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"Build Up Design approaches each project as a new design exercise that requires a fresh perspective and an open mind."

2. what we do

Build Up Design is a registered Architectural Company under the Northern Territory Architects Act. Our office is located in Darwin. We have been operating all around the Northern Territory for 20 years providing Architectural and Project Management services for private and government projects.

Build Up Design approaches each project as a new design exercise that requires a fresh perspective and an open mind. Our approach is to research the project parameters, site context, landscape, services, budget and regulations. We work with our clients to explore and define their requirements.

Inspiration is drawn from a wide variety of sources including research into our clients’ interests, review of exceptional examples of the proposed building type and response to climate, site context and landscape.

This approach allows us to quickly review a number of options.

We fuse creative experimentation with technical knowledge to come up with innovative yet practical solutions.

Build Up Design see effective client and end user involvement in projects as being critical to a successful project outcome.

At the start of each project we work with the client to develop a design and consultation strategy to form a framework for the development of the project. We identify the consultants required, and work out the best way to get their input and develop ideas.

Darwin Palliative Care
3. what we bring

The Build Up Design team brings to the project:

- Professional experience in housing, health, education, offices and infrastructure.
- In depth understanding of remote area design and construction issues.
- Commitment to community visions through long term working associations with local communities and organisations.
- Established working relationships with local authorities as well as broad ranging experience and understanding of specific statutory requirements.
- In depth understanding of the local construction industry and associated building issues specific to Darwin and the Northern Territory.
- Quality assurance systems and client reporting procedures that ensure a high degree of cost control and accountability from sketch design to project completion.
4. sustainability + environment

The Build Up Design team have a strong commitment to sustainable design and designing buildings with a minimal environmental footprint.

The key to sustainable architecture is to design buildings with orientation to reduce heat loads and direct sunlight by using wide sheltering eaves, large veranda areas and shaded walls; whilst allowing plenty of natural light. Careful thought about the relationships between buildings, site features, landscaping areas, play areas, cubby houses, gardens and infrastructure like grey water systems will optimize the overall result. We see sustainability options as great opportunities.

We keep up to date with technology options through literature review, attending conferences, seminars and ongoing professional development.

"... buildings with orientation to reduce heat loads, catch breezes and reduce direct sun with wide sheltering eaves, veranda areas, natural lighting and shaded walls."
5. quality management

quality assurance system

Build Up Design uses the 'Office Manual for Small Practices' which has been developed by the Australian Institute of Architects.

A Project Quality Plan can be prepared for each project to establish quality control procedures.

Through these quality control procedures and regular internal review and coordination of the project, all work carried out will comply with:

- Government regulations and laws.
- Relevant local and international codes and standards.
- Specific client standards and requirements.
- Particular project specifications.

quality assurance measures

Build Up Design’s commitment to quality extends past specific project requirements to providing the best level of service possible.

- Our office is fully computerised and uses AutoCAD and Revit design & documentation software.
- We regularly attend conferences and workshops relevant to our field.
- The director and staff are members of the Australian Institute of Architects (AIA).
- The director is an NT Chapter Council Member and member of the AIA National Continuing Education Committee.
- We actively participate in the AIA continuing education program.
- We utilise appropriate industry standard contracts.
- We subscribe to and are up to date with the AIA Practice Notes and Environmental Design Guide.
- The Build Up Design team have a strong commitment to sustainable design.

"... control procedures and regular internal review and coordination ..."
6. **innovation + value adding**

When presented with challenging circumstances our team’s wide experience is complemented by imagination and the technical ability necessary to find innovative solutions. Our team offers flexibility to architectural problem solving and creative solutions via innovative thinking.

Build Up Design are able to provide advice on the range of options available for your site and needs.

The remote nature of much of our work means that sites often have little in the way of services like power, water and sewerage. Over the years we have extensively researched available technology options including greywater reuse systems, pit toilet design, composting toilet systems and solar power systems.

We have extensive experience working with a diverse range of client groups and community groups. We continue to develop effective ways of working with our clients. For example, we recently co-ordinated Aboriginal housing workshops in Darwin, Katherine and Gove. The workshops involved groups of around 40 people including male and female Aboriginal householders, housing managers and government representatives. We broke the group into smaller groups, each group worked through a range of issues, hand sketching, working with modelling tools, general discussions and hands on review of possible fittings and fixtures. At the end of the day the three groups presented to the larger group. We found this approach allowed quiet people to get involved and provide valuable input.

"... experience is complemented by imagination and the technical ability necessary to find innovative solutions."
7. technical, financial + managerial capacity

- Build Up Design is registered as an Architectural Company under the provisions of the Northern Territory Architects Act.
- Company insurance is provided by AIA Insurance Brokers.
- The company operates on an IBM based, networked computer system, programs include AutoCAD, Revit and the Microsoft Office suite.
- The Company bankers are the Commonwealth Bank.
### 8. Awards

<table>
<thead>
<tr>
<th>Year</th>
<th>Award</th>
<th>Project Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>RAIA Indigenous Community Architecture Award</td>
<td>Garma Knowledge Centre</td>
</tr>
<tr>
<td>2011</td>
<td>Weddell Tropical Housing Competition - 1st Place</td>
<td>5 housing typologies</td>
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<tr>
<td>2010</td>
<td>AIA NT Architecture Award for Housing</td>
<td>The Pink House</td>
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<tr>
<td>2009</td>
<td>AIA NT Architecture Award for Public Architecture</td>
<td>Darwin Middle School (in association w/ Jackman Gooden Architects)</td>
</tr>
<tr>
<td>2008</td>
<td>RAIA NT Chapter Indigenous Community Architecture Award</td>
<td>Gundjeihmi Office, Jabiru</td>
</tr>
<tr>
<td>2007</td>
<td>RAIA National Colorbond Award for Steel Architecture</td>
<td>Mamaruni School, Minjilang.</td>
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<tr>
<td>2007</td>
<td>RAIA NT Chapter Tracy Memorial Award, Public Building Award, Indigenous Community Architecture Award</td>
<td>Mamaruni School, Minjilang.</td>
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<tr>
<td>2006</td>
<td>RAIA NT Chapter Tracy Memorial Award, Public Building Award, People's Choice Award</td>
<td>Darwin Palliative Care (with Jackman Gooden Architects)</td>
</tr>
<tr>
<td>2005</td>
<td>RAIA NT Chapter Public Building Award + Indigenous Community Architecture Award</td>
<td>Julianmarawu Health Clinic Nguilu (with Jackman Gooden Architects)</td>
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<tr>
<td>2005</td>
<td>RAIA NT Chapter Colorbond Steel Award</td>
<td>Deckchair Cinema</td>
</tr>
<tr>
<td>2002</td>
<td>RAIA NT Chapter Housing Commendation</td>
<td>The Love Shack</td>
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<tr>
<td>2001</td>
<td>RAIA NT Chapter Public Building Award</td>
<td>BIITE Maningrida Study Centre</td>
</tr>
<tr>
<td>2000</td>
<td>RAIA NT Chapter Public Building Award</td>
<td>Belyuen School</td>
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<tr>
<td>1999</td>
<td>RAIA NT Chapter Environment Commendation</td>
<td>Bawinanga Ranger Station</td>
</tr>
<tr>
<td>1998</td>
<td>RAIA NT Chapter, Burnett Award for Housing, Commendation</td>
<td>Darwin Area Housing Association</td>
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<tr>
<td>1994</td>
<td>RAIA Institutional Architecture Award, NT Chapter</td>
<td>Bawinanga Women’s Centre</td>
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</tbody>
</table>
9. publications

<table>
<thead>
<tr>
<th>Year</th>
<th>Title</th>
<th>Details</th>
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<tbody>
<tr>
<td>2011</td>
<td>Environmental Design Guide EDG 70SS Remote Area Building + Sustainable Development</td>
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<tr>
<td>2007</td>
<td>Architecture Australia Nov. Mamaruni School</td>
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<tr>
<td>2007</td>
<td>Architecture Bulletin Nov. Mamaruni School</td>
<td></td>
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<tr>
<td>2006</td>
<td>PEB Compendium of Exemplary Educational Facilities</td>
<td>`'Educational Spaces, A Pictorial Review' volume 3</td>
</tr>
<tr>
<td>2003</td>
<td>‘Acclimatisation’ (Architecture at the top end of Australia) David Bridgeman</td>
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</tr>
<tr>
<td>2003</td>
<td>‘Take 2. Housing Design in Indigenous Australia’ RAIA Contributing Author.</td>
<td>`'Outstation Design- Lessons from Bawinanga Aboriginal’</td>
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<tr>
<td>2003</td>
<td>Renew issue 82 Jan-Mar. 2003. ‘Loving it up in the trees’</td>
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<tr>
<td>2002</td>
<td>Architecture Australia Vol91 No.5 The Love Shack</td>
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<td>2002</td>
<td>Sydney Morning Herald The Shack out the Back</td>
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<tr>
<td>2002</td>
<td>Northern Territory News The Love Shack</td>
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<td>2001</td>
<td>Architectural Review 077 Article – Faulty Towers</td>
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<tr>
<td>2001</td>
<td>Architecture Australia Vol 90 No.3 Remote Area Housing</td>
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<tr>
<td>2001</td>
<td>Environmental Design Guide Bawinanga Ranger Station</td>
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<tr>
<td>2001</td>
<td>Environmental Design Guide Remote Area Building + ESD</td>
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<tr>
<td>1997</td>
<td>Australian Magazine Home Sweet Home</td>
<td></td>
</tr>
<tr>
<td>1995</td>
<td>Architecture Australia Vol 84. No.2 Competition for Unbuilt Work</td>
<td></td>
</tr>
<tr>
<td>1989</td>
<td>Critiques 2 Raw Architecture</td>
<td></td>
</tr>
</tbody>
</table>
appendix a: selected health projects

Project: Lajamanu Health Clinic 2010 – 2013
Scope: New Health Clinic
Contract Type: Design + Documentation
Client: Katherine West Health Board
Contract Value: $8.8 Mil
Contact: Mr Sean Heffernan (08) 8971 9300

Project: Hospice at Royal Darwin Hospital 2003 - 2005
Scope: New Hospice
Contract Type: Design + Documentation (in association w/ Jackman Gooden Architects)
Client: Department of Planning and Infrastructure
Contract Value: $3 Mil
Contact: Mr Ray Carter (08) 8999 4848

Project: Julanimawu Health Clinic, Nguiu 2003 - 2004
Scope: New Health Clinic
Contract Type: Design + Documentation (in association w/ Jackman Gooden Architects)
Client: Department of Planning and Infrastructure
Contract Value: $3 Mil
Contact: Mr Bob Williams (08) 8946 5143

Project: Staff Duplexes for Malabam Health Board, Maningrida 2009
Scope: 2 New Staff Duplexes
Contract Type: Design, Documentation + Contract Administration
Client: Malabam Health Board, Aboriginal Corporation, funded by OATSIH
Contract Value: $1.77 Mil
Contact: Mr Michael LeRoux, Arup (07) 4032 6000

Other:
- Danila Dilba Medical Service
  OATSIH funded Scoping Study for new Health Precinct at Palmerston, current
  OATSIH funded Scoping Study for new Health Facility at Maningrida, 2009
  OATSIH funded Scoping Study for Health Service, 2007
  OATSIH funded renovation to drug room, 2005
  OATSIH funded upgrade existing clinic, 2002
  Master planning for proposed Palmerston Clinic, 2002
  OATSIH funded Doctor's House at Maningrida, 1998
- Malabam Health Board
- Wadeye Health Service
- Danila Dilba Medical Service
# Appendix B: Selected Education Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Scope</th>
<th>Contract Type</th>
<th>Client</th>
<th>Contract Value</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Garma Knowledge Centre 2014</strong></td>
<td>New Remote Area Education + Conference Facility</td>
<td>Architectural Design + Documentation</td>
<td>Yothu Yindi Foundation</td>
<td>$3 - 4 Mil</td>
<td>Ms Denise Bowden (08) 8945 5055</td>
</tr>
<tr>
<td><strong>Nightcliff Family Centre 2015</strong></td>
<td>New Verandah, Internal Renovations + Dis. WC</td>
<td>Architectural Design, Documentation + Contract Administration</td>
<td>Nightcliff Family Centre</td>
<td>$ 300 K</td>
<td>Ms Rennae Griffith (08) 898504535</td>
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<tr>
<td><strong>Roseberry School 2008</strong></td>
<td>New Middle School</td>
<td>Architectural Design (in association w/ Jackman Gooden Architects)</td>
<td>Department of Planning and Infrastructure</td>
<td>$25 Mil</td>
<td>Mr Ray Carter (08) 8999 4848</td>
</tr>
<tr>
<td><strong>Manyallalaluk School 2005</strong></td>
<td>New Remote Area School</td>
<td>Architectural Design + Documentation</td>
<td>Department of Planning and Infrastructure</td>
<td>$1 Mil</td>
<td>Mr Ray Carter (08) 8999 4848</td>
</tr>
<tr>
<td><strong>Darwin Middle School 2006</strong></td>
<td>New 600 student school</td>
<td>Architectural Design + Documentation in association w/ Jackman Gooden Architects + Halicos Builders</td>
<td>Department of Planning and Infrastructure</td>
<td>$24 Mil</td>
<td>Mr Don Dowling (08) 8999 4647</td>
</tr>
<tr>
<td><strong>Xavier Nguiu Secondary College 2010</strong></td>
<td>New Cert. 3 Kitchen + Tech Studies Refurbishment</td>
<td>Architectural Design + Documentation</td>
<td>Catholic Education Office - NT</td>
<td>$1.5 Mil</td>
<td>Mr John Fong (08) 8984 1438</td>
</tr>
<tr>
<td><strong>Borroloola School 2003</strong></td>
<td>New Classroom Wing, Administration, Multipurpose Hall, Home Economics Area and Secondary Classroom Wing</td>
<td>Architectural Design</td>
<td>Department of Planning and Infrastructure</td>
<td>$6 Mil</td>
<td></td>
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<tr>
<td>Project</td>
<td>Scope</td>
<td>Contract Type</td>
<td>Client</td>
<td>Contract Value</td>
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<tr>
<td>Outstation Schools 1994 to 1996</td>
<td>New Schools at Bulukaduru, Mankorlod and Mumeka, in Central Arnhem Land</td>
<td>Design, Documentation + Contract Administration</td>
<td>Department of Education</td>
<td>$300 K each</td>
<td></td>
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<tr>
<td>BIITE Study Centres 2000 to 2006</td>
<td>New Study Centres for Batchelor Institute at Maningrida, Nyirrpi, Arlparra, Ngukurr, Minjilang, Gunbalanya and Borroloola</td>
<td>Architectural Design, Documentation + Contract Administration</td>
<td>Batchelor Institute of Indigenous Tertiary Education</td>
<td>$100 K - $500 K</td>
<td></td>
</tr>
</tbody>
</table>

**Other:**
- Maningrida School: Existing Conditions + Infrastructure Report, Masterplan
- Donydji and Mapurru School: New Remote School and Accommodation
- Maningrida School: New Classroom Wing, Multipurpose Hall and Music Rooms
- Modular Pre Schools: Sketch Designs for Transportable Remote Area Preschools for NT
- Department of Employment, Education and Training
appendix c: selected commercial projects

**Project:** Maningrida Progress Association 2002  
**Scope:** New Office and Meeting Areas  
**Contract Type:** Design + Documentation  
**Client:** Maningrida Progress Association  
**Contract Value:** $900 K

**Project:** Gundjeihmi Office 2001  
**Scope:** Site Development, New Office and Storage.  
**Contract Type:** Design, Documentation + Contract Administration  
**Client:** Gundjeihmi Aboriginal Corporation  
**Contract Value:** $1.9 Mil

**Project:** Dhimurru Rangers Office 2007  
**Scope:** New Office and Industrial Complex  
**Contract Type:** Architectural Design + Documentation  
**Client:** Dhimurru Aboriginal Corporation  
**Contract Value:** $2 Mil

**Project:** Maningrida Art Centre 2011  
**Scope:** New Art Centre and Gallery  
**Contract Type:** Architectural Design + Documentation  
**Client:** Maningrida Arts and Culture  
**Contract Value:** $3 Mil

**Project:** Deckchair Cinema 2000  
**Scope:** New Outdoor Cinema  
**Contract Type:** Architectural Design, Documentation + Site Supervision  
**Client:** Darwin Film Society  
**Contract Value:** $500 K

**Other:**  
- Mulka Arts Centre  
  New Production, Sound Booth & Stage Area in Yirrkala (2015)  
- Kununurra & Halls Creek Police  
- BAC Tucker Run Shop  
  New Supermarket and Outstation Shop Distribution Centre in Maningrida  
- Good Food Kitchen  
  Healthy Food Kitchen and Retail Outlet in Maningrida  
- Numbulwar Shop  
  Upgrade and Extension to Existing Shop in Numbulwar
appendix d: selected aboriginal housing projects

Project: Bawinanga NAHS 1997-2001
Scope: 25 New 4 bedroom houses
       2 Diesel / Solar Hybrid Power Stations
       24 Stand Alone Solar Power Systems
       13 Water Supply Upgrades
Contract Type: Architectural Design, Documentation + Contract Administration
Client: Bawinanga Aboriginal Corporation
Contract Value: $4.8 Mil

Project: Daguragu NAHS 2001
Scope: 11 New 3 Bedroom Houses
       1 New 4 Bedroom House
       Community Masterplanning Consultation + Lot Servicing
Contract Type: Architectural Design, Documentation + Contract Administration
Client: Daguragu Community Government Council
Contract Value: $2.9 Mil

Project: IHANT Standard Designs 2005
Scope: Standard Aboriginal Housing Designs for the NT Southern Region
Contract Type: Architectural Design + Documentation, w/ AP Services
Client: Indigenous Housing Authority NT

Project: IHANT Standard Designs 2005
Scope: Standard Aboriginal Housing Designs for the NT Southern Region
Contract Type: Architectural Design + Documentation, in association w/ Deborah Fisher Architects
Client: Indigenous Housing Authority NT

Project: Umbakumba NAHS 2001
Scope: 8 New 3 + 4 Bedroom Houses
Contract Type: Architectural Design, Documentation + Contract Administration
Client: Umbakumba Community Government Council
Contract Value: $1.8 Mil

Other:
Canteen Creek NAHS New Housing and Infrastructure, Consultation + Design w/ Deborah Fisher Architects
appendix e: selected housing projects

Project: 1st Place: Weddell Tropical Housing Competition 2011
Scope: Type A: Deluxe 2 Story, 3 Bedroom House
Contract Type: Ideas Competition for 5 Housing Typologies

Project: 1st Place: Weddell Tropical Housing Competition 2011
Scope: Type B: Affordable Single Story, 2 Bedroom House
Contract Type: Ideas Competition for 5 Housing Typologies

Project: 1st Place: Weddell Tropical Housing Competition 2011
Scope: Type C: 2 Story, 2 Bedroom Terrace House
Contract Type: Ideas Competition for 5 Housing Typologies

Project: 1st Place: Weddell Tropical Housing Competition 2011
Scope: Type D: Home Office, 3 Story, 3 Bedroom Townhouse
Contract Type: Ideas Competition for 5 Housing Typologies

Project: 1st Place: Weddell Tropical Housing Competition 2011
Scope: Type E: Courtyard Community Housing
Contract Type: Ideas Competition for 5 Housing Typologies

Project: The Pink House 2009
Scope: New 3 bedroom house
Contract Type: Architectural Design, Documentation + Contract Administration

Project: The Love Shack 2002
Scope: New Tropical Sleeping Platform
Contract Type: Architectural Design, Documentation + Contract Administration
Project: Marrakai St Units, 2011
Scope: 2 x 2 Bedroom Units for Special Needs Seniors
Contract Type: Architectural Design + Documentation
Client: Territory Housing
Contract Value: $650 K

Project: Darwin River Road 2005
Scope: New 2 Bedroom House
Contract Type: Architectural Design, Documentation + Contract Administration

Project: Pejark House 2004
Scope: New 3 Bedroom House in rural Victoria
Contract Type: Architectural Design + Documentation

Project: MPA Duplex 1999
Scope: New 2 Bedroom Duplexes
Contract Type: Architectural Design + Documentation
Client: Manigrida Progress Association
Contract Value: $800 K

Project: Quarry Street 2006
Scope: 3 x 2+3 Bedroom Townhouses
Contract Type: Architectural Design + Documentation
Contract Value: $1.5 Mil

Project: The Loveshack #2 2005
Scope: New Freestanding Bedroom & Ensuite
Contract Type: Architectural Design + Documentation

Project: Henbury Ave 2013/14
Scope: Renovation + Verandah Addition
Contract Type: Architectural Design, Documentation + Contract Administration
Simon has over 25 years experience as an Architect.

As the Director of Build Up Design, Simon is responsible for the company's design direction, project management and coordination. As a result, Build Up Design has an enviable reputation for high quality design, documentation and project management.

**Present Position:** Director, Build Up Design

**Selected Health Projects:**
- PARAP VETS, New Veterinary Facility (Current)
- LAJAMANU HEALTH CLINIC, New Health Clinic, $8.8Mil
- DANILA DILBA MEDICAL SERVICE, Darwin Upgrade, $100 K
- JULANIMAWU HEALTH CLINIC, w/ Jackman Gooden Architects, $3 Mil
- NGUIU + MANINGRIDA HEALTH CLINICS, Cultural Planning, $50 K
- DARWIN PALIATIVE CARE UNIT, w/ Jackman Gooden Architects, $4.8 Mil
- MALABAM HEALTH BOARD, Scoping Study

**Selected Housing Projects:**
- GALIWINKU 1993 / 94 HOUSING PROGRAM, $1.015 Mil
- MARTHAKAL HOMELANDS RESOURCE CENTRE, HOUSING 95/6, $850 K
- BAC NAHS HOUSING, WATER + ELECTRICAL INFRASTRUCTURE, $4.8 Mil
- PULARUMPI 1992/93/94 HOUSING PROGRAM, $890 K
- UMBAKUMBA NAHS HOUSING PROGRAM, $2.4 Mil
- DAGURAGU NAHS HOUSING + INFRASTRUCTURE, $2.9 Mil

**Selected Education Projects:**
- GARMA KNOWLEDGE CENTRE, New Remote Area Education & Conference Facility, $3-4 Mil
- BELUEN SCHOOL OFFICE + LIBRARY, $450 K
- OUTSTATION SCHOOLS at Bulukaduru, Mankorlod + d Mumeka
- BATCHelor STUDY CENTRES, at Maningrida, Nyrripi, Arlparra, Ngukurr + Minjilang, $100 K to $400 K
- MAMARUNI SCHOOL, New Primary Aged School, $2.8 Mil
- MANYALLALUK SCHOOL, New Primary Aged School, $950K
- MAPURRU SCHOOL, New Primary Aged School, $850K
- DARWIN MIDDLE SCHOOL, New Middle School, w/ Jackman Gooden Architects, $25 Mil

**Selected Commercial Projects:**
- MANINGRIDA PROGRESS ASSOCIATION, Office + Accommodation, $900 K
- DECKCHAIR CINEMA DARWIN, Outdoor Cinema Complex, $300 K
- GUNDJEIHWI OFFICE, New Office Building at Jabiru, $1.8 Mil