Water supply	Not Applicable
Drainage	Not Applicable
Communications/data	Security System data line
Power outlets	Not Applicable
Equipment	2 x Compactus to store archives of a sensitive nature Paint hanging frame Tapestry hanging frame
Lighting	Fluros with Phillips TL37 tubes - ultra violet light free, lights to be on movement sensors to switch off when not in use.
Fixtures and Fittings	Not Applicable
Floor Finishes	Concrete
Wall finishes	Plaster board or block well insulated
Furniture	Not applicable
Ceiling Height	3000 mm
Special Requirements/ Comments	Doors should be 2700 high to allow movement of items from one area to another.

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Space Name	Research and Library space Stage 2 or 3
Area Required	30 m2
Activities in Space	A quiet area for study and research for both the public and staff
Number of people	4 maximum
Co-location with other spaces	Office Space and ability to gain entry via the front foyer.
Accessibility/Security Level	High
Fire Services	Smoke and Heat detectors
Air conditioning	Split Unit
Ventilation	Louvers for dry season
Fans/Exhausting	Ceiling fans
Water supply	Not Applicable
Drainage	Not Applicable
Communications/data	Commuter Terminal x 2
Power outlets	2 x 4 outlets and 2 x double outlets
Equipment	2 x Computers, printer and photo copier
Lighting	LED down lights and fluros
Fixtures and Fittings	Notice Board
Floor Finishes	Carpet
Wall finishes	Plaster board painted or block wall
Furniture	3 tables, and bench desk to one side, filing cabinets and book shelves, 6 chairs
Ceiling Height	2700 mm
Special Requirements/ Comments	Restricted access controlled by front counter to control visitation

Space Name	Café and kitchen – Fit out by Tenant
Area Required	Kitchen 30m2 Café 40m2 internal adjoining external space
Activities in Space	Food preparation and café activities
Number of people	20 inside
Co-location with other spaces	Verandah entrance, balcony and toilets
Accessibility/Security Level	Low
Fire Services	Thermal and smoke detectors
Air conditioning	Kitchen area and café with air curtain to verandah
Ventilation	Exhaust hood to kitchen
Fans/Exhausting	Ceiling fans to café area
Water supply	To kitchen and café area as required by Health
Drainage	To kitchen and café area as required by Health
Communications/data	Telephone and data outlet
Power outlets	As by tenant – power to switch board
Equipment	By tenant
Lighting	By Tenant – no ceiling
Fixtures and Fittings	By Tenant

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Floor Finishes	Smooth finished concrete floor – finishes by tenant
Wall finishes	Ideally block work walls with sealer coach
Furniture	By tenant
Ceiling Height	No ceiling a
Special Requirements/ Comments	

Space Name	Balcony area
Area Required	70m2
Activities in Space	Dining and functions space
Number of people	50 people
Co-location with other spaces	Visual link with the runway and hard stand area. Cafe
Accessibility/Security Level	Security Cameras for after hours surveillance
Fire Services	Smoke and heat detectors
Air conditioning	Not Applicable
Ventilation	Natural
Fans/Exhausting	Ceiling fans
Water supply	Hose cock for floor washing
Drainage	Not Applicable
Communications/data	Not applicable
Power outlets	2 x double weatherproof outlets
Equipment	Not Applicable
Lighting	Security lighting with movement detectors for night time and security fluoro fittings, recessed LED down lights
Fixtures and Fittings	By lessee
Floor Finishes	Timber decking
Wall finishes	As per building cladding
Furniture	Tables and Chairs by lessee
Ceiling Height	2700
Special Requirements/ Comments	Balcony rails and infill under building for security reasons.

Space Name	Storage Room
Area Required	50m2
Activities in Space	Storage of non sensitive items
Number of people	0
Co-location with other spaces	General exhibition spaces
Accessibility/Security Level	Medium
Fire Services	Heat and smoke detectors
Air conditioning	Split Unit to be utilised when unloading various items so the air can be cooled prior to goods coming into the space.
Ventilation	Vent through roof if required
Fans/Exhausting	Ceiling fans
Water supply	Not applicable
Drainage	Not applicable

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Communications/data	Not applicable
Power outlets	Not applicable
Equipment	Ladders, trolleys
Lighting	Fluros with movement detectors
Fixtures and Fittings	Commercial storage shelves
Floor Finishes	Concrete
Wall finishes	Blockwork
Furniture	Compactus to store display stands, general items, non historical archives, stationary etc
Ceiling Height	2700
Special Requirements/ Comments	Access to outside space and linked to the loading dock area. This space needs to potential to act as an airlock during loading and unloading of collections and displays.

Space Name	Loading Bay
Area Required	Able to back a truck up to the rear of the building
Activities in Space	Unload and loading of displays and collections
Number of people	2
Co-location with other spaces	Collation with Storage Space
Accessibility/Security Level	High level due to access to the outside
Fire Services	Heat and smoke detectors
Air conditioning	Not Applicable
Ventilation	Not Applicable
Fans/Exhausting	Not Applicable
Water supply	Not Applicable
Drainage	Not Applicable
Communications/data	Security system
Power outlets	2 double outlets
Equipment	Pallet mover
Lighting	Fluros
Fixtures and Fittings	Roller door
Floor Finishes	Concrete
Wall finishes	Blockwork
Furniture	Not Applicable
Ceiling Height	3000 mm
Special Requirements/ Comments	Need roller door that can take a small pantec backing into the loading bay and protect the items from the weather. Does not need to be any deeper than about 4 metres.