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Visionary Design Development Pty Ltd operates at the intersection of human needs and the built environment.

We deliver specialist accessibility consultancy services to government, particularly Local Government Authorities (LGAs) to generate ideal environments in which to nurture enterprise and healthy local communities.

**LOCAL GOVERNMENT
Scope of Experience
Urban Realm Accessibility:**

- **Research**
- **Assessment**
- **Training**



*Participatory Assessment
Kensington UMI*



*Urban Analysis Database
Moreland City Council*



*Focus Group
City of Melbourne*

URBAN ENVIRONMENT – PARTICIPATORY ASSESSMENT

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| PROJECT | Universal Mobility Index (UMI) Kensington pilot |
| YEAR | 2010 - 2011 |
| LOCATION | Kensington (Metropolitan Melbourne) |
| CLIENT | Masters Research Project supervised by The University of Melbourne and supported by City of Melbourne |
| BRIEF | Practical implementation of UMI Methodology for purposes of Mary Ann Jackson minor thesis Master of Environment: Assessing Accessibility using a Participatory Quantitative Approach: Strengths and Challenges of the Universal Mobility Index. |
| SUMMARY | <p>The Universal Mobility Index (UMI) developed by VDD director Ralph Green from a Social Science Masters Thesis is the first and only tool devised to measure the overall accessibility of the built environment. Use of the UMI will allow any level of organisation to:</p> <ul style="list-style-type: none"> • Assess what changes to the built environment persons with disabilities want made • Prioritise these changes in accordance with the wishes of people with disabilities. • Assess, reassess and longitudinally track their record of access provision. • Measure success and inform all stakeholders. |

The UMI methodology includes identification and accessibility assessment of footpaths, pedestrian crossings, public spaces, commercial and public buildings, plus private dwellings. Assessment undertaken by people with disabilities. The Kensington pilot was completed in conjunction with City of Melbourne and University of Melbourne.

MORELAND CITY COUNCIL



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| PROJECT | Access and Mobility Audit: Glenroy Major Activity Centre and Shopping Strip Renewal Program |
| YEAR | 2012 |
| LOCATION | Moreland City Council (Metropolitan Melbourne) |
| CLIENT | Moreland City Council: Integrated Transport Unit, Transport Co-ordinator |
| BRIEF | Audit urban infrastructure and building entry at 51 shopping centre locations throughout Moreland. |
| SUMMARY | An Advanced Access Auditing Methodology (AAAM) was developed. Extensive data collection (building entry, footpaths, intersections, transport, street furniture, parking etc) managed by capture to a relational database providing instant access to information via simple or complex queries. Summaries were produced for comparison and prioritisation of shopping strip locations by means of calculated accessibility scores for both locations overall and their sub-component scores (pedestrian routes, transport, wayfinding, street furniture etc). A prioritisation matrix was applied to the accessibility scores to provide a logical framework to plan which interventions would provide superior cost/accessibility benefit. Reporting included production of maps and supporting graphic material. |

CITY OF PORT PHILLIP



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| PROJECT | Accessible Carparking Review Project |
| YEAR | 2014 (completed early 2015) |
| LOCATION | City of Port Phillip (Metropolitan Melbourne) |
| CLIENT | City of Port Phillip: Sustainability Department, Traffic and Parking Design Unit |
| BRIEF | Audit approximately 205 onstreet accessible carparking bays in approximately 150 locations throughout City of Port Phillip. |
| SUMMARY | Accessible Carparking Auditing Methodology (ACAM) developed. Extensive literature review backgrounding Accessible Carparking completed. Site data collection (carpark bay sizes, number of bays in location, GIS co-ords of location, adjacent features, surrounding obstructions, etc) managed by electronic capture to a custom-built relational database provides instant access to information via simple or complex queries. Statistical analysis undertaken for comparison and contribution to prioritisation of location upgrade or relocation. Comprehensive community consultation completed. Prioritisation Matrix developed, providing a logical framework for determining which interventions achieve superior compliance/ accessibility benefit. Reporting includes production of maps and supporting graphic material. Relevant findings compiled in format directly compatible with Council GIS system. |

MOONEE VALLEY CITY COUNCIL



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| PROJECT | Accessible Parking Review and Strategy Development |
| YEAR | 2015 |
| LOCATION | Moonee Valley City Council (Metropolitan Melbourne) |
| CLIENT | Moonee Valley City Council: Aged and Disability Services |
| BRIEF | Locate and Audit approximately 237 accessible carparking bays in approximately 178 locations, on-street and off-street, throughout Moonee Valley City Council. |
| SUMMARY | Accessible Carparking Auditing Methodology (ACAM) further refined to include off-street accessible carparking. Extensive literature review backgrounding Accessible Carparking updated. Manual (in the field) and desktop (electronic) locating of spaces. Site data collection (carpark bay sizes, number of bays in location, GIS co-ords of location, adjacent features, surrounding obstructions, etc) for both on- and off-street locations managed by electronic capture to refined custom-built relational database providing instant access to information via simple or complex queries. Statistical analysis undertaken for comparison and contribution to prioritisation of location upgrade or relocation. Prioritisation Matrix developed, providing a logical framework for determining which interventions achieve superior compliance/ accessibility benefit. Reporting includes production of maps and supporting graphic material. Relevant findings compiled in format directly compatible with Council GIS system. |

CITY OF MELBOURNE



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| PROJECT | Accessing Inclusive Tennis |
| YEAR | 2016 |
| LOCATION | City of Melbourne (Royal Park, Parkville and Princes Park) |
| CLIENT | City of Melbourne: City Design Studio |
| BRIEF | Review accessibility of four tennis clubs: North Park Tennis Club, Parkville Tennis Club, Princes Hill Tennis Club and Royal Park Tennis Club. |
| SUMMARY | Extensive research into Inclusive Tennis conducted. Wheelchair tennis, deaf tennis, Special Olympics tennis, vision-impaired tennis, etc, requirements understood. Literature Review compiled. Concepts of macro-INclusion and Diverse Users, Diverse Spaces and Diverse Facilities adapted. Accessibility of Tennis Clubs reviewed and existing conditions documented. Schematic designs illustrating recommended upgrades produced. Written Report, Accessing Inclusive Tennis, including Executive Summary and Recommendations delivered. Stakeholder Engagement and application of Prioritisation Matrix Analysis recommended for priority determination. |

MARIBYRNONG CITY COUNCIL



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| PROJECT | Accessing Council |
| YEAR | 2016 |
| LOCATION | Maribyrnong Council Offices Complex (cnr Hyde and Napier Streets, Footscray) |
| CLIENT | Maribyrnong City Council: City Design Studio |
| BRIEF | Review accessibility of Maribyrnong Council Offices Complex: Link Building, Municipal Offices, Footscray Town Hall and Community Wellbeing Building. |
| SUMMARY | Extensive research into 'Accessible Council' conducted and requirements understood. Literature Review compiled. Accessibility of Maribyrnong Council Offices Complex reviewed and existing conditions analysed. Preliminary higher priority items established. Written Report, Accessing Council, including Executive Summary and Recommendations delivered. Stakeholder Engagement and application of Prioritisation Matrix Analysis recommended for priority determination. |

CITY OF STONNINGTON



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| PROJECT | Accessing South Yarra Station |
| YEAR | 2017 |
| LOCATION | South Yarra Station and Surround |
| CLIENT | City of Stonnington: City Strategy |
| BRIEF | Carry out overview accessibility assessment of Premium suburban railway station and surround, including Fieldwork, Literature Review, Executive Summary, Recommendations and comprehensive written report. |
| SUMMARY | As a high-usage, inner SE Melbourne, Premium, Interchange Station, an overview investigation of South Yarra Station, focussed on accessibility for people with disability was undertaken. An extensive literature review afforded insight into relevant legislation, applicable government and transport operator policy, transport operator design standards, and best practice. |

MORELAND CITY COUNCIL



- PROJECT** Implementing Accessibility: Focus Statutory Planning
- YEAR** 2016
- LOCATION** Moreland City Council offices
- CLIENT** Moreland City Council
- BRIEF** Provide professional development lecture and workshop to City of Moreland town planners.
- SUMMARY** 'Implementing Accessibility'. Presentation covering 'Disability, Society and the Built Environment' and 'Accessibility Regulatory Framework', followed by Workshop investigating Moreland City Council planning application case studies. Outcomes include: Statutory planners better able to 'implement' accessibility, while still working within constraints of planning instruments (ie permits, permit conditions, VCAT appeals etc) and Strategic Planners better able to formulate Moreland Planning Scheme amendments to embed built environment accessibility at Planning stage.

PLANNING INSTITUTE OF AUSTRALIA



- PROJECT** Implementing Accessibility: Focus Statutory Planning
- YEAR** 2017
- LOCATION** PIA Meeting Room, Melbourne.
- CLIENT** Planning Institute of Australia (PIA)
- BRIEF** Lecture and workshop for Built Environment Professionals working in Statutory Planning.
- SUMMARY** 'Implementing Accessibility'. Presentation covering 'Disability, Society and the Built Environment', 'Accessibility Regulatory Framework', and 'Universal Design' followed by Practical Exercise reviewing CBD pedestrian environment in the context of Mobility Restrictions and Universal Design, followed by Workshop investigating various LGA planning applications in case studies. Outcomes include: LGA Statutory planners better able to 'implement' accessibility, while still working within constraints of planning instruments (ie. permits, permit conditions, VCAT appeals etc) and Planners working in other fields to better understand 'Accessibility in the Built Environment'.

MORNINGTON PENINSULA SHIRE



- PROJECT** Understanding 'Accessibility in the Built Environment'
- YEAR** 2017
- LOCATION** Mornington Library (Meeting Room), Vancouver Street, Mornington.
- CLIENT** All Abilities Consultative Committee (AACC) Mornington Peninsula Shire,
- BRIEF** Presentations and Workshops for Members of the AACC
- SUMMARY** Understanding 'Accessibility in the Built Environment' - a two part training session, comprising presentation and workshop. Topics covered include Models of Disability, Performance Vs Prescription, Legislation overview, hierarchy and framework, Australian Standards, Performance solutions etc. Group work included recommendation of appropriate rectifications to infrastructure and identifying appropriate advocacy channels.

IPWEA VICTORIA



- PROJECT** Understanding 'Accessibility in the Built Environment'
- YEAR** 2018
- LOCATION** IPWEA Victoria Public Works Conference Engineering Today & Tomorrow
- BRIEF** Deliver conference presentation
- SUMMARY** 'Accessing the Community'. Presentation covering Models of Disability including Charity, Medical, Social, and Human Rights models, Built Environment Accessibility Legislation, Universal Mobility Index (UMI) Kensington pilot results, and practical suggestions for more accessible infrastructure.

CITY OF MELBOURNE



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| PROJECT | Mobility Services Investigation – Smart phone Navigation for Vision Impaired |
| YEAR | 2012 |
| LOCATION | City of Melbourne (CBD) |
| CLIENT | City of Melbourne: Ageing and Inclusion, Community Services Branch |
| BRIEF | Explore possibilities of translating CoM Geographic Information Systems accessibility data to smartphone app for navigational by people who are blind or vision impaired. |
| SUMMARY | The extensive cartographic information held by CoM (every doorway, building line, tree, planter box bin etc is precisely geo-referenced – latitude & longitude) provided a wealth of data for smartphone application. Research involving international providers of navigational apps plus consultation with CoM Geographic Information Systems determined what data could be migrated to an existing app and the necessary formats. |

CITY OF MELBOURNE



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| PROJECT | Accessible Business Premises: Social and Economic Benefits |
| YEAR | 2008 |
| LOCATION | Melbourne (predominantly CBD) |
| CLIENT | City of Melbourne |
| BRIEF | Report on investigations into the social and economic benefits of businesses making their premises more accessible. The document is to inform building owners and business people regarding the coming Access to Premises legislation. |
| SUMMARY | A review of international legislation, building codes and standards in Australia and four other anglophile countries (UK, Canada, USA and NZ), Scandinavia/ Europe, Japan and Brasil was undertaken. Case studies of best accessible retail premises (Melbourne) were undertaken. |

MORELAND CITY COUNCIL



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| PROJECT | Surfaces/ Accessible Bluestone Laneway Design Advice |
| YEAR | 2012 – 2014 |
| LOCATION | Moreland City Council (Metropolitan Melbourne) |
| CLIENT | Moreland City Council: Urban Design/ Engineering Services/ MetroAccess |
| BRIEF | Surfaces/ Accessible Bluestone Laneway Design Advice. Accessibility advice to Council staff for Bluestone Laneways reconstruction project. |