



FRANKSTON CITY COUNCIL

COUNCIL MEETING SUPPORTING INFORMATION

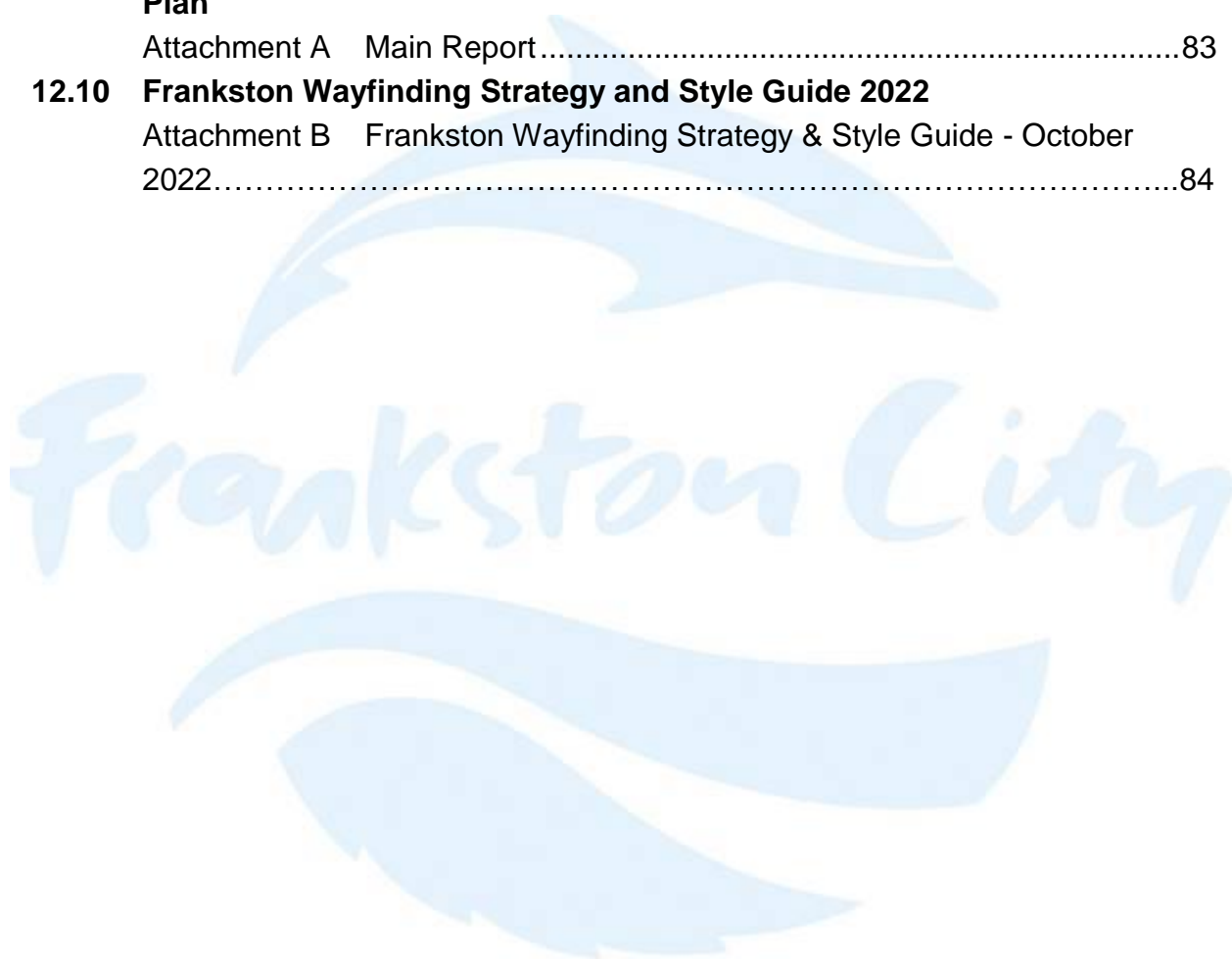
2022/CM18

12 DECEMBER 2022



TABLE OF CONTENTS

12.4	Frankston City Health and Wellbeing Plan 2021-2025 - Year One Annual Report and Draft Year Two Action Plan	
	Attachment A Year One Annual Report	1
12.6	Update to the Long Term Infrastructure Plan 2022-2032	
	Attachment A Long Term Infrastructure Plan 2022-32 - 2022/23 & 2023/24 Update	43
12.7	Draft Community Needs Assessment and Community Infrastructure Plan	
	Attachment A Main Report	83
12.10	Frankston Wayfinding Strategy and Style Guide 2022	
	Attachment B Frankston Wayfinding Strategy & Style Guide - October 2022	84



Consideration of Reports of Officers

FRANKSTON CITY HEALTH AND WELLBEING PLAN 2021-2025 - YEAR ONE ANNUAL REPORT AND DRAFT YEAR TWO ACTION PLAN

Year One Annual Report

Meeting Date: 12 December 2022

Attachment: A



Year One Annual Report

Frankston City Health and Wellbeing Plan 2021-2025

Contents

Health and Wellbeing priorities.....	3
Our Health and Wellbeing Plan 2021-25.....	4
Our performance.....	4
Year One Highlights.....	4
Year One Summary.....	7
Annual scorecard – Health and Wellbeing Plan progress.....	8
Priority 1.....	8
Priority 2.....	15
Priority 3.....	20
Priority 4.....	29
Priority 5.....	34
Priority 6.....	38

Acknowledgement

Acknowledgement Frankston City Council acknowledges the Bunurong people of the Kulin Nation as the Traditional Custodians of the lands and waters in and around Frankston City, and value and recognise local Aboriginal and Torres Strait Islander cultures, heritage and connection to land as a proud part of a shared identity for Frankston City.

Council pays respect to Elders past and present and recognises their importance in maintaining knowledge, traditions and culture in our community.

Council also respectfully acknowledges the Bunurong Land Council as the Registered Aboriginal Party responsible for managing the Aboriginal cultural heritage of the land and waters where Frankston City Council is situated.

Health and Wellbeing Priorities

Council's Health and Wellbeing Plan has been developed to progress six priority areas to improve the health and wellbeing of our community.

Priority 1

Building healthy and active communities

- 1.1 Improve opportunities for walking, cycling and active travel
- 1.2 Improve access to public open spaces, play spaces and recreation facilities
- 1.3 Improve access to inclusive club sports and active recreation activities
- 1.4 Improve healthy eating and food security to support good nutrition across the life course

Priority 2

Building fair and inclusive communities

- 2.1 Partner and advocate to reduce health inequities, poverty and disadvantage
- 2.2 Partner and advocate to improve equitable access to education, employment and housing
- 2.3 Strengthen relationships to support Aboriginal self-determination and reconciliation

Priority 3

Increasing mental wellbeing and resilience

- 3.1 Support opportunities to build social inclusion and community connection
- 3.2 Increase volunteering and community participation
- 3.3 Foster social cohesion and community harmony

Priority 4

Strengthening climate action for community wellbeing

- 4.1 Increase awareness of the health impacts of climate change
- 4.2 Strengthen response to public health threats and emergencies for vulnerable communities
- 4.3 Support healthy and sustainable homes, buildings and public spaces

Priority 5

Strengthening gender equality and respectful relationships

- 5.1 Build partnerships to prevent family violence, violence against women, and elder abuse
- 5.2 Strengthen equitable, safe and respectful relationships
- 5.3 Create gender equitable workplaces, services and programs

Priority 6

Building safe communities

- 6.1 Create safe public spaces through Council policy, planning and design
- 6.2 Build partnerships that change cultures and reduce harms from alcohol and other drugs and gambling
- 6.3 Create smoke free communities

Our Health and Wellbeing Plan 2021-25

The Health and Wellbeing Plan 2021–2025 is Frankston City Council’s strategic plan for how we will work with our partners over the next four years to create well planned and liveable environments with healthy, strong and safe communities so everyone has the equal opportunity to enjoy good health and wellbeing at every stage of life.

The Plan meets the statutory requirements of the *Public Health and Wellbeing Act 2008*, and aligns with the Council Plan 2021-2025, Community Vision 2040 and Municipal Strategic Statement.

This annual report is an annual review of the progress made towards the six priorities outlined in the Plan during Year One (2021-22), providing an assessment of the implementation of the actions within the Plan’s Year One Action Plan.

Our performance

Year One Highlights

Building health and active communities

- Council’s Connecting Communities: Integrated Transport Strategy 2022-42 has been developed with input from the community and partners and is being presented to Council for adoption in December 2022. The Strategy will provide a blue print to guide transport planning and decision making over the next 20 years so transport in Frankston City will support healthy, liveable, safe, sustainable and inclusive lifestyles.
- Council’s Play Strategy and Local Park Action Plan were adopted by Council in 2021 to guide a new approach to open space improvements in Frankston City. Improvements are already underway, with activities completed at Noel Reserve, Wittenberg Reserve, Lady Emily Reserve and John Monash Reserve. Exciting developments are also underway at the Carrum Downs Recreation Reserve and Ballam Park Junior Play Space.
- Pop-up Playgroups in open spaces have been established in open spaces and been a great success! The outdoor playgroups have been running once per week in various locations across the municipality to encourage families back to playgroup following the lifting of the pandemic restrictions, while also providing free recreational activities that promote physical activity. The playgroups have seen high attendance with between 20-40 families per session. All Playgroups are supported by a facilitator who offers support and links families in attendance to various services.
- Council has entered into a new lease agreement with St Kilda Football Club to facilitate the running of the Belvedere Facility as a centre for health and wellbeing hub which is planned to house between 12 – 14 tenants. This will also involve an innovative partnership with the National Centre for Healthy Ageing to explore the establishment of a world first simulated research facility which will enable older residents to test and embrace technology that might assist them to remain independent longer.

Building fair and inclusive communities

- The Disability Access & Inclusion Committee (DIAC) has reached a milestone and has been operating at Council for over 10 years. There are currently 12 members whom meet monthly. A Councillor attends all the meetings. The group provide feedback on Council projects, infrastructure works and plan events.
- Council’s Reconciliation Action Plan has been successfully implemented this year, with a highlight being the introduction of cultural awareness raising training to support staff to learn about cultural differences so Council can work more effectively with the local Aboriginal and Torres Strait Islander communities. Council also actively celebrated Aboriginal and Torres Strait Islander culture by

supporting NAIDOC Week activities conducted by Nairm Marr Djambana and Reconciliation Week activities for Council staff.

- Council has participated in the Frankston City Strategic Housing & Homelessness Alliance led Frankston Zero initiative throughout Year One to proactively support rough sleepers into long-term secure housing, coordinating the Hot Spots Group to refer rough sleepers to assertive outreach. A total of 20 rough sleepers have been housed since Frankston Zero commenced in July 2021.
- To celebrate International Women's Day Council supported the Frankston Business Collective to deliver a Live event where three local female business owners, were interviewed. The event aired live on the Invest Frankston Facebook page and helped celebrate and bring awareness to the difficulties and triumphs women face in business as the trio spoke about their journey's to business success.

Increasing mental wellbeing and resilience

- The Karingal PLACE Neighbourhood Centre launched the Chatty Café initiative aimed at reducing social isolation and loneliness by encouraging and creating opportunities for people to interact through conversation. The Chatty Café recently commenced, providing an open invitation for residents to get together and have a chat over a tea or coffee.
- Council has successfully delivered the Jobs Victoria Advocates Program to support people to prepare for and secure employment through the provision of information, referral and connection to available resources and supports. As of October 2022, a total of 2,531 job seekers engagements had been made in Frankston City across various outreach locations.
- The TAC L2P Learning Driver Mentor Program to provide on-road driving experience for learner drivers who would otherwise find it difficult to gain the minimum of 120 hours driving required. The program has had an intergenerational focus, matching young learners aged from 16-23 years with volunteer supervising drivers aged up to 84 years. Since October 2021, the program has assisted 19 learners to obtain their probationary licence and on-boarded twelve new mentors. As well as road safety and mobility benefits, the program has also delivered social benefits, including increasing community connectedness and reducing social isolation.
- The introduction of Council's Community Engagement Framework and Engage Frankston! online engagement platform has significantly improved Community engagement and inclusion during Year One, with over 130,000 community members viewing 86 engagement projects online, and over 11,000 contributions received. In addition, multiple projects have used other engagement methods to connect with diverse community audiences, including pop-ups, workshops, community panels, deliberative polling and engaging at community events. Community satisfaction with Council's engagement increased by 10% (as per the Community Satisfaction Survey).

Strengthening climate action for community wellbeing

- A significant amount of work has been done to develop Council's Draft Climate Change Strategy and Action Plan to more clearly identify the risks, opportunities and priorities for Frankston City to reduce emissions and build resilience to climate change impacts. Work completed had included a gap analysis, emissions profiles and reduction trajectory and a vulnerability assessment. The Draft Strategy and Action Plan will be released for a four-week public consultation in late 2022.
- Council's Emergency Management Officers, emergency services and disability support providers worked collaboratively with the Disability Access & Inclusion Committee (DAIC) to host a Disability Inclusive Emergency Planning workshop to support strategies to support the preparedness of people with disabilities and develop strategies that support the wellbeing of people with disabilities before, during and after emergencies.

- The Planning Scheme Amendment C138 was introduced to place the Local Environmental Sustainable Development Planning Policy into the Frankston Planning Scheme to ensure that developments in Frankston City achieve best practice in environmental sustainability. This planning scheme amendment is now being implemented, with fact sheets developed and further progress to take place in Year Two.
- Implementation of the ESD Standards for Council Buildings Policy has commenced to improve the environmental credentials of Council's building projects, with highlights including: Lloyd Park Senior Pavilion (currently in construction) being constructed to a 5 Star Green Star rated design; Eric Bell Pavilion Redevelopment (currently in construction) being constructed to a 5 Star Green Star rated design; and the Jubilee Park Stadium Redevelopment (currently in construction) being constructed to a 4 Star Green Star design. All of Council's minor to medium building projects are now being guided by an ESD Matrix Tool developed and designed by South East Council's Climate Change Alliance (SECCCA) and its member Council's. Similar to Green Star, the tool enables users to select environmental ratings (target) for their building project to suite specific needs.

Strengthening gender equality and respectful relationships

- The Men as Role Models Mentoring Program was launched in August 2022 as a new and innovative mentoring pilot program that aims to support and develop boys and men to be the best version of themselves and become leaders in respect and gender equality in their communities. An online community forum was held to promote the importance and benefits of mentoring to the community. Mentor training took place with Whitelion Youth and the Jesuit Social Services in healthy masculinities and gender equality.
- An event was held to commemorate World Elder Abuse Awareness Day (WEAAD) which was delivered in partnership with Peninsula Community Legal Centre and Better Place Australia and attended by 25 community members. The event focussed on primary prevention of elder abuse by improving competency around powers of attorney, wills and where to seek legal advice.
- A campaign was delivered in support of 16 Days of Activism highlighting the need to prevent violence against older women. The '16kms in 16 Days' awareness raising campaign was planned, implemented and evaluated in partnership with the Respecting Seniors Network.
- Council completed a Workplace Gender Audit during Year One to inform the development of a Gender Equality Action Plan (GEAP), which was adopted by Council in 2022. The audit included a People Matter Survey and analysis of workforce data. The GEAP provides Council's commitment to gender equality to ensure that all staff can have an equal lived experience and gender, ethnicity, disability and being of Aboriginal or Torres Strait Islander background is not a barrier to recruitment, promotion, access to learning & development and employment conditions.

Building safe communities

- The Lighting Frankston Plan 2021 was adopted at the end of 2020 and implemented during Year One to improve the safety, comfort and enjoyment of public spaces. Highlights include the completion of lighting at Frankston Pier as a key landmark, and lighting in the Fletcher Road underpass is underway.
- The Local Shopping Strip Action Plan 2021 was adopted in 2021 and commenced implementation to improve the public realm and streetscape environment, which contribute towards perceptions of safety. Funding was secured to upgrade the Excelsior Road shopping strip in Frankston North, and planning is underway for Fairways St in Frankston East.
- The Karingal PLACE Neighbourhood Centre launched the Find Yourself at Karingal PLACE initiative in partnership with Gambler Help Southern to provide evening activities as an alternative to gambling. Libraries After Dark




- Significant progress has been made during Year One to develop a Safer Communities Policy and Strategy. An inclusive community consultation was held throughout the year to capture a diverse range of voices to better understand the community's key safety concerns. Community consultation highlights included the completion of nearly 200 online surveys, eight targeted workshops, two events, two pop-ups and a community panel workshop. The community's primary safety concern was found to be personal safety in public places.

Year One summary

There were a total of 131 actions in the Year One Action Plan, the status of which are outlined in the table below.

In total, 13 actions were fully completed in Year One with a further 103 having had significant progress made and progressing into 2022-23 Year 2 Action Plan.

A further 15 actions identified for the Year One Action Plan are not proceeding due to a change in strategic direction or resourcing since the Year One Action Plan was adopted in October 2021.

Action status		Definition	No. of actions
Complete		Action completed during Year One	13
Progressing		Progress has been made during Year One, with the action continuing into Year Two (2022-23)	103
Not proceeding		Action not proceeding due to a change in strategic direction or resourcing	15

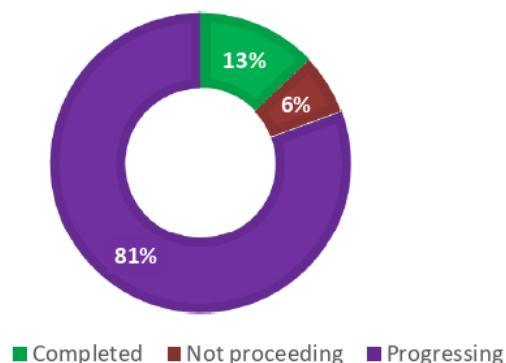
Annual Scorecard

Health and Wellbeing Plan progress

Priority 1






Building healthy and active communities







- 1.1** Improve opportunities for walking, cycling and active travel
- 1.2** Improve access to public open spaces, play spaces and recreation facilities
- 1.3** Improve access to inclusive club sports and active recreation activities
- 1.4** Improve healthy eating and food security to support good nutrition across the life course















Complete	✓
Progressing	➡
Not proceeding	✗






	Year One Actions	Progress Comments	Status
1.1.1	Develop and adopt an Integrated Transport Strategy that emphasises improving sustainable transport choices and makes active travel easy, safe and accessible.	A Draft Integrated Transport Strategy was developed, with two rounds of community consultation conducted in Nov/Dec 2021 and Aug/Oct 2022. The Draft Strategy is being presented to Council for adoption in December 2022.	✓
1.1.2	Develop a Bicycle Strategy and Cycle Improvement Plan to provide more opportunities for cycling and improve shared path connections with local open spaces, schools, community facilities, activity centres and employment precincts.	Research was undertaken to scope the resource requirements for developing the Bicycle Strategy. A design brief is currently in development, a project control group is being established and staff training with the Department of Transport is planned to progress this project in Year Two.	➡


	Year One Actions	Progress Comments	Status
1.1.3	Develop a Road Safety Plan to improve cycling and pedestrian safety and build confidence in active travel and recreation.	A proactive approach to road safety has been considered in the Local Area Traffic Management Strategy, with planning occurring across 31 precincts to improve pedestrian and cycling safety and priorities embedded into the Long-Term Infrastructure Plan. This action will be continued in Year's Three or Four once the implementation plan for the Integrated Transport Strategy is developed.	
1.1.4	Advocate to, and partner with, state government and public transport providers to improve cycling and pedestrian infrastructure, and increase reliability, coverage and frequency of train and bus services to decrease reliance on motor vehicles.	Council successfully advocated to the Department of Transport for Major Road Projects Victoria to make various local cycling and pedestrian infrastructure improvements across the municipality, including upgrades to existing paths and shared user paths like the upgrade of the shared user path on Ballarto Road to improve the connection from Skye Reserve to Western Port Hwy.	
1.1.5	Review the pathway design standards to consider place-based community need and apply them to meet universal access to improve accessibility and encourage active travel, walking and cycling for people of all ages and abilities.	Resources were focused on developing the Connecting Communities: Integrated Transport Strategy during Year One. This action will be taken up in Actions 1.1.2 and 1.1.3 in Year Two.	
1.1.6	Initiate partnerships to explore the delivery of promotional and education campaigns about the benefits of walking and cycling for active travel and recreation, including participating in the Ride to Work Day and Walk to School campaigns.	Resources were focused on developing the Connecting Communities: Integrated Transport Strategy during Year One. Partnerships to explore promotional and educational campaigns will be progressed during Year Two.	
1.1.7	Consider the transport and movement needs of the local community in the Frankston City Metropolitan Centre Structure and Revitalisation plans to ensure there is universally accessible infrastructure to enable active travel.	The Draft Frankston Metropolitan Activity Centre Structure Plan was developed and endorsed by Council in October 2022 for community consultation. This document will be finalised in Year Two.	

	Year One Actions	Progress Comments	Status
1.2.1	Undertake a community infrastructure and social needs assessment to review our open space network to inform the development and review of key strategic strategies and plans.	A Community Needs Assessment and Draft Community Infrastructure Plan was completed with input from all Council Departments. An Executive Summary of the Plan is going to Council for adoption in December 2022.	
1.2.2	Review the Open Space Strategy to ensure the provision of a diverse range of high quality public open spaces that people want to be active in, including people of all ages, genders and abilities.	Resources were not available to complete this action in Year One. This will be progressed during Year Two, subject to funding.	
1.2.3	Adopt and deliver a Play Space Strategy and Local Park Plan to create a diverse range of accessible and inclusive play spaces and local parks that all people want to use.	The Frankston City Play Strategy and Local Park Plan were adopted by Council in 2021 and implementation is underway, with activities completed at Noel Reserve in Langwarrin, Wittenberg Reserve, Lady Emily Reserve, John Monash Reserve, and activities underway at a range of other reserves including Carrum Downs Recreation Reserve and Ballam Park Junior Play space.	
1.2.4	Develop Open Space and Play Space Design Standards to improve the accessibility and design of our open spaces.	A number of open space design standards were completed as part of the Frankston City Play Strategy and Local Park Action Plan. This action will be further progressed in Year Two.	
1.2.5	Update the Sports Development Plan to provide sports and active recreation infrastructure that meets contemporary standards and is accessible and inclusive of all people.	Progress has been made to update the Sports Development Plan during Year One. This action will be further progressed in Year Two.	
1.3.1	Adopt and deliver the Leisure Strategy 2021-2029 to respond to identified community needs and provide inclusive opportunities for all people to be active.	The Leisure Strategy 2021-2029 was developed and adopted by Council on 15 November 2021.	

	Year One Actions	Progress Comments	Status
1.3.2	Explore opportunities to engage families in affordable recreational activities that promote physical activity and play, including outdoor family exercise classes and pop-up playgroups.	Pop-up playgroups in open spaces have been established during Year One, operating weekly in various locations across the municipality with an average attendance 20 families per session. A playgroup facilitator has been in attendance at all sessions to offer support to families. Due to the success of this action during Year One, planning is underway to increase the number of pop-up playgroups offered during Year Two.	
1.3.3	Undertake an Infrastructure Impact and Club Strength Assessment to determine sports club capacity building initiatives.	A reporting structure has been established using a PowerBI Reporting Dashboard. This action will be further progressed in Year Two, including roll out across facilities.	
1.3.4	Proactively apply for infrastructure grants to improve open space, sports and active recreation infrastructure provision for all people.	10 grant applications for infrastructure improvements to sports clubs were submitted during Year One, eight to State Government and two to the Commonwealth Government. Of these, a total of nine were successful.	
1.3.5	Extend the use of the Belvedere Facility to enable the delivery of community participation opportunities that promote health and wellbeing.	Council has entered into a new lease agreement with St Kilda Football Club to facilitate the running of the Belvedere facility as the Belvedere Health and Wellbeing Hub with 12 to 14 sub-tenants.	
1.3.6	Co-design and deliver a culture change program for sporting clubs to achieve greater gender equity, both on and off the field, to improve inclusion and increase participation.	A series of community workshops were held to co-design a Sports Club Gender Self-Assessment Tool, which has been completed and rolled out. 15 clubs have utilised the Self-Assessment Tool to date, with more clubs expected to utilise the tool in the future.	
1.3.7	Build greater equality and inclusion into sports clubs through service level agreements and facility user obligations.	Progress has been made during Year One to update lease agreements as they came up for renewal with specific requirements for the delivery of community outcomes that support gender equality, inclusion and broader participation.	

	Year One Actions	Progress Comments	Status
1.4.1	Continue to implement the Healthy Choices Policy to embed healthy food and drink options in council-owned facilities and events to encourage healthy choices.	The Healthy Choices Policy was implemented through Youth Services programs and events, including Youth Hangouts, a cooking program at Karingal PLACE, school holiday programs, Youth Central/Drop-in, youth based events and Youth Council meetings. This action will be further progress during Year Two.	
1.4.2	Investigate implementing the Achievement Program in early childhood settings to support healthy eating, nutrition, positive food habits and food literacy.	Resources were not available to progress this action Year One due to other priorities. This will be progressed in Year Two.	
1.4.3	Train Maternal and Child Health Nurses in the INFANT program to better support parents and families to eat healthily from the start of their baby's life.	INFANT training for Maternal and Child Health Nurses commenced during Year One and will be fully rolled out by June 2023. INFANT training will be ongoing for new Maternal and Child Health Nurses.	
1.4.4	Advocate for funding to implement the INFANT program to be delivered through the Maternal and Child Health Service to support parents and families to eat healthily from the start of their baby's life.	Resourcing was not available in Year One to roll out the INFANT program due to other team priorities. Funding to deliver the INFANT program will be sought in Year Four.	
1.4.5	Work in partnership to deliver initiatives that encourage healthy eating throughout the middle years and youth, through Youth Services and Frankston City Libraries.	Healthy choices being provided through youth service programs and events, guided by our Healthy Choices Policy. Healthy eating was also promoted by Youth Services to young people through a variety of mechanisms. Frankston Libraries will progress this action during Year Two.	
1.4.6	Build partnerships to investigate a healthy eating initiative for eligible consumers of in-home support services to encourage the preparation of healthy meals.	Resourcing was not available to deliver this action during Year One. Due to other service priorities, this action will not continue.	

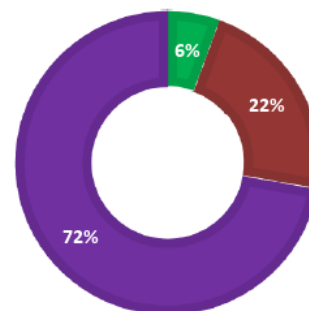
	Year One Actions	Progress Comments	Status
1.4.7	Continue to support sports clubs in council-owned facilities to provide healthy eating environments and promote water as the drink of choice.	The Healthy Choices Policy and Water in Sports initiative were used to guide support provided to sporting clubs during Year One.	
1.4.8	Develop a Healthy, Secure and Sustainable Food Action Plan to improve access to healthy food within the municipality.	Research and project planning commenced during Year One to develop the Action Plan. This action will be progressed during Year Two.	
1.4.9	Promote initiatives such as food swaps, community meals, school breakfasts, food banks, community gardens and other community led food projects.	Council has supported Community gardens to continue to run and participate in food swaps and other food related initiatives. Community meals, school breakfasts, food banks and community led food projects will be included within the scope of the Healthy, Secure and Sustainable Food Action Plan.	
1.4.10	Build partnerships to explore opportunities to transform local community spaces into places for the community to come together and grow healthy food, learn new skills, connect and be sustainable.	The community kitchen garden at Frankston North Community Centre was utilised to encourage seasonal menus in the centre's community training café to provide low cost community meals, and to provide local residents with access to fresh seasonal produce. This will be further progressed in Year Two. Frankston South Community and Recreation Centre successfully secured a VicHealth grant to explore culture through food, implemented a community program. This program will be further progressed in Year Two.	
1.4.11	Participate in The Community Plate to take a collective impact approach to improving access to the local food system and encourage healthy eating.	Council has continued to participate in the Community Plate, as a collective impact to improve health eating within the region. A community action group was established to improve access to the local food system and encourage healthy eating.	

	Year One Actions	Progress Comments	Status
1.4.12	Introduce a Seed Library at Frankston Libraries as a free borrowing service to encourage people to grow their own fresh food and plants.	The Seed Library was trialled at Frankston Library in March 2022 and learnings were made. The Seed Library is being reviewed for improvements, and this action will be progressed in Year Two.	

Priority 2

Building fair and inclusive communities







- 2.1** Partner and advocate to reduce health inequities, poverty and disadvantage
- 2.2** Partner and advocate to improve equitable access to education, employment and housing
- 2.3** Strengthen relationships to support Aboriginal self-determination and reconciliation












■ Completed ■ Not proceeding ■ Progressing


Complete	✓
Progressing	➡
Not proceeding	✗

	Year One Actions	Progress Comments	Status
2.1.1	Explore methods to develop stories highlighting the health and wellbeing needs of Frankston City's diverse community to inform the delivery of services and infrastructure.	Resources were not available during Year One to progress this action. This action will be progressed during Year Two.	➡
2.1.2	Explore methods to develop stories highlighting the health and wellbeing needs of Frankston City's diverse community to inform the delivery of services and infrastructure.	The Disability Action Plan 2021-2025 was implemented during Year One, with progress made against most actions. Highlights included: events held for the International Day of People with Disability and Carers Week celebrations; the introduction of a local Pathways for Carers Group; staff disability awareness sessions; and a Disability Inclusive Emergency Preparedness Forum. The Disability Access and Inclusion Committee (DAIC) continued to work with Council to help improve access and inclusion across a variety of projects and services.	➡

	Year One Actions	Progress Comments	Status
2.1.3	Investigate opportunities to engage 0–3 year olds in the Northern Peninsula Oral Language Program (Let's Chat) to reduce oral literacy barriers experienced by children starting school.	The Northern Peninsula Oral Language Program is an external program and was not delivered during Year One, meaning that Council was not able to engage with this program. Due to the program not being operational currently, this action will not be progressed in Year Two.	
2.1.4	Through the Future Ready Frankston Program, continue to improve the accessibility and functionality of Council's website and improve digital access to Council's services and information.	Council launched its Transparency Hub to offer streamlined access to selected Council data, stories, reports and curating information. Data published included financial records, asset management data and procurement data.	
2.1.5	Implement the Frankston Customer Service Charter to deliver accessible, respectful and clear communication and services.	Council has launched its Customer Experience Strategy to help guide and support Council to meet its Customer Service Promise to provide clear, accessible, respectful and accountable customer service.	
2.1.6	Promote Sexual and Reproductive Health Week and 1800 My Options to raise awareness of the right to access inclusive, safe and appropriate health services, health screening and affordable contraception.	Resources were not available during Year One to progress this action.	
2.1.7	Promote population health screening services provided through national and state screening programs, with a focus on under-screened groups and those at higher risk.	Resources were not available during Year One to progress this action.	
2.2.1	Develop and adopt the Sustainable Workforce Strategy to identify approaches to better meet the education and training needs of Frankston City's diverse community and improve education, training, entrepreneurship and employment pathways for under-represented groups.	The Sustainable Workforce Strategy has been adapted into the Economic Development and Skilled Community Strategy, and a draft has been completed during Year One. Work will continue on the drafting process in Year Two.	

	Year One Actions	Progress Comments	Status
2.2.2	Continue to support the Frankston City Job Seeker Alliance by creating active linkages and coordination between education providers, skills, workers and employers, and ensuring effective collaboration between employment agencies, the Victorian and Australian government.	The Job Seeker Alliance has been re-established as the Job and Skills Network Frankston, which will be coordinated by federally funded Local Jobs Program. Council continuing to be involved as a Network member during Year Two.	
2.2.3	Promote and support women in business through the development of tailored programs, including entrepreneurship skills training, promoting successful women in business through Invest Frankston and business mentoring.	To celebrate International Women' Day Council supported the Frankston Business Collective to deliver a Live event where three local female business owners, were interviewed. The event aired live on the Invest Frankston Facebook page and helped celebrate and bring awareness to the difficulties and triumphs women face in business as the trio spoke about their journey's to business success. All council programs are designed to be inclusive.	
2.2.4	Work in partnership to advocate for people experiencing, or at risk of, homelessness to be connected with housing and social support services through the Frankston City Housing and Homelessness Alliance Strategic Plan and Y2 campaign.	Council has participated in the Frankston City Strategic Housing & Homelessness Alliance led Frankston Zero initiative throughout Year One to proactively support rough sleepers into long-term secure housing, coordinating the Hot Spots Group to refer rough sleepers to assertive outreach. A total of 20 rough sleepers have been housed since Frankston Zero commenced in July 2021. Council has continued to participate in the Youth2 Campaign to advocate for youth crisis accommodation and a Youth Foyer in the Frankston Mornington Peninsula, with an advocacy proposal developed in Year One prior to the federal and state elections.	
2.2.5	Improve access to affordable housing through the adoption of an Integrated Housing Strategy and Action Plan.	The development of the Frankston Housing Strategy is currently underway, with a discussion Paper to be consulted on in the second quarter of 2023.	

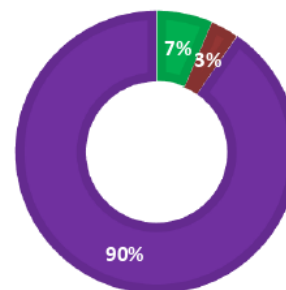
	Year One Actions	Progress Comments	Status
2.3.1	Work in partnership with Traditional Owners to identify, protect, recognise and promote Aboriginal culture, heritage and sites of cultural significance when planning and managing land use and development.	A number of Cultural Heritage Management Plans have been undertaken, including for the Jubilee Park redevelopment, the Seaford Wetlands and the South Frankston Drainage Program.	
2.3.2	Work with Traditional Owners to establish cultural heritage design and construction principles to guide better integrated planning and design outcomes for open places and spaces.	Resources were not available to progress this action during Year One. This action will be progressed through other strategies and plans, such as the Open Space Strategy and Play Space Strategy.	
2.3.3	Build relationships to explore opportunities to engage with Aboriginal and Torres Strait Islander peoples' to identify and co-design actions for inclusion in the Health and Wellbeing Plan for Years 2 to 4.	A cultural awareness training program for Council staff commenced during Year One to support staff to work more effectively in partnership with the Aboriginal and Torres Strait Islander communities. This training will continue in Year Two. Council also recently facilitated introductions between the Nairn Marr Djambana and local Muslim communities, which included a community lunch at the Langwarrin Baitul Salam Mosque. New collaborations are now emerging from these connections, which will be progressed during Year Two.	
2.3.4	Project manage the redevelopment of Nairn Marr Djambana as space to provide meaningful cultural connection and wellbeing.	The process for developing a Master Plan for Nairn Marr Djambana commenced during Year One., with this action being progressed in Year Two. External grant funding was used during Year One to upgrade Nairn Marr Djambana with and health and safety modifications.	
2.3.5	Implement Council's inaugural Reconciliation Action Plan to demonstrate Council's commitment to stand with Aboriginal and Torres Strait Islander peoples in and around Frankston City to advance reconciliation.	The Reconciliation Action Plan has been implemented during Year One, with highlights including cultural awareness training and activities held for Reconciliation Week and NAIDOC Week. Amendments were also made to the Reconciliation Action Plan to ensure compliance with Reconciliation Australia requirements, for continued implementation in Year Two.	

	Year One Actions	Progress Comments	Status
2.3.6	Provide opportunities to build awareness, understanding and respect of Aboriginal and Torres Strait Islander culture and history through NAIDOC Week, Reconciliation Week and arts programming.	Council supported events during NAIDOC Week in July 2022, including a Youth Cultural Event held in partnership between Nairm Marr Djambana and the Frankston South Community & Recreation Centre, the NAIDOC Dinner Dance at Mornington Race Course, and events held at Nairm Marr Djambana. Aboriginal Artwork was incorporated into the Reconciliation Action Plan and Early Years Services.	

Priority 3

Increasing mental wellbeing and resilience





- 3.1** Support opportunities to build social inclusion and community connection
- 3.2** Increase volunteering and community participation
- 3.3** Foster social cohesion and community harmony












■ Completed ■ Not proceeding ■ Progressing




Complete	✓
Progressing	➡
Not proceeding	✗




	Year One Actions	Progress Comments	Status
3.1.1	Continue the Community Recovery Call Centre to support vulnerable residents to access services and activities that promote inclusion and participation.	The Community Recovery Call Centre was funded until 30 June 2022 and is no longer operational.	✓
3.1.2	Deliver the Jobs Victoria Advocates Program to connect people with local employment opportunities and services such as training, counselling, mentoring and volunteering.	Council has been delivering the Job Advocates Program since March 2021. As at 7 October 2022, a total of 2,531 job seeker engagements had been made.	➡
3.1.3	Work in partnership to pilot the Student Connectors Program in secondary colleges to strengthen support networks and pathways, referrals to youth groups and activities and connect young people to the community through engaging and interactive workshops.	The Student Connectors Program has been re-branded as the WHAT Program, with sessions held across schools during Year One with some great outcomes achieved and positive feedback from schools and students.	➡



	Year One Actions	Progress Comments	Status
3.1.4	Implement the Positive Ageing Action Plan 2021-2025, deliver social inclusion actions to support older adults at risk of loneliness.	The Positive Ageing Action Plan has been successfully implemented during Year One. Highlights include the Positive Ageing team working with 32 Seniors Clubs and groups across the municipality to encourage broader participation for older adults in community programs, group's events and services that promote social connection; and the delivery of Council's Age Friendly Frankston Ambassadors program to focus on engaging socially isolated older people through all of their advocacy work.	
3.1.5	Develop a Youth Action Plan 2021-2025 to identify and facilitate more activities to support young people to be socially connected.	The Youth Action Plan 2022-2026 has been developed during Year One, and is being presented to Council for adoption in December 2022. A community consultation process was held on the Draft Action Plan in July-August 2022, with a great response from young people, broader community and delivery partners.	
3.1.6	Implement the Municipal Early Years Plan 2021-2025 to support individuals and families to strengthen relationships and social networks to enable them to respond to, withstand, and recover from adverse situations.	The MEYP Year One action plan has been implemented with all actions either progressing or having been completed. Key achievements included: the re commencement of face to face supported pop-up playgroups in open spaces which has exceeded expectations and an Early Years brand was designed by a Bunurong artist for use in all promotional material by Children's Services and MCH to support cultural safety.	
3.1.7	Review the Project-Y project supporting young people who are disengaged from education and employment by providing them with wraparound support and positive connections to their local community to expand into other areas of the municipality, including Frankston North and Karingal.	The Project-Y project has been reviewed and is fully operational, delivering assertive outreach and support to at-risk young people, alongside Council's youth workers. Assertive outreach has commenced at the Karingal Hub Shopping Centre.	






	Year One Actions	Progress Comments	Status
3.1.8	Provide training and resources for community groups and individuals to build digital literacy and connection to technology, including trialling a program providing digital items for loan through Frankston City Libraries.	Digital literacy classes were held for seniors during Seniors Festival Month in October 2022. One-on-one tech sessions have been offered on an ongoing basis by library staff to support the community to access a range of services, with rostering modified to enable this. A range of online resources have been made available, including Linked In Learning, Transparent Language for learning languages and Studiosity to provide online tutoring programs. The program to trial digital items for loan will be progressed during Year Two.	
3.1.9	Offer a range of programs that respond to community needs at Frankston North, Karingal and Frankston South Community centres, with programs and activities that target groups identified as being at greater risk of social isolation.	A new program has been implemented at Karingal PLACE, the Chatty Cafe, to bring together local residents who are feeling socially isolated to provide an opportunity to connect over a cup of tea. One session has been held to date, with approximately 10 participants. This will be progressed in Year Two. Other regular programs continued to be offered across a variety of areas of interest, all of which work to engage those experiencing social isolation.	
3.1.10	Explore intergenerational opportunities that build social connection and encourage skill sharing, including the L2P program and building intergenerational relationships through the Environmental Friends Network.	The L2P Program has continued to deliver an inter-generational program for young learners aged 16-23 years, matching young learners with volunteer supervising drivers aged 24-84 years. Since October 2021 the Frankston L2P Program has assisted 19 learners to obtain their probationary licence and on-boarded twelve new mentors. The L2P Program has delivered a significant number of benefits including road safety, increased mobility and social benefits.	
3.1.11	Provide local leadership through participation in a suicide prevention collaboration to explore prevention strategies.	Council has participated in the South East Suicide Prevention Collaboration throughout Year One. This will continue in Year Two, with a Terms of Reference being developed.	



	Year One Actions	Progress Comments	Status
3.1.12	Support a coordinated response to suicide and harm through participation in the FMP Post Suicide Prevention Protocol.	Council has supported the FMP Post Suicide Prevention Protocol throughout Year one to provide a coordinated response to incidents that have occurred in Frankston and the Mornington Peninsula and provide wrap-around support and reduce risk within the community.	
3.1.13	Investigate implementing the Achievement Program in early childhood settings to improve social and emotional wellbeing and resilience.	Resources were not available for this action in Year One. This will be progressed in Year Four.	
3.1.14	Advocate to state government to fully implement the THRIVE program across all schools, kinder and sporting clubs to support positive mental wellbeing.	Resources have not been available to progress the THRIVE program in kindergartens and schools during Year One. The THRIVE program is being implemented in sports clubs by St Kilda Football Club.	
3.1.15	Investigate evidence-based perinatal mental health programs that promote emotional wellbeing and connection of parents, for implementation through the Maternal and Child Health Service.	Resources were not available for this action in Year One. This will be progressed again in Year Four.	
3.2.1	Continue to build connections between volunteers and volunteer organisations through Impact Volunteering, with targeted promotion targeted at groups identified as being at greater risk of social isolation.	Impact Volunteering continued to build connections between volunteers and volunteer organisations. The annual Impact Volunteer Awards were held in October 2022 at the Frankston Arts Centre, with over 110 attendees to celebrate the achievements of volunteers and build new connections, including groups identified as being at greater risk of social isolation. A social media campaign was launched to highlight the roles of both staff and volunteers, featuring a video of a Meals on Wheels volunteer with over 900 views on Facebook. A volunteer recruitment campaign was undertaken at PARC which resulted in four new volunteers for the Meals on Wheels program.	

	Year One Actions	Progress Comments	Status
3.2.2	Develop community volunteer capacity through provision of training and networking opportunities.	Training and networking opportunities for volunteer organisations were offered online throughout Year One. Year Two onwards will focus on building up to the provision of face-to-face training and networking opportunities to build the capacity of volunteers and volunteer organisations.	
3.2.3	Through the Biodiversity Action Plan and Urban Forest Action Plan, enhance the community's connection with their local natural environment through projects that encourage participation in environmental volunteering and biodiversity protection and improve access to information on the natural environment.	A series of environmental workshops and events were held during Year One, including Indigenous Nursery open day in May and National Tree Day on July at Jubilee Park with approximately 200 residents attending, including a local Scout group who planted 1,400 plants along Nursery Avenue to improve the habitat corridor. National School tree day took place with 22 schools, who each received 50 plants, and with two schools (Rowellyn Preschool and Kananook Primary School) receiving 500 plants and a talk from the Westernport Biosphere's Biodiversity in Schools program. A tree giveaway voucher was included in Frankston City News September edition. Two Citizen Science events using iNaturalist encouraging residents to observe nature were held City nature Challenge in March and Bioblitz in September and two online workshops on iNaturalist and Fungi were held in July.	
3.2.4	Build the Frankston City Community Panel of local residents to engage and collaborate with Council on key projects and issues to influence decision making, ensuring a diverse mix of voices from all ages, genders, cultures, local areas and backgrounds are represented.	The Mini Frankston City was launched in October 2021 to build a community of residents to provide regular feedback to Council on key projects and issues. The Mini City is now made up of 610 residents, with all demographics reflected in the members. The Mini City has participated in multiple key strategic projects throughout Year One.	

	Year One Actions	Progress Comments	Status
3.2.5	Improve community engagement and inclusion through the implementation of the new Community Engagement Framework and online engagement platform Engage Frankston!, enabling the community to interact with Council and each other to have their say on key Council policies, programs and activities.	The establishment of the Community Engagement Framework and Engage Frankston! online engagement platform has significantly improved Community engagement and inclusion during Year One, with over 130,000 community members viewing 86 engagement projects online, and over 11,000 contributions received. In addition, multiple projects have used other engagement methods to connect with diverse community audiences, including pop-ups, workshops, community panels, deliberative polling and engaging at community events. Community satisfaction with Council's engagement increased by 10% (as per community satisfaction survey).	
3.2.6	Investigate methods and opportunities to improve community participation and engagement in large place making projects.	Year One has been focused on re-emerging from COVID-19 and engaging with local businesses to support re-activation. Moving into Year Two, engagement with local business will continue, but also with a focus on the development of a Strategic Place Activation Plan to provide the community with opportunities to engage with local activations.	
3.2.7	Explore digital and outdoor engagement methods to better support families to remain engaged and participating during times of social isolation to complement in-person opportunities.	Children's Services has shifted away the focus of online engagement as the primary form of engagement during Year One to focus on supporting families to re-emerge and connect in person following the pandemic restrictions. Social media continued to be used as a secondary method to engage with families.	

	Year One Actions	Progress Comments	Status
3.2.8	Improve the access and inclusion of major events and library programs through the introduction of social scripts, sensory spaces, AUSLAN interpretation, open captioning, audio descriptions, relaxed performances, Library Saturday Storytimes, audio description of photos and captioning of videos.	Funding has not been available within the Library budget for AUSLAN during Year One. Outdoor storytimes were held over Summer 2021-22 to improve accessibility during the pandemic restrictions. Council's major events have introduced social scripts to the events which ran in the 21/22FY, these are work in progress documents and are being improved on with community feedback. The social scripts are continuing to be developed for the 22/23FY Council run events. The events team have purchased a marquee which has been trialled at The Waterfront Festival 2022 and Party in the Park 2022 for a chill out zone. Promoted as a calm, and welcoming space where patrons who might be feeling overwhelmed can go throughout the event. The inclusion of AUSLAN interpretation at Council's major events will be investigated in Year Two as an Accessibility Audit will need to be completed alongside the development of a minimum standards.	
3.2.9	Deliver arts and culture programs that promote mental wellbeing, social connection and cultural expression, including the Art Well program, Big Anxiety Festival and DialysArt.	Artwell, DialysArt and the Big Anxiety Festival projects were all delivered during Year One. These projects created opportunities for engagement for many residents, promoting participation and wellbeing through art making. Artwell and DialysArt will continue in 2023 and the Big Anxiety project may continue, dependent on funding from RMIT. The continued engagement of citizens through wellbeing and connection remain a priority of the Arts Access Program at the Frankston Arts Centre.	

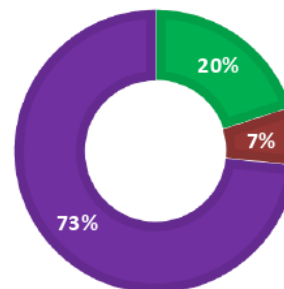
	Year One Actions	Progress Comments	Status
3.2.10	Promote community representation and diversity in the development and delivery of arts and culture programming to connect people of all ages, abilities and backgrounds.	The ongoing inclusion of all ages, abilities and backgrounds continues to be championed across a range of programs and activities. The active engagement of senior residents through the Frankston Arts Centre and Positive Ageing collaborative <i>Comedy and Connection</i> program, the access opportunities through providing accessible options for performances and the weekly All Abilities Circus Program at the FAC continued over the past 12 months.	
3.3.1	Explore the establishment of a Diversity Committee to better connect with diversity communities and cultural leaders to improve inclusion and engagement.	The Disability Access & Inclusion Committee (DAIC) has been operating at Council since 1988 to provide feedback and practical advice on Council projects, infrastructure works, service provision and events in order to promote disability access and inclusion. The DAIC has met eight times in Year One, with additional advocacy opportunities such as site local workshops, forums, site visits and surveys. The establishment of Council's first Culturally and Linguistically Diverse (CALD) Network is underway. An EOI process was held to appoint members to the Network, with 12 responses received. This Network will have its inaugural meeting in 2023 and commence planning for celebrating Harmony Day in March 2023.	
3.3.2	Adopt a Diversity, Access and Inclusion Policy and protocol to promote inclusion across Council's services, programs and facilities.	Resources were not available for this action in Year One. This will be progressed in Year Two.	
3.3.3	Build partnerships to recognise and celebrate days of significance and festivals for our diverse communities.	Resources were not available for this during Year One. This action will be progressed in Year Two.	
3.3.4	Explore the delivery of anti-discrimination, unconscious bias and other human rights training to staff.	Staff training on anti-discrimination, anti-bullying, anti-harassment and anti-sexual harassment were held as part of the broader Workplace Behaviours compliance training. These training modules are due to be in Year Two.	

	Year One Actions	Progress Comments	Status
3.3.5	Provide leadership for the Peninsula Pride youth alliance to raise awareness, promote diversity and improve the overall mental health of young LGBTQIA+ people.	Council has participated in the Peninsula Pride Youth Alliance and incorporated LGBTQIA+ programs and events into its Youth Services program. Highlights have included the provision of a Rainbow program in the school holiday program and a partnership with to host an annual Pride Disco.	
3.3.6	Promote positive images and stories about diverse communities, and dispel harmful myths and stereotypes.	Positive images and stories about diverse communities were considered in all of Council's publications. Highlights include promotion of Council's new CALD Network, Seniors Festival, Youth Services program, NAIDOC Week, Reconciliation Week, IDAHOBIT, 16 Days of Activism and programs for people with disabilities, like BAM Arts; and eNews articles on International Day of People with a Disability, Wear it Purple Day and the Age Friendly Ambassadors.	

Priority 4

Strengthening climate action for community wellbeing




- 4.1 Increase awareness of the health impacts of climate change
- 4.2 Strengthen response to public health threats and emergencies for vulnerable communities
- 4.3 Support healthy and sustainable homes, buildings and public spaces












■ Completed ■ Not proceeding ■ Progressing


Complete	✓
Progressing	➡
Not proceeding	✗

	Year One Actions	Progress Comments	Status
4.1.1	Develop and adopt a Climate Change Strategy to resource Council's adaptation and mitigation actions.	The Draft Climate Change Strategy and Action Plan has been developed and was endorsed by Council in November 2022 for public exhibition, with final adoption to take place in Year Two. The development of the Draft Strategy and Action has involved a gap analysis, emissions profiles and a vulnerability assessment.	✓
4.1.2	Build relationships to increase awareness of the health impacts of climate change and promotion of information to encourage emergency preparedness and resilience, with a focus on vulnerable groups.	Council liaised with key partners to promote the "Are you Prepared for emergencies" brochure and website with a focus on the "Emergency Preparedness Advisory Service" (EPAS) for the municipality's most at risk residents to prepare tailored plans individual to their needs.	➡

	Year One Actions	Progress Comments	Status
4.1.3	Implement the Urban Forest Action Plan to deliver increased tree canopy coverage in the areas recognised as a priority for action due to low canopy cover, high urban heat and social vulnerability.	Urban Forest Precinct Plans have been developed for Carrum Downs and Seaford to set a 10-year planting plan for the areas of highest priority for increasing canopy cover. In 2020/21, 10,000 trees were planted and Council has now doubled this annually to 20,000 trees from 2021/22 for four years. The 2021/22 planting program saw the first milestone of 20,000 trees achieved across the municipality. Planting locations focused on existing gaps in streets and parks, with a focus on areas that are vulnerable to heat due to lower canopy cover with 3,840 street trees, 1,433 park trees, 1,400 trees on National tree day, 12,620 within our natural reserves and 1,083 in open space projects.	
4.1.4	Advocate to state government for an impact assessment and statistical data to identify the current and potential impacts of climate change on health and wellbeing and to determine the community's adaptive capacity.	Resources have not been available for this during Year One, as resources have been focused on the development of the Climate Change Strategy and Action Plan. This action will be combined with action 4.1.5 in Year Two.	
4.1.5	Deliver targeted education programs and initiatives to increase awareness, understanding and action in the community.	Council's in-person environmental education events were put on hold during COVID-19 restrictions. However, the EnviroNews e-newsletter continued to be circulated to 4,000 subscribers with relevant topics, with highlights including promotion of energy and home comfort tips, information on the Victorian Government's power saving bonus and rebates for air conditioning upgrades in rental properties, as well as tips for planning for floods and emergencies at home and work. Through Council's Environmental Sustainability Grant program, the South East Environment Network (SEEN) received funding to host a local film screening of <i>Beyond the Burning</i> , exploring the terrible toll of the Black Summer bushfires, the underlying causes of climate change and inspiring local solutions. Council's website was also updated to include information on creating sustainable and comfortable homes.	

	Year One Actions	Progress Comments	Status
4.2.1	Review the (all agency) Municipal Emergency Management Plan and sub-plans to consider climate change and its impacts on health and wellbeing, with a focus on vulnerable groups.	The Municipal Emergency Management Plan has been reviewed and approved, with feedback sought from the Disability Access and Inclusion Committee to ensure the lived experiences of people with disabilities was represented.	
4.2.2	Proactively apply a gender lens into emergency management practice and planning using evidence based approaches and research.	"Gender in emergencies" training was provided for all Emergency Management staff during Year One, with and the Municipal Emergency Management Plan was updated to ensure that emergency management practice includes inclusion and the application of a gender lens.	
4.2.3	Consider the impacts of climate change in the review of the Municipal Planning Strategy.	Resources during Year One were focused on reviewing and updating the Municipal Emergency Management Plan, and so this action will be progressed during Year Two.	
4.2.4	Leverage partnerships with key agencies and community groups to explore initiatives that build community emergency preparedness and resilience, in order to improve response to and recovery from emergency events.	Emergency Management officers worked collaboratively with the Disability Access & Inclusion Committee to host a "Disability Inclusive Emergency Planning" workshop in November 2022, with representatives from emergency services and disability support providers in attendance.	
4.2.5	Raise awareness of accessible community spaces, like libraries, neighbourhood houses and community centres, shopping centres and the cinema, for people who do not have adequate heating and cooling in their homes.	The Municipal Emergency Management Plan was updated to include information about what the community can do in response to weather events with extreme temperatures (hot/cold) events. The "Are you prepared for emergencies" brochure was distributed widely throughout the community via all Council touch points, including community transport, Meals on Wheels, community centres and the In-Home Assessment Team.	

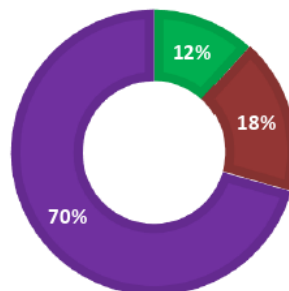
	Year One Actions	Progress Comments	Status
4.3.1	Approval of the Environmentally Sustainable Design Policy planning scheme amendment.	The Planning Scheme Amendment C138 was introduced on 26 May 2022, which placed the Local Environmentally Sustainable Development Planning Policy into the Frankston Planning Scheme to ensure that development achieves best practice in environmental sustainability.	
4.3.2	Adopt Environmentally Sustainable Design principles for all new developments, buildings, public realm and places.	The Planning Scheme Amendment C138 is being implemented and will continue into Year Two, with fact sheets being developed to provide information for developers.	
4.3.3	Implement Council's ESD Standards for Council Buildings Policy to improve the health, comfort and efficiency of Council's community-use facilities.	Implementation of ESD Standards for Council Buildings Policy has commenced, with highlights including: Lloyd Park Senior Pavilion (currently in construction) being constructed to a 5 Star Green Star rated design; Eric Bell Pavilion Redevelopment (currently in construction) being constructed to a 5 Star Green Star rated design; and the Jubilee Park Stadium Redevelopment (currently in construction) being constructed to a 4 Star Green Star design. All of Council's minor to medium building projects are now being guided by an ESD Matrix Tool developed and designed by South East Council's Climate Change Alliance (SECCCA) and its member Council's. Similar to Green Star, the tool enables users to select environmental ratings (target) for their building project to suite specific needs.	
4.3.4	Explore ways to introduce and support programs to enable the community to upgrade their homes to be more sustainable and climate resilient.	Activity in Year One has been focused on supporting local businesses to be more sustainable and climate resilient. The Climate Change Strategy has been developed during Year One with actions identified to support the community to upgrade their homes and be more climate resilient, with further development of these actions to take place during Year Two.	

	Year One Actions	Progress Comments	Status
4.3.5	Research ways to increase the use of alternative water supplies to enable the irrigation of our active spaces to reduce pressure on drinking water supplies and continue to provide access to active spaces.	Council has worked with industry partners to develop and advocate for recycled water projects in Frankston City during Year One, with a focus on Monterey Recycled Eater Project and Frankston Recycled Water Project. Unfortunately this advocacy has not yet been successful and funding has not been secured.	

Priority 5

Strengthening gender equality and respectful relationships

- 5.1** Build partnerships to prevent family violence, violence against women, and elder abuse
- 5.2** Strengthen equitable, safe and respectful relationships
- 5.3** Create gender equitable workplaces, services and programs



■ Completed ■ Not proceeding ■ Progressing

Complete









Progressing












Not proceeding



	Year One Actions	Progress Comments	Status
5.1.1	Review the Family Violence Prevention Action Plan to determine action on preventing family violence, violence against women and elder abuse over the next four years.	The final two actions in the Family Violence Prevention Action Plan have been delivered during Year One - the Men As Role Models & 'Choose Respect' Smart Phone App redevelopment. These actions were both delayed as a result of the pandemic restrictions. The review of this Action Plan will be progressed during Year Two.	
5.1.2	Collaborate with WHISE to implement the Preventing Violence Together Strategy for Southern Metropolitan Melbourne and Health Down South Strategy in Frankston City to participate in collective action across the southern Melbourne region.	Council is working in partnership with WHISE to support the implementation of the Preventing Respect & Equity Together - A Strategy to End Gendered Violence in the Southern Metropolitan Region 2021-2025. During Year One focus has been on activities that prevent violence against women, organisational strengthening and leadership and building workforce capacity, with development workshops for staff to embed an intersectionality and gender equity lens into Council planning, services and programs.	

	Year One Actions	Progress Comments	Status
5.2.1	Implement the Men as Role Models project and associated forum to support boys and men to live respectful relationships that are free from violence and other harmful behaviours.	The Men as Role Models project was officially launched in August 2022 with an online community forum to promote the importance and benefits of mentoring to the community. As of November 2022, participant training has concluded with participating matching taking place in December and mentoring launching January 2023.	
5.2.2	Explore funding opportunities to deliver Baby Makes 3 through the Maternal and Child Health Service to support parents to enjoy equal and respectful relationships.	Resources have been secured to deliver Baby Makes 3 in Year Two.	
5.2.3	Develop and launch an interactive online learning module on respectful relationships for young people entering into their first relationships on respectful relationships.	Progress has been made during Year One, with a beta version of the online learning module developed. This action will be further progressed during Year Two.	
5.2.4	Explore the introduction of a new category into the Community Grants Program to promote funding for programs addressing gender equality as part of the community grants review.	The Community Grants Program was reviewed, with a key review recommendation being to streamline and reduce the number of overall grant categories. As such a new category was not established.	
5.2.5	Participate in the Critical Friends Network to strengthen respectful relationships education being delivered within secondary schools.	Council has participated in the Critical Friends Network working collaboratively with schools during Year One to strengthen respectful relationships practice.	
5.2.6	Explore opportunities to deliver education for children, young people and parents on body safety and consent.	No programs have been found to deliver this action during Year One. However, positive messages around body safety and consent are embedded into everyday programming in Council's early year's settings. This action will not progress into Year Two.	

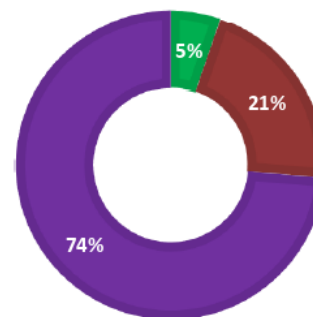
	Year One Actions	Progress Comments	Status
5.2.7	Participate in campaigns that raise awareness of gender equality, preventing violence against women and respectful relationships, including the 16 Days of Activism and International Women's Day.	Council recognises that violence is preventable and is everyone's business and as such participates every year in social action campaigns that promote the primary prevention and gender equity. During Year One Council ran a variety of activities for both campaigns.	
5.2.8	Participate in campaigns that raise awareness of elder abuse and promote a culture of inclusion and respect for older people, including Elder Abuse Awareness Day and EveryAGE Counts Ageism Awareness Day.	An event was held to commemorate World Elder Abuse Awareness Day in partnership with Peninsula Community Legal Centre and Better Place Australia and attended by 25 community members. The event focussed on primary prevention of elder abuse by improving competency around powers of attorney, wills and where to seek legal advice. A campaign was delivered in support of 16 Days of Activism highlighting the need to prevent violence against older women. The '16kms in 16 Days' awareness raising campaign was planned, implemented and evaluated in partnership with the Respecting Seniors Network.	
5.2.9	Implement the Positive Ageing Action Plan 2021-2025 to deliver actions that build respect for older adults.	The Positive Ageing Action Plan has been successfully implemented during Year One. Highlights included delivery of cultural awareness training to 15 service providers as part of the state government funded Local Partnerships Project and bi-monthly Meet and Greet sessions hosted by the Positive Ageing team to engage with local seniors club leaders. These sessions have included a focus on how to ensure clubs are welcoming to new members of diverse backgrounds.	
5.2.10	Participate in the Respecting Seniors Network Steering Committee to explore ways to create change in the community's attitudes towards older people, including those living with dementia.	Council actively participate in the Respecting Seniors Network, which brings together a range of local stakeholders working to prevent elder abuse. Event and campaign delivered in partnership with the Respecting Seniors Network as noted in action 5.2.8 .	

	Year One Actions	Progress Comments	Status
5.2.11	Work in partnership with the FMP PCP to promote the Charter of Rights and Respect for older adults.	Funding for the FMPCP has ceased due to a state government policy change in how PCPs are funded.	
5.2.12	Support and facilitate participation in the Age Friendly Frankston Ambassadors program to represent older adults and challenge perceptions of older people.	Council's Age Friendly Frankston Ambassadors have been engaged in a broad range of planning and infrastructure projects (8) and had the opportunity to provide their feedback and advocate on age related issues directly to project managers.	
5.3.1	Continue to develop Council's recently established Gender Equity Advisory Committee.	The Council staff Gender Equity Advisory Committee was established to provide advice and guidance on gender equality related matters, and recently evolved into the creation of the Diversity and Inclusion Group to broaden the committee's scope.	
5.3.2	Conduct a workplace gender audit and adopt a Gender Equality Action Plan to improve gender equality within the workplace at Frankston City Council.	Council completed a Workplace Gender Audit during Year One to inform the development of a Gender Equality Action Plan, which was adopted by Council in 2022.	
5.3.3	Develop processes and build capabilities to commence Gender Impact Assessments on key Council policies, programs and services to reduce unintended barriers that drive inequity.	An in-house Gender Impact Assessment Tool has been developed during Year One and is in its pilot phase. Gender Impact Assessment training was delivered to 15 Council staff members, and Inclusive Gender Equality Leadership Training commenced in November 2022. This action will be progressed in Year Two.	

Priority 6

Building safe communities






- 6.1** Create safe public spaces through Council policy, planning and design
- 6.2** Build partnerships that change cultures and reduce harms from alcohol and other drugs and gambling
- 6.3** Create smoke free communities















■ Completed ■ Not proceeding ■ Progressing

Complete	✓
Progressing	➡
Not proceeding	✗

	Year One Actions	Progress Comments	Status
6.1.1	Develop Urban Design Guidelines for local areas to support safer and inclusive neighbourhoods, in conjunction with Neighbourhood Character Guidelines and the Integrated Housing Strategy currently in development.	Resources were not available for this action in Year One. This work will be progressed in Year Two through the development of the Housing Strategy and Neighbourhood Character Guidelines.	✗
6.1.2	Adopt and deliver the Lighting Frankston Action Plan and Local Shopping Strips Plan to increase the safety and broader use of public open spaces, play spaces, community infrastructure and activity centres.	The Lighting Frankston Action Plan was adopted at the end of 2020 and is being implemented. The lighting at Frankston Pier has been completed and the Fletcher Road underpass is underway. The Local Shopping Strips Plan was adopted in 2021 and is underway. Funding was secured to upgrade the Excelsior Road shopping strip in Frankston North, and planning is underway for Fairways St in Frankston East.	➡

	Year One Actions	Progress Comments	Status
6.1.3	Investigate a plan for how to improve the way public lighting is delivered in our municipality to meet community needs.	Funding was secured through the Long-Term Infrastructure Plan to replace all street lights with LED, and these upgrades have commenced with the first stage completed (approximately 7000 upgraded to date).	
6.1.4	Adopt a Community Safety Policy and Strategy to provide context to Council's commitment to a safe and welcoming community where people feel safe, included and able to participate in community life.	Progress has been made during Year One to develop a Safer Communities Policy and Strategy. An inclusive community consultation was held throughout the year to capture a diverse range of voices to better understand the community's key safety concerns. This action will be progressed during Year Two.	
6.1.5	Explore initiatives such as Your Ground in creating safe environments for the whole community, including women and people across the gender spectrum.	Resources weren't available to progress this action during Year One due to other resourcing priorities.	
6.1.6	Develop and adopt the Frankston City Revitalisation Plan to activate public spaces in Frankston's city centre to promote a safer city for people of all ages at all times.	Resources were not available to progress this action in Year One. This is being continued through the FMAC Structure Plan for Year Two.	
6.2.1	Work in partnership with the RAD-FMP to improve support for young people experiencing alcohol or drug dependency.	Funding for the RAD-FMP project ceased during Year One. Council has continued to engage and support vulnerable young people through Project-Y assertive outreach and local partnerships with support services. Frankston City Council has also Chaired the PIVOT program's referral and advisory panel, a youth crime prevention program that supports young people who have repeated contact with the justice system, and work collaboratively with the PIVOT group to support clients with alcohol and other drugs dependency.	

	Year One Actions	Progress Comments	Status
6.2.2	Build partnerships to raise awareness of risks associated with alcohol and other drugs use, improve access to support services and explore initiatives that influence alcohol culture change.	Resources were not available to progress this action during Year One.	
6.2.3	Build partnerships to collaborate on prevention programs and initiatives that address harmful gambling.	A partnership was formed with Gamblers Help Southern to deliver a new 'Find yourself here' program at Karingal PLACE to provide an alternative recreational activity to gambling, targeted at women aged over 55 years. One session has been held to date, with 9 participants. This will be further implemented in Year Two.	
6.2.4	Continue to implement the Libraries After Dark program to provide an alternative recreational activity to local pokies venues in the evenings.	External funding ceased for the Libraries After Dark program in June 2022. This program has been continued within existing Library budget to enable the Carrum Downs Library is open until 10pm every Thursday evening to provide an opportunity for the community to access this space and connect with each other.	
6.2.5	Support sports clubs to build their capacity to reduce harm and encourage participation in the Good Sports Program and Love the Game campaign.	The recreation team continues to support and ensure that all sporting clubs are aware of the Good Sports Program and Love the Game campaign and to encourage participation.	
6.2.6	Partner with the Alliance for Gambling Reform to advocate for gambling legislative reform at a national and local level.	Council continued its financial membership of the Alliance for Gambling Reform in Year One, to support advocacy on gambling reform in Victoria.	
6.2.7	Advocate for legislative reform across land use planning and liquor licencing.	Resources were not available to progress this action during Year One. This action will be progressed in Year Two. This action is being removed from the Year Two Action Plan due to it duplicating action 6.2.6.	

	Year One Actions	Progress Comments	Status
6.2.8	Undertake research and monitor statistical data to better understand the community's needs relating to gambling harms, including sports betting and online gambling amongst different cohorts and how it intersects with health inequities.	Council's Social Policy & Planning team monitor social research and data on an ongoing basis, contributing to advocacy, reports and submissions as required.	
6.2.9	Build partnerships to explore the delivery of awareness raising campaigns to prevent and reduce gambling harm and increase awareness of support services available.	Resources were not available to progress this action during Year One. This action will be progressed in Year Two.	
6.2.10	Provide support for Gambling Harm Awareness Week to start conversations about gambling harms the effects they can have on communities.	Gambling Harm Awareness Week was promoted on Council's social media during to raise awareness of gambling-related harms.	
6.3.1	Work in partnership with Peninsula Health to promote smoke free environments in council and community settings.	During Year One Council has worked towards ensuring that the state government legislation is adhered to in all sporting clubs.	
6.3.2	Continue to monitor and provide education in relation to No Smoking within certain distances around designated areas, such as playgrounds and schools.	Six patrols at community festivals to ensure smoke free signs are displayed and no smoking within the festivals. 35 monitoring visits were conducted at designated No Smoking areas, such as schools, playgrounds, and public hospitals.	
6.3.3	Continue to monitor tobacco retailers to ensure they are displaying required health warning signage.	Environmental Health undertook 41 monitoring visits at tobacco retailers to ensure required health warning signs are displayed.	

Consideration of Reports of Officers

UPDATE TO THE LONG TERM INFRASTRUCTURE PLAN 2022-2032

Long Term Infrastructure Plan 2022-32 - 2022/23 & 2023/24 Update

Meeting Date: 12 December 2022

Attachment: A



Long Term Infrastructure Plan

2022-2032

2022/23 & 2023/24 Update



Lifestyle Capital of Victoria



Wominjeka - Welcome to Frankston City

Frankston City Council acknowledges the Bunurong people of the Kulin Nation as the Traditional Custodians of the lands and waters in and around Frankston City, and value and recognise local Aboriginal and Torres Strait Islander cultures, heritage and connection to land as a proud part of a shared identity for Frankston City.

Council pays respect to Elders past and present and recognises their importance in maintaining knowledge, traditions and culture in our community.

Council also respectfully acknowledges the Bunurong Land Council as the Registered Aboriginal Party responsible for managing the Aboriginal cultural heritage of the land and waters where Frankston City Council is situated.



Mark Nakia Moonblood Brown
Guramang (Gooramung) – Leather Back Turtle



Message from the Mayor

It is a privilege to present the Long Term Infrastructure Plan 2022-2032 (LTIP), which is our 10-year Plan for Building Frankston's Future in line with our Community Vision and Council Plan.

Council also recognises the need for transparency and accountability to ensure excellence in Frankston City's infrastructure management and planning activities, with the LTIP seeking to achieve this.

The LTIP is particularly important considering Victoria's population is forecasted to increase from just over 6 million to approximately 10 million by 2050. Most will settle in Greater Melbourne and many in the outer suburbs. In fact, by 2031, the population of the outer suburbs will have overtaken the total population of Melbourne's inner and middle suburbs.

With this context, it is critical for Council to ensure that it is Building Frankston's Future by providing infrastructure that meets the community's needs while enhancing the city's capacity for long-term economic development and environmental sustainability. Council declared a climate emergency in November 2019 and the LTIP details increased expenditure on projects which will reduce our emissions and provide a thriving, sustainable environment in Frankston City.



Our integrated planning approach ensures there is a pipeline of projects identified in the LTIP to deliver service outcomes that meet the community's needs. An example of this is the Kindergarten Reform Program, which will provide greater access to kindergarten placements. This LTIP details projects at our kindergarten facilities that will enable these expanded services to be delivered to our community.

While this is a 10-year plan, Council is also responding to current and longer-term impacts the COVID-19 pandemic has had on the construction industry and the LTIP, which has been exacerbated by recent weather events and global market pressures. As a result, we have experienced cost escalations on projects due to commodity prices increases, staff and material shortages, increased energy / insurance costs and general uncertainty in the market.

In response to these pressures, Council has undertaken a review of its 2022/23 Capital Works Program with a view to delay the delivery of some projects to the 2023/24 financial year. This will ensure delivery of its major project commitments and provide a sound return on investment in the current climate.

Despite this, Council is committed to delivering the best it possibly can for our community, with an exciting \$79.465 million Capital Works Program planned for the 2022/23 financial year, including significant investment into the renewal and replacement of our existing infrastructure, to safeguard its future use.

Our investment in Capital Works has been achieved whilst working within the mandated rate cap, however, this will become increasingly challenging in future years due to the cumulative effect of the rate cap.

The alignment of the LTIP with our advocacy priorities has enabled successful collaboration and partnerships with the federal and state governments, private-sector, community partners, and adjoining

municipalities to deliver significant investment to the Frankston community. In 2021/22, our advocacy efforts resulted in external funding of \$22.6 million.

I am delighted to announce significant investments in our infrastructure that will deliver vital services and infrastructure to the community. Council has commenced planning on a number of major projects in the LTIP, including the Frankston Basketball & Gymnastics Centre, improvements to Sandfield Reserve, Frankston Arts Trail, Riviera Pre-School Renewal & Expansion after receiving funding commitments from state and federal governments.

Other major projects currently being delivered include:

- Recreation improvements including the Jubilee Park Indoor Multipurpose Netball Complex, and sporting facilities at Kevin Collopy Pavilion, Eric Bell Reserve and Lloyd Park;
- Open space, public realm and streetscapes improvements at Ballam Park Regional Playground, a new district level playground and open space improvements at Sandfield Reserve, the Frankston Arts Trail, Seaford Wetlands improvements, as well as various Frankston Revitalisation projects; and,
- Community facility upgrades including Riviera, Baden Powell and Joy Street Kindergarten redevelopments, new Child & Family Centres in Seaford and Langwarrin, and upgrades to the Langwarrin and Lyrebird Community Centres.

Council's Long Term Infrastructure Plan is reviewed annually as a part of Council's annual budget process and I look forward to its implementation, Building Frankston's Future.

Councillor Nathan Conroy

MAYOR - FRANKSTON CITY COUNCIL



Table of Contents

WOMINJEKA - WELCOME TO FRANKSTON CITY	I
MESSAGE FROM THE MAYOR.....	II
TABLE OF CONTENTS.....	IV
INTRODUCTION	1
HOW THE PLAN OPERATES.....	2
LONG TERM INFRASTRUCTURE PLAN	3
FINANCIAL PLAN	3
ABOUT THE FINANCIAL PLAN	3
FINANCIALLY SUSTAINABLE	4
RATE CAPPING	5
CHALLENGES.....	6
COST ESCALATIONS & CHANGE IN PRIORITIES	6
KINDERGARTEN REFORM / POPULATION GROWTH	7
AGING INFRASTRUCTURE & CLIMATE CHANGE	8
ASSET DECISION-MAKING PRINCIPLES	9
LOANS AND FUNDING STRATEGIES	10
FUNDING STRATEGY	10
COST ESCALATION	10
BORROWINGS	10
ADVOCACY	11
PROJECT DELIVERY.....	12
COUNCIL'S PROJECT MANAGEMENT FRAMEWORK	12
MEASURING PERFORMANCE	13
APPENDICES	14



Introduction

Council is charged with planning for and managing over \$1.55 billion worth of infrastructure on behalf of the community of Frankston City Council.

Frankston City Council's Long Term Infrastructure Plan 2022-2032 (LTIP) outlines Council's approach to maintaining and improving core infrastructure over the next ten year period. It includes information about how we are going to manage Council infrastructure, the main challenges we face and how we are proposing to address these.

This Infrastructure Plan is Council's long term investment strategy for the city which seeks to:

- Grow the economy – enhancing the city's capacity for long term economic growth;
- Build communities – supporting a growing and diverse Frankston population;
- Enhance the environment – managing and mitigating the impact on the environment; and
- Create a digital future for Frankston.

Based on forecasts which depict the future for the city in terms of population and economic activity, the LTIP identifies actions to deliver infrastructure strategies in accordance with Council's service planning framework. These strategies are presented in the following service categories:

Community Well Being and Safety

- ✓ Arts and Cultural Services
- ✓ Community Development
- ✓ Community Health
- ✓ Community Safety
- ✓ Sports and Recreation

Sustainable Environment

- ✓ Biodiversity and Open Space
- ✓ Climate Change Action
- ✓ Integrated Water
- ✓ Waste and Recycling

City Development

- ✓ City Planning
- ✓ Transport Connectivity
- ✓ Economic Development
- ✓ Parking

Organisational Support

- ✓ Asset Management
- ✓ Council Strategy and Performance
- ✓ Customer Service and Experience
- ✓ Financial Management
- ✓ Governance
- ✓ People, Culture and Workforce Management
- ✓ Technology and Information



How the Plan Operates

Investment in strategic infrastructure underpins the Frankston economy and continues to improve the lives of people right across the region.

The LTIP has been developed after careful consideration of existing commitments, strategies and plans. The Plan aims to:

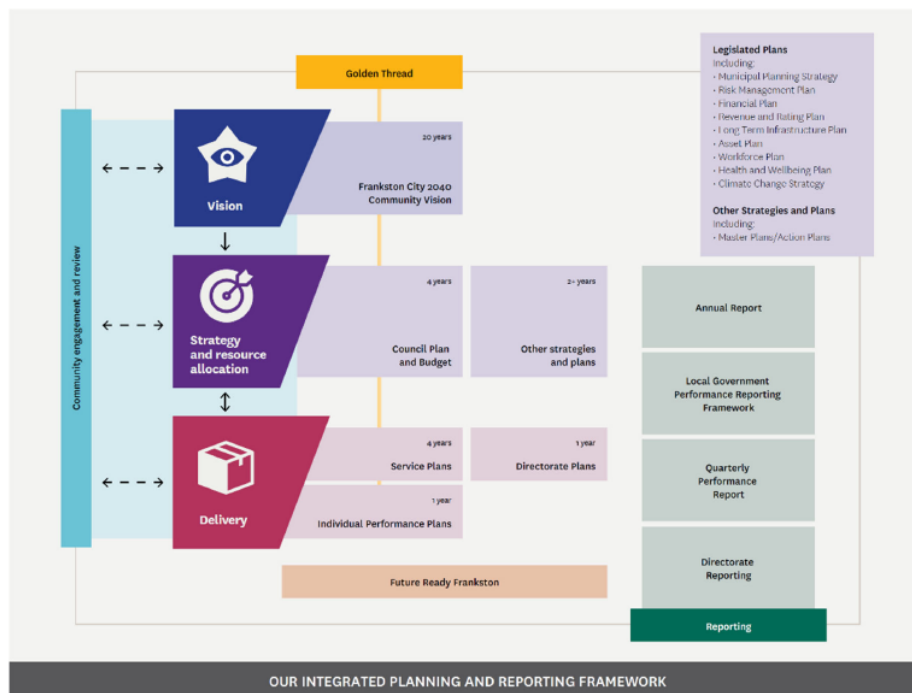
- Better integrate land use and local infrastructure planning in support of a growing and changing community;
- Plan, prioritise and deliver an infrastructure program that represents the best possible investment and use of Council funds;
- Optimise the management, performance and use of Council's assets;
- Provide the infrastructure necessary to support Council's current and future service delivery to the community; and
- Embrace the future of technology and leveraging it to transform the way Council delivers its services to support our customers and our business needs.

The LTIP sets out infrastructure projects and initiatives that the Council will prioritise for the short (1-3 years), medium (4-6 years) and longer term (7-10 years).

This plan will provide the basis for future discussions with the community, private sector, and State and Federal Governments to meet the infrastructure needs of the community and enhance the economy of the City.

Council's Integrated Planning Framework sets out the process followed to achieve positive outcomes for the community. The LTIP aligns with Council's planning framework as depicted below.

A key element of Council's planning framework is the Community Vision which provides for a place-based approach for Council and the community to work together on community-identified projects in a local area setting.



Long Term Infrastructure Plan

Our infrastructure plan mirrors our Financial Plan in its approach and identifies the approach Council intends to take to achieve its asset policies and sustainability.

The four key components identified in this approach are identified below:



An understanding of the requirements and expectations of our community is considered through the planning for our Services and Assets, helping to inform and resource our Integrated Planning and Reporting framework

The Long Term Infrastructure Plan requires us to prioritise and strengthen the work we do in each

of these areas, taking great care to connect all elements throughout our planning and reporting cycles.

This will help us ensure:

- Assets provided by Council are appropriate and valued by our community
- Services are delivered from assets in an optimal and contemporary manner, whilst considering different methods of delivery and sources of procurement
- An understanding of service asset costs across Council's asset portfolio
- A complete and accurate picture of our assets, maintenance and renewal costs over the longer term
- Staff understand and implement Council's strategies and priorities, working towards an aligned and common strategic goal
- Long term infrastructure provision sustainable outcome.

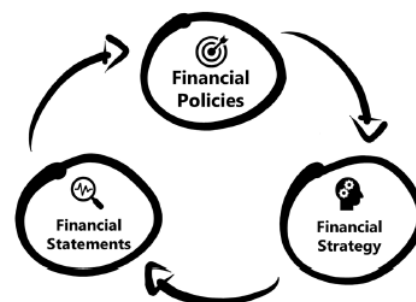
Financial Plan

About the Financial Plan

The Financial Plan defines the broad financial boundaries for Council over the next ten years.

The plan is broken up into three main sections:

- **Financial Policies** that set out the financial targets that ensure Council remains financially sustainable
- **Financial Strategy** identifies the approach Council intends to take to achieve the financial policies; and
- **Financial Statements** apply the financial strategy to a ten year financial model to ensure Council meets their Financial Policy targets.



The **Local Government Act 2020 (The Act)** requires Councils to prepare a ten year Financial Plan in the year following a general election through the introduction of governance and supporting principles which include an integrated approach to planning, monitoring and performance reporting.

Financially Sustainable

The Financial Plan provides clear direction on the allocation, management, and use of financial resources. This is to keep our Council financially sustainable over the short, medium, and long-term as we maintain services and assets, respond to growth and deliver on our strategic priorities, identifying steps to take now – for today – to remain financially sustainable into the next decade and beyond – for tomorrow, working towards our ideal community landscape.

Future-proofing our City today by:

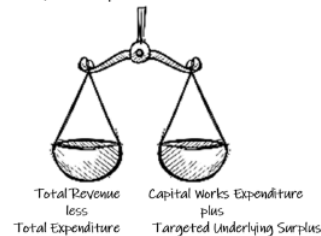
- Increasing rates revenue at the rate cap and targeting the funds raised to those residents and businesses needing the most assistance in our community.
- Adjusting some services identified as a lower priority to enable a keener focus on core services.
- A service delivery framework developed with customer in mind.
- Investing in the Future Ready Frankston program which will focus on automating our processes with customer in mind, build our capability and enhance connectivity.
- Continuing to find efficiency savings on top of significant savings already delivered through a robust 'bottom up' budgeting process.
- Keeping fees and charges affordable, with those directly benefiting from or causing the expenditure making an appropriate contribution to the service, balanced by the capacity of people to pay.
- Prioritising capital expenditure utilising improved asset management practices when addressing essential infrastructure maintenance and renewal.
- Asset rationalisation and consolidation.

Means that tomorrow:

- Our Council continues to deliver the services that are needed by our community.

- Our Council continues to be a low-debt Council.
- Investment in technology has improved our services while producing further savings and benefits.
- Strategic investment in our public space, assets and infrastructure has supported growth.
- There are lower costs to ratepayers, as Council has addressed cost challenges rising above the rates cap.
- A continuing surplus remains to deal with the financial risks that are likely to occur and place additional fiscal stress on the City.

Balanced financial position across the next ten years



The Financial Plan has also been developed to deliver community infrastructure such as a revitalised City, regional sporting facilities, improved open space and facilities and maintenance of our existing assets.

To meet the asset renewal challenges and continue to provide a strong suite of operational services to its residents and provide for the ongoing capital development of Council across a broad range of items in addition to the major priorities mentioned above.

Importantly this Financial Plan highlights the considerable challenges faced by Council over the coming five-year period and beyond in order for Council to remain a viable and sustainable Council and at the same time endeavouring to deliver on key infrastructure projects that are critical to our community.



Rate Capping

The Victorian Government has implemented a rate capping policy preventing councils from raising rates by more than inflation from 1 July 2016. The Victorian Government introduced the "Fair Go Rates" system in 2016-2017, placing a cap on Council rates. Rate revenue constitutes 66 per cent of all Council revenue.

The rate cap over the past six financial years has been 2.5%, 2.0%, 2.25%, 2.5%, 2.0%, 1.50% respectively and for 2022-2023 it has been set at 1.75%. The rate cap is based on the consumer price index which relates to the average increase in the prices of a range of goods and services, very few of which apply to the cost drivers of providing local government services. Council has met this rate cap while continuing to deliver the programs and services needed by our community.

Over time, with the cost of providing services increasing at a greater rate than increases in Council's major source of income, Council's capacity to continue to deliver services and fund its capital program will be severely restricted. Additional pressures are faced from project cost escalations and contractor availability to undertake Council's infrastructure programs amid increasing State and Federal infrastructure spends.

In 2022 we have seen inflation rise to 7.3% over the later twelve months, yet the rate cap set by the State Government was 1.75%. Council does not have many controls that will allow it to adjust for such circumstances and generally must cut capital works delivery to ensure direct services are maintained. The effect means that assets that support the services are not renewed at a rate to maintain service standards and eventually our service to the community is reduced over time.



Challenges

The LTIP highlights the considerable challenges faced by Council over the coming ten year period and beyond in order to remain a viable and sustainable local government authority and at the same time endeavouring to deliver on key infrastructure projects that are critical to the community.

Council's Asset Plan identifies these challenges as:



Council is also aware of the serious, immediate, and potentially long-term impacts the COVID-19 pandemic, recent weather and worldwide events may have on the LTIP. As a result, we have seen cost escalations on projects due to staff and materials shortages, increased energy / insurance costs and general uncertainty in the market. This impact has meant Council is delaying the delivery of some projects detailed in the 2021-2031 LTIP 12 months ago.

Cost Escalations & Change in Priorities

While the LTIP outlines Council's approach to upgrading and delivering infrastructure projects over the coming ten-year period, there are unforeseen pressures resulting in financial impacts which continue to affect a number of projects.

Increases in costs for infrastructure and building construction and contractor availability are a few key issues Council has been faced with addressing when delivering the annual Capital Works program.

Council will continue to carefully balance the enforcement of contracts against the best outcome for the broader community, of particular relevance when sub-contractors are

small or local businesses, are employing local staff, or engaging local sub-contractors or suppliers. Council will continue to engage with suppliers and peak bodies to understand the market and ensure appropriate mitigation strategies are considered as conditions continue to evolve.

Council has also been monitoring the trends in costs and contractor availability and has developed a strategy to manage cost escalation in projects.

Our strategy has two stages:

Stage 1 – Projects that have commenced & scheduled for 2022/23:

- Review and reduce the current project scope (where practical)
- Bundling of projects into larger contracts for favourable procurement outcomes
- Review of panel contracts and increasing the threshold value in these contracts
- Reprioritising current year capital works program.

Stage 2 – Projects not yet started - 2023/2024 and beyond:

- Include higher contingency sums in project budgets
- Review Council's cash provisions (rates) in the Financial Plan and LTIP for discretionary projects
- Only seek external funding opportunity where Council's contribution is minimal or not required to mitigate risk of overrun
- Review advocacy priorities and funding requests on projects
- Reprioritise non-discretionary Capital Works projects (where appropriate)
- Remodel the renewal requirement spending from 2023/24 to 2032/33 – review asset interventions and renewal service levels
- Review of panel contracts and increasing the threshold value in these contracts.

The development of the 2022-2032 LTIP been done in line with this two-stage strategy. The result is a reduction in 2022/23 Capital Works Program by \$13.943 million from \$91.606 million

as detailed in the 2022/23 Council Budget to \$79.465 million. The majority this reduction has been achieved by altering the cash flow of many of our larger projects and frees up funds to manage cost escalations under current contracts and procurements throughout 2022/23.

Reprioritisation of projects and in 2022/23 has a flow-on effect on projects in future years. Combined with higher costs and allowance for higher contingencies on projects, whilst staying within the funding projections in the Financial Plan, has resulted in the scheduling of many projects in Year 2 (2023/24) and beyond in the 2022-32 LTIP to be quite different than in the 2021-31 LTIP. Further work will be undertaken for the 2023-33 LTIP to model the full effects of cost escalation and CPI increases.

This strategy to manage cost escalations and process to manage any variances to the LTIP, is implemented via Council's LTIP Governance Framework. This framework ensures informed decision-making, clear governance and delegation, and regular reporting on issues are performed diligently and escalated as early as possible.

Kindergarten Reform / Population Growth

Council and the community continue to face changes in policy and legislation as a result of decisions made at state and federal government levels. An example is the Early Years Reform which will provide greater access to three and four-year-old kindergarten placements. This LTIP details projects at our kindergarten facilities that will enable these expanded services to be delivered to our community. The reform program is still taking shape and more announcements are being made by the State Government in the lead up to 2022 election.

The Family Health Support department has completed an initial assessment of Council owned kindergartens against the new service requirements detailed by the State Government. These new service requirements are scheduled to be implement in 2025.

Council has 23 kindergartens, 17 are single room. 14 kindergartens have been assessed to expansion or upgrade, currently estimated at over \$60 million to complete the required works. Many of these projects have yet to be included in the LTIP and the full impact of the Kindergarten Reform Program will be included in the 2023-33 LTIP.

Population and demand projection have played a large part in identifying what is required at each kindergarten. With the City's population projected to continue to grow, this creates additional demands for services and facilities. There are increasing numbers of older and younger residents, and this creates additional needs for specific services to these age groups.

Aging Infrastructure & Climate Change

Council's assets are ageing and with this, is an increasing demand to fund the maintenance and renewal of its ageing assets whilst still being expected to provide the new assets required by a growing and changing community.

Council's Asset Plan has developed a set of principles to best manage Frankston's assets to

meet the community's needs (see detail in the next section)

Advances in technology mean that Council can respond quickly and appropriately, particular with data which can be modelled to provide information for making informed decisions on priorities.





The LTIP has a number of renewal programs which implement works from such modelling which can include both preventative works and full replacement of assets. The timing of works is also crucial to maintain services and utilise funds in the most appropriate manner.

Climate change is also a significant global threat that is impacting on Frankston City. Council will need to make important decisions throughout the delivery of the LTIP to ensure that the investment in projects continues to be guided by climate change science, future projections, and uncertainty, so that the design, building, financing, and maintenance of infrastructure are all adapting to climate change.

An example is the current modelling being undertaken on our drainage assets. This modelling will identify drains that are not meeting service requirement and where this is a lack of infrastructure to cope with flooding events.



Asset Decision-Making Principles

 <p>Public space and nature Open spaces that are universally accessible to all members of the public</p>	 <p>Connectivity and accessibility Assets that support connection and accessibility for a wide range of people</p>	 <p>Sustainability/climate change resilience Assets that respond to and integrate climate change considerations and resilience</p>	 <p>Facilities meet community needs Facilities and buildings to meet current and future community needs</p>
<ul style="list-style-type: none"> • Set an aspirational ratio that we're looking for between public space: greenspace • Manage/prevent conflicting uses and activities which may reduce enjoyment • Provision of equitable access to green space • Include corridors and large trees to increase our protection and enhancement of the natural environment 	<ul style="list-style-type: none"> • Improve the efficiency and accessibility of transport and connectivity • Residents of all income levels and abilities to feel comfortable accessing the services • Providing better services for the community of Frankston City – transport and connectivity • Development of key links in walking paths; conduct survey throughout the municipality • More parking at key facilities • When working with developers, making real effort with sustainability • Better storm water drainage • Identify gaps in connectivity (missing paths) using technology to improve connectivity • Providing a seat at a bus stop • Review of bike lanes and active transport infrastructure and better provisions for bike lanes 	<ul style="list-style-type: none"> • Zero carbon emissions • Electric cars, plant and equipment • Creative and future facing technologies • Flourishing flora and fauna and protection of endangered species • Sustainable balance between natural and built environment • Nature city – greening of the city • Environmentally friendly playgrounds • Increased recycling and stormwater, grey water reuse • Clear definition for identifying uses of open spaces, i.e. natural beauty area, sports fields, birdwatching areas, cycling park • Six-star rating for new buildings 	<ul style="list-style-type: none"> • Assist community members to interpret and understand facility design information and process information provided • People (engaged) are well informed • Facilities meet all of the principles • Contributes to financial and environmental sustainability • Appropriate subject matter experts are engaged at the right time and technical expertise is valued • Reduction in complaints • Less building or facility rework/less redesign is needed • Meeting individual needs • Facilities meet needs now and into the future, already accounted for needs within design • Diversity of participants • Increase in accessing facilities and services • Increase in engagement with community and individuals



Loans and Funding Strategies

Funding Strategy

Financing a significant infrastructure program is a key issue for Council in delivering the infrastructure needs of the community. It requires close collaboration and partnership with all levels of government and community partners (refer to Advocacy section for further details).

Projected funding of major capital works projects listed in the LTIP is generally projected with funding contributions from Federal, State and Council. Where future projects listed are subject to funding advocacy which may result to changes in costings and timings.

The project costs indicated in the LTIP are based on "Out Turn" dollars, which are calculated by estimating the project cash flow for each year of the project to represent the actual project cost in "Future Year" dollars. The cost escalation factor used aligns with the factors applied to Council's Financial Plan.

Cost Escalation

Operating in a rate capped environment, a key consideration for Council in the development of the 10-year LTIP as previously discussed.

Developing an effective funding strategy to ensure Council services, and the assets that support their delivery, meet ever changing demand and service needs is key to using the available funds wisely.

A key component of the LTIP is the Cost Escalation Factor (CEF) that is applied across the ten years of the LTIP to allow for increasing costs of capital projects. The LTIP utilises a cost escalation factor (CEF) based on a rolling average of the Producer Price Index (PPI) from the Australian Bureau of Statistics to allow for cost increases, particularly in civil and facility projects.

The inaugural LTIP adopted by Council in June 2019 deployed a CEF of 2.13% over the ten (10) year profile. Following a subsequent upturn in construction costs, the rolling average CEF that

has been applied to the LTIP has now increased to 2.55%. However, recent increases in inflation in 2022 is likely to see the CEF increase for the 2023-33 LTIP.

Borrowings

As a result of rate capping, coupled with cost escalation, Council's LTIP faces significant budgetary pressures. Some of the challenges that Council is facing in securing sufficient funding for the delivery of major projects include:

- The impacts of inflationary pressures to the costs of undertaking capital works over time;
- Potential reduction in external funding opportunities;
- Pressure of meeting community expectations especially in the upgrade and renewal of important assets (i.e. drainage, streetscapes, multi-purpose function centres and sporting infrastructure); and
- Dwindling Council reserve funding.

To mitigate these threats to fund projects in future years, it is prudent for Council to consider the benefits that borrowing money can provide as a financing strategy for Council given then current economic environment.

A cost benefit analysis undertaken showing the Present Value of borrowings with both commercially available interest rates and government sponsored loans show a favourable outcome compared to the option of deferring projects.

Other non-financial benefits of borrowing funds include:

- Projects can be delivered earlier to meet the service demands of the community;
- Asset maintenance and overall life cycle costs are reduced;
- Benefit to the community having early access to the infrastructure/facility; and
- Community expectations can be met earlier than anticipated.

The cost of borrowing money has quite low in recent years. When interest rates for loans are lower than the cost escalation factors applied to the LTIP, the use of borrowing is a sound funding strategy in the present economic climate.

Major projects that are selected to be included in Council's borrowing strategy and thereby have been brought forward in the LTIP based on the below selection criteria:

- Organisation Alignment;
- Fit for Purpose Criticality;
- Gender Equality Criticality;
- Community Expectation Risks;
- Club Contribution;
- External Funding Status; and
- Project Readiness.

However recent interest rate increases in 2022, has required a re-evaluation of the projects in our loans strategy. The 2022-32 LTIP has reduced the use of loans in the next 10 years to \$60.7 million. As a result, some major projects have been deferred or rescope to reduce borrowings, such as Pines Aquatic Centre Redevelopment.

- Kananook Commuter Car Park - \$18 million
- Barretts Road Construction -\$1.488 million
- Seaford North Sports Lighting Redevelopment - \$200,000
- Beach Street and McMahon's Road intersection improvements - \$320,380
- Sandfield Reserve Youth Space Improvements - \$300,000
- Langwarrin Netball Pavilion Redevelopment -\$800,000
- Monterey Reserve Sports Lighting Redevelopment - \$315,000.

It should be noted that the LTIP aligns with Council's advocacy framework and flagship priorities following the outcomes of the federal and state elections held in 2022, noting that State election outcomes are still to be determined.

Advocacy & Election Commitments

Many of our projects are delivered with support and collaboration from the federal and state governments, private-sector and community partners, and adjoining municipalities. Our advocacy efforts in 2021-2022 included submitting 35 external funding applications, 63 per cent of which were successful and resulted in funding of \$23.3 million. Some of the key projects successful in receiving grant funding in 2021-2022 include:



Project Delivery

Council's Project Management Framework

Council has a Project Management Framework to plan, develop, implement and monitor projects and ensure that projects are:

- The highest priority and scoped for maximum value-for-money;
- Delivered in a timely and efficient manner; and
- Managed and maintained effectively over their life.

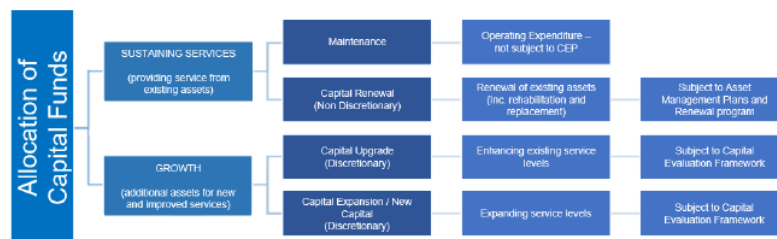


In a financially constrained and rate-capped environment, it is essential that Council makes sound capital investment decisions with its finite capital resources that maximise public value for current and future generations.

The LTIP Governance Framework provides a means of evaluating and appraising proposed infrastructure investments, as well as setting priorities within the context of the LTIP and the annual Capital Works Program (CWP) to address strategic service delivery needs.

The framework seeks to:

- Establish a robust impartial appraisal methodology and priority-based system for allocating finite Council resources for investment towards infrastructure assets;
- Ensure that investment in capital is undertaken in a financially sustainable manner and in accordance with best practice asset management principles; and
- Enhance transparency and public confidence in Council's decision-making process relating to the investment of capital.





The Project Overview Sheet (Project Proposal) provides a gateway that aims to ensure a sound and rigorous approach to developing, evaluating and delivering infrastructure projects. It also identifies the benefits and deliverables from a project which are tracked and used to measure the health of the services supported by the project and for improvements to future projects.

The process ensures that projects are approved with supporting economic or financial analysis (assessed the community benefits against the costs), and then subsequently monitored Council's LTIP Governance Framework to ensure that projects running over budget in cost and/or being delayed or cancelled are scrutinised and appropriate decisions made to ensure the benefits from the project are realised.

Council's Project Management Office assists project sponsors to ensure that consideration is given to:

- Scoping of projects to achieve their intended benefits to service delivery;
- Cost control and "value-engineering" so projects are scoped for maximum value-for money; and
- Management of contingency budgets to minimise scope creep.

Cost estimating practices and risk management are key fundamentals to the project assurance framework. Risk-weighted estimates undertaken at various stages during project planning, development and tendering stages can be used to align the project scope with contingency allowances, enabling earlier identification and better allocation of risk, resulting improved risk mitigation.

Measuring Performance

Council's performance is monitored using the measures outlined in the Council Plan and Local Government Performance Reporting Framework. This data becomes a good source to report performance and benchmark against other local governments.

Measure	Target
Asset renewal compared to depreciation	90%
Percentage of adjusted Capital Works Program delivered (recognising achieved project savings).	90% (at financial year end)
Number of sealed local road requests.	No more than 120 requests per kilometre (at financial year end)
Number of kilometres of sealed local roads below the renewal intervention level set by Council	95% (Acceptable range 80 - 100%)
Direct cost of sealed local road reconstruction	Less than \$200 per kilometre
Direct cost of sealed local road resealing	Less than \$30 per kilometre
Community satisfaction rating out of 100 with how Council has performed on the condition of sealed local roads	50 – 100% (Expected range)

APPENDICES

1. 10 YEAR BUDGET SUMMARY

- 1 By Gross Budget, Income, Rates

2. 10 YEAR INCOME SUMMARY

- 2 10 Year Income Projections

3. 2 YEAR BUDGET SUMMARY (2022/23-2023/24)

- 3A Service Program Summary
- 3B Service Program Detailed

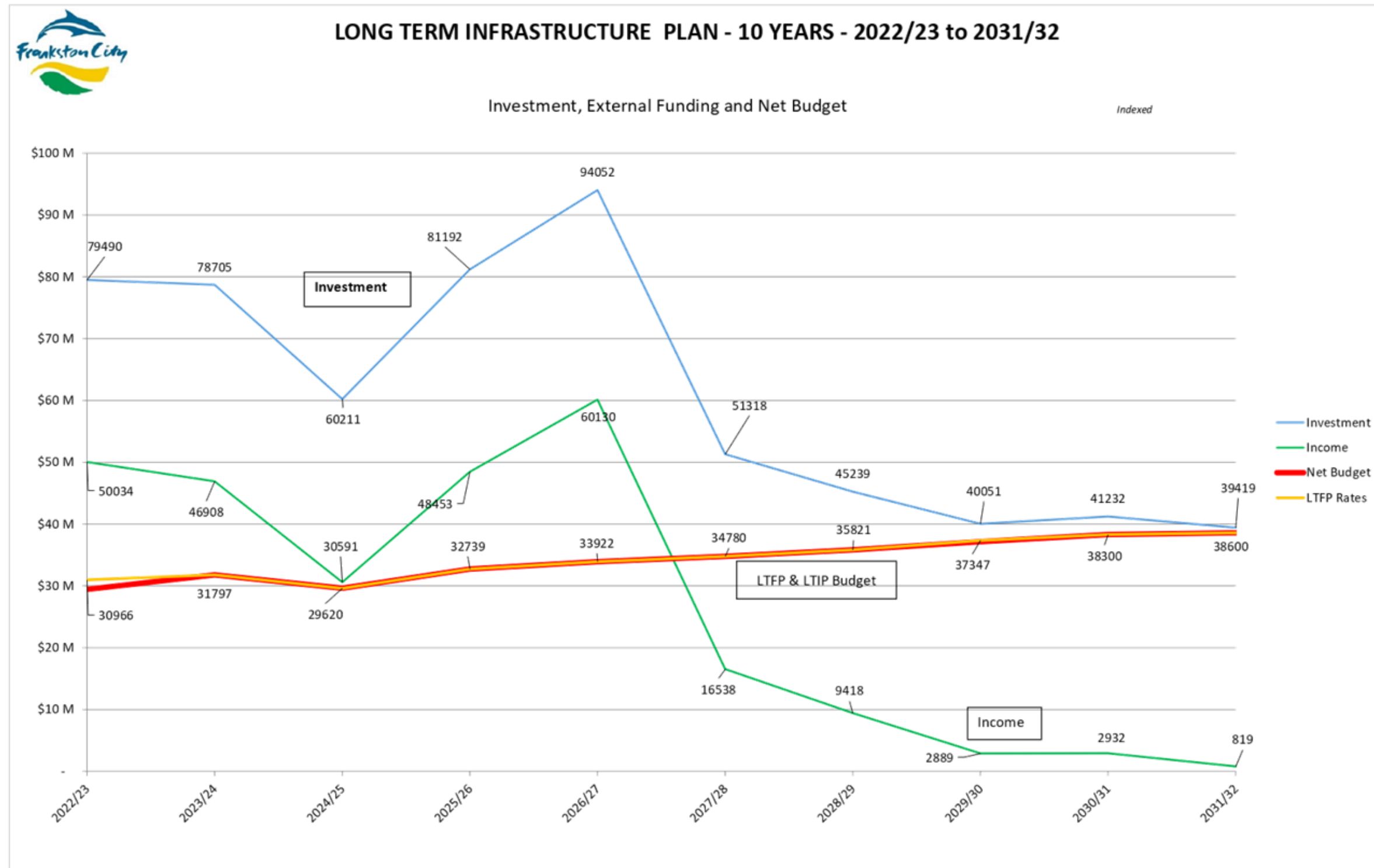




Appendix 1

10 YEAR BUDGET SUMMARY

1 By Gross Budget, Income, Rates





Appendix 2

10 YEAR INCOME SUMMARY

10 Year Income Projections



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 10 YEARS - 2022/23 to 2031/32
2022/23 - 2031/32 LTIP Income Summary

	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	TOTAL
Total Income	50,035,000	47,836,000	31,791,000	47,253,000	59,130,000	16,538,000	9,418,000	2,889,000	2,932,000	819,000	268,641,000
External Income											
Grants	17,742,000	26,300,000	14,075,000	26,700,000	44,913,000	14,416,000	4,719,000	1,123,000	1,126,000	-	151,114,000
State Government Grants	7,452,000	7,175,000	9,218,000	16,240,000	37,075,000	6,150,000	2,850,000	250,000	250,000	-	86,660,000
Commonwealth Government Grants	10,290,000	19,125,000	4,857,000	10,460,000	7,838,000	8,266,000	1,869,000	873,000	876,000	-	64,454,000
DCP/Sales/Loans/Reserves	32,292,000	20,608,000	16,516,000	21,753,000	15,217,000	2,122,000	4,699,000	1,766,000	1,806,000	819,000	117,598,000
Contributions	120,000	-	200,000	1,115,000	-	110,000	960,000	-	-	-	2,505,000
Reserves	26,182,000	4,003,000	3,952,000	3,118,000	3,655,000	1,052,000	822,000	724,000	726,000	-	44,234,000
Loans	4,900,000	15,669,000	11,400,000	16,330,000	10,500,000	-	1,900,000	-	-	-	60,699,000
Sales	1,090,000	936,000	964,000	1,190,000	1,062,000	960,000	1,017,000	1,042,000	1,080,000	819,000	10,160,000



Appendix 3A

2 YEAR BUDGET SUMMARY (2022/23-2023/24)

Service Program Summary



FRANKSTON CITY COUNCIL LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24

Service Group, Service, Asset Management Policy

Service Program	Service	AM Policy	Year 1			Year 2		
			79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
			2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
Community Wellbeing and Safety			45,626,000	32,611,000	13,015,000	23,719,000	13,961,000	9,758,000
	Arts and Culture		1,691,000	-	1,691,000	2,147,000	600,000	1,547,000
	Non-Discretionary		1,237,000	-	1,237,000	1,148,000	-	1,148,000
	Discretionary		454,000	-	454,000	999,000	600,000	399,000
	Community Development		340,000	130,000	210,000	1,130,000	158,000	972,000
	Non-Discretionary		180,000	-	180,000	645,000	-	645,000
	Discretionary		160,000	130,000	30,000	485,000	158,000	327,000
	Community Health		439,000	113,000	326,000	2,696,000	1,500,000	1,196,000
	Non-Discretionary		189,000	113,000	76,000	2,400,000	1,500,000	900,000
	Discretionary		250,000	-	250,000	296,000	-	296,000
	Community Safety		398,000	-	398,000	467,000	-	467,000
	Non-Discretionary		228,000	-	228,000	67,000	-	67,000
	Discretionary		170,000	-	170,000	400,000	-	400,000
	Sports and Recreation		42,758,000	32,368,000	10,390,000	17,279,000	11,703,000	5,576,000
	Non-Discretionary		3,068,000	1,105,000	1,963,000	3,071,000	1,510,000	1,561,000
	Discretionary		39,690,000	31,263,000	8,427,000	14,208,000	10,193,000	4,015,000
Economic and City Development			2,620,000	1,045,000	1,575,000	3,097,000	546,000	2,551,000
	Urban Revitalisation		2,620,000	1,045,000	1,575,000	3,097,000	546,000	2,551,000
	Non-Discretionary		200,000	-	200,000	615,000	146,000	469,000
	Discretionary		2,420,000	1,045,000	1,375,000	2,482,000	400,000	2,082,000
Organisational Support			7,496,000	1,555,000	5,941,000	8,835,000	3,346,000	5,489,000
	Asset Management		3,451,000	1,155,000	2,296,000	4,103,000	1,246,000	2,857,000
	Non-Discretionary		3,021,000	1,055,000	1,966,000	3,393,000	936,000	2,457,000
	Discretionary		430,000	100,000	330,000	710,000	310,000	400,000
	Technology and information		3,248,000	150,000	3,098,000	2,358,000	-	2,358,000
	Non-Discretionary		1,723,000	150,000	1,573,000	1,713,000	-	1,713,000
	Discretionary		1,525,000	-	1,525,000	645,000	-	645,000
	Governance and Compliance		497,000	250,000	247,000	2,114,000	2,100,000	14,000
	Discretionary		497,000	250,000	247,000	2,114,000	2,100,000	14,000
	Customer and business solutions		300,000	-	300,000	260,000	-	260,000
	Discretionary		300,000	-	300,000	260,000	-	260,000
Sustainable Environment			12,348,000	9,791,000	2,557,000	11,202,000	5,475,000	5,727,000

Item 12.6 Attachment A: Long Term Infrastructure Plan 2022-32 - 2022/23 & 2023/24 Update

	Year 1			Year 2		
	79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
Biodiversity and Open Space	7,878,000	6,626,000	1,252,000	6,936,000	4,175,000	2,761,000
Non-Discretionary	2,721,000	1,654,000	1,067,000	2,566,000	705,000	1,861,000
Discretionary	5,157,000	4,972,000	185,000	4,370,000	3,470,000	900,000
Integrated Water	2,534,000	1,850,000	684,000	3,389,000	1,300,000	2,089,000
Non-Discretionary	550,000	-	550,000	1,772,000	-	1,772,000
Discretionary	1,984,000	1,850,000	134,000	1,617,000	1,300,000	317,000
Waste and Recycling	1,034,000	875,000	159,000	392,000	-	392,000
Non-Discretionary	452,000	375,000	77,000	126,000	-	126,000
Discretionary	582,000	500,000	82,000	266,000	-	266,000
Climate Change Action	902,000	440,000	462,000	485,000	-	485,000
Non-Discretionary	430,000	300,000	130,000	349,000	-	349,000
Discretionary	472,000	140,000	332,000	136,000	-	136,000
Transport	11,400,000	5,032,000	6,368,000	31,852,000	23,580,000	8,272,000
Parking	1,700,000	1,700,000	-	20,200,000	20,100,000	100,000
Discretionary	1,700,000	1,700,000	-	20,200,000	20,100,000	100,000
Transport Connectivity	9,700,000	3,332,000	6,368,000	11,652,000	3,480,000	8,172,000
Non-Discretionary	5,740,000	614,000	5,126,000	7,215,000	348,000	6,867,000
Discretionary	3,960,000	2,718,000	1,242,000	4,437,000	3,132,000	1,305,000
Totals	79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000



Appendix 3B

2 YEAR BUDGET SUMMARY (2022/23-2023/24)

Service Program Detailed



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24

Service Group, Service, Asset Management Policy

Service Program	Service	AM Policy	Ref Number	Project Title	Year 1			Year 2		
					79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
					2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
Community Wellbeing and Safety					45,626,000	32,611,000	13,015,000	23,719,000	13,961,000	9,758,000
<i>Arts and Culture</i>					<i>1,691,000</i>	<i>-</i>	<i>1,691,000</i>	<i>2,147,000</i>	<i>600,000</i>	<i>1,547,000</i>
<i>Non-Discretionary</i>					<i>1,237,000</i>	<i>-</i>	<i>1,237,000</i>	<i>1,148,000</i>	<i>-</i>	<i>1,148,000</i>
	2555			Frankston Arts Centre - Technical Equipment Renewal	62,000	-	62,000	103,000	-	103,000
	2560			Arts & Culture Facilities Renewal Program	-	-	-	220,000	-	220,000
	2575			Library Collection Renewal	750,000	-	750,000	750,000	-	750,000
	2576			Library Furnishing & Equipment Renewal	-	-	-	50,000	-	50,000
	2001			Carrum Downs and Frankston Libraries Service Desk Area Upgrade	30,000	-	30,000	-	-	-
	2331			Frankston Arts Centre Sound System Renewal	200,000	-	200,000	-	-	-
	2577			Carrum Downs Library Furniture Renewal	150,000	-	150,000	25,000	-	25,000
	2611			Public Artworks Renewal Program	45,000	-	45,000	-	-	-
<i>Discretionary</i>					<i>454,000</i>	<i>-</i>	<i>454,000</i>	<i>999,000</i>	<i>600,000</i>	<i>399,000</i>
	1194			Laneway Activation - Big Picture Festival	148,000	-	148,000	144,000	-	144,000
	1295			Frankston Arts Centre Cube Forecourt Renewal	-	-	-	600,000	400,000	200,000
	2079			Sculpture Public Artwork Development	200,000	-	200,000	200,000	200,000	-
	3228			McCombs Reserve Electricity Supply Upgrade	50,000	-	50,000	-	-	-
	3249			Libraries On The Go - Vehicle Acquisition	56,000	-	56,000	-	-	-
	1255			Frankston Arts Centre Façade Panel Art Refresh on Davey Street Façade	-	-	-	25,000	-	25,000
	2763			Frankston Arts Centre Precinct - Moving Light Packages	-	-	-	30,000	-	30,000
Community Development					340,000	130,000	210,000	1,130,000	158,000	972,000
<i>Non-Discretionary</i>					<i>180,000</i>	<i>-</i>	<i>180,000</i>	<i>645,000</i>	<i>-</i>	<i>645,000</i>
	2556			Community Facilities Renewal Program	180,000	-	180,000	100,000	-	100,000
	2879			Community Halls Renewal Program	-	-	-	95,000	-	95,000
	3213			Mechanics Institute Hall Floor Renewal	-	-	-	450,000	-	450,000
<i>Discretionary</i>					<i>160,000</i>	<i>130,000</i>	<i>30,000</i>	<i>485,000</i>	<i>158,000</i>	<i>327,000</i>
	2700			Frankston North Community Centre - Upgrade playroom playground and outdoor areas at front	55,000	55,000	-	-	-	-
	3050			Nairn Marr Djambana Gathering Place Building Upgrade	75,000	75,000	-	185,000	158,000	27,000
	3043			Frankston North Community Centre - Security camera upgrade and door counters	30,000	-	30,000	-	-	-
	2878			Forward Design Project	-	-	-	300,000	-	300,000
Community Health					439,000	113,000	326,000	2,696,000	1,500,000	1,196,000
<i>Non-Discretionary</i>					<i>189,000</i>	<i>113,000</i>	<i>76,000</i>	<i>2,400,000</i>	<i>1,500,000</i>	<i>900,000</i>
	2559			Family Health Support Services- Facilities Renewal Program	26,000	-	26,000	50,000	-	50,000
	3209			Baden Powell Kindergarten Redevelopment & Expansion	50,000	-	50,000	150,000	-	150,000
	3286			Riviera Kindergarten Redevelopment & Expansion	113,000	113,000	-	2,000,000	1,500,000	500,000
	3284			Lyrebird Community Centre Playground/Landscape and Shade Improvements	-	-	-	200,000	-	200,000
<i>Discretionary</i>					<i>250,000</i>	<i>-</i>	<i>250,000</i>	<i>296,000</i>	<i>-</i>	<i>296,000</i>
	2282			Seaford Child & Family Centre	50,000	-	50,000	150,000	-	150,000
	3278			Langwarrin Community Centre Upgrade of Childrens Services Retaining Wall	200,000	-	200,000	-	-	-
	2178			Langwarrin Child & Family Centre	-	-	-	146,000	-	146,000



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24

Service Group, Service, Asset Management Policy

Service Program	Service	AM Policy	Ref Number	Project Title	Year 1			Year 2		
					79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
					2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
Community Safety					398,000	-	398,000	467,000	-	467,000
<i>Non-Discretionary</i>					228,000	-	228,000	67,000	-	67,000
			2585	Safe City Surveillance System - CCTV Camera Renewal Program	228,000	-	228,000	46,000	-	46,000
			2586	Ticket Machine Renewal Program	-	-	-	21,000	-	21,000
<i>Discretionary</i>					170,000	-	170,000	400,000	-	400,000
			2035	Safe City Surveillance System - CCTV Camera Installation in Public Places	100,000	-	100,000	100,000	-	100,000
			3242	Authorised Officer Body Cameras	30,000	-	30,000	-	-	-
			3275	Youth Central upgrade and risk mitigation	40,000	-	40,000	300,000	-	300,000
Sports and Recreation					42,758,000	32,368,000	10,390,000	17,279,000	11,703,000	5,576,000
<i>Non-Discretionary</i>					3,068,000	1,105,000	1,963,000	3,071,000	1,510,000	1,561,000
			1402	Peninsula Aquatic and Recreation Centre Renewal Program	520,000	520,000	-	820,000	820,000	-
			2558	Structured Recreation Pavilions Renewal Program	-	-	-	200,000	-	200,000
			2599	Sporting Ground Pitch Cover Renewal Program	22,000	-	22,000	21,000	-	21,000
			2600	Sporting Ground Goal Post Replacement Program	15,000	-	15,000	15,000	-	15,000
			2602	Cricket Net Renewal Program	-	-	-	51,000	-	51,000
			2603	Sporting Reserve Irrigation & Drainage Systems Renewal Program	200,000	-	200,000	200,000	-	200,000
			2880	Frankston Pines Aquatic Centre Renewal Program	50,000	-	50,000	100,000	-	100,000
			1733	Ballam Park Athletics Pavilion Refurbishment	60,000	60,000	-	1,440,000	690,000	750,000
			3065	Ballam Park Athletic Track Renewal	570,000	-	570,000	-	-	-
			3120	Delacombe Park Oval 1 - Terrace Seating and Stairs Renewal	150,000	-	150,000	-	-	-
			3334	Sports Ground Design	30,000	-	30,000	29,000	-	29,000
			3338	Peninsula Reserve Cricket Net Renewal	176,000	10,000	166,000	-	-	-
			3358	Seaford North – Seaford Soccer Club - Lighting to two soccer pitches including power upgrade (Soccer pitches 1 and 2)	475,000	200,000	275,000	-	-	-
			3359	Monterey Reserve - Lighting for soccer pitches 1, 2 and 3	630,000	315,000	315,000	-	-	-
			3362	Kitchen upgrade at Riviera Pavilion	170,000	-	170,000	-	-	-
			1410	Robinsons Park - Protection Net	-	-	-	115,000	-	115,000
			3062	Baxter Park Tennis Club - decommission courts 1, 2 & 3	-	-	-	80,000	-	80,000
<i>Discretionary</i>					39,690,000	31,263,000	8,427,000	14,208,000	10,193,000	4,015,000
			1330	Frankston Park Masterplan Implementation	-	-	-	250,000	-	250,000
			1351	Jubilee Park (West Precinct) Master Plan Implementation	3,061,000	900,000	2,161,000	-	-	-
			1357	Jubilee Park Indoor Multipurpose Netball Complex	20,368,000	17,938,000	2,430,000	-	-	-
			1371	Kevin Collopy Pavilion Upgrade at Jubilee Park	-	-	-	4,551,000	4,019,000	532,000
			1479	Eric Bell Reserve Pavilion Upgrade	2,650,000	2,650,000	-	4,000,000	4,000,000	-
			1660	Overport Park Mountain Bike Track	170,000	-	170,000	-	-	-
			1904	Lloyd Park Football Pavilion Upgrade	4,887,000	4,887,000	-	-	-	-
			2060	Minor Sports Infrastructure Program	-	-	-	100,000	-	100,000
			2366	Frankston Healthy Futures Hub (formally Linen House)	5,010,000	2,594,000	2,416,000	-	-	-
			2428	Redevelopment of the Frankston BMX track	56,000	56,000	-	-	-	-
			2765	Public Lighting in Reserves	-	-	-	61,000	-	61,000
			2986	Upgrade to the pavilion, lighting and courts at Carrum Downs Tennis Club	1,375,000	250,000	1,125,000	-	-	-
			1884	Lloyd Park Skate Park Redevelopment	90,000	90,000	-	250,000	250,000	-
			2429	Frankston BMX Track - BMX track - Lighting	150,000	150,000	-	-	-	-
			2779	Lloyd Park Netball Pavilion Upgrade	800,000	800,000	-	700,000	700,000	-
			3229	Carrum Downs Recreation Reserve - New Electronic Scoreboard	30,000	20,000	10,000	-	-	-
			3239	Pat Rollo Reserve Playing Surface Alterations & Associated Infrastructure	244,000	244,000	-	-	-	-
			3328	Jubilee Park Landscaping, Lighting and Ancillary Park Infrastructure	100,000	100,000	-	946,000	-	946,000
			3368	Centenary Park Golf Course Masterplan Implementation - 13th hole	215,000	100,000	115,000	-	-	-



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24

Service Group, Service, Asset Management Policy

Service Program	Service	AM Policy	Ref Number	Project Title	Year 1			Year 2		
					79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
					2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
			3388	Frankston BMX Toilet Installation	384,000	384,000	-	-	-	-
			3408	Belvedere Tennis Club Redevelopment courts sports lighting	100,000	100,000	-	160,000	30,000	130,000
			1499	McClelland Reserve (Soccer 1) Sports Lighting	-	-	-	400,000	-	400,000
			1575	Sports Lighting at Baxter Park Oval 2	-	-	-	21,000	-	21,000
			2944	Pines Forest Aquatic Centre (PFAC) Renewal - Planning & Scoping	-	-	-	146,000	-	146,000
			3070	Yamala Tennis Club - resurfacing courts 3-4	-	-	-	74,000	74,000	-
			3071	Yamala Tennis Club - update court to pavilion for DDA access	-	-	-	45,000	20,000	25,000
			3075	Yamala Tennis Club - universal gate access	-	-	-	14,000	-	14,000
			3076	Basketball & Gymnastics Centre	-	-	-	1,000,000	1,000,000	-
			3193	Belvedere Precinct Overflow Carparking	-	-	-	550,000	-	550,000
			3318	Overport Park Master Plan Implementation - Sweet Water Creek Pedestrian Connection	-	-	-	65,000	-	65,000
			3319	Overport Park Master Plan Implementation - Pathing Network & Connection Upgrade	-	-	-	50,000	-	50,000
			3320	Overport Park Master Plan Implementation - Installation of Bench Seats	-	-	-	28,000	-	28,000
			3322	Centenary Park Golf Course Master Plan Implementation - Overflow Car Parking (Transfer Station Precinct)	-	-	-	50,000	-	50,000
			3324	Centenary Park Golf Course Master Plan Implementation - Golf Course Improvements	-	-	-	21,000	-	21,000
			3327	Jubilee Park Outdoor Netball Courts - Resurfacing	-	-	-	186,000	-	186,000
			3365	Centenary Park Golf Course Masterplan Implementation - 1st hole	-	-	-	15,000	-	15,000
			3366	Centenary Park Golf Course Masterplan Implementation - 18th hole	-	-	-	240,000	100,000	140,000
			3367	Centenary Park Golf Course Masterplan Implementation - 10th hole	-	-	-	15,000	-	15,000
			3371	Centenary Park Golf Course Masterplan Implementation - 8th hole	-	-	-	15,000	-	15,000
			3374	Centenary Park Golf Course Masterplan Implementation - 14th hole/15th tee	-	-	-	15,000	-	15,000
			3384	Centenary Park Golf Course Masterplan Implementation - Turf nursery (sand cap and seed)	-	-	-	40,000	-	40,000
			3418	Frankston Croquet Club -Retaining Wall Renewal	-	-	-	200,000	-	200,000
Economic and City Development					2,620,000	1,045,000	1,575,000	3,097,000	546,000	2,551,000
Urban Revitalisation					2,620,000	1,045,000	1,575,000	3,097,000	546,000	2,551,000
Non-Discretionary					200,000	-	200,000	615,000	146,000	469,000
			2597	Municipal Wayfinding Strategy Implementation	200,000	-	200,000	600,000	146,000	454,000
			3272	Smart Cities - Sensor Renewal Program	-	-	-	15,000	-	15,000
Discretionary					2,420,000	1,045,000	1,375,000	2,482,000	400,000	2,082,000
			2792	City Centre Greening and Improvement Program	-	-	-	150,000	150,000	-
			2984	Frankston Revitalisation Action Plan - Steibel Lane Activation	170,000	140,000	30,000	-	-	-
			1446	White Street Mall Upgrade	60,000	-	60,000	-	-	-
			2859	Local Shopping Strip Action Plan - Major Improvement Program	300,000	-	300,000	400,000	-	400,000
			3181	Urban Forest Action Plan - Tree Planting on Major Roads	170,000	170,000	-	200,000	200,000	-
			3203	Frankston Revitalisation Action Plan - Frankston Pier Creative Lighting	190,000	190,000	-	-	-	-
			3206	Frankston Revitalisation Action Plan - Priority Projects from Frankston Revitalisation Action Plan	150,000	-	150,000	-	-	-
			3207	Frankston Revitalisation Action Plan - Nepean Highway (Davey Street - Beach Street) Median Revitalisation	500,000	425,000	75,000	-	-	-
			3223	Nepean Highway Revitalisation - Stage 2 & 3	300,000	-	300,000	700,000	-	700,000
			3270	Smart Cities - Asset Utilisation	150,000	-	150,000	14,000	-	14,000
			3306	Lighting Frankston Plan Implementation - Circuit Path Illumination Pilot Programme	25,000	25,000	-	180,000	-	180,000



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24

Service Group, Service, Asset Management Policy

Service Program	Service	AM Policy	Ref Number	Project Title	Year 1			Year 2		
					79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
					2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
			3307	Lighting Frankston Plan Implementation - Foreshore Boardwalk Lighting	25,000	25,000	-	100,000	-	100,000
			3308	Frankston Lighting Plan Implementation - St. Paul's Church	40,000	-	40,000	-	-	-
			3309	Frankston Lighting Plan Implementation - Frankston Waterfront Precinct	20,000	-	20,000	186,000	-	186,000
			3310	Lighting Frankston Plan Implementation - Creative Tree Illumination Pilot Programme	50,000	50,000	-	92,000	50,000	42,000
			3311	Lighting Frankston Plan Implementation - Bridge Illumination Programme	150,000	-	150,000	140,000	-	140,000
			3347	Civic Clock - Station Street / Clyde Street Decorative Clock Feature	20,000	-	20,000	-	-	-
			3354	Landscaping works at Cranbourne Rd/Beach St intersection	20,000	20,000	-	-	-	-
			3416	Oliver's Hill Boat Ramp Car Park Alterations & Utilities for Food Trucks	80,000	-	80,000	-	-	-
			3142	Local Shopping Strip Action Plan Implementation - Minor Improvements Program	-	-	-	50,000	-	50,000
			3232	Frankston Regional Arts Trail	-	-	-	100,000	-	100,000
			3269	Smart Cities - Sensor Deployment	-	-	-	50,000	-	50,000
			3273	Digital WayFinding	-	-	-	120,000	-	120,000
Organisational Support					7,496,000	1,555,000	5,941,000	8,835,000	3,346,000	5,489,000
Asset Management					3,451,000	1,155,000	2,296,000	4,103,000	1,246,000	2,857,000
<i>Non-Discretionary</i>					<i>3,021,000</i>	<i>1,055,000</i>	<i>1,966,000</i>	<i>3,393,000</i>	<i>936,000</i>	<i>2,457,000</i>
			2557	Civic & Operations Facilities Renewal Program	470,000	-	470,000	320,000	-	320,000
			2561	Facility Maintenance Contract Renewal Program	250,000	-	250,000	232,000	-	232,000
			2562	Facilities Painting Program	150,000	-	150,000	215,000	-	215,000
			2578	Office Furniture & Equipment Renewal	15,000	-	15,000	51,000	-	51,000
			2587	Light Vehicle Replacement Program	940,000	800,000	140,000	1,000,000	800,000	200,000
			2588	Heavy Plant & Equipment Replacement Program	986,000	250,000	736,000	995,000	131,000	864,000
			2590	Minor Plant & Equipment Replacement Program	30,000	5,000	25,000	30,000	5,000	25,000
			2881	Storm and Vandalism Renewal Program	-	-	-	100,000	-	100,000
			2966	Asbestos Eradication Program	50,000	-	50,000	100,000	-	100,000
			3235	Operations Centre - Turf Shed Renewal	130,000	-	130,000	-	-	-
			3218	Coastal Public Toilets - Oliver's Hill	-	-	-	50,000	-	50,000
			3419	Replacement of Fire Services system in the Civic Centre	-	-	-	300,000	-	300,000
<i>Discretionary</i>					<i>430,000</i>	<i>100,000</i>	<i>330,000</i>	<i>710,000</i>	<i>310,000</i>	<i>400,000</i>
			3220	Fleet Vehicle Acquisitions	110,000	-	110,000	-	-	-
			3001	Fleet Telematics	220,000	-	220,000	-	-	-
			3314	Carrum Downs Recreation Reserve - New Public Toilet	100,000	100,000	-	610,000	310,000	300,000
			3233	Electric Vehicles - Charging Infrastructure & EV Vehicle Acquisition	-	-	-	100,000	-	100,000
Technology and information					3,248,000	150,000	3,098,000	2,358,000	-	2,358,000
<i>Non-Discretionary</i>					<i>1,723,000</i>	<i>150,000</i>	<i>1,573,000</i>	<i>1,713,000</i>	<i>-</i>	<i>1,713,000</i>
			2573	GIS Mapping Renewal	80,000	-	80,000	170,000	-	170,000
			2579	Anti-Virus Software replacement	-	-	-	55,000	-	55,000
			2581	Remote Access Renewal	50,000	-	50,000	100,000	-	100,000
			2807	SQL Server Renewal	50,000	-	50,000	50,000	-	50,000
			2808	Network & Comms Renewal Program	160,000	-	160,000	90,000	-	90,000
			2812	Hardware & Device Renewal	280,000	-	280,000	100,000	-	100,000
			2926	UPS Renewal	-	-	-	154,000	-	154,000
			2574	Mobile Device Management Renewal Program	11,000	-	11,000	10,000	-	10,000
			2582	WiFi Network Renewal Program	25,000	-	25,000	45,000	-	45,000
			2816	Document Scanner Renewal	67,000	-	67,000	-	-	-
			3258	IT Strategy - Cloud implementation	200,000	-	200,000	202,000	-	202,000



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24
Service Group, Service, Asset Management Policy

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					79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
					2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
			3260	IT Strategy - Cyber security	150,000	150,000	-	139,000	-	139,000
			3261	IT Strategy - Enhance integration	150,000	-	150,000	139,000	-	139,000
			3265	Microsoft 365 and Teams calling	225,000	-	225,000	190,000	-	190,000
			3271	Digital & Data Implementation	100,000	-	100,000	18,000	-	18,000
			3351	Civic Centre Meeting Rooms IT Refurbishment	75,000	-	75,000	-	-	-
			3352	FAMIS – System Integration	100,000	-	100,000	-	-	-
			2583	Payroll/ HR system Renewal	-	-	-	10,000	-	10,000
			2584	Finance system enhancements	-	-	-	180,000	-	180,000
			2810	Reporting System Renewal	-	-	-	11,000	-	11,000
			2813	Public PC Replacement	-	-	-	50,000	-	50,000
			<i>Discretionary</i>		<i>1,525,000</i>	<i>-</i>	<i>1,525,000</i>	<i>645,000</i>	<i>-</i>	<i>645,000</i>
			2923	Human Resources & Payroll System Renewal	324,000	-	324,000	-	-	-
			2977	Asset Management Information System (FAMIS)	120,000	-	120,000	-	-	-
			2925	Location Intelligence Strategy & Improvement Program	22,000	-	22,000	10,000	-	10,000
			2927	Finance System Renewal	200,000	-	200,000	-	-	-
			2948	Robotic & AI Implementation Program	29,000	-	29,000	-	-	-
			3237	Pathway System Upgrade & Integration	200,000	-	200,000	-	-	-
			3259	IT Strategy - Establish Enterprise Architecture	100,000	-	100,000	-	-	-
			3262	IT Strategy - Identity Access Management	50,000	-	50,000	150,000	-	150,000
			3266	Point of Sale (POS) system renewal	150,000	-	150,000	-	-	-
			3393	Open Windows	60,000	-	60,000	-	-	-
			3394	New Council Phone Solution	100,000	-	100,000	-	-	-
			3395	Email security management solution	120,000	-	120,000	-	-	-
			3397	Business IT requests	50,000	-	50,000	25,000	-	25,000
			2071	Program / Project Management System	-	-	-	80,000	-	80,000
			2928	Aged Care system	-	-	-	150,000	-	150,000
			3264	IT Strategy - Establish customer data model and procure data platform	-	-	-	80,000	-	80,000
			3268	IT Strategy Mobilisation (line 42,43,47,48)	-	-	-	100,000	-	100,000
			3396	Web filtering solution	-	-	-	50,000	-	50,000



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24

Service Group, Service, Asset Management Policy

Service Program	Service	AM Policy	Ref Number	Project Title	Year 1			Year 2		
					79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
					2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
Governance and Compliance					497,000	250,000	247,000	2,114,000	2,100,000	14,000
				<i>Discretionary</i>	497,000	250,000	247,000	2,114,000	2,100,000	14,000
			2817	Frankston Memorial Park Toilet Upgrade	485,000	250,000	235,000	-	-	-
			3289	ReM Functionality - Kapish Locations Management Tool	12,000	-	12,000	14,000	-	14,000
			3169	Renewal/upgrade of Arbour Walk , including DDA pedestrian gate access	-	-	-	100,000	100,000	-
			3214	Frankston Memorial Park	-	-	-	-	-	-
				Frankston Yacht Club Commercial Kitchen Fitout	-	-	-	2,000,000	2,000,000	-
Customer and business solutions					300,000	-	300,000	260,000	-	260,000
				<i>Discretionary</i>	300,000	-	300,000	260,000	-	260,000
			3135	Future Ready Frankston Implementation	300,000	-	300,000	186,000	-	186,000
			3136	Smart Cities Implementation	-	-	-	46,000	-	46,000
			3210	Transparency Hub Implementation	-	-	-	28,000	-	28,000
Sustainable Environment					12,348,000	9,791,000	2,557,000	11,202,000	5,475,000	5,727,000
Biodiversity and Open Space					7,878,000	6,626,000	1,252,000	6,936,000	4,175,000	2,761,000
				<i>Non-Discretionary</i>	2,721,000	1,654,000	1,067,000	2,566,000	705,000	1,861,000
			2563	Public Toilet Renewal Program	25,000	-	25,000	50,000	-	50,000
			2591	Risk Management Works within Council Reserves	54,000	-	54,000	51,000	-	51,000
			2592	Frankston Play Strategy Implementation	635,000	190,000	445,000	2,000,000	650,000	1,350,000
			2593	Minor Open Space Asset Renewal Program	50,000	50,000	-	51,000	-	51,000
			2594	Reserves Boundary Fencing Renewal Program	108,000	-	108,000	103,000	-	103,000
			2596	Reserves Internal Fencing Renewal Program	50,000	-	50,000	150,000	-	150,000
			2598	Foreshore & Wetlands Erosion Control Fence Renewal Program	104,000	54,000	50,000	100,000	55,000	45,000
			2905	BBQ Renewal Program	-	-	-	26,000	-	26,000
			3415	Whistlstop Reserve Upgrade	100,000	100,000	-	-	-	-
			3357	Landscaping and Feature Garden Works Program	200,000	200,000	-	-	-	-
			3398	Willow Park, Frankston - Frankston Play Strategy Implementation	350,000	225,000	125,000	-	-	-
			3399	Rosemary Reserve Frankston Nth - Frankston Play Strategy Implementation	420,000	420,000	-	-	-	-
			3400	Yarralumla Reserve , Langwarrin - Frankston Play Strategy Implementation	140,000	100,000	40,000	-	-	-
			3401	East Seaford Resrve, Seaford - Frankston Play Strategy Implementation	35,000	-	35,000	-	-	-
			3402	Lavendar Hill Multiuse Court, Carrum Downs - Frankston Play Strategy Implementation	30,000	30,000	-	-	-	-
			3403	Kareela Reserve, Frankston - Frankston Play Strategy Implementation	35,000	-	35,000	-	-	-
			3404	Austin Reserve, Seaford - Frankston Play Strategy Implementation	35,000	-	35,000	-	-	-
			3405	Heyzen Reserve, Skye - Frankston Play Strategy Implementation	35,000	35,000	-	-	-	-
			3406	Monique Reserve, Langwarrin - Frankston Play Strategy Implementation	35,000	-	35,000	-	-	-
			3410	Pratt Reserve (Multiuse Court Only), Langwarrin - Frankston Play Strategy Implementation	30,000	-	30,000	-	-	-
			3414	Peninsula Reserve Upgrade	250,000	250,000	-	-	-	-
			3411	Heritage Reserve (Multiuse Court Only), Skye - Frankston Play Strategy Implementation	-	-	-	35,000	-	35,000



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24

Service Group, Service, Asset Management Policy

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Service Program	Service	AM Policy	Ref Number	Project Title	2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
Discretionary					5,157,000	4,972,000	185,000	4,370,000	3,470,000	900,000
			1036	Carrum Downs Recreation Reserve Master Plan Implementation - District Level Playspace	965,000	965,000	-	-	-	-
			1288	George Pentland Botanic Gardens Master Plan Implementation	150,000	150,000	-	300,000	300,000	-
			1525	Monterey Reserve Master Plan Implementation	-	-	-	100,000	-	100,000
			1729	Ballam Park Regional Playspace Upgrade	2,050,000	2,050,000	-	-	-	-
			2048	Local Park Upgrade Program	-	-	-	350,000	350,000	-
			2256	Frankston Open Space Strategy - Oliver's Hill Landscape and Lookout Plan, Frankston South	75,000	75,000	-	50,000	50,000	-
			2963	Evelyn Park Open Space	150,000	150,000	-	-	-	-
			2976	Playspace Shade Sail Retrofit Program	85,000	-	85,000	100,000	-	100,000
			2979	Kananook Creek Environmental & Cultural Learning Park	97,000	97,000	-	-	-	-
			1421	Witternberg and Robinsons Park Master Plan Implementation	120,000	120,000	-	-	-	-
			1587	Baxter Park, Frankston South Master Plan Implementation	85,000	85,000	-	100,000	-	100,000
			1697	Sweetwater Creek Reserve - Upgrade	40,000	40,000	-	139,000	-	139,000
			1801	Wingham Park Upgrade	235,000	235,000	-	-	-	-
			3154	Frankston Gateway Landscaping - Olivers Hill and Esplanade	75,000	75,000	-	-	-	-
			3297	Seaford Wetlands Rejuvenation - Landscaping and Environmental Works	250,000	250,000	-	250,000	250,000	-
			3298	Seaford Wetlands Rejuvenation - Interpretive and Wayfinding Signage	100,000	100,000	-	540,000	540,000	-
			3299	Seaford Wetlands Rejuvenation - Facilities Upgrades	230,000	230,000	-	330,000	330,000	-
			3313	Fauna Crossings, Habitat connectivity and Wildlife Protection	30,000	-	30,000	55,000	-	55,000
			3349	Beauty Park Fountain	50,000	-	50,000	-	-	-
			3350	Rehabilitation of Natural Reserves	120,000	100,000	20,000	-	-	-
			3353	Ballam Park Lake project Art Pieces & LED Lighting	50,000	50,000	-	100,000	100,000	-
			3417	Sandfield Reserve Youth Space	100,000	100,000	-	650,000	650,000	-
			3421	Sandfield Reserve Play Space, BBQ and Picnic Areas	100,000	100,000	-	900,000	900,000	-
			1408	Robinsons Bushland Reserve - Upgrade	-	-	-	50,000	-	50,000
			1603	Open Space Strategy - Delacombe Park Reserve, Frankston South - Upgrade	-	-	-	100,000	-	100,000
			1821	Dame Elisabeth Murdoch Arboretum - New Rotunda	-	-	-	35,000	-	35,000
			3138	Open Space Connections	-	-	-	100,000	-	100,000
			3312	Minor Natural Reserve Management Plan Implementation Program	-	-	-	51,000	-	51,000
			3392	Installation of Flowers, plants, trees and raised gardens beds at Skye Road/Carramar Drive Intersection	-	-	-	70,000	-	70,000
Integrated Water					2,534,000	1,850,000	684,000	3,389,000	1,300,000	2,089,000
Non-Discretionary					550,000	-	550,000	1,772,000	-	1,772,000
			1618	Frankston South Drainage Strategy - 15 Kars Street, Frankston Drainage Upgrade	-	-	-	150,000	-	150,000
			2550	Drainage Renewal & Upgrade Program	400,000	-	400,000	250,000	-	250,000
			2553	Gatic Pit Lid Renewal Program	80,000	-	80,000	130,000	-	130,000
			2554	Drainage Renewal Works in Council Reserves	70,000	-	70,000	92,000	-	92,000
			2750	Frankston South Drainage Strategy - Drainage Upgrade - Warringa Rd catchment Stage 2	-	-	-	1,000,000	-	1,000,000
			2552	Easement Drainage Pit Alterations	-	-	-	150,000	-	150,000
Discretionary					1,984,000	1,850,000	134,000	1,617,000	1,300,000	317,000
			2050	Minor Drainage Improvement Works	50,000	-	50,000	46,000	-	46,000
			2757	Flood and Catchment Modelling	54,000	-	54,000	200,000	-	200,000
			2828	Water Sensitive Urban Design (WSUD) Implementation Program	-	-	-	21,000	-	21,000
			3212	Seaford Wetlands Improvements	1,500,000	1,500,000	-	-	-	-



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24

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					79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
					2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
			3196	Baxter Park Dam Safety Improvements	150,000	150,000	-	250,000	250,000	-
			3219	Ballam Park Storm Water Treatment & Park Improvements	200,000	200,000	-	1,050,000	1,050,000	-
			3346	Ballam Park North Oval and the McClelland College Ovals - Drainage Improvements	30,000	-	30,000	-	-	-
			2946	Recycled Water Scheme Projects	-	-	-	50,000	-	50,000
				Waste and Recycling	1,034,000	875,000	159,000	392,000	-	392,000
				<i>Non-Discretionary</i>	<i>452,000</i>	<i>375,000</i>	<i>77,000</i>	<i>126,000</i>	<i>-</i>	<i>126,000</i>
			2589	Litter Bin Replacement Program	27,000	-	27,000	26,000	-	26,000
			2627	Frankston Tip Risk Management Strategy Implementation	50,000	-	50,000	-	-	-
			3159	Kerbside Residual Bin Lid Replacement	375,000	375,000	-	-	-	-
			3158	FRRRC Main shed Pit floor replacement	-	-	-	100,000	-	100,000
				<i>Discretionary</i>	<i>582,000</i>	<i>500,000</i>	<i>82,000</i>	<i>266,000</i>	<i>-</i>	<i>266,000</i>
			3164	Waste on-line collection platform	20,000	-	20,000	-	-	-
			3166	IT Link between Solo waste tracking and FCC	52,000	-	52,000	-	-	-
			3167	Frankston Regional and Resource Recovery Centre Entry Upgrade (exit lane to Harold Road)	500,000	500,000	-	-	-	-
			3288	Renewal/upgrade - removal of concrete storage bay	10,000	-	10,000	-	-	-
			3161	FRRRC Repair/resale drop off shop	-	-	-	66,000	-	66,000
			3165	Closed Landfill Leachate Extraction System	-	-	-	200,000	-	200,000
				Climate Change Action	902,000	440,000	462,000	485,000	-	485,000
				<i>Non-Discretionary</i>	<i>430,000</i>	<i>300,000</i>	<i>130,000</i>	<i>349,000</i>	<i>-</i>	<i>349,000</i>
			2684	Street Light Renewal Program on Minor Roads	400,000	300,000	100,000	300,000	-	300,000
			3134	Solar PV Renewal Program	30,000	-	30,000	28,000	-	28,000
			2669	Operations Centre - Disable Package Airconditioning Unit and replace with energy efficient split systems	-	-	-	21,000	-	21,000
				<i>Discretionary</i>	<i>472,000</i>	<i>140,000</i>	<i>332,000</i>	<i>136,000</i>	<i>-</i>	<i>136,000</i>
			1403	Peninsula Aquatic Recreation Centre Solar PV Installation	215,000	140,000	75,000	-	-	-
			2081	Council Facilities Solar PV and Electrification Program	100,000	-	100,000	-	-	-
			2829	Facility Energy Efficiency Upgrades	122,000	-	122,000	46,000	-	46,000
			2955	Occupancy sensors for heating and cooling units	35,000	-	35,000	-	-	-
			2678	Frankston Civic Centre (internal lighting) - T8 lamp upgrades to LEDs	-	-	-	90,000	-	90,000
				Transport	11,400,000	5,032,000	6,368,000	31,852,000	23,580,000	8,272,000
				Parking	1,700,000	1,700,000	-	20,200,000	20,100,000	100,000
				<i>Discretionary</i>	<i>1,700,000</i>	<i>1,700,000</i>	<i>-</i>	<i>20,200,000</i>	<i>20,100,000</i>	<i>100,000</i>
			3240	Kananook Commuter Car Park	1,700,000	1,700,000	-	20,100,000	20,100,000	-
			1193	Carpark optimisation Program for Frankston CAA	-	-	-	100,000	-	100,000



FRANKSTON CITY COUNCIL
LONG TERM INFRASTRUCTURE PLAN - 2 Years - 2022/23 to 2023/24

Service Group, Service, Asset Management Policy

Service Program	Service	AM Policy	Ref Number	Project Title	Year 1			Year 2		
					79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000
					2022/23 Total	2022/23 Income	2022/23 Rates	2023/24 Total	2023/24 Income	2023/24 Rates
Transport Connectivity					9,700,000	3,332,000	6,368,000	11,652,000	3,480,000	8,172,000
<i>Non-Discretionary</i>					5,740,000	614,000	5,126,000	7,215,000	348,000	6,867,000
			2044	Street Lighting Upgrades	30,000	-	30,000	28,000	-	28,000
			2063	Minor Pathway Program	20,000	-	20,000	51,000	-	51,000
			2546	Minor Bridge & Path Structures Renewal Program	-	-	-	80,000	-	80,000
			2547	Major Bridge Renewal Program	-	-	-	100,000	-	100,000
			2565	Shared Path Safety Upgrades	54,000	-	54,000	51,000	-	51,000
			2566	Footpath Renewal Program	1,100,000	-	1,100,000	1,160,000	-	1,160,000
			2567	Reserves Pathway Renewal Program	50,000	50,000	-	200,000	-	200,000
			2568	Shared Path Renewal Program	170,000	-	170,000	200,000	-	200,000
			2570	City Centre Pathway Renewal Program	50,000	-	50,000	103,000	-	103,000
			2571	Kerb Renewal Program	200,000	-	200,000	250,000	-	250,000
			2612	Traffic Management Devices - Renewal Program	35,000	-	35,000	51,000	-	51,000
			2614	Street Lighting Renewal Program	-	-	-	31,000	-	31,000
			2615	Barrier & Guard Rail Renewal Program	-	-	-	100,000	-	100,000
			2617	Road Renewal Program	3,041,000	244,000	2,797,000	3,431,000	-	3,431,000
			3208	Minor Asphalt Patching Renewal Program	100,000	-	100,000	200,000	-	200,000
			3215	Pathway Development Plan Implementation Program	388,000	-	388,000	479,000	48,000	431,000
			3345	Seaford Wetlands Unformed Interface to Pen Link Trail	70,000	-	70,000	-	-	-
			3387	Beach Street - McMahons Road intersection upgrade	320,000	320,000	-	-	-	-
			3390	North Road (North Side) Warrenwood place Pathway Development	40,000	-	40,000	-	-	-
			3391	North Road (North Side) Union Road to 13/261 North Road Pathway Development	72,000	-	72,000	-	-	-
			1679	Shared Use Pathway on Robinsons Road - Penlink Trail To Baxter Trail	-	-	-	100,000	-	100,000
			3234	Porphyry paving renewal Wells Street and Beach Street	-	-	-	600,000	300,000	300,000
<i>Discretionary</i>					3,960,000	2,718,000	1,242,000	4,437,000	3,132,000	1,305,000
			1807	Barretts Road (Robinsons Road to 120 Barretts Road) - Construction	2,050,000	1,488,000	562,000	-	-	-
			2005	Minor Traffic Treatment Installation	60,000	-	60,000	103,000	-	103,000
			2038	Kerb and Channel Construction Program	-	-	-	30,000	-	30,000
			2298	Seaford Local Area Traffic Management	800,000	790,000	10,000	556,000	-	556,000
			2710	McCormicks Precinct Local Area Traffic Management	320,000	-	320,000	350,000	-	350,000
			3202	Jubilee Park Traffic Management Strategy	25,000	-	25,000	75,000	-	75,000
			1694	Upgrade Roadway at Stotts Lane	120,000	-	120,000	-	-	-
			2713	Belvedere Local Area Traffic Management	100,000	-	100,000	744,000	744,000	-
			3194	LXP Community Asset Improvements	440,000	440,000	-	2,277,000	2,277,000	-
			3295	Construction of Traffic Islands and Pedestrian Refuge - McCormicks Road & Gamble Road Intersection, Skye	15,000	-	15,000	74,000	-	74,000
			3348	Shared User Path Missing Link (Plowman Place to Clarendon Street)	30,000	-	30,000	-	-	-
			1397	Narambi Crescent - LATM	-	-	-	26,000	-	26,000
			1972	Pathway Warrandyte Road from Bevnol Road to Robinsons Road	-	-	-	15,000	-	15,000
			2717	Local Area Traffic Management in Freeway Precinct	-	-	-	30,000	-	30,000
			2990	Black Spot Program	-	-	-	111,000	111,000	-
			3004	Humphries Rd Mountain Ave roundabout upgrade	-	-	-	25,000	-	25,000
			3294	Construction of Traffic Islands and Pedestrian Refuge - Skye Road & Onkara Street Intersection, Frankston	-	-	-	21,000	-	21,000
Totals					79,490,000	50,034,000	29,456,000	78,705,000	46,908,000	31,797,000



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Consideration of Reports of Officers

DRAFT COMMUNITY NEEDS ASSESSMENT AND COMMUNITY INFRASTRUCTURE PLAN

Main Report

Meeting Date: 12 December 2022

Attachment: A





Planning today for the communities of tomorrow

Frankston City Council

Community Infrastructure Plan

Main Report

November 2022

Prepared by ASR Research Pty Ltd
for Frankston City Council

Frankston City Council Community Infrastructure Plan – Main Report

Acknowledgement of Country

Frankston City Council acknowledges the Bunurong people of the Kulin Nation as the Traditional Custodians of the lands and waters in and around Frankston City, and value and recognise local Aboriginal and Torres Strait Islander cultures, heritage and connection to land as a proud part of a shared identity for Frankston City. Council pays respect to Elders past and present and recognises their importance in maintaining knowledge, traditions and culture in our community.

Council also respectfully acknowledges the Bunurong Land Council as the Registered Aboriginal Party responsible for managing the Aboriginal cultural heritage of the land and waters where Frankston City Council is situated.

Frankston City Council Community Infrastructure Plan – Main Report

Table of Contents

1	INTRODUCTION	4
1.1	BACKGROUND.....	4
1.2	KEY CHALLENGES.....	4
1.3	DEFINING COMMUNITY INFRASTRUCTURE	5
1.4	OBJECTIVES	5
1.5	PROJECT SCOPE	6
1.6	METHODOLOGY.....	7
1.7	HOW THE COMMUNITY INFRASTRUCTURE PLAN WILL BE USED	7
2.	ADOPTED COMMUNITY INFRASTRUCTURE DEMAND ESTIMATORS AND PROVISION BENCHMARKS	9
3.	COMMUNITY INFRASTRUCTURE PROVISION LEVELS IN FRANKSTON CITY COUNCIL COMPARED TO METROPOLITAN MELBOURNE.....	9
4.	PROJECTED COMMUNITY INFRASTRUCTURE PROVISION REQUIREMENTS BY 2041 FOR FRANKSTON CITY COUNCIL.....	10
5.	SUMMARY OF MAIN FINDINGS.....	11
5.1	RESPONDING TO INCREASING POPULATION DENSITIES	11
5.2	LOCAL AREA COMMUNITY INFRASTRUCTURE PROVISION LEVELS	11
5.3	EXISTING AND FUTURE STRATEGIC WORK.....	12
5.4	ACHIEVING CONTEMPORARY FACILITY STANDARDS.....	12
5.5	RESPONDING TO GOVERNMENT POLICY AND INDUSTRY TRENDS	13
5.6	TRANSITIONING TO INTEGRATED EARLY YEARS FACILITIES AND MULTIPURPOSE COMMUNITY FACILITIES	15
5.7	STRENGTHENING COMMUNITY INFRASTRUCTURE PROVISION IN ACTIVITY CENTRES	15
5.8	ENSURING THE EQUITABLE DISTRIBUTION OF COMMUNITY INFRASTRUCTURE	16
5.9	IDENTIFYING COMMUNITY INFRASTRUCTURE OPPORTUNITIES WITH EXTERNAL AGENCIES	17
5.10	EDUCATION FACILITIES PROVIDING JOINT SCHOOL/COMMUNITY INFRASTRUCTURE	17
5.11	ADVOCACY PRIORITIES	18
5.12	EXTERNAL FUNDING SOURCES.....	18
6.	FRANKSTON COMMUNITY INFRASTRUCTURE PLAN ACTIONS.....	19
6.1	STRUCTURE OF THE FRANKSTON COMMUNITY INFRASTRUCTURE PLAN ACTIONS	19
6.2	MUNICIPAL WIDE COMMUNITY INFRASTRUCTURE PLAN PRIORITY ACTIONS.....	19
6.3	COORDINATED PLANNING WITH EXTERNAL AGENCIES.....	20
7.	LOCAL AREA PLANNING ASSESSMENTS & ACTION PLANS	21

Frankston City Council Community Infrastructure Plan – Main Report

1 Introduction

1.1 Background

Frankston City Council engaged ASR Research to produce a municipal-wide Community Infrastructure Plan (“Frankston CIP”). The aim of the plan is to ensure that Frankston residents have access to a range of facilities which meets their current and future needs and aspirations and deliver the best possible social, economic and environmental returns for the community and Council.

Frankston City is located in the outer southern suburbs of Melbourne, about 40 kilometres south of the Melbourne CBD. Frankston City is bounded by the Cities of Kingston and Greater Dandenong in the north, the City of Casey in the east, Mornington Peninsula Shire in the south and Port Phillip Bay in the west. Frankston City Council currently (2022) has a population of approximately 147,000 and is forecast to grow to approximately 164,000 by 2041.

Although parts of the municipality are forecast to experience population growth (e.g. Frankston Metropolitan Activity Centre, Carrum Downs, Langwarrin), Frankston City Council is classified as an established Local Government Area (LGA).

Frankston City Council is responsible for the management of a variety of property, infrastructure and plant and equipment assets valued at more than \$2.24B (as at 30 June 2019). Community infrastructure is a major feature of Council’s asset portfolio and comprises the following quantities:

- 425 public open space reserves;
- 74 sportsgrounds;
- 158 playgrounds (including play equipment located in Council facilities);
- 145 hectares of wetlands; and
- 334 buildings, including community, family and youth centres, park and leisure facilities, Civic Centre, aged service buildings, Frankston Arts Centre and libraries

1.2 Key Challenges

As identified in the Frankston City Asset Management Strategy 2020-2024, Council will continue to face considerable challenges when attempting to balance levels of services expected by the community with cost to provide infrastructure and services to remain sustainable. The key challenges faced by Council are summarised below:

Frankston City Council Community Infrastructure Plan – Main Report

- Rate capping environment under Fair Go rates system;
- Ageing infrastructure;
- Asset performance and monitoring;
- Asset data deficiencies;
- Growth and demographic change;
- Climate change; and
- Technology change.

Plan Melbourne 2017-2050, the metropolitan planning strategy that defines the future shape of Melbourne over the next 35 years, seeks to locate at least 65 per cent of new housing in established areas of Melbourne and no more than 35 per cent in growth areas. Given this overarching planning objective, the need to identify opportunities to make better use of existing infrastructure when in established areas is recognised as critical to ensuring the liveability of local communities¹. These opportunities include:

- upgrading existing infrastructure to encourage sharing and more intensive use;
- co-locating services or providing new social and open space infrastructure in community hubs;
- making better use of existing social infrastructure and open space; and
- new approaches to school planning and delivery.

1.3 Defining Community Infrastructure

Community infrastructure includes both public and privately provided facilities and services, including Council and non-Council facilities, required to accommodate and support community services, programs, activities, and a person's access to them.

While this definition is deliberately broad, it is important to recognise that budgetary, time and other constraints will often mean that it is not possible to assess all forms of community infrastructure as part of a single community infrastructure planning process.

1.4 Objectives

The purpose of this work is to provide an evidence based assessment to inform the integrated planning of Council community infrastructure, services and open space to meet current and future needs. This will project will:

- Undertake an assessment of current and anticipated total population to understand needs and demand for community infrastructure based on population benchmarks for service provision;

¹ Source: Infrastructure Victoria, *Growing together: The case for better integration of land use and infrastructure planning in established areas*, December 2020.

Frankston City Council Community Infrastructure Plan – Main Report

- Undertake an audit of current community infrastructure across the municipality (review past work);
- Develop a robust methodology, including benchmarks for service provision based on current and future demands for all specified community infrastructure;
- Identify land and spatial requirements for provision of identified future community infrastructure and assess current and future land opportunities and deficiencies;
- Identify requirements for augmentation of existing infrastructure and potential for provision for additional community infrastructure and land acquisition; and
- Develop an infrastructure plan, including broad indicative timing to support long term capital works planning and potential preparation of development contribution plan/s where relevant.

1.5 Project Scope

The community infrastructure covered in this Plan is owned, operated and managed by a diverse range of Government and Non-Government agencies and the private sector. These services and facilities are summarised below. Those showing with an asterisk (*) indicate the community infrastructure where Local Government has the greatest level of responsibility in terms of provision.

Community Infrastructure Type	Main Providers
Maternal & Child Health*	Mainly Local Government with some provision by non-government organisations (e.g. community health services)
Kindergarten*	Mainly Local Government with some provision by non-government organisations and private providers (largely funded Kindergarten within Long Day Child Care centres)
Long Day & Occasional Child Care	Mainly private providers with some provision by Local Government, non-government agencies and education providers.
Youth Services*	Mainly Local Government with some provision by non-government organisations.
Indoor and Outdoor Recreational Facilities*	Mainly Local Government with some provision by the private sector (particularly indoor recreation facilities) and education providers.
Passive open space*	Mainly Local Government and State Government (largely in the form of larger regional parks).
Community Centres, Neighbourhood Houses, Halls*	Mainly Local Government
Libraries*	Mainly Local Government
Arts & Cultural Facilities*	Mainly Local Government, non-government agencies and private providers
Primary Schools	State Government, Catholic Education Melbourne and other independent (private) providers.
Secondary Schools	State Government, Catholic Education Melbourne and other independent (private) providers.
Tertiary Education Facilities	Mainly Federal / State Government supported provision and private providers.
Health Services	Mixture of private and public (State and Federal funding sources) providers

Frankston City Council Community Infrastructure Plan – Main Report

Community Infrastructure Type	Main Providers
Justice and emergency services (law courts, police, ambulance, fire services and State emergency services)	Mainly State Government
Aged Care Provision	Mainly private providers with some provision by non-government agencies and other service providers (e.g. hospitals)

1.6 Methodology

The following methodology was used to inform the preparation of the Frankston CIP.

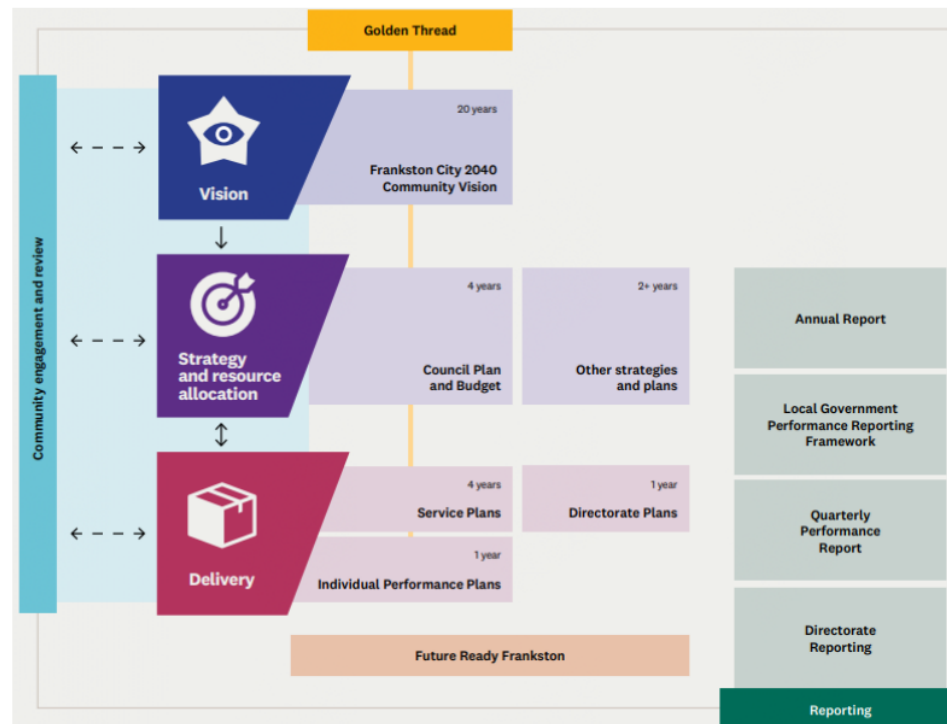
- Reviewing existing Council and external agency strategic documents relevant to future community infrastructure outcomes in Frankston City Council.
- Assessing the implications of existing and future demographic characteristics for each planning area.
- Quantifying and benchmarking provision levels and projected community infrastructure demand.
- Mapping the distribution of existing community infrastructure – are they equitably located to be accessible to the majority of residents (and meet the needs of the 20 minute neighbourhood).
- Undertaking an extensive series of consultation workshops with Council staff.
- Confirming / assessing utilisation data for existing facilities.
- Condition and capacity of existing facilities to meet current and future needs.
- Determining whether existing and planned community infrastructure can meet future community demand (based on population forecasts).
- Determining whether there is a need to reconfigure, redevelop, relocate, reuse and or rationalise community infrastructure.
- Identifying major community infrastructure priorities across Frankston City Council.

1.7 How the Community Infrastructure Plan will be Used

Council's Strategic planning principles seek an integrated approach to planning, monitoring and performance reporting. How this is achieved is illustrated by Council's Integrated Planning and Reporting Framework as shown in Figure 1 on the following page. This Framework connects the long term community needs and aspirations through the Frankston City Community Vision 2040 which has been considered in the development of Council's medium-long term strategy and resource plans including the Council Plan and Budget and the Long Term Infrastructure Plan. These strategies and plans are delivered through Directorate Plans, Service Plans and Individual Performance Plans.

Frankston City Council Community Infrastructure Plan – Main Report

Figure 1 – Frankston City Council Integrated Planning and Reporting Framework



It is anticipated that the Community Infrastructure Plan will be used:

- To inform the development of Frankston City Council's Long Term Infrastructure Plan (LTIP);
- As a key reference document for the preparation of future Council strategies, policies, plans and feasibility studies;
- To provide Council with guidance on priority community infrastructure advocacy projects which are funded and delivered by external agencies; and
- To provide guidance on establishing partnerships and collaborative planning structures with external agencies.

Frankston City Council Community Infrastructure Plan – Main Report

2. Adopted Community infrastructure Demand Estimators and Provision Benchmarks

A large and diverse number of demand estimators and provision benchmarks were used to assess future community infrastructure demand and supply requirements across Frankston City municipality and the seven Local Areas between 2022 and 2041. These key measures and their source are summarised in Appendix 1. The use of demand measures in particular provides a more nuanced means of determining infrastructure need. The measures cover many of the key service and community facility form that underpin liveable neighbourhoods, including those owned and / or managed by Council. Services and facilities presented in Appendix 1 include passive and active (i.e. outdoor sports facilities) open space, indoor recreation centres, early years services (e.g. kindergartens, maternal & child health and long day child care), community centres, libraries, neighbourhood houses, education, health, aged care and arts and cultural activities.

3. Community infrastructure Provision Levels in Frankston City Municipality Compared to Metropolitan Melbourne

In April 2015 the now Victorian Planning Authority (then the Metropolitan Planning Authority) released the *Melbourne Metropolitan Community Infrastructure Assessment: Local and Subregional Rates of Provision* (MMCIA) as the basis for comparing community infrastructure provision levels across Metropolitan Melbourne. Although somewhat old, it remains a useful means of understanding how Frankston City Council compares to other parts of Melbourne.

The report provides a detailed overview of the relative provision of Melbourne's community infrastructure and is intended to support a coordinated subregional approach to community infrastructure provision, at both a local and regional scale. It forms an important evidence base and planning tool to assist councils, the Victorian Planning Authority (VPA), State Government and the private sector to understand and plan for future community need in growing areas of Melbourne. Table 1 on the following page provides a summary of the key strengths and weaknesses of community infrastructure provision levels in Frankston City municipality compared to Metropolitan Melbourne.

Frankston City Council Community Infrastructure Plan – Main Report

Table 1 – Comparison of Frankston City Municipality and Metropolitan Melbourne Community Infrastructure Levels

Strengths	Weaknesses
<i>Frankston City Council's Major Community Infrastructure Strengths Compared to Greater Melbourne (2015)</i>	<i>Frankston City Council's Major Community Infrastructure Weaknesses Compared to Greater Melbourne (2015)</i>
Outdoor sports fields	Indoor recreation / sports venues
Funded kindergarten in non-long day care facilities	Aquatic facilities
Government primary schools	Kindergarten facilities
Government secondary schools	Long day child care places
GP clinics	Occasional child care places
Allied health sites	Libraries
% of pop. residing within 20 minutes (by car) of a university	Community centres
% of pop. residing within 20 minutes (by car) of a TAFE	Arts and cultural facilities
	Non-government primary schools
	Non-government secondary schools
	Licensed general practitioners
	Specialist medical sites
	Dentists
	Community health service sites
	Residential aged care places

4. Projected Community Infrastructure Provision Requirements by 2041 for Frankston City Municipality

Appendix 2 summarises the likely projected community infrastructure needs for Frankston City Council by 2041. The community infrastructure items shown below are not exhaustive of the full list of services and facilities covered by the Frankston CIP due to the difficulty of applying agreed or actual provision benchmarks and / or determining an appropriate means of estimating future demand for some of these services and facilities.

It is also important to note that the surplus / deficit provision estimates indicated should not be interpreted as final provision recommendations for Frankston City Council and nor each Local Planning Area. These quantitative estimates represent only one consideration in the planning process. Other considerations such as the quality and size of existing community infrastructure, the capacity to do more with these facilities, the priorities identified in previous strategic work and the distribution of community infrastructure including those in neighbouring municipalities are also important.

Frankston City Council Community Infrastructure Plan – Main Report

From an overall supply perspective, the municipality is well placed to meet future recreation and open space needs. However, the focus on improving the quality, capacity and functioning of existing open space and recreation assets will remain a high priority. These estimates indicate a number of priority community infrastructure supply needs for the municipality including:

- More Council sessional kindergarten rooms, especially with the proposed roll-out of the 30 hours per week of funded 4 year old kindergarten;
- More multipurpose community centres;
- Additional library facilities and floorspace;
- Potentially more primary health services such as community health (subject to future engagement with the Department of Health and local health service providers); and
- More residential aged care places.

5. Summary of Main Findings

5.1 Responding to Increasing Population Densities

As noted by Infrastructure Victoria, residents are supportive of increasing population density in established suburbs so long as infrastructure and land use settings maintain the amenity and liveability of the area. The organisation argues that specific opportunities exist to make better use of existing infrastructure when developing in established areas including:

- upgrading existing infrastructure to encourage sharing and more intensive use;
- co-locating services or providing new social and open space infrastructure in community hubs;
- making better use of existing social infrastructure and open space; and
- new approaches to school planning and delivery.

5.2 Local Area Community Infrastructure Provision Levels

Within Frankston City municipality there are clear levels of difference in community infrastructure provision levels. Based on an audit of 25 diverse community infrastructure items assessed as part of the preparation of the Frankston City CIP, the Carrum Downs – Skye – Sandhurst Planning Area (22 items under municipal provision levels), the Frankston South Planning Area (19 items under municipal provision levels) and the Langwarrin-Langwarrin South Planning Area (16 items under municipal provision levels) are the least well provided for locations. Conversely, the Frankston Central – Frankston Heights Planning (11 items under municipal provision levels) and Frankston North (12 items under municipal provision levels) are the most well provided for locations.

Frankston City Council Community Infrastructure Plan – Main Report

5.3 Existing and Future Strategic Work

Although Frankston City Council has prepared strategies for a variety of community infrastructure areas it has responsibility for, the open space and recreation portfolios are in a stronger position to advance their capital infrastructure needs. Further strategic work is required to articulate facility standards, models of provision, community infrastructure hierarchies for various forms of community infrastructure including early years and youth, community centres and meeting spaces, libraries, arts and culture and older persons and people with disabilities.

Although provision guidelines are documented within some of Council's existing key strategic documents (e.g. open space and recreation) many other community facility forms have yet to identify preferred provision guidelines. Building on the findings and recommendations contained within the Frankston CIP, it is recommended that Council prepare the following documents.:

- Frankston City Council Community Infrastructure Planning Policy; and
- Frankston City Council Community Infrastructure Planning Guidelines.

Where applicable, future service specific strategies are encouraged to adopt a framework similar to the Frankston CIP and present infrastructure recommendations by Council's seven Local Areas.

5.4 Achieving Contemporary Facility Standards

It is important to distinguish between the quantity of community infrastructure that may or may not be present in local communities from the quality of those facilities. Having a facility present in a given community does not necessarily suggest the quality of that facility is satisfactory or meets contemporary facility standards. This can be illustrated using the example of libraries, early years facilities and sporting pavilions.

Libraries

Although Frankston City Council has three existing libraries, two of these (Seaford and Carrum Downs) have relatively small floor areas which limit their capacity to offer a diverse range of functions and activities. Libraries are no longer a place just for borrowing books. They are places where the community can access e-resources, wifi, computers, meeting rooms, art spaces, and diverse child, youth, and adult programs. Public libraries are vibrant community hubs that provide all Victorians universal access to information. They offer a safe space for social interaction, digital connection, lifelong learning, and rich cultural experiences

Frankston City Council Community Infrastructure Plan – Main Report

Early Years Facilities

Trends in the provision and design of early years facilities need to be considered when planning for the provision of new or redeveloped facilities. Examples of recent provision and design trends in Victoria are as follows:

- Local government remains the main provider of kindergarten buildings. However, over the past 20 years, schools and the private and community sectors have increased their involvement.
- Traditionally, Council owned kindergartens were built as stand-alone facilities or combined with MCH centres, as either attached or detached buildings. However, over the past two decades, Councils have largely constructed kindergartens as component elements of integrated children's services centres.
- Traditionally, MCH centres were considered to be local facilities with one consulting room attended by a single nurse. The centres were mainly stand-alone facilities or attached to kindergartens. In recent decades, MCH services in urban areas/townships have been consolidated into centres with two or more consulting rooms. These centres are located in diverse settings – community centres, children's centres, community health centres, shopfronts in retail centres etc.

Sporting Facilities

A number of peak sports bodies have developed facility standards – e.g. AFL Victoria, Cricket Victoria, Netball Victoria and Football Federation Victoria. The standards establish facility hierarchies and list the facilities that should be provided at each level of the hierarchy. The peak bodies are keen for recreation providers, like Frankston City Council, to upgrade their facilities, over time, to these standards.

5.5 Responding to Government Policy and Industry Trends

Federal and State Government policies can significantly influence community infrastructure needs and requirements in local communities. For example, the level of Federal Government funding of aged care places and long day child care expenses can significantly influence the accessibility, affordability and utilisation of these services.

Other factors such as industry trends, demographic shifts in participation and the preferred infrastructure models advocated by external groups such as peak sporting bodies, can also significantly influence Local Government infrastructure priorities.

The impact of many of these factors can be illustrated using the examples of the early years (e.g. child care, kindergarten and MCH) and recreation sectors.

Frankston City Council Community Infrastructure Plan – Main Report

Early Years Sector

In relation to early years services the following factors significantly influence local infrastructure needs and recommendations:

- **Government funding and regulation.** The Federal and Victorian Governments are the major funders of the early years services delivered by Victorian local councils. Typically, the funding is operational but capital funding is also made available, e.g., grants for the redevelopment of existing centres to provide additional capacity. The Governments, as the major funder and in many instances the regulator of the services, set the policies and rules for how the services will be delivered. From time to time, these policies and rules change. Often the changes have little or no impact on facility provision. Sometimes, particularly recently, they have significant implications for infrastructure provision - universal access, national education and care standards, changes to child staff ratios, funding of 15 hours per week of 3 year old kindergarten and, most recently, the announcement by the Victorian Government to increase funded 4 year old kindergarten from 15 hours to 30 hours per week commencing in 2025.

Recreation Sector

In relation to roles played by Local Government in the recreation sector (provision of active open space, sporting pavilions and indoor recreation centres) the following factors significantly influence local infrastructure needs and recommendations:

- **Legislative environment.** New or redeveloped pavilions must comply with the relevant provisions of the Building Code of Australia (BCA), Disability Discrimination Act (DDA), Food Act and Australian Standards. The BCA and DDA outline the construction and access requirements that apply when existing pavilions are being extensively renovated/extended or a new pavilion is being constructed. The BCA and DDA make reference to a number of Australian Standards that have relevance to the construction and fit out of pavilions. The Food Act specifies facility requirements for food preparation areas. The kiosk/kitchen areas in the pavilions should comply, where relevant, with these requirements.
- **Pavilions as community buildings.** Traditionally, sports pavilions were solely used for sporting purposes. Typically, this use was on weekends during the day and weekdays during the early evenings. The pavilions would be idle at other times. In recent times, sports pavilions are being viewed more as multi-use community buildings. Therefore, the potential for community use needs to be considered in any proposed pavilion redevelopment project.
- **School use of sporting reserves.** Schools often use Council's sporting reserves for their physical education activities. In most cases, the schools do not require use of the changerooms but they would

Frankston City Council Community Infrastructure Plan – Main Report

like access to public toilets and an undercover area where they can gather out of the rain and sun. The basic needs of schools should be considered in the design of any redeveloped or new pavilion.

- **Growth in women's sport.** Increasing participation by women in the traditional male sports of soccer, Australian Rules football and cricket is increasing – both as players and umpires. This trend and Council's actions have pavilion implications for pavilion design in that they create the need for changerooms and amenities that are suitable for female players and umpires.
- **Future and current role of the individual sports reserves and pavilion.** Sports pavilions are provided to cater for the facility needs of user clubs and supporters. The specific needs of user clubs vary by sport, i.e., a soccer club's facility needs will be different to a cricket club's which will be different to a netball club's, football club's etc.
- **Standard of competition played at reserves.** Typically, pavilion requirements get more complex as the standard of competition played at the reserve serviced by the pavilion gets higher.

5.6 Transitioning to Integrated Early Years Facilities and Multipurpose Community Facilities

As a largely established LGA, Frankston City Council contains many older facilities which are single use (e.g. single room kindergartens, stand-alone MCH centres, halls etc.). Contemporary planning of community facilities is very much focused on the development of multipurpose community centres and locating such facilities in community hubs (i.e. diverse services and facilities that are generally co-located). Transitioning 'legacy' stand-alone facilities to multipurpose hubs will remain a key focus of future community infrastructure initiatives in Frankston City over the next 20 years and includes the development of integrated early years facilities.

5.7 Strengthening Community Infrastructure Provision in Activity Centres

Metropolitan Melbourne has a network of activity centres. This network is defined within Plan Melbourne and is classified into three main types: Metropolitan Activity Centres, Major Activity Centres and Neighbourhood Activity Centres.

Government policy seeks to increase the concentration of activities, including community infrastructure, within the network of activity centres, both existing and planned.

Although detailed structure planning for the Frankston Metropolitan Activity Centre has been previously undertaken and will be the subject of a review in the near future, Council is encouraged to prepare a municipal wide activity centres strategy which would include assessing community infrastructure needs and opportunities.

Frankston City Council Community Infrastructure Plan – Main Report

Frankston Metropolitan Activity Centre

As a designated Metropolitan Activity Centre, Frankston is emerging as one of Melbourne’s most important commercial precincts. To ensure that the centre develops to its full potential over the next 20 years, Council is preparing a new Frankston Metropolitan Activity Centre (FMAC) Structure Plan that will supersede the existing 2015 version. Building on the findings of the Frankston CIP, an FMAC specific community infrastructure assessment will be required to fully determine how some of the priorities identified in the CIP will be implemented and what they will cost.

5.8 Ensuring the Equitable Distribution of Community Infrastructure

Plan Melbourne 2017-2050 has a strong focus on creating a more compact, sustainable city. Principle 5 which refers to “Living locally—20-minute neighbourhoods”. This principle is focused on creating accessible, safe and attractive local areas where people can access most of their everyday needs within a 20-minute walk, cycle or local public transport trip. The principle aims to make Melbourne healthier and more inclusive. Due to the specialised and diverse nature of work, many people will still need to travel outside of this 20-minute neighbourhood for their jobs. A 20-minute walk equates to approximately 1.5 kilometres.

The recently updated Precinct Structure Planning Guidelines (Precinct Structure Planning Guidelines: New Communities in Victoria, October 2021, Victorian Planning Authority) establishes targets in relation to how close residential dwellings should be to open space, education and community facilities. These targets include:

- A sports reserve or open space larger than 1 hectare within an 800m safe walkable distance of each dwelling;
- A local park within a 400 metre safe walkable distance of each dwelling;
- 70% of dwellings located within 800 metre of a government primary school;
- 100% of dwellings located within 3,200 metre of a government secondary school;
- 80% of dwellings located within 800 metre of a community facility; and
- 80% of dwellings located within 800 metre of a health facility.

Part 3 of the Frankston CIP (Community Infrastructure Distribution Maps) contains spatial analysis of many of the community infrastructure items covered by the Plan using some of the targets identified above. Overall, most locations in Frankston City Council perform very satisfactorily against the accessibility targets identified by the Precinct Structure Planning Guidelines. However, there remain some of pockets of the municipality that perform less well for some forms of community infrastructure such as Skye, Sandhurst, the northern and southern ends of Langwarrin.

Frankston City Council Community Infrastructure Plan – Main Report

5.9 Identifying Community Infrastructure Opportunities with External Agencies

The Frankston CIP reviewed the strategic plans of many non-Council agencies and organisations. Where deemed relevant, the directions and recommendations have been noted in the Frankston CIP. An extensive list of priority Government and non-Government agencies have been identified for future engagement activities. These include:

- Peninsula Health;
- Monash University;
- Chisholm Institute;
- Department of Education & Training (DET);
- Melbourne Archdiocese Catholic Schools (MACS);
- Victoria Police;
- Fire Rescue Victoria (FRV) and the Country Fire Authority (CFA);
- Department of Environment, Land, Water and Planning (DELWP);
- Department of Health (DH) and the Victorian Health Building Authority (VHBA);
- Department of Families, Fairness and Housing;
- Emergency Services Infrastructure Authority (ESIA);
- Sport & Recreation Victoria (SRV); and
- Local schools.

5.10 Education Facilities Providing Joint School/Community Infrastructure

As with most Local Government areas, local schools and higher order education institutions in Frankston City Council provide invaluable community infrastructure that is made available to both students (within school hours) and the general community (typically outside of school hours). Notable examples of such shared assets in Frankston City Council include:

- The Langwarrin Performing Arts Centre (Elisabeth Murdoch College and Langwarrin Primary School);
- George Jenkins Theatre (Monash University Peninsula Campus); and
- Carrum Downs Secondary College Sports Centre (Carrum Downs Secondary College).

Education facilities, in particular government education facilities, will remain a significant focus for exploring future community infrastructure opportunities in Frankston City Council. However, there remains a need to comprehensively audit the current extent of community infrastructure uses provided by local schools and to assess the level of interest (and physical capacity – e.g. sufficient land area) local schools may have toward accommodating future school/community infrastructure items such as kindergartens and sporting facilities.

Frankston City Council Community Infrastructure Plan – Main Report

The Department of Education and Training has several policies which support and provide guidance on the use of schools as community facilities (e.g. *Kindergarten on and Next Door to School Sites* and *Community Use of Schools – Hiring, Licensing and Community Joint Use Agreements*).

5.11 Advocacy Priorities

The Frankston CIP identifies both Council and non-Council community infrastructure priorities which may form the basis of future Council advocacy campaigns. This is particularly important for the development of future Council facilities which Council may not be able to fully fund.

Council should also monitor and advocate for priorities identified by external agencies, either located or not located in the municipality, including those within or close to the Frankston Metropolitan Activity Centre, which require State and Federal Government funding to implement their respective strategies.

5.12 External Funding Sources

LGAs are the major funder and provider of local community infrastructure. LGAs are currently experiencing significant challenges with respect to their ability to fund renewal and capital development projects. These challenges include rate capping, population growth and decline, legislative change which can make construction more costly and growing community expectations about the quality of local recreation facilities. This challenging environment increases the importance of external funding sources. Notable examples of such funding sources and programs include:

- Better Indoor Stadiums Funding Program (Sport and Recreation Victoria);
- Community Sports Infrastructure Fund (Sport and Recreation Victoria);
- Building Blocks Funding Program for Kindergarten Infrastructure (Department of Education and Training);
- Living Libraries Infrastructure Program (Department of Jobs, Precincts and Regions)
- The Creative Neighbourhood Infrastructure Support Program (Creative Victoria)
- Stronger Communities Program (Federal Department of Infrastructure and Transport, Local Federal MPs).
- Election Grants (State and Federal Governments).

In addition to these sources, State and Federal Governments may, from time to time, introduce short term funding programs aimed at improving specific component elements of a sports facility (e.g. a changerooms upgrade fund).

Frankston City Council Community Infrastructure Plan – Main Report

6. Frankston Community Infrastructure Plan Actions

6.1 Structure of the Frankston Community Infrastructure Plan Actions

Community Infrastructure Plan actions are divided into the following components:

- Municipal Wide Community Infrastructure Plan Actions.
- External Agency Community Infrastructure Plan Actions.
- Local Area Action Plans consisting of:
 - Carrum Downs – Skye - Sandhurst Community Infrastructure Plan Actions
 - Frankston Central & Frankston Heights Community Infrastructure Plan Actions
 - Frankston North Community Infrastructure Plan Actions
 - Frankston South Community Infrastructure Plan Actions
 - Karingal Community Infrastructure Plan Actions
 - Langwarrin – Langwarrin South Community Infrastructure Plan Actions
 - Seaford Community Infrastructure Plan Actions.

6.2 Municipal Wide Community Infrastructure Plan Priority Actions

Table 2 – Municipal Wide Community Infrastructure Plan Priority Actions

No.	Priorities	Short 1-3 years	Medium 4-10 years	Long 11-20 years
M1	Continue to implement all existing short-term community infrastructure priorities identified in the LTIP.			
M2	Continue to implement recommendations of existing adopted strategies: <ul style="list-style-type: none"> • Open Space Strategy • Local Park Action Plan • Play Strategy • Frankston City Council Active Leisure Strategy 2021–2029 • Tennis Action Plan • Frankston Indoor Gymnastics and Basketball Feasibility Study • Frankston City Council Municipal Early Years Plan (2021-2025) (MEYP) • Kindergarten Infrastructure and Services Plan Frankston City Council (2021) • Frankston Arts & Culture Strategic Plan 2020 – 2023 • Frankston City Council Library Action Plan 2021-2026 			
M3	Prepare a Frankston City Council Community Infrastructure Planning Policy			
M4	Prepare Frankston City Council Community Infrastructure Planning Guidelines			
M5	Prepare Frankston City Council Early Years Infrastructure Plan			
M6	Prepare a Multipurpose Community Centres Infrastructure Strategy / Plan which will include a: <ul style="list-style-type: none"> • A full review of the functionality, feasibility and redesign of all existing Council community centres; and • Identification of new community centre proposals including site options and configuration preferences. 			

Frankston City Council Community Infrastructure Plan – Main Report

No.	Priorities	Short 1-3 years	Medium 4-10 years	Long 11-20 years
M7	Ensure future community infrastructure specific strategies include infrastructure priorities and a description of preferred facility models and hierarchies.			
M8	Ensure the needs of youth, arts and culture, local community groups are better considered as part of any future redevelopment of existing community centre and new multipurpose centre proposals.			
M9	Prepare a municipal wide activity centres strategy including identifying community infrastructure needs and opportunities.			
M10	Investigate BMX / skate park opportunities across the municipality.			
M11	Undertake a Regional Hockey Needs Study.			
M12	Undertake a feasibility needs study to identify a satellite arts facility in the municipality to cater for unmet demand and relieve pressure on the Frankston Arts Centre.			
M13	Assess alternatives to expanding existing community facilities on open space reserves.			
M14	Identify priority outdoor events space(s) in each local area and assess infrastructure requirements to support these events.			
M15	Where appropriate, maximise opportunities to redevelop sporting pavilions with multipurpose community spaces which can be used by the general community and groups other than tenant sporting clubs.			
M16	Undertake a sports playing field study to confirm strategies to increase and diversify the capacity of existing sports reserves to accommodate future sports demand.			
M17	Continue to participate / advocate for Frankston to Mornington Parklands Project (connects over 1,800 hectares of existing parks and reserves from Seaford Wetlands to Mornington).			
M18	Build on the recommendations of the Frankston CIP to: 1) implement a municipal wide Development Contributions Plan as a means to secure additional capital fundings for a selection of priority projects and 2) negotiate community infrastructure trade-offs for site specific planning applications in priority locations (e.g. activity centres).			

6.3 Coordinated Planning with External Agencies

The need for coordinated planning between Council and external agencies has been identified as a high priority by the Frankston CIP. A significant proportion of community infrastructure is owned, delivered and managed by non-Council agencies including State Government Departments, major publicly funded service providers, local schools, community based not-for-profit organisations and the private sector. To ensure optimal integrated planning and provision outcomes are achieved Council will construct a register of contacts for State Government agencies and other external organisations and local service providers with a view to sharing information, monitoring needs on a regular basis and assessing potential partnership opportunities. An extensive list of priority Government and non-Government agencies have been identified for future engagement activities.

Frankston City Council Community Infrastructure Plan – Main Report

7. Local Area Planning Assessments & Action Plans

Detailed assessments of the community infrastructure needs of each of Frankston City Council's seven Local Area Planning Precincts (shown in Figure 1 below). The assessment combines the findings derived from the review of strategic documents (refer to Appendix 1 of Part A Main Report), existing community infrastructure audit (refer Part B Technical Report), community infrastructure demand and supply estimates (refer to Part B Technical Report) and the outcomes of internal consultations with Council departments (summarised in Part A Main Report).

Figure 2 – Frankston City Council Local Area Planning Precincts



Local Area Action Plans are summarised in separate attachments to this document.

Frankston City Council Community Infrastructure Plan – Main Report

Appendix 1 - Community Infrastructure Demand Estimators and Supply Provision Benchmarks

Table 3 – Community Infrastructure Demand Estimators and Supply Provision Benchmarks

Community Infrastructure Category & Item	Provision ratio / participation Rate	Description of measure	Source of measure
Open Space			
People frequently using parks	58.6%	Number of people visiting parks frequently (i.e. at least once a week)	Frankston City Council 2021 Household Survey (November 2021)
Organised Sport Facility & Participation Estimates			
Indoor and outdoor recreation facilities			
Active Open Space	1.5	Hectares per 1,000 people	Frankston City Council Open Space Strategy
Indoor recreation centres / courts	10,000	Total population per court	Typical standard used by LGAs (note: individual LGAs vary on their views about the “desired” benchmark and some have no documented working benchmark).
Council aquatic leisure centre visits per annum	5.1	Number of visits per person per annum	Victorian Department of Jobs, Precincts & Regions, Know Your Council: 2018-2019 Dataset (All Victorian LGA average)
Number of Aquatic facilities (indoor & outdoor)	80,000	Population per aquatic facility	Current actual provision ratio in Frankston City Council based on 2022 population and 2 existing aquatic facilities
Organised Sport Participation			
Participation in organisation/venue based activity: Adults (people aged 15 and over)			
		% of people aged 15 years and over participating in organised physical activity or sport at least once per year	Australian Sports Commission, AusPlay Survey (AusPlay): January 2019 - December 2019 Victoria Data (Table 11)
Fitness/Gym	32.2%	As above	As above
Swimming	9.7%	As above	As above
Golf	4.0%	As above	As above
Pilates	3.9%	As above	As above
Basketball	4.1%	As above	As above
Tennis	3.1%	As above	As above
Football/soccer	3.3%	As above	As above
Yoga	4.2%	As above	As above
Netball	3.2%	As above	As above
Australian football	3.4%	As above	As above
Athletics, track and field (includes jogging and running)	3.9%	As above	As above
Walking (Recreational)	2.9%	As above	As above
Cycling	1.4%	As above	As above
Bowls	1.4%	As above	As above
Cricket	2.2%	As above	As above

Frankston City Council Community Infrastructure Plan – Main Report

Community Infrastructure Category & Item	Provision ratio / participation Rate	Description of measure	Source of measure
Organised participation by activity - top 10 activities (children aged 0 to 14)			
Swimming	35.5%	% of children aged 0-14 participating in organised physical activity or sport at least once per year	Australian Sports Commission, AusPlay Survey (AusPlay): January 2019 - December 2019 Victoria Data (Table 10)
Australian football	16.8%	As above	As above
Basketball	13.7%	As above	As above
Cricket	6.4%	As above	As above
Dancing (recreational)	10.2%	As above	As above
Netball	5.8%	As above	As above
Football/soccer	10.1%	As above	As above
Tennis	6.4%	As above	As above
Gymnastics	11.8%	As above	As above
Karate	5.2%	As above	As above
Early Years Services			
Kindergartens			
% of 4 year olds participating in 4 year old Kindergarten	100.0%	% of all eligible children participating in 4 Year Old Subsidised Kindergarten	State Government aspirational target
Total number of enrolments in 4 year old sessional Kindergarten	55%	% of participating children (see above) enrolled at a Sessional Kindergarten service	Frankston Early Learning Profile 2020, Department of Education & Training Based
Total number of enrolments in 3 year old sessional Kindergarten	55%	% of children participating in 3 Year old Kindergarten	Frankston Early Learning Profile 2020, Department of Education & Training Based
Total 3 & 4 year old enrolments attending sessional kindergarten		Sum of estimates above for 3 and 4 year old sessional kindergarten	
Number of sessional kindergarten rooms required under current kindergarten policy environment (15 hours per week for both three and four year old kindergarten)	66	66 enrolments for three and four year old kindergarten per room (licensed for 33 places)	ASR constructed calculation
Number of sessional kindergarten rooms required under current kindergarten policy environment (15 hours per week of three year old kindergarten and 30 hours of four year old kindergarten)	66 enrolments for three year old kinder 33 enrolments for four year old kinder	66 enrolments for three year old kindergarten per room (licensed for 33 places) & 33 enrolments for four year old kindergarten per room (licensed for 33 places).	ASR constructed calculation
Maternal & Child Health			
Number of MCH Full-Time Nurses	120	1 FT nurse per 120 children 0 years	Frankston City Council working standard
Number of MCH consulting units	1	Number of MCH consulting units required per FT nurse	Based on above (1 FT = 1 consulting room)

Frankston City Council Community Infrastructure Plan – Main Report

Community Infrastructure Category & Item	Provision ratio / participation Rate	Description of measure	Source of measure
Playgroup			
Number of 2 hr playgroup sessions per week	275	Total number of children aged 0-3 years required to generate demand for a 2 hour playgroup session per week	ASR Research constructed measure using Frankston City Council playgroup data (2022)
Occasional Child Care			
Number of occasional child care places	18.1	Total number of licensed places per 1,000 children aged 0 to 4 years	Victorian Planning Authority, Melbourne Metropolitan Community Infrastructure Assessment: Local and Subregional Rates of Provision (MMCIA). A provision rate of long day child care places equal to that documented by the MMCIA report (2015) for Frankston City Council
Number of occasional child care centres	30	Total number of facilities required based on number of licensed places generated (see above)	ASR Research constructed measure based on a typical sized occasional child care facility.
Long Day Child Care Centres			
Number of Long Day Child Care places	4	Total number of children aged 0-6 years per licensed LDC place	Australian Children's Education and Care Quality Authority (ACECQA) National Register Data (Metropolitan Melbourne), June 17, 2020
Number of Long Day Child Care centres	120	Total number of facilities required based on number of licensed places generated (see above)	ASR Research constructed measure based on a typical large sized long day child care facility.
Community Centres, Meeting spaces, Neighbourhood Houses & Libraries			
Local multipurpose community centre	3,000	Number of dwellings per local facility	ASR Research constructed measure typically applied in Melbourne's outer growth areas.
Neighbourhood Houses			
Number of Neighbourhood House users per week	3%	Percentage of population using a Neighbourhood House in a given week	Neighbourhood Houses Victoria, Neighbourhood Houses Survey 2017
Number of Neighbourhood Houses	23,000	Population per Neighbourhood House	Current actual provision ratio in Frankston City Council based on 2022 population and 5 existing Neighbourhood Houses
Libraries			
Number of library loans annum	5.2	Total loans per person	Public Libraries Victoria Network, 2018-19 PLVN Annual Statistical Survey (2019), Frankston Library
Number of library visits per annum	2.5	Total visits per person	Public Libraries Victoria Network, 2018-19 PLVN Annual Statistical Survey (2019), Frankston Library
Number of library facilities	40,000	Population per Library facility	Current actual provision ratio in Frankston City Council based on long term provision 3 existing libraries and 1 future Langwarrin Library.
Education Enrolment & Facility Estimates			
Primary Schools			
Govt Primary Enrolment	74%	% of 5-11 year old population	Australian Bureau of Statistics, 2016 Census of Population and Housing, based on data for Frankston City Council
Catholic Primary Enrolment	12%	% of 5-11 year old population	As above

Frankston City Council Community Infrastructure Plan – Main Report

Community Infrastructure Category & Item	Provision ratio / participation Rate	Description of measure	Source of measure
Non Govt Primary Enrolment	7%	% of 5-11 year old population	As above
Total Primary Enrolment	93%	% of 5-11 year old population	As above
Govt Primary School	3,000	Total number of dwellings per facility	Department of Education & Training
Secondary Schools			
Govt Secondary Enrolment	62%	% of 12-17 year old population	Australian Bureau of Statistics, 2016 Census of Population and Housing, based on data for Frankston City Council
Catholic Secondary Enrolment	12%	% of 12-17 year old population	As above
Non Gov Secondary Enrolment	12%	% of 12-17 year old population	As above
Total Secondary Enrolment	86%	% of 12-17 year old population	As above
Govt Secondary School	10,000	Total number of dwellings per facility	
TAFE			
TAFE Full-Time Enrolment (15 to 24)	3.3%	% of 15-24 year old population	Australian Bureau of Statistics, 2016 Census of Population and Housing, based on data for Frankston City Council
TAFE Full-Time Enrolment (25+)	0.4%	% 25 + year old population	As above
TAFE Part-Time Enrolment (15 to 24)	4.6%	% of 15-24 year old population	As above
TAFE Part-Time Enrolment (25+)	1.1%	% 25 + year old population	As above
Total TAFE Enrolments			
Universities			
University Full-Time Enrolment (15 to 24)	12.6%	% of 15-24 year old population	As above
University Full-Time Enrolment (25+)	0.7%	% 25 + year old population	As above
University Part-Time Enrolment (25 to 24)	1.8%	% of 15-24 year old population	As above
University Part-Time Enrolment (25+)	1.2%	% 25 + year old population	As above
Total University Enrolments			
Primary & Acute Health Services			
Number of public and private hospital beds	3.86	Number of public and private beds per 1,000 people (Australian hospital statistics (2015–16))	Australian Institute of Health & Welfare, Australian hospital statistics 2015–16
Number of public hospital beds	2.41	Number of public beds per 1,000 people (Australian hospital statistics (2015–16))	Australian Institute of Health & Welfare, Australian hospital statistics 2015–16
Community health clients	3%	Proportion of population that is a registered community health client	Victorian Auditor-General's report, Community Health Program (June 2018)

Frankston City Council Community Infrastructure Plan – Main Report

Community Infrastructure Category & Item	Provision ratio / participation Rate	Description of measure	Source of measure
Allied health service sites	0.7	Number of allied health service sites per 1,000 people (Frankston City Council)	Department of Health and Human Services, Frankston City Council Health Profile 2015 (https://www2.health.vic.gov.au/about/reporting-planning-data/gis-and-planning-products/geographical-profiles)
General practices	0.30	Number of general practice clinics per 1,000 people (Frankston City Council)	Department of Health and Human Services, Frankston City Council Health Profile 2015 (https://www2.health.vic.gov.au/about/reporting-planning-data/gis-and-planning-products/geographical-profiles)
Dental services	0.20	Number of dental service sites per 1,000 people (Frankston City Council)	Department of Health and Human Services, Frankston City Council Health Profile 2015 (https://www2.health.vic.gov.au/about/reporting-planning-data/gis-and-planning-products/geographical-profiles)
Pharmacies	0.20	Number of pharmacies per 1,000 people (Frankston City Council)	Department of Health and Human Services, Frankston City Council Health Profile 2015 (https://www2.health.vic.gov.au/about/reporting-planning-data/gis-and-planning-products/geographical-profiles)
Projected hospital admissions	495.7	Hospital inpatient separations per 1,000 people (Frankston City Council). Note: projected to increase by 5.3% per annum until 2026/27.	Department of Health and Human Services, Frankston City Council Health Profile 2015 (https://www2.health.vic.gov.au/about/reporting-planning-data/gis-and-planning-products/geographical-profiles)
Emergency presentations	292	Emergency department presentations per 1,000 people (Frankston City Council). Note: projected to increase by 5.4% per annum until 2026/27	Department of Health and Human Services, Frankston City Council Health Profile 2015 (https://www2.health.vic.gov.au/about/reporting-planning-data/gis-and-planning-products/geographical-profiles)
Drug & alcohol clients	7.1	Number of registered Alcohol & Drug Treatment clients per 1,000 people (Frankston City Council)	Department of Health and Human Services, Frankston City Council Health Profile 2015 (https://www2.health.vic.gov.au/about/reporting-planning-data/gis-and-planning-products/geographical-profiles)
Mental health clients	15.7	Number of registered mental health clients per 1,000 people (Frankston City Council)	Department of Health and Human Services, Frankston City Council Health Profile 2015 (https://www2.health.vic.gov.au/about/reporting-planning-data/gis-and-planning-products/geographical-profiles)
Aged Care & HACC			
Aged Care			
Number of aged care places (residential and home care)	123	Number of aged care places per 1000 people aged 70 years +	Australian Government Planning Ratio 2019
Short Term Restorative Care Programme	2	Number of STRC places per 1000 people aged 70 years +	Australian Government Planning Ratio by 2019
Arts & Cultural Activities			
Type of arts / cultural activity participated in (people aged 15 and over)			
Performing in a drama, comedy, musical or variety act	6.2%	% of 15+ population participating in activity	Australian Bureau of Statistics, Participation in Selected Cultural Activities, Australia, 2017–18 (Catalogue Number 4921.0)
Singing or playing a musical instrument	4.3%	As above	As above

Frankston City Council Community Infrastructure Plan – Main Report

Community Infrastructure Category & Item	Provision ratio / participation Rate	Description of measure	Source of measure
Dancing	4.8%	As above	As above
Writing	2.8%	As above	As above
Visual art activities	1.9%	As above	As above
Craft activities	1.8%	As above	As above
Designing websites, computer games or interactive software	2.8%	As above	As above
Fashion, interior or graphic design	5.7%	As above	As above
Type of arts / cultural activity participated in (children aged 0 to 14)			
Drama activities	8%	% of 0-14 population participating in activity	Australian Bureau of Statistics, Participation in Selected Cultural Activities, Australia, 2017–18 (Catalogue Number 4921.0)
Singing or playing a musical instrument	23%	As above	As above
Dancing	17%	As above	As above
Art and craft activities	39%	As above	As above
Creative writing	23%	As above	As above
Creating digital content	17%	As above	As above
Screen based activities	90%	As above	As above
Reading for pleasure	79%	As above	As above

Frankston City Council Community Infrastructure Plan – Main Report

Appendix 2 - Projected Supply Requirements for Major Community Infrastructure Forms in the Frankston City Council

Table 4 - Projected Supply Requirements for Major Community Infrastructure Forms for Frankston City Council

Community Infrastructure Category	Current Supply	Surplus / Deficit by 2041
Indoor and outdoor recreation facilities		
Active open space hectares	260	14.3
Indoor recreation centres / courts	16	-0.4
Aquatic facilities (indoor & outdoor)	2	-0.05
Early Years Services		
Sessional Kindergarten		
Number of sessional kindergarten rooms required under proposed 15 hours of 4 year old kindergarten and 15 hours of 3 year old kindergarten.	31	-2.1
Number of sessional kindergarten rooms required under proposed 30 hours of 4 year old kindergarten and 15 hours of 3 year old kindergarten.	31	-18.6
Maternal & Child Health		
Number of MCH consulting units	25	8.7
Long Day Child Care Centres		
Number of Long Day Child Care places	3,679	233
Community Centres, Meeting spaces, Neighbourhood Houses & Libraries		
Multipurpose Community Centre	9	-14.3
Neighbourhood Houses	7	-1.2
Libraries		
Library floorspace (square metres)	2,499	-2,596
Number of library facilities	4	-0.1
Education Enrolment & Facility Estimates		
Primary Schools		
Govt Primary Enrolment		182
Govt Primary School	22	-1.3
Secondary Schools		
Govt Secondary Enrolment		543
Govt Secondary School	7	0.0
Primary & Acute Health Services		
Number of public and private hospital beds	1,088	376
Residential Aged Care		
Aged care places (residential and home care)	1,199	-2,044

Consideration of Reports of Officers

FRANKSTON WAYFINDING STRATEGY AND STYLE GUIDE 2022

Frankston Wayfinding Strategy & Style Guide - October 2022

Meeting Date: 12 December 2022

Attachment: B





Frankston City Council Wayfinding Strategy and Style Guide

October 2022

Acknowledgement of Country

Frankston City Council acknowledges the Bunurong people of the Kulin Nation as the Traditional Custodians of the lands and waters in and around Frankston City, and value and recognise local Aboriginal and Torres Strait Islander cultures, heritage and connection to land as a proud part of a shared identity for Frankston City. Council pays respect to Elders past and present and recognises their importance in maintaining knowledge, traditions and culture in our community. Council also respectfully acknowledges the Bunurong Land Council as the Registered Aboriginal Party responsible for managing the Aboriginal cultural heritage of the land and waters where Frankston City Council is situated.

Contents

Introduction	04
Section 1 Wayfinding Principles	05
Section 2 Visual Language & Components	22
Section 3 Signage Typologies	32
Section 4 Signage Specifications	40
Section 5 Typical Footings	105
Section 6 Engineering Drawings	107
Section 8 Indicative Location Plans	113
Section 9 Gateways	130

Introduction

Welcome to the Frankston Wayfinding and Signage Style Guide. This document aims to deliver a comprehensive and co-ordinated wayfinding signage system that creates connectivity, walkability and legibility for the entire city's benefit (residential, business and visitor).

What is wayfinding signage?

All people wayfind in one way or another. The term wayfinding encompasses the way we navigate and spatially orient ourselves within spaces and from place-to-place.

Wayfinding signage is therefore designed specifically to assist in the process of orientation and navigation through the use of map, directional and location information.

Background

The Style Guide is designed to support Frankston City Council to upgrade their wayfinding and signage across the Local Government Area. This will improve the user experience of the city, creating an inspiring sense of place and to guide wayfinding in the city for the next 20 years.

Reviewing our signage – from Gateways through to parks and open spaces – allows Frankston to create a stronger sense of place for our community. It's also a chance to develop a simple, clear and connected signage family which speaks to the diversity of Frankston as an urban bayside destination.

It is critical that there is an overarching style used for the signage that is applied across the whole LGA. This ensures that new and returning visitors can quickly identify that they are in or have arrived in Frankston.

To support these upgrades in the signage system, current global trends and best practice principles in wayfinding signage have been incorporated into the development of these guidelines.

Objectives of our new signage system

- A Sense of Identity – Build on a strong 'sense of identity' for the precinct through concepts that reflect the place, integrate signage components and are inspired by the brand.
- A Legible Precinct – Create a legible, cohesive, efficient and consistent wayfinding system and communication of information in the public domain.
- A Meaningful Place – Assist in facilitating a meaningful experience for users.
- Enhance the visual amenity of the built and natural environment through signage by assisting in connections to and around the place to better promote and embellish the sites facilities, features and history.
- To assist users to navigate the place independently and safely by providing consolidated information that identifies, informs and directs them to destinations.
- To deliver a system that is logical, legible, functional, economical to execute and is easy to understand for people of all abilities, age and language.
- Balance quality, resources and maintenance requirements for a sustainable sign management system and guide Frankston City Council in the efficient implementation and management of the signs.

Section 01

Wayfinding Principles

1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

6

Principles of successful wayfinding

Signage in successful wayfinding is to provide sufficient information at each stage of a user's journey to help them getting from A to B to C.

Whether the user is entering the area from a bus or train station, signage should be positioned effectively with the correct information at that time. Its primary role is to direct and orient users, and as such is pragmatic in its intentions. However its character, form, use of symbols, colours and materials can be informed by a site's history and character.

Character

- Informative and useful but non intrusive design.
- Seamless integration with the public realm through materiality, form and function
- Strong, consistent, contemporary and timeless visual identity.
- Encapsulates the overall branding of a site and help to reinforce the identity of the place
- 4-way ability to provide wayfinding information.
- Information needs to be clearly and consistently structured
- Wayfinding must be inclusive

Branding

- Unique symbols developed for interpretation can appear on mapping for site orientation
- Customised set of simple, iconic symbols to simplify wayfinding
- Consistent use of typefaces throughout wayfinding and other media
- Consistent application of branding
- Consistently realised use of colour, form and materiality
- Use of a colour palette that reinforces branding and identity

Signage Placement & Orientation

- Integrated signage with surface and furniture elements to reduce visual clutter
- Signs to guide users to public transport and major destinations
- Locations/signage placements should be evaluated and placed with an appropriate orientation considering the cone of vision of users
- Use of 'heads up' maps that corresponds to the direction the user is facing

Materiality

- Robust materiality
- Sophisticated integration of local materials which integrate with the public realm design.
- Maintenance
- Signages should be maintained and updated with time



1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE





7

All inclusive & DDA accessible wayfinding

Wayfinding systems should carefully consider users of all abilities to improve their experience and navigability of a site. People with special needs require different instructions and wayfinding tools to be delivered, in a manner that they can understand and act upon.

Many different user groups go through a site making it imperative to consider all the varying user needs in the creation of a wayfinding strategy and a signage system.

It is important to identify critical users for whom the provision of information is necessary, as well as minority groups whose journeys may not be as critical. While the focus should be on public users who are visiting the sites for the first time, the overall wayfinding system should also work for repeat users.

User Group	What they rely on to navigate a site	Constraints	Wayfinding recommendations
 Mobility Impaired	<ul style="list-style-type: none"> Easy to access routes. 	<ul style="list-style-type: none"> Architectural barriers such as inaccessible routes and narrow spaces. Physical obstructions. 	<ul style="list-style-type: none"> Provide directions on how best to navigate/access a site and where amenities such as accessible parking and toilets are located. Route design must be appropriate to allow for mobility impaired access, e.g. ramps, lifts and self-opening doors. Ensure routes are free of physical obstructions. Information must include barriers to access destinations including stairs, steep gradients and cross fall, steps to entrances, alternative accessible entrances (at side/back of buildings) or surface quality.
 Deaf or Hard of Hearing	<ul style="list-style-type: none"> Written messages. Sign language. Lipreading. Good lighting. Clear simple language. Clear lines of sight. Staff at facilities should be trained to use basic Auslan signs. Look directly at the person when speaking. 	<ul style="list-style-type: none"> Background noise. Understanding the sense of words. Magnetic interference affecting hearing aids. 	<ul style="list-style-type: none"> Provide sufficient lighting. Staff at facilities should be trained to use basic Auslan signs and to look directly at the person when speaking. Staff who know sign language to be available on site. Destination names should sound significantly different. Provide visual announcements via digital screens.
 Blind or Vision Impaired	<ul style="list-style-type: none"> Touch. Hearing. Braille interpretation. People with low vision rely on clear sans serif fonts, good use of spacing, appropriate font size and luminance contrast. Accessible formatting of text for screen readers and other assistive devices to interpret. 	<ul style="list-style-type: none"> Many can only rely on the audio or written message if proper measures are in place. 	<ul style="list-style-type: none"> Use short messages. Provide audio information where possible. Use clear audio announcements. Use tactile indicators. Provide braille messaging. Ensure routes are not obstructed by signage. <p>Specific to Vision Impaired:</p> <ul style="list-style-type: none"> Use a large and legible sans serif typeface. Use high colour contrast. Provide sufficient lighting. Luminance contrast. Use matte finish to avoid reflection on signage surfaces. Signage to be located consistently, so people know when and where to look for a particular type of information.
 Cultural & Language Diversity <p>Australia is a culturally diverse country.</p>	<ul style="list-style-type: none"> Internationally recognised pictograms. 	<ul style="list-style-type: none"> Having English as a second language may result in an inability to decode written messages and signage accurately. 	<ul style="list-style-type: none"> Use easy English. Use universally understood symbols and pictograms. When a significant percentage of users are people from culturally and linguistically diverse backgrounds, appropriate initiatives will need to be considered by management, usually in the form of bilingual or multilingual signs and the provision of interpreter services.
Low Literacy Levels <p>Users who can read at a basic level and who recognise numbers and letters first.</p>	<ul style="list-style-type: none"> Visual instructions. Audio announcements. 	<ul style="list-style-type: none"> Inability to read written messages and complicated wording. 	<ul style="list-style-type: none"> Use easy English (numbers and letters). Use universally understood symbols and pictograms. Provide landmarks.
Sensory Sensitivities <p>Dementia community and people with autism and other sensory processing disorders.</p>	<ul style="list-style-type: none"> Non reflective and non-textured surfaces. Clear language. Uncluttered content. Consistency. Symbols and imagery. 	<ul style="list-style-type: none"> Flashing lights. Background noise. 	<ul style="list-style-type: none"> Use short and simple messaging. Use easy English (numbers and letters). Use universally understood symbols and pictograms. Minimise background noise.

1 WAYFINDING PRINCIPLES

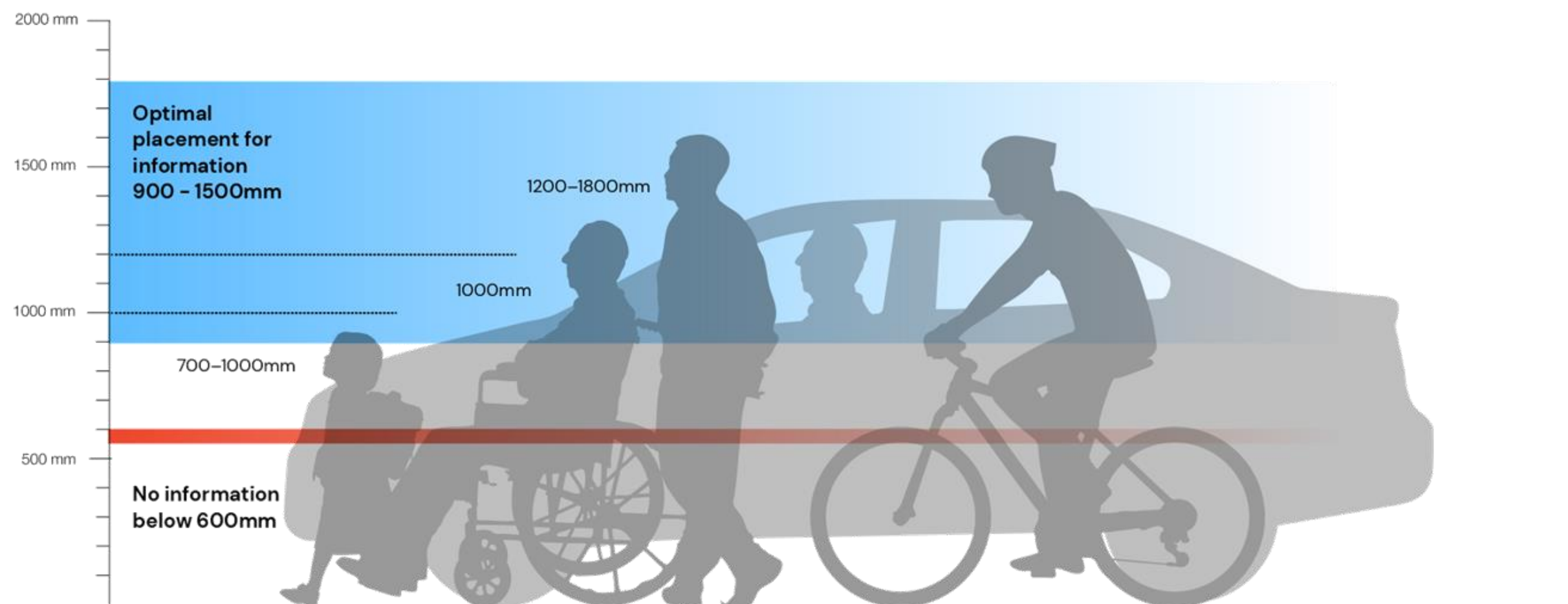
DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

8

Audience optimum viewing heights

The overall legibility of a sign is essentially determined by the height, color, and font characteristics of the letters making up its message component. All signs should be designed to maximise the optimum viewing height zones and required viewing distances according to the user.



1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

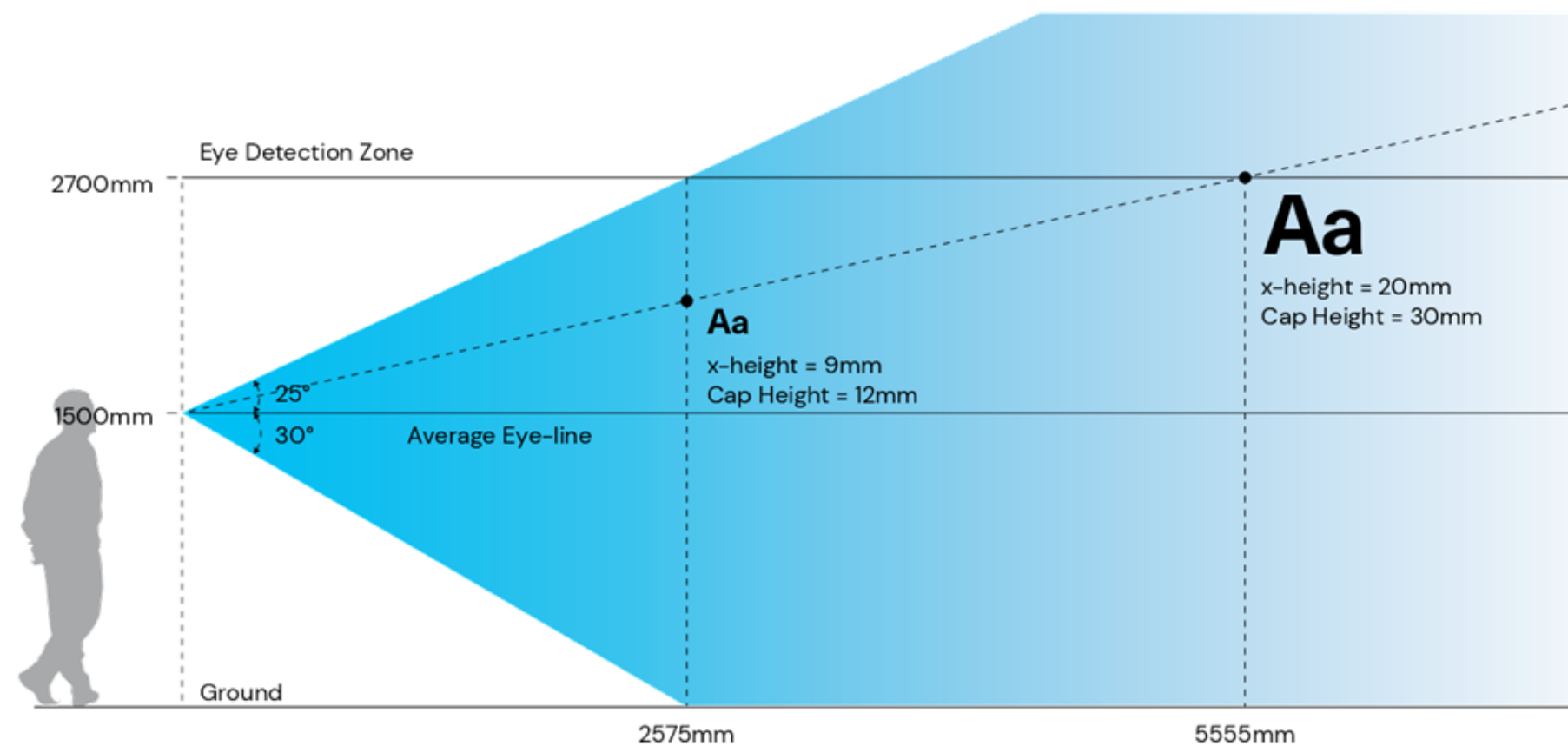
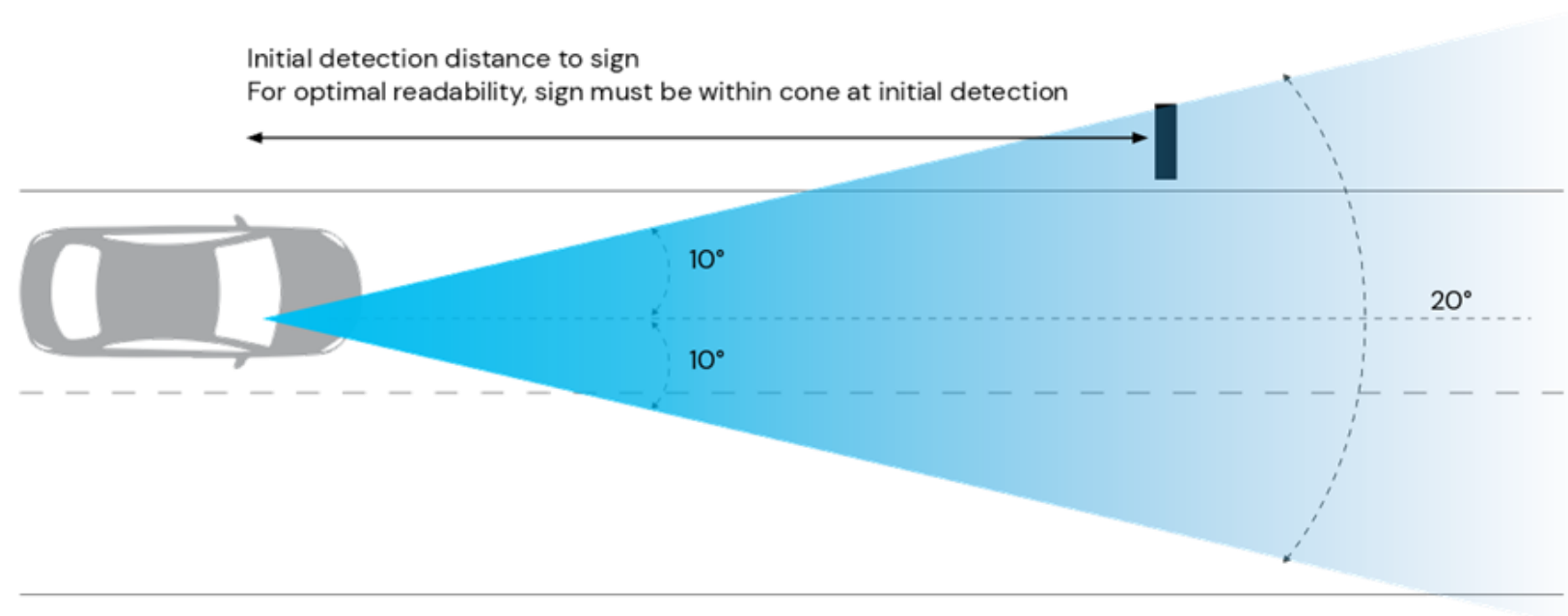
9

Sign distance vs height

Pedestrian signage detection over longer viewing distances is restricted to a maximum of 25° above and 30° below the viewers eye-line.

Motorists have a lateral viewing angle of 20°, therefore for optimal readability, signage must be placed within this viewing cone.

- The only type of signage that this principle applies to is Identification or directional signage.
- Signage that is placed in this zone should be readable from a minimum distance of 5.5m.
- There must be clear viewlines to the signage.
- Text size selection should adhere to AS Standards.
- For directional information, a minimum text size of 30 mm is required but 50 mm is preferable to meet AS Standards.



1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

10

General step process for the creation of signage

The following diagram is a useful overview of the signage planning, design and implementation process. It outlines the key stages and approval points and should be used as a guide for those involved with signage.

Plan & Design



Get informed by reading relevant manuals, branding guidelines and previously undertaken signage strategies.



Visit the site and audit all existing signage.



Develop a signage plan locating all signs needed and/or to be removed.

Consider the most appropriate sign types within the signage family.



Prepare schedules including content and templates to be used to have signage designed.



Have signage costed.



Approvals



Forward draft to relevant Council department for approval.



Implementation



Prepare finished artwork and detailed signage location plans to get signs manufactured using latest signage guidelines and templates.



Get signage installed by an appropriately qualified contractor.



Regularly check signage conditions and maintain as necessary.

1 WAYFINDING PRINCIPLES

Typeface and text size

The chosen typeface will make the difference in a good or bad sign. When using too bold weighted typefaces the text will look like its expanding of the sign, when using too light weighted typefaces the text will fall back into its background. Medium or Regular weights are usually the best options to choose for a good and readable sign



Pedestrians

Refer to the table below for the appropriate text size according to the required viewing distance.

Required Viewing Distance (metres)	Minimum *X-Height of Letters (millimetres)
2 m	6 mm
4 m	12 mm
6 m	20 mm
8 m	25 mm
12 m	40 mm
15 m	50 mm
25 m	80 mm
35 m	100 mm
40 m	130 mm
50 m	150 mm

*X-Height is the distance between the baseline of a line of type and tops of the main body of lower case letters (i.e. excluding ascenders or descenders). The x-height is a factor in typeface identification and readability. Typically, this is the height of the letter x.



Cyclists

Factors to consider include the speed at which cyclists are likely to be travelling and sight lines. Cyclists on Intercities routes could travel at around 20km/h to 30km/h and require larger sized signs than those at sites where cyclists are likely to be going much slower.

Large cycle networks that connect across neighbouring municipalities should align with the current Austroads Bicycle Wayfinding Guidelines for consistent and legible cycle wayfinding. Text heights should be no smaller than 30 mm.

Recent standards (AS 1742.9-2000) recommend 'x' height of no less than 60mm for destination names. However other standards across Australia (i.e WAMRD Road & Traffic Engineering Standards (WAMRDRTES) recommends no less than 40mm.



Cyclists/Motorist

The legibility of a sign will influence the viewer's reaction time, the time necessary for a user to detect, read, and react to a message displayed to their approach.

Austroads Guide to Traffic Management Part 10: Traffic Control and Communication Devices (2009) (Section 4.3.7) provides the following guideline for the required letter size based on the user's approaching speed and number of words on the sign.

The minimum size of capital letters is determined by using the following equation:

$$H = 0.14 NV + 11.4S$$

Where:

- H = capital letter height in millimetres, including height of initial capitals used with lower-case letters.
- N = number of words on the sign.
- V = approach speed in kilometres per hour.
- S = lateral offset of sign in metres, measured from the center of the sign to the center of the traffic lane.

1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

12

Time and distance

To encourage walking and cycling to destinations, wayfinding systems generally include time and/or distance in their directional information. Different formulas are used to calculate the time required to reach a destination according to the user.

Google Maps Distance API web service is also used to collect this data.

Pedestrians

Walking time information must be used as an appropriate means of journey-planning rather than distances. This is designed to make walking to destinations more achievable, as long distances are often misunderstood. Walking icons could be placed next to the walking time to give context.

Walking speed will vary between people so a basic time may be based on the following equation:

$$T = D / S$$

Where:

T = time in minutes. Results should be rounded to the highest minute.

D = distance from location to destination in metres.

S = average walking speed (80m/min).

Cyclist

A combination of cycling time and distance information measured in km could be used. This is designed to give cyclists enough information to destinations, as cycling speeds differ according to people's skills.

A cycling icon is included above cycling distances/times to give context.

This approach ties in with sustainable transport principles. Cycling times are based on the following equation:

$$T = D \times 60/S$$

Where:

T = time in minutes. Results should be rounded to the highest minute.

D = distance from location to destination in metres.

S = average cycling speed (15km/hr).



Example time and distance shown on finger-blades

1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

13

Directional arrows

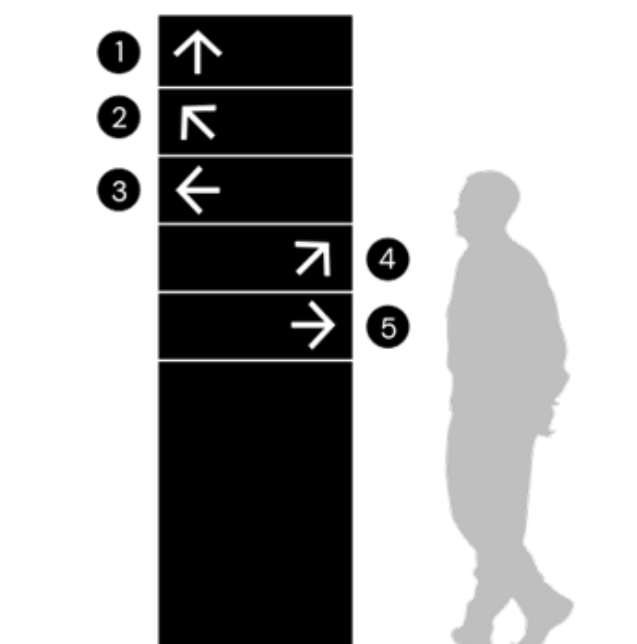
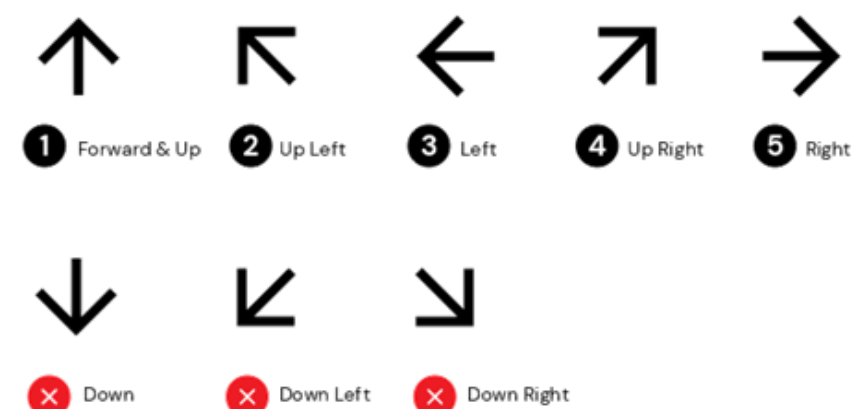
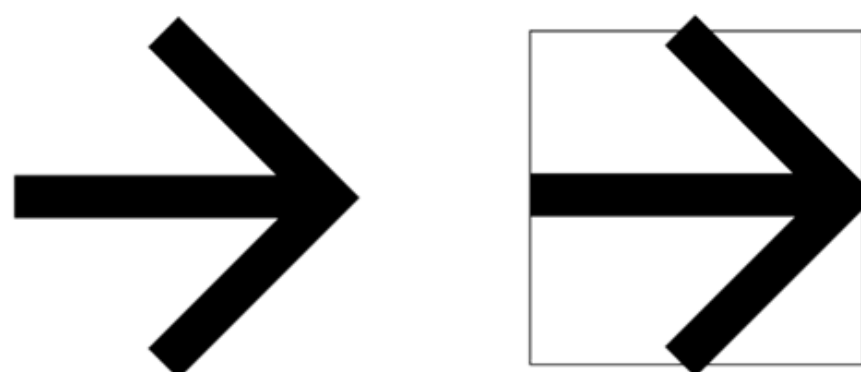
Best practice is to use one arrow symbol per direction and have all destinations in that direction listed next to or below to the symbol. The hierarchy of destinations should be listed either with the closest to furthest away or by level of importance, main destination prominently featured followed by secondary destinations.

Arrows should direct users to destinations ahead of the sign that are in close proximity or to destinations in the distance where other wayfinding nodes will be found at decision points.

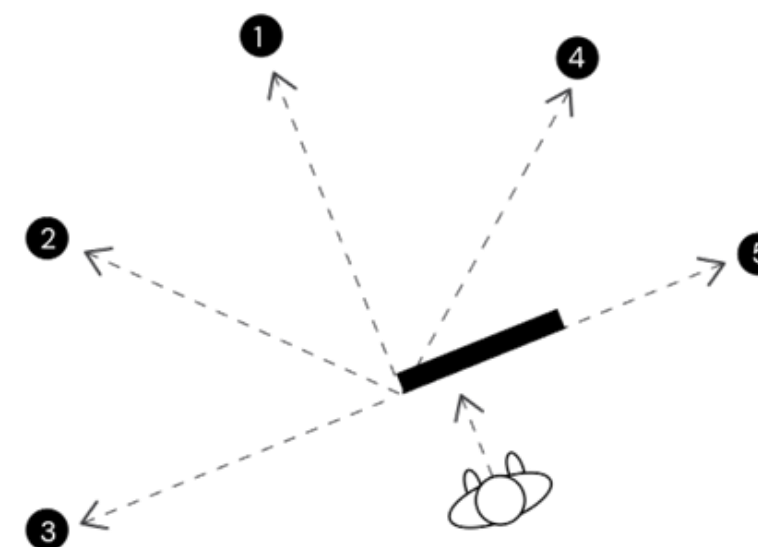
Users should never be directed to destinations which are behind them. Only forwards, left, right and 45°-forward angled arrows are to be used. Downward facing arrows are open to misinterpretation and may become confusing for users. These type of arrows are used only in specific situations, i.e. Staircases.

Arrow bounding box

A bounding box provides guidance for the alignment of arrows on template panels. The arrow head may extend beyond the guide when used in particular rotations. The guideline box is usually provided for templates.



Arrow configuration principles in elevation



Diagrammatic hierarchy of directions in plan view

1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

14

The use of mapping

Maps are critical elements to assist active wayfinding. They can provide more detail than directional signs alone, helping with journey planning about where to go and what to do. The level of detail should be simple and clear. Maps incorporated into signs should be orientated to suit the direction the user is facing. This type of orientation is called 'heads-up,' meaning the map is orientated to the direction the viewer is facing and not necessarily to the tradition of north at the top of the page.

Accessibility considerations

Mapping should include information about accessibility features of a place including where a user can find lifts, stairs, accessible parking, continuous paths of travel, accessible toilets and other amenities that would be relevant to wheelchair users. Obstacles should also be included to inform them of any barriers they may encounter obstructing access to their destination i.e. stairs.

All maps should incorporate principles for accessible print to aid people with limited mobility or vision impairment. It is important to follow these print guidelines:

- Information is easy to locate.
- Layout is simple, consistent and logical.
- A sans serif font has been chosen.
- Text is horizontal where possible, left aligned, well spaced and of an appropriate size.
- Leading and kerning is adequate.
- Use of capitals, italics and underlining is limited or eliminated.
- Graphics are clear and legible.
- Strong contrast between the typography and the background.
- Information does not rely solely on graphics.
- Pictograms have descriptions underneath.



SOURCE: UTS - University of Technology Precedent

1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

15

Colour contrast

Light Reflective Value

A key factor in choosing colours for outdoor signage is to ensure sufficient contrast between the foreground and background colours. Each colour has a Light Reflective Value (LRV) and contrast levels are measured by comparing the foreground and background LRV ratings. 70% is deemed to be an acceptable standard of contrast, making signage more legible for persons with vision impairment.

Generally this means that highlight colours need to be lighter in tone to achieve sufficient contrast with the background.

In order to maintain both consistency and legibility throughout a wayfinding system, it is important to ensure that these colour combinations remain consistent.

Luminance Contrast

Luminance contrast is the light reflected from one surface or component, compared to the light reflected from another surface or component.

The following luminance contrast guidelines are taken from the Disability (Access to Premises Buildings) Standards 2010.

- The background, negative space, fill of a sign or border with a minimum width of 5 mm must have a luminance contrast with the surface on which it is mounted of not less than 30%
- Tactile characters, icons and symbols must have a minimum luminance contrast of 30% to the surface on which the characters are mounted
- Luminance contrasts must be met under the lighting conditions in which the sign is to be located.

HUE	LR[%]	CONTRAST VALUE AND RELATIONSHIP											
RED	13		82	13	62	24	28	56	7	38	32	84	78
YELLOW	71	82		79	52	76	75	58	80	89	73	16	14
BLUE	15	13	79		56	12	17	50	7	47	21	82	75
ORANGE	34	62	52	56		50	47	12	59	76	44	60	44
GREEN	17	24	76	12	50		6	43	18	53	11	80	72
PURPLE	18	28	75	17	47	6		40	22	56	5	79	70
PINK	30	57	58	50	12	43	40		53	73	37	65	51
BROWN	14	7	80	7	59	18	22	53		43	26	84	77
BLACK	8	38	89	47	76	53	56	73	43		58	91	89
GREY	19	32	73	21	44	11	5	37	26	58		78	69
WHITE	85	84	16	82	60	80	79	65	84	91	78		28
BEIGE	61	78	14	75	44	72	70	51	77	89	69	28	

1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

16

Consistent messaging & naming principles

There are three core principles to all naming in wayfinding information. Names should be simple, logical and durable.

Due to the large cultural and language diversity of visitors, the terminology used in wayfinding should be simple and easy to remember.

Each destination naming must be consistent across all wayfinding elements throughout the whole journey and across all map hand outs and marketing material. Plain language and use of symbols and images reduce the complexity of information and makes navigation easier.



Simple

Names should be simple. Simple names are more memorable than complex names and avoid confusion and ambiguity. Simple names tend to be used in everyday conversation or when giving directions.



Logical

Logical names provide a mental link when trip planning. Names should therefore be relevant to the area or purpose of the space.



Durable

Names should be relevant for as long as the space exists. Certain names can become outdated if the building or spaces changes. It is important to have a name that will still be appropriate in the future.

1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

17

Destinations messaging and hierarchy

A structured hierarchy of destinations within the City would ensure consistency of content in relation to which destinations are shown on signs and how they are identified. Once a destination has been signed it must appear on all subsequent destination signs until that destination has been reached.

Destinations should be categorised according to level of importance and use. The categorisation forms the basis of the content approach to each sign type at different points along the journey.

The categories are illustrated in the following table, where the hierarchy code indicates the order that destinations should be listed and disclosed to the user in their journey.

Active Transport Signage

As part of the process of planning for cycle route signage, a Focal Point Signage Map should be prepared that identifies the primary destinations, secondary destinations and decision points that will be signed. The Focal Point Signage Map provides the framework for directional signage on the cycle route and is an important tool in the ongoing development of active transport routes.

Wayfinding & Directional

Before arriving to a facility, vehicular signs and other pedestrian signage should direct users to the facility. Once at the facility, signs will direct users to main destinations within the facility.

Identification

At each entrance point to a building or facility there should be an external sign identifying the site (where designated) and the major destinations within that site.

Toilets

Directions to toilets and similar amenities will also be given either on wayfinding directional signage or as a pictogram next to the corresponding destination in which these facilities can be found. Please note only public toilets should be directed to.

Statutory and Regulatory

Signs that illustrate prohibitive and safety information.

CYCLIST			
MESSAGING PRIORITY & PROGRESSIVE DISCLOSURE IN DESCENDING ORDER	1	2	3
CATEGORY NAME	Primary Destinations	Secondary Destinations	Surrounding Destinations
EXPLANATION	Local Government Areas, Major City Centres and other high profile attractors.	May include major activity centres, starts of or intersections with other cycle routes/trails, and major services/precincts	Other primary destinations surrounding Roe Street that are in close proximity
MESSAGING EXAMPLES	— Frankston Shopping District	— Bay Trail	— Seaford Beach

PEDESTRIAN			
1	2	3	4
Primary Destinations	Secondary Destinations	Tertiary Destinations	Surrounding Destinations
Major destinations/facilities to be covered by area map and directional messaging	Secondary spaces/destinations to be covered by area map and directional messaging only when in close proximity	Minor destinations. Covered by open space mapping or only when in close proximity	Other primary destinations surrounding an open space that are in close proximity
— Public Toilets — Train Stations — Bus Stops — Activity Centre	— Other open spaces close by	— Walking trails	Some to be covered by context map and some to be included in directional messaging for users leaving the site: — Oliver's Hill lookout — Mt Eliza

1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

18

Planning signage and locations

Signage location and size should be considered carefully in the planning process to aid site navigation by users of all abilities. When entering a new space, users will rely on their recognition of familiar experiences in similar environments to influence their decision making behaviour. During every journey a user will come to a point where they need to decide on the next direction for their journey. This is called a decision point. A good wayfinding system should indicate, at every decision point, where to go next to reach the destination.

Pedestrians

Key placement principles for pedestrian signage:

- Mapped plinths with 500m maps should be placed at key decision points or high traffic routes (i.e. Transit hubs, central market, retail precincts, etc).
- Mapped plinths should be placed at intervals that provide an overlap with other corresponding maps.
- Multi-directional signage should be provided at key route decision points.
- Consistent and predictable placement of all signage to build assurance for users.
- Co-locate signs to existing street infrastructure where possible to mitigate visual and physical clutter.
- Use appropriate scaled signage where space is an issue (e.g. surface graphics, co-located panels).

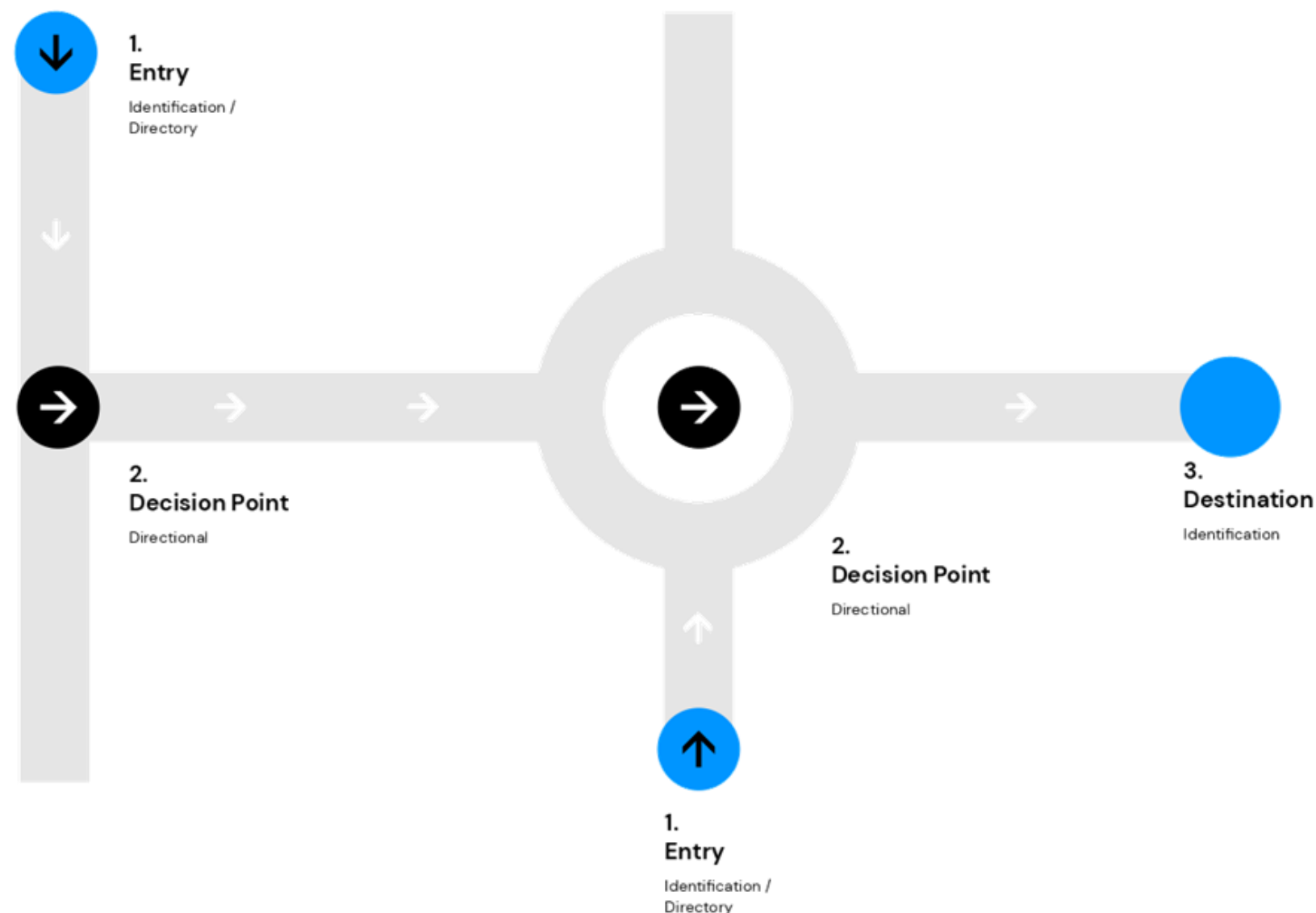
Cyclists

Cyclists needs should be considered when route planning, to identify the types of signs required and where they should be located.

Cyclists generally prefer not to stop, are traveling at faster speeds and need to make decisions quicker than a pedestrian.

These factors inform the placement, type, size and amount of information displayed on cyclist signage including:

- Larger text size and directional arrow.
- Colour blue as a distinct cyclist identifier.
- Time and distance information.
- Overly simplified maps to illustrate upcoming changes in the route or complex intersections.
- On traffic lights or intersections where cyclist might be required to stop and wait, they can benefit from surface graphics with directional information.
- Bike routes identification signs.
- Siting signage to allow cyclists ample time for decision making at speed. This could take the form of mid-block directional signage placed before arriving at an intersection.



1 WAYFINDING PRINCIPLES

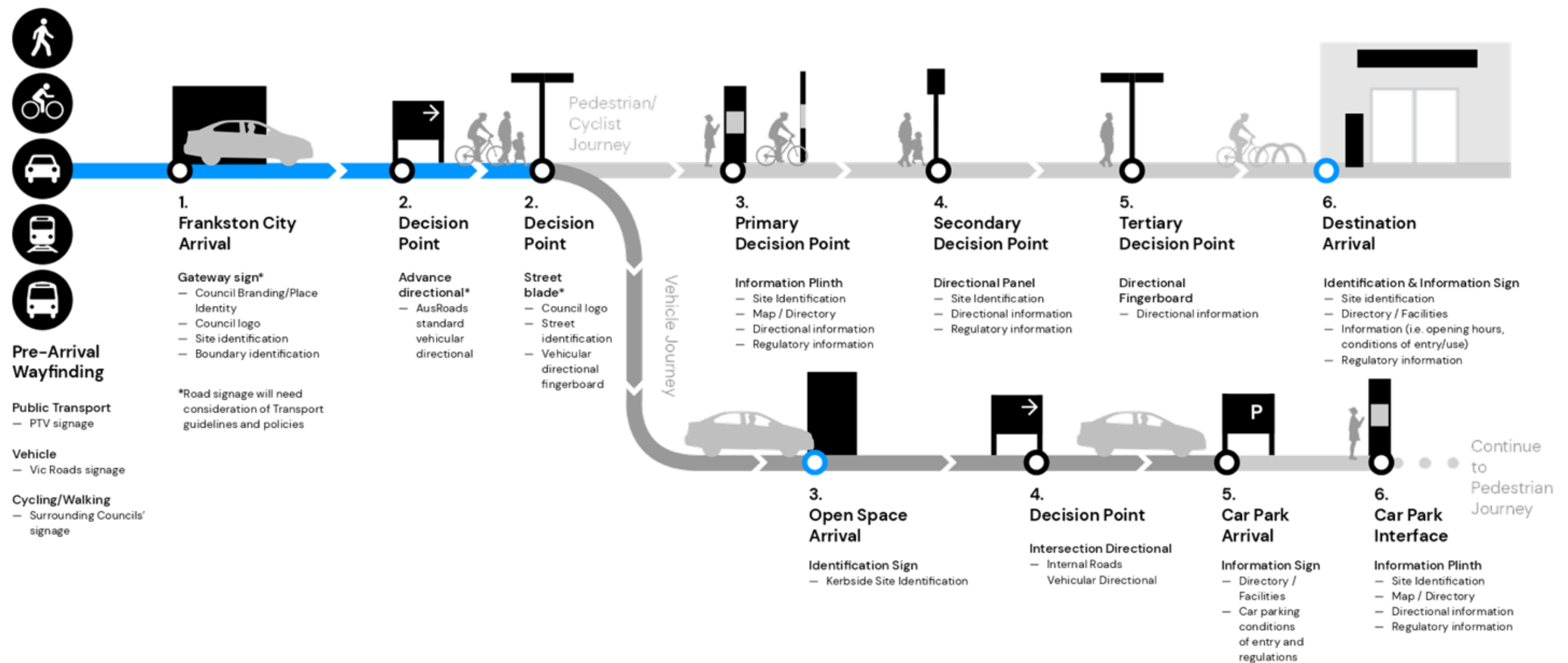
DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

19

User journey scenario from A to B

The Methodology of signage is to provide sufficient information at each stage of the user's journey. An understanding of all interactions between the user and the space is crucial to design a successful wayfinding system.



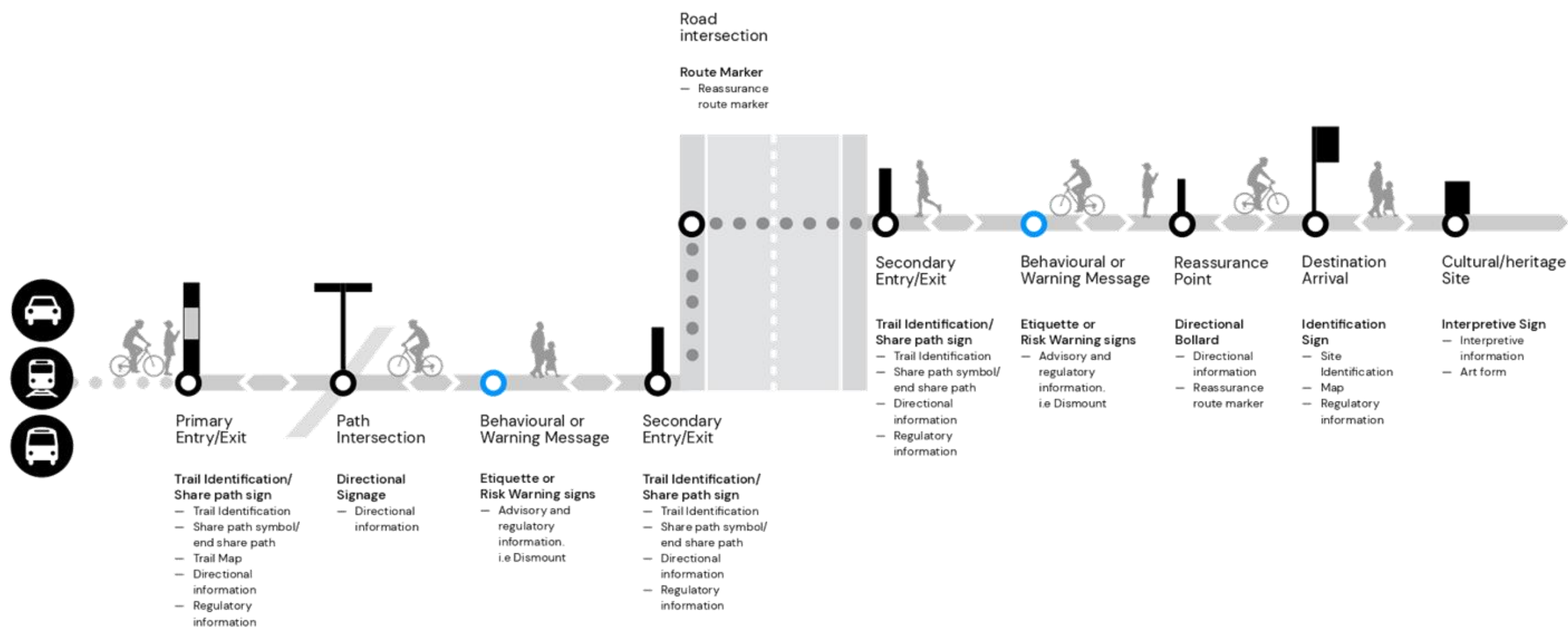
1 WAYFINDING PRINCIPLES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

20

User journey scenario in a bidirectional trail



1 WAYFINDING PRINCIPLES

Principles of placement

To aid accessibility and legibility for users of all abilities it is important to consider the following

1

Identify the areas where signage is needed

Consider the following:

- Where would people need information? (i.e. where are the logical information or decision points on people's journey past or through the site? Or through the public space?).
- Where would people expect information? (People expect to see signs in busy areas, especially those with a lot of foot traffic, e.g. major intersections and local attractions).
- Will the key audience for the sign be people on foot, by bike or by motor vehicle? This affects the speed at which the signs will be viewed and by extension where the sign should be located.
- How would the sign – and the information it supplies – relate to other signs nearby? (i.e. existing signs and/or others being installed at the same time). Providing too much signage can be confusing for people.

2

Find the best location in those areas

Identify a position for the sign that will mean it is:

- Obvious to the audience and has a high visual impact but does not dominate the surrounding area.
- Free of visual obstruction for the sight-lines of your audience (e.g. for a sign with pedestrians as the audience, make sure that there it can clearly be read from the nearby footpath).
- As clear as possible of unrelated signage (obsolete or redundant Council signage should be removed, but other signage e.g. local business etc. may still be present) that may detract from the information provided or lead to confusion.
- Situated at appropriate heights and locations to allow for users of varying abilities to approach and freely navigate to and around the signage (in some cases slight changes to the orientation may help avoid creating an obstacle without compromising the visibility of the sign).
- As clear as possible of physical obstructions like overhanging vegetation and street furniture.

Factors to consider

- Signage near pedestrian crossings and traffic lights need additional considerations to sight lines, pedestrian clearance, utility locations, wheelchair access, etc.
- Any signage installation near traffic and signals need considerations for risk to vehicles and crash impacts. Refer to RMS and AustRoads guidelines for siting of signs, setbacks and frangible construction. Frangible supports are to be used for all modular installations. Frangibility is multi-directional – no compromise for driver and pedestrian safety.

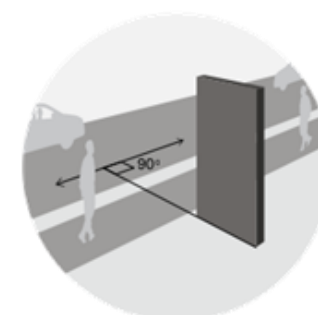
3

Determine the best orientation for signage

The orientation and position of the sign should be based on the conditions at each site (e.g. path width, lighting, location of street furniture etc.) and the predominant direction(s) at which the sign would be approached. As explained above, slight changes to the orientation of the sign may help avoid creating an obstacle without compromising the visibility of the sign.

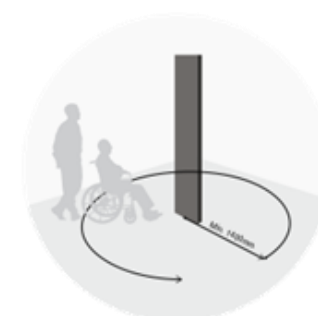
Factors to consider to optimise accessibility

- Position signs free of visual obstructions and in optimum sight lines that are free to access by foot, wheelchair or mobility scooter.
- Place wayfinding signage consistently at decision points to provide assurance to users.
- Over signing can be confusing and discouraging for users.
- Remove obsolete or redundant signage that may be misleading.
- An appropriately sited sign should be obvious but not dominant.



Plinths

Place perpendicular to user's sight and line of movement.



Clearance

Clear zone around information signage should be minimum 1400mm radius.



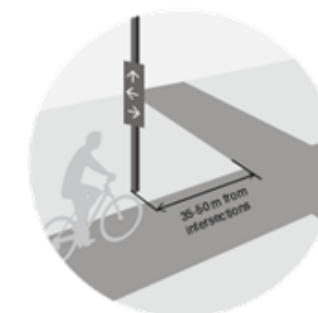
Flags

At decision points in intersections, perpendicular to user's sight and line of movement on the main route.



Fingersigns

At decision points in intersections, parallel to user's line of movement towards destinations.



Active Transport Signage

Advance Directional Signage for on-road bicycle lanes should be positioned 35-50 metres from intersections. This distance is considered appropriate for a cyclist traveling at up to 30km/hr.

Section 02

Visual Language & Components

2 VISUAL LANGUAGE & COMPONENTS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

23

Branding for signage

The Frankston City logo is relatively complex and the typography can be challenging to read.

The logo should be used across all wayfinding signage to identify the land manager, but we recommend use of the mono reverse version to boost legibility outdoors.

Brand life cycle

Signage is a significant investment for Council and – as we can see from the current examples on site – signage can last 25+ years post installation. Consideration should be given to the life cycle of the current Frankston City Brand. We would anticipate that corporate brand colours, brand language and – potentially even the logo itself – would be refreshed in this time. With that in mind, it's prudent to future proof new signage by limiting 'brand elements or design features which may date signage in the near future.

Signage Application

Correct use of the logo is integral to creating a strong brand and will ensure that the organisation is positioned and recognised as the land manager.

Ensure the brandmark is legible and reproduces consistently across all signs.

The mono reverse versions of brandmarks are generally recommended for signage systems as they aid legibility and do not interfere or distract from the main purpose/ message of wayfinding signage.

Clear Space Proportion

To maximise the visual impact of the corporate logo, a clear space must surround the logo. The clear space is the minimum area that must always remain clear. No other graphic elements should be positioned inside the clear space.

Preferred Variation for Signage



Reverse Monochrome logo variation

Council Logo



Full colour logo variation

2 VISUAL LANGUAGE & COMPONENTS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

24

Colour Palette

The Frankston Wayfinding colour system is designed to compliment the natural materiality of the signs. Blue reflects the bay and charcoal creates a classic, contemporary base. The colours are designed to ensure legibility for users.

PRIMARY

This is the primary colour palette to be used across all signage. Please note the Dulux Colour as the colour to match to for signage suppliers.

BLUE

Dulux Colour
Water Raceway

PMS
2925C

CMYK
90 / 25 / 0 / 0

Charcoal

Dulux Colour
Klavier

PMS
Pantone 433C

CMYK
69 / 62 / 61 / 52

SECONDARY – TEXT ONLY

Where text is used on the charcoal background, a slightly lighter blue is used. This enables us to achieve a more accessible level of contrast for text, while still maintaining the overall consistency of the look and the 'bay' theme.

SECONDARY BLUE

PMS
2995 C

CMYK
81 / 12 / 1 / 0

REGULATORY COLOURS

Consistent red and green colours should be used to communicate regulatory messages throughout the municipality.

REGULATORY GREEN

PMS
7481 C

CMYK
90 / 0 / 100 / 0

REGULATORY RED

PMS
179 C

CMYK
0 / 100 / 100 / 0

2 VISUAL LANGUAGE & COMPONENTS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

25

Iconography

Icons are designed to communicate with users quickly and efficiently. The icons developed would be work within the signage suite on signage and maps.

Note: shown are a selection of the icons developed to date and are not final



Section 02

Materiality

2 VISUAL LANGUAGE & COMPONENTS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

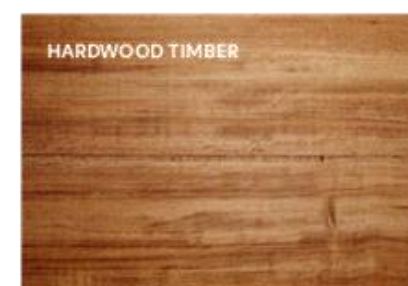
27

Materials Palette

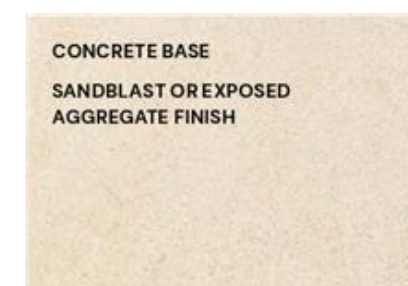
The materials palette has been chosen to provide a cost effective, durable and easily amendable system. It is envisaged that the palette of materials can be sourced locally mitigating delivery and supply issues.



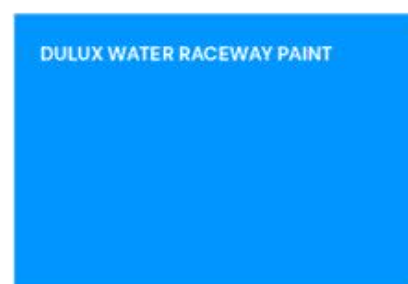
Panel materials



Base and panel of sign



Base plinth of primary gateway



Paint over panels



Paint over panels



Protective clear coating (satin)



Gateway lettering



Computer cut vinyl graphics

Benefits of the Material Palette

Certain materials in the palette have a range of benefits that improve durability, longevity and connection to the natural environment.

Benefits of Vitreous Enamel



Vitreous enamel is a higher specification/cost alternative to painted aluminum for signage panels – but it often brings lower overall life cycle costs for coastal areas or graffiti-prone urban areas.

We recommend using vitreous enamel (instead of painted aluminum) as a sign panel material in the following circumstances:

- Within 500m of the coast to mitigate coastal conditions such as salt spray and rust
- In high impact areas like Frankston central or around key transport nodes to mitigate graffiti and vandalism

Vitreous enamel signs have an anticipated life span of at least four times that of any other sign type. They will maintain their vibrancy and graffiti can be continuously removed without damaging the surface.

Benefits include:

- Vandal and graffiti resistant
- UV light resistant to prevent fading
- Withstands salt and acid
- Withstands temperatures up to 800°C
- Paint, oil, dirt and acid can be wiped off with solvent from a rag without any damage to the sign surface
- Strong durability, low maintenance

Benefits of Timber



- Benefits of timber
- Warm and references both the beach and the natural environment
- Sympathetic to the natural environment
- It can be oiled or left to grey off
- Class 1 timber has longevity
- Sustainable and recyclable
- Low Co2 footprint
- Softens the urban character

Note: Like all signage, timber requires a maintenance regime if it has a treatment applied like oil or coating. The City of Adelaide has used timber throughout their gateway and parklands signage and they have developed a maintenance schedule which involves oiling signage on an annual basis. It should be noted that no signage system should be left unmaintained.

Timber can be sanded back if graffitied and a non-visible anti-graffiti coating can be applied to mitigate graffiti risks.

Benefits of Stone / Concrete



- Can have a strong connection to place
- Adds a beach character
- Is hard wearing
- Looks neat and elevates spaces to be of a higher visual amenity
- Can be coloured and textured and have aggregates added to change its character. This makes it versatile and adaptable to the unique character of a local area.
- Can have a non-visible anti-graffiti coating applied
- Robust, long lived and visually pleasing

Section 02

Mapping

2 VISUAL LANGUAGE & COMPONENTS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

30

Pedestrian wayfinding map style

Indicative design approach for 500m 'Heads Up' wayfinding maps



2 VISUAL LANGUAGE & COMPONENTS

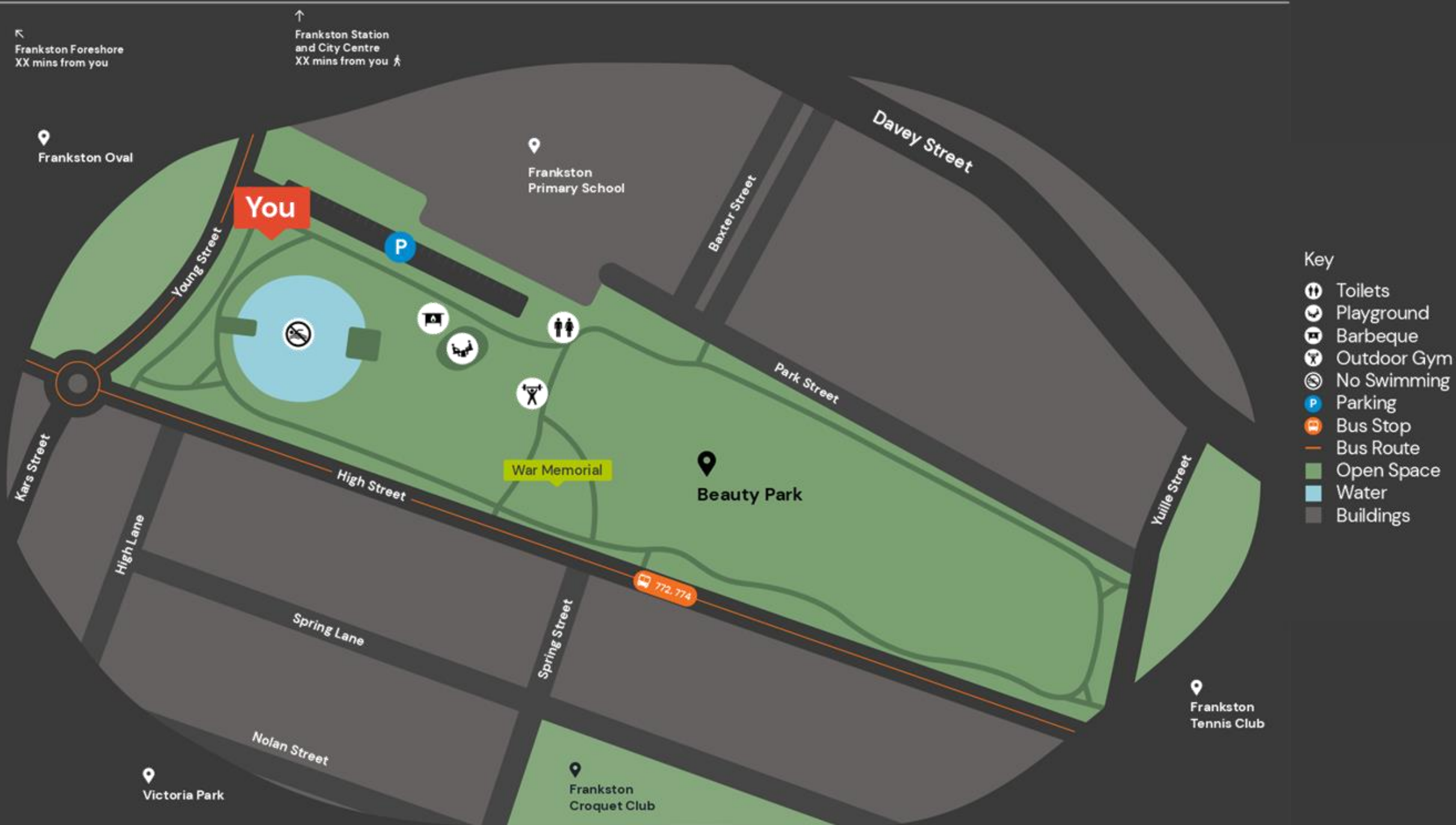
DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

31

Pedestrian wayfinding map style

Indicative design approach for Open Space



Section 03

Signage Typologies

3 SIGNAGE TYPOLOGIES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

33

Signage Typologies

Gateway Markers & Suburb Markers



Placement Diagram Symbol

Code	PG	SG	GW
Name	Primary Gateway	Secondary Gateway	Gateway Flag
Functional Type	ID	ID	ID
Installation	Freestanding	Freestanding	Pole Mounted
Purpose	To provide LGA identification and placemaking by creating a sense of 'arrival' for users. It clearly identifies the Council as land manager. These are our largest and most prominent gateway signs.	To provide suburb identification and placemaking by creating a sense of 'arrival' for users. It clearly identifies the Council as land manager. Secondary Gateway signs can be used for suburb boundaries and for less prominent LGA entry points. Signs should be double sided, identifying the respective suburb visitors are entering.	To identify activity / town centres and create a 'sense of place'. Gateway flags can be used to identify local shopping strips / precincts. Signs are double sided and can state the same precinct name each side.
Materiality	Steel/Aluminium + Timber + Painted frame to match dulux water raceway	Aluminium sign panel painted in two-pack polyurethane + painted frame structure to match dulux water raceway + vinyl graphics	Aluminium Sign panel painted in Two-Pack Polyurethane + mounted to painted galvanised pole + vinyl graphics + clear coat graffiti film
Location	At select primary road access points where traffic, space and location allows for a more prominent structure. Site must be powered.	At primary road access points to LGA or primary road access points to suburbs.	At secondary road access points to suburbs. Near entry points to town centres and shopping precincts. A limited space and low cost option.

3 SIGNAGE TYPOLOGIES

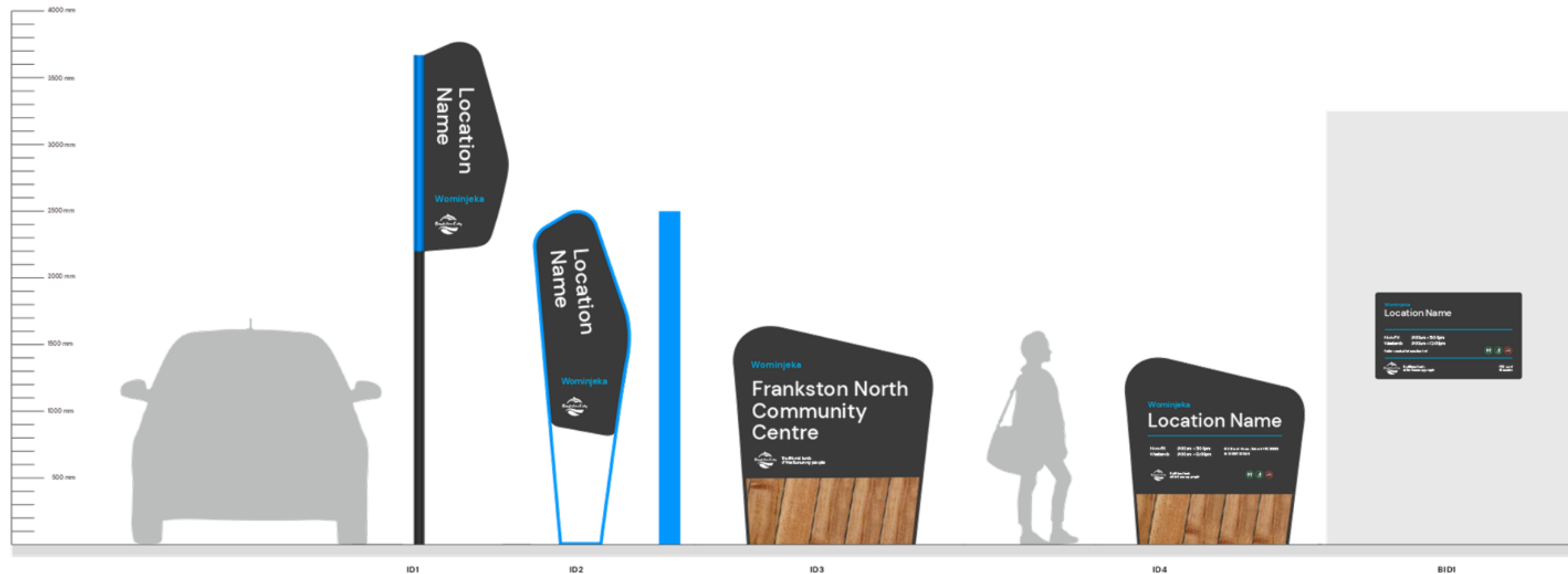
DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

34

Signage Typologies

Site Identification



Placement Diagram Symbol

Code	ID1	ID2	ID3	ID4	BID1
Name	Vehicular Site Identification	Primary Site Identification	Site Identification (Vehicular)	Site Identification (Pedestrian)	Facility Identification
Functional Type	ID	ID	ID	ID + IF	ID + IF
Installation	Pole mounted	Freestanding	Freestanding	Freestanding	Wall mounted
Purpose	To identify arrival points to major facilities / activity centres for road traffic and where space may be limited. This sign type is designed primarily for vehicles.	To identify arrival points to major facilities. This sign type serves a similar function to ID1, but its scale is more suited to a combination of vehicles at low speed or pedestrians. Its narrow footprint also provides an alternative to ID3 where space may be an issue.	To identify arrival points to major facilities for vehicles where space and location allows for a more prominent structure.	To identify arrival points to major facilities and provide users with key information i.e Site name, address, opening hours and regulatory information.	To identify arrival points to major facilities and provide users with key information i.e Site name, address, opening hours and regulatory information.
Materiality	Aluminium sign panel painted in two-pack polyurethane + vinyl graphics + clear coat graffiti film	Aluminium sign panel painted in two-pack polyurethane + painted frame structure to match dulux water raceway + mounted to painted galvanised pole + vinyl graphics + clear coat graffiti film	Aluminium sign panel painted in two-pack polyurethane + timber base panel + vinyl graphics + clear coat graffiti film	Aluminium sign panel painted in two-pack polyurethane + timber base panel + vinyl graphics + clear coat graffiti film	Aluminium sign panel painted in two-pack polyurethane + vinyl graphics + clear coat graffiti film
Location	Placed on external roads kerbside at arrival points or prior to entries to car parks.	At pedestrian and/or vehicular entries to facilities. This sign type suits implementation near built forms.	Placed on external roads kerbside at arrival points or prior to entries to car parks.	At pedestrian entries to public facilities.	At pedestrian entries to public facilities.

3 SIGNAGE TYPOLOGIES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

35

Signage Typologies

Urban Wayfinding



Placement Diagram Symbol

Code	IF1 (Concrete)	IF1 (Timber)	IF2 (Concrete)	IF2 (Timber)	IF3
Name	Urban Mapped Plinth – Large (Concrete)	Urban Mapped Plinth – Large (Timber)	Urban Mapped Plinth – Small (Concrete)	Urban Mapped Plinth – Small (Timber)	Urban Mapped Blade
Functional Type	ID + IF + DR + RG	ID + IF + DR + RG	ID + IF + DR + RG	ID + IF + DR + RG	ID + IF + DR + RG
Installation	Freestanding	Freestanding	Freestanding	Freestanding	Freestanding
Purpose	To provide users with site identification, local directional information, regulatory information and maps at primary decision points along pedestrian routes in urban areas.	To provide users with site identification, local directional information, regulatory information and maps at primary decision points along pedestrian routes in urban areas.	To provide users with site identification, local directional information, regulatory information and maps at primary decision points along pedestrian routes in urban areas.	To provide users with site identification, local directional information, regulatory information and maps at primary decision points along pedestrian routes in urban areas.	To provide users with site identification, local directional information, regulatory information and maps at primary decision points along pedestrian routes in urban areas. This sign type provides a lower cost solution.
Materiality	Aluminium sign panel painted in two-pack polyurethane + concrete base + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium sign panel painted in two-pack polyurethane + timber base + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium sign panel painted in two-pack polyurethane + concrete base + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium sign panel painted in two-pack polyurethane + timber base + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium sign panel painted in two pack poly mounted to painted galvanised pole + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel if within 500m of the beach, or if in a prominent graffiti prone area.
Location	Placed at primary decision points, arrival/entrance or near entry points to major/large facilities or at car park interfaces. Where space and location allows for a more prominent structure (e.g. Frankston Station or Frankston Foreshore). Concrete is suited to more urban areas.	Placed at primary decision points, arrival/entrance or near entry points to major/large facilities or at car park interfaces. Where space and location allows for a more prominent structure (e.g. Frankston Station or Frankston Foreshore). Timber is suited to foreshore areas, natural environments or urban areas which require a softer feel.	Placed at primary decision points, arrival/entrance or near entry points to major/large facilities or at car park interfaces. A smaller version of IF1, IF2 required less space and will be well suited to most urban contexts. Concrete is suited to more urban areas.	Placed at primary decision points, arrival/entrance or near entry points to major/large facilities or at car park interfaces. A smaller version of IF1, IF2 required less space and will be well suited to most urban contexts. Timber is suited to foreshore areas, natural environments or urban areas which require a softer feel.	Placed at decision points, arrival/entrance or near entry points to major/large facilities, or at car park interfaces. Where space is limited and location requires a small, low cost solution.

3 SIGNAGE TYPOLOGIES

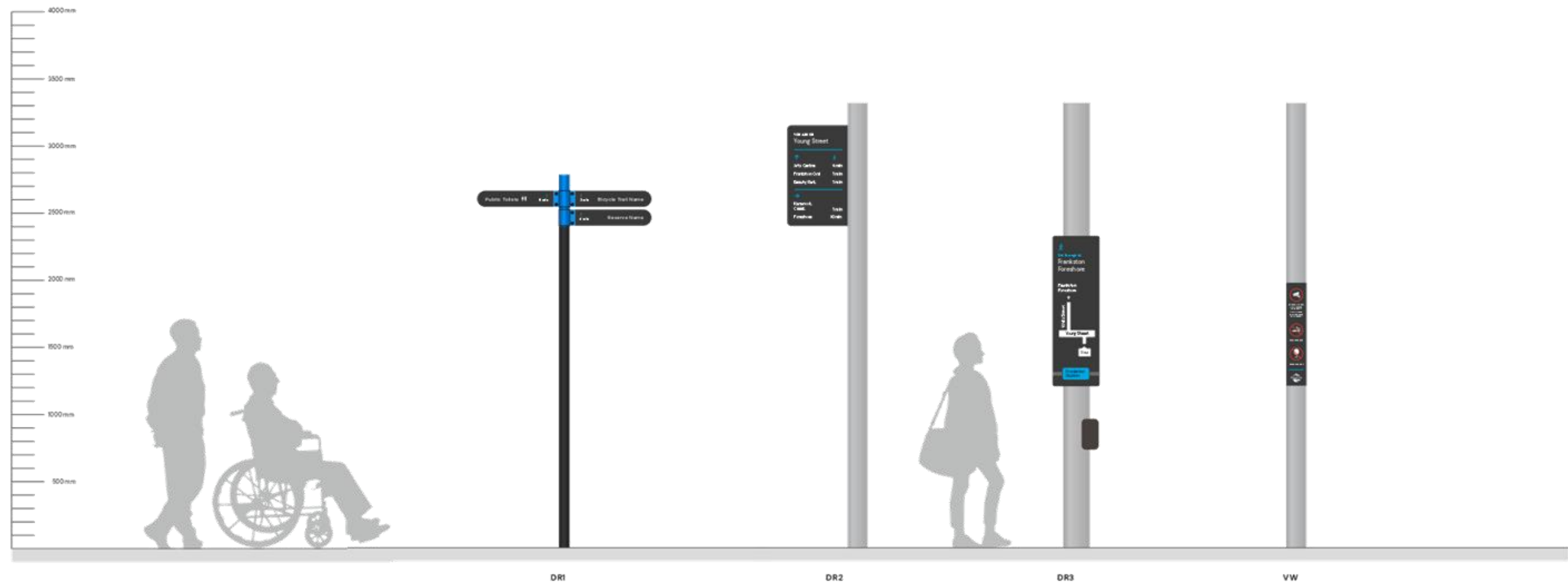
DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

36

Signage Typologies

Urban Wayfinding



Placement Diagram Symbol

Code	DR1	DR2	DR3	VW
Name	Fingerboard	Pole Mounted Directional	Co-located Cut Through Map	Vinyl pole wrap
Functional Type	Directional	Directional	Directional	IF + RG
Installation	Pole mounted	Co-located onto existing poles	Co-located onto existing poles	Co-located adhesive
Purpose	To provide users with local directional information at secondary/tertiary decision points along pedestrian routes or to provide reassurance when traveling between mapped signs and destinations.	To provide users with local directional information at secondary decision points along pedestrian routes and reassurance when traveling between mapped signs and destinations.	To provide guidance to users as they navigate through built-up streets and pedestrian 'cut throughs' in urban areas. Supports users to make tricky connections, especially where sight lines to destination may be obscured.	To provide local directional information for users location or important regulatory information about the area, such as No Smoking, Dog On Leash areas, etc.
Materiality	Aluminium sign panel painted in two pack polyurethane + mounted to painted galvanised pole + vinyl graphics	Aluminium painted in two pack polyurethane + vinyl graphics	Aluminium painted in two pack polyurethane + vinyl graphics + clear coat graffiti film	Self adhesive vinyl wrap
Location	Placed at intersections and decision points along pathways. Suitable when there are fewer than four directions to sign to	Placed at intersections and decision points. Well suited to high density areas where co-locating onto existing poles helps to avoid clutter.	Placed at secondary decision points to guide users through difficult connections.	Placed at high traffic pathways within town centres.

3 SIGNAGE TYPOLOGIES

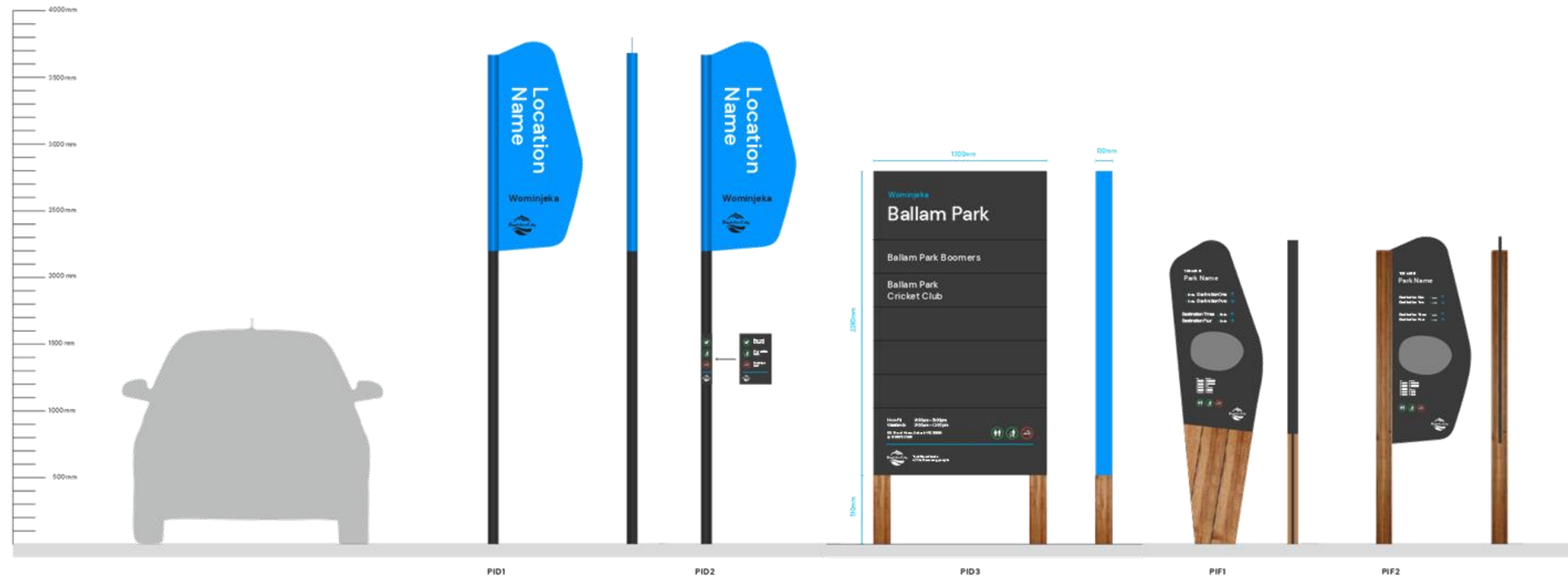
DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

37

Signage Typologies

Open Space



Placement Diagram Symbol

Code	PID1	PID2	PID3	PIF1	PIF2
Name	Vehicular ID	Vehicular ID + Pedestrian Regulatory	Site ID Tenant	Mapped Open Space Plinth	Mapped Open Space Blade
Functional Type	ID	ID + RG	ID + IF + RG	ID + IF + RG	ID + IF + RG
Installation	Pole mounted	Pole mounted	Freestanding	Freestanding	Freestanding
Purpose	To identify arrival points to parks and open spaces for road traffic	To identify arrival points to parks and open spaces for road traffic, and to inform pedestrian users of important regulatory information about the space such as No Smoking, Dog On Leash areas, etc.	To identify arrival points to open spaces and provide users with updatable tenancy information ie. Current tenants/clubs, facilities available, tenant address, opening hours and regulatory information.	To provide trail identification, precinct area maps, directional information and regulatory information at key entry or decision points. This higher specification sign is suited to higher level of service parks.	To provide trail identification, precinct area maps, directional information and regulatory information at key entry or decision points. This lower specification sign is suited to lower level of service parks.
Materiality			Aluminium painted in two pack + timber + vinyl graphics + clear coat graffiti film	Aluminium painted in two pack poly + timber + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium painted in two pack poly + mounted to timber post + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel if within 500m of the beach, or if in a prominent graffiti prone area.
Location	Placed at primary decision points, arrival/entrance or near entry points to parks and open spaces.	Placed at primary decision points, arrival/entrance or near entry points to parks and open spaces.	Placed at entry points to open spaces / facilities.	Placed at primary decision points, arrival/entrance or near entry points to major/large facilities, open spaces or at car park interfaces.	Placed at primary decision points, arrival/entrance or near entry points to major/large facilities, open spaces or at car park interfaces. Where space and location is limited and requires a small, low cost solution.

3 SIGNAGE TYPOLOGIES

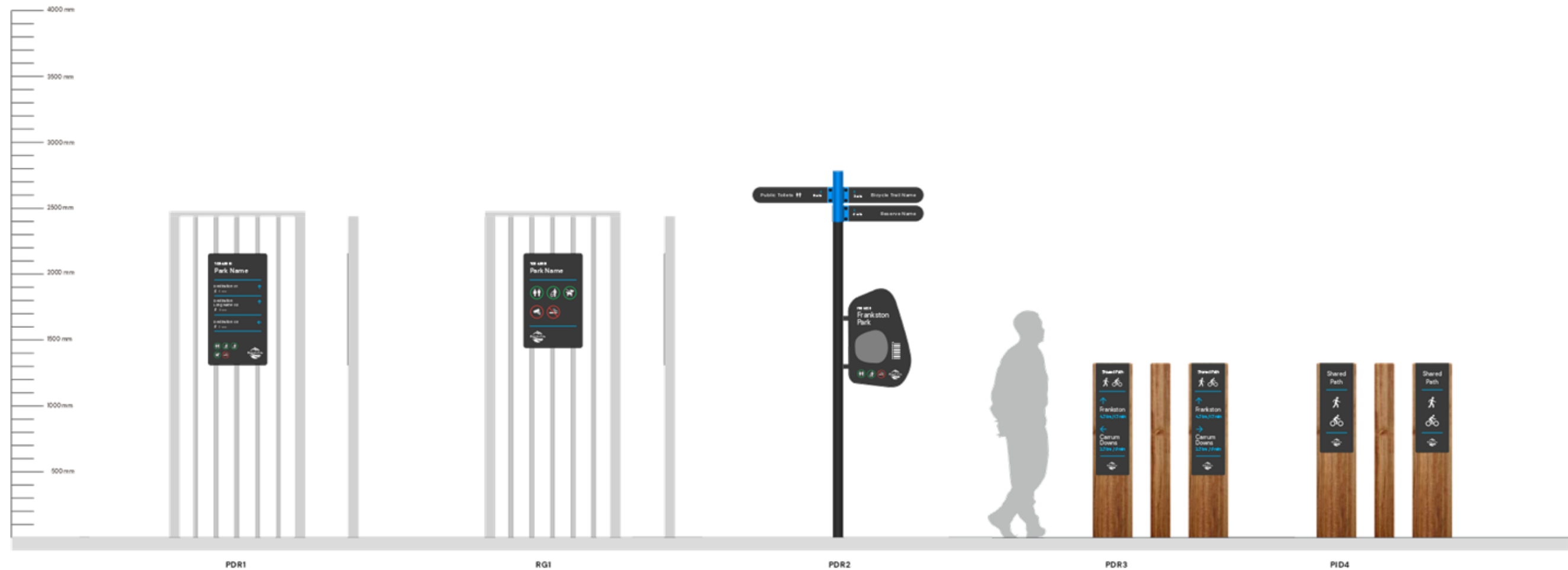
DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

38

Signage Typologies

Open Space



Placement Diagram Symbol

Code	PDR1	RG1	PDR2	PDR3	PID4
Name	Wall / Fence Mounted Directional	Wall / Fence Mounted Directional Regulatory	Open Space Fingerboard	Directional Totem	Shared Path Trail Totem
Functional Type	ID + IF + DR + RG	ID + IF + RG	DR + IF + RG	IF + DR	IF
Installation	Wall / fence mounted	Wall / fence mounted	Pole mounted	Freestanding	Freestanding
Purpose	To provide site identification, directional information and regulatory information at key entry or decision points.	To provide site identification and regulatory information at key entry points.	To provide users with local directional and mapped information at secondary/tertiary decision points along pedestrian routes or to provide reassurance when traveling between destinations.	To provide route reassurance and directional information at intersections with paths where the track continuity is broken up and over longer track sections.	To provide route reassurance at intersections with paths where the track continuity is broken up and over longer track sections.
Materiality	Aluminium painted in two pack poly + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium painted in two pack poly + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.		Aluminium painted in two pack poly mounted to timber post + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium painted in two pack poly mounted to timber post + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.
Location	Placed on walls or fences at entry points to parks, playgrounds and open spaces	Placed on walls or fences at entry points to parks, playgrounds and open spaces	Placed at intersections and decision points along pathways.	Placed at intersections and decision points along pathways.	Placed along pathways.

3 SIGNAGE TYPOLOGIES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

39

Signage Typologies Regulatory + Toilets



Placement Diagram Symbol

Code	RG2	RG3	RG4	PRG1	PRG2	PRG3	PT1	PT2
Name	Regulatory Totem	Regulatory Bollard	Regulatory Panel	Playground Regulatory Fence Mounted	Playground Regulatory Totem	Playground Regulatory Panel	Facility Identification Small (Toilets)	Facility Identification Large (Toilets)
Functional Type	RG	RG	RG	RG	RG	RG	ID	ID
Installation	Freestanding	Freestanding	Pole mounted	Wall / fence mounted	Freestanding	Pole mounted	Wall mounted	Wall mounted
Purpose	To provide users with important regulatory information about the area. This sign type is preferred over RG4.	To provide users with important regulatory information about the area.	To provide users with important regulatory information about the area. This is a tertiary sign type and is not preferred over RG.	To provide users with important regulatory information about the area.	To provide users with important regulatory information about the area.	To provide users with important regulatory information about the area. This is a tertiary sign type and is not preferred over PRG1 or PRG2.	To identify public toilets and provide users with information regarding contact services	To identify public toilets and provide users with information regarding contact services
Materiality	Aluminium painted in two pack poly mounted to timber post + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium painted in two pack poly + vinyl graphics Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium painted in two pack poly + vinyl graphics + clear coat graffiti film	Aluminium painted in two pack poly mounted to timber post + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium painted in two pack poly + vinyl graphics Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium painted in two pack poly + vinyl graphics + clear coat graffiti film	Aluminium painted in two pack poly + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium painted in two pack poly + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.
Location	At entrances or near entrances to facilities that require localised regulations	At narrow entrances or within open spaces that require localised regulations	Only to be used if Regulatory Totems are not suitable.	Within open spaces, at or near playground entrances that require localised regulations	Within open spaces, at or near playground entrances that require localised regulations	Only to be used if PRG1 and PRG2 are not suitable.	Located on public toilet buildings	Located on public toilet buildings

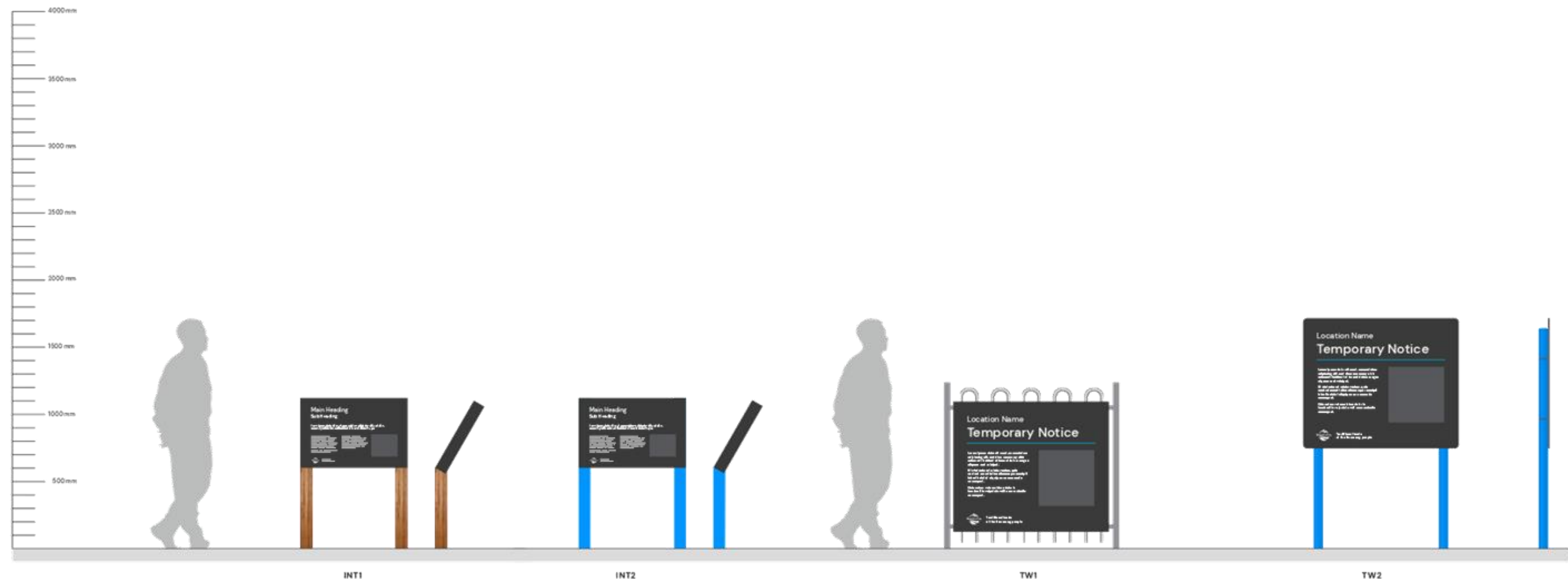
3 SIGNAGE TYPOLOGIES

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

40

Signage Typologies Temporary and Interpretive



Placement Diagram Symbol

Code	INT1	INT2	TW1	TW2
Name	Interpretive Sign (Timber)	Interpretive Sign (Painted Steel)	Temporary Works Signage	Temporary Works Signage
Functional Type	IF	IF	IF	IF
Installation	Freestanding	Freestanding	Fence mounted	Freestanding
Purpose	To provide users with site specific interpretive information to enhance awareness and communicate culture/nature stories about the sites history.	To provide users with site specific interpretive information to enhance awareness and communicate culture/nature stories about the sites history.	To provide users with information about temporary works been undertaken and regulations relevant to the site.	To provide users with information about temporary works been undertaken and regulations relevant to the site.
Materiality	Aluminium sign panel painted in two pack poly + mounted to timber or aluminium post painted in two pack poly + vinyl graphics + clear coat graffiti film Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.	Aluminium sign panel painted in two pack poly + mounted to timber or aluminium post painted in two pack poly + vinyl graphics + clear coat graffiti film Note: use vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area. Note: Consider use of vitreous enamel on panel if within 500m of the beach, or if in a prominent graffiti prone area.	Corflute (or similar material) or aluminium. Printed graphics direct to corflute Corflute is suitable for a short term solution. Aluminium is suitable for longer term solutions.	Corflute (or similar material) or aluminium. Printed graphics direct to corflute Corflute with galvanised poles is suitable for a short term solution. Aluminium with coloured poles is suitable for medium-longer term solutions.
Location	Placed at key historical or prominent locations. Timber is suited to coastal areas or natural bushlands.	Placed at key historical or prominent locations. Painted steel is more suited to urban areas.	At enclosures of temporary work sites	At enclosures of temporary work sites

Section 04

Signage Specifications

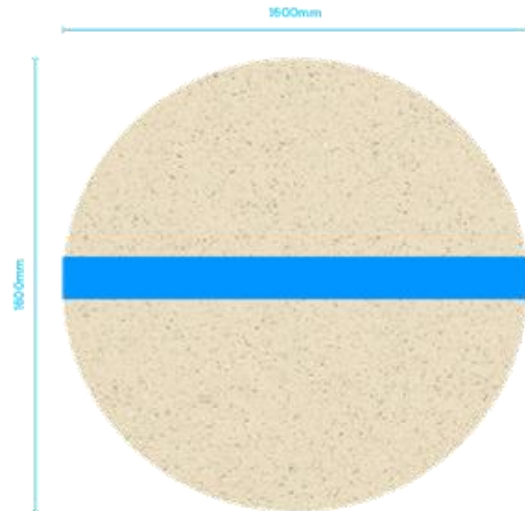
1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti-graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

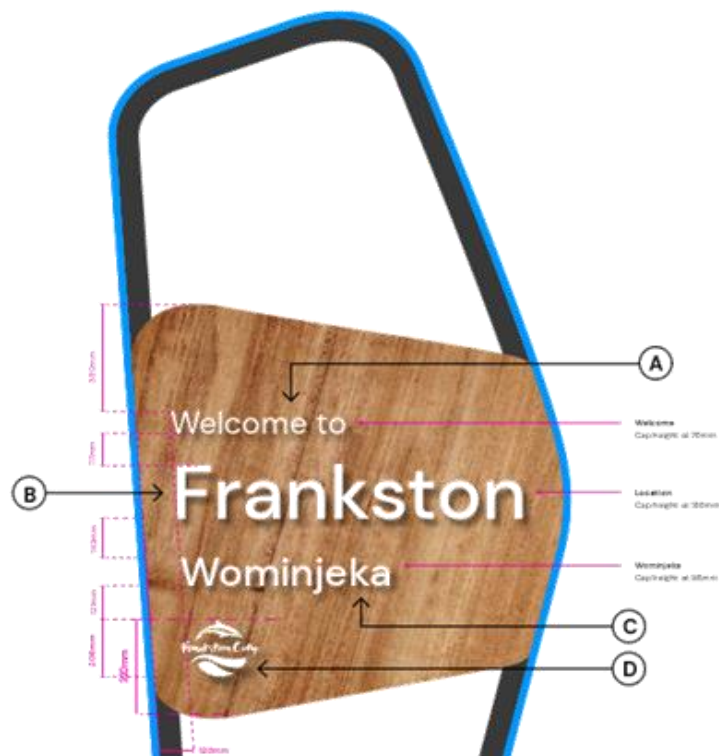
PRECEDENTS



VISUALISATION



PLAN



SIDE A



SIDE B

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

43

SIGN TYPE

PG
Primary Gateway

● GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans
Font Weight: Regular
Font Point Size: 310 pt

B.
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 750 pt

C.
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 400 pt

D.
Logo colour: White

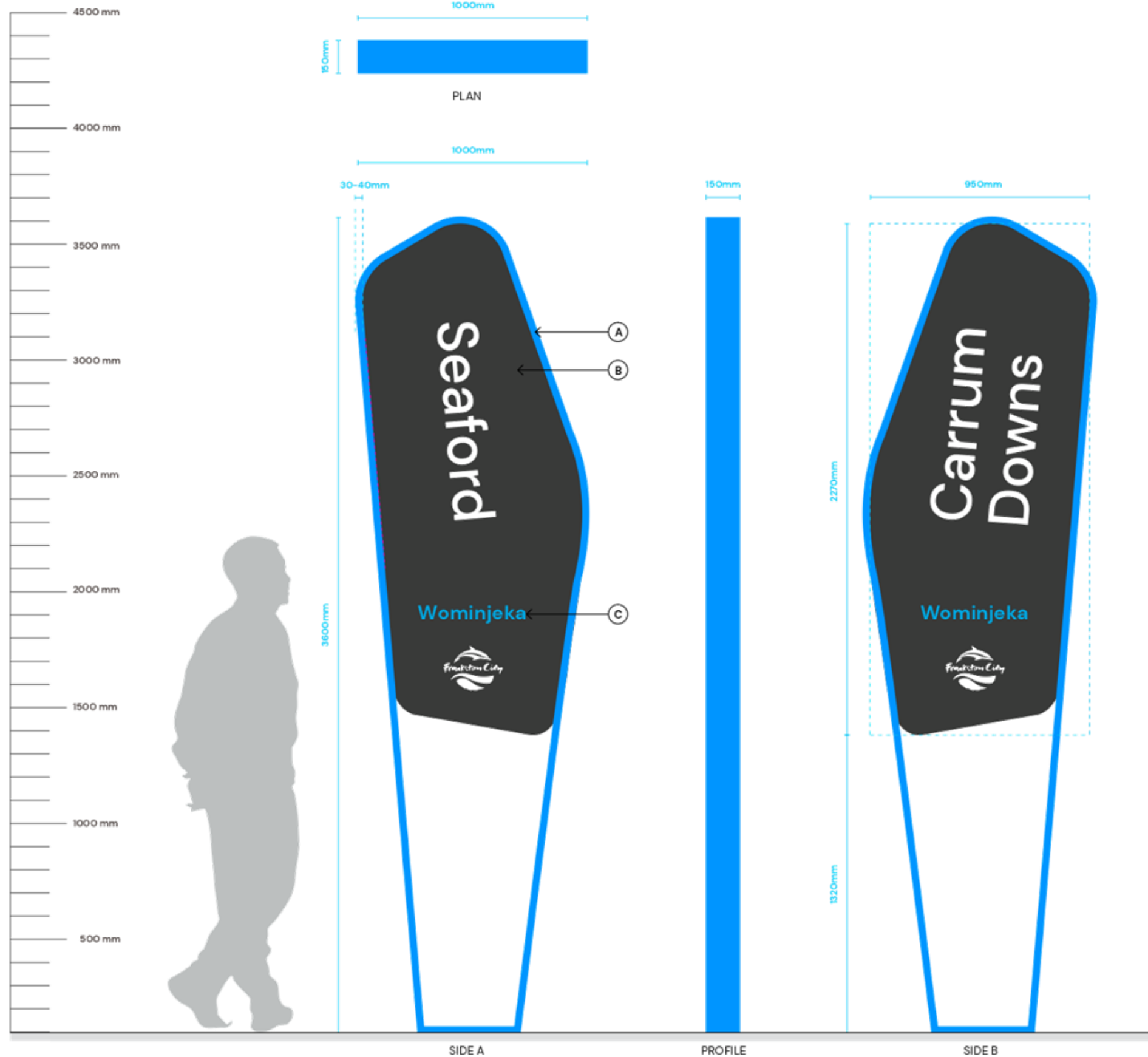
NOTES

Text is left aligned to the panel angle

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

44

SIGN TYPE

SG Secondary Gateway

TECHNICAL SPECIFICATIONS

- A. Frame: Galvanised steel frame structure painted to match selected colour. Frame width to be specified by manufacturer.
Colour: Dulux Water Raceway
- B. Sign Panel: 4mm aluminium sign panel painted in two-pack polyurethane.
Colour: Pantone 433C
- C. Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels

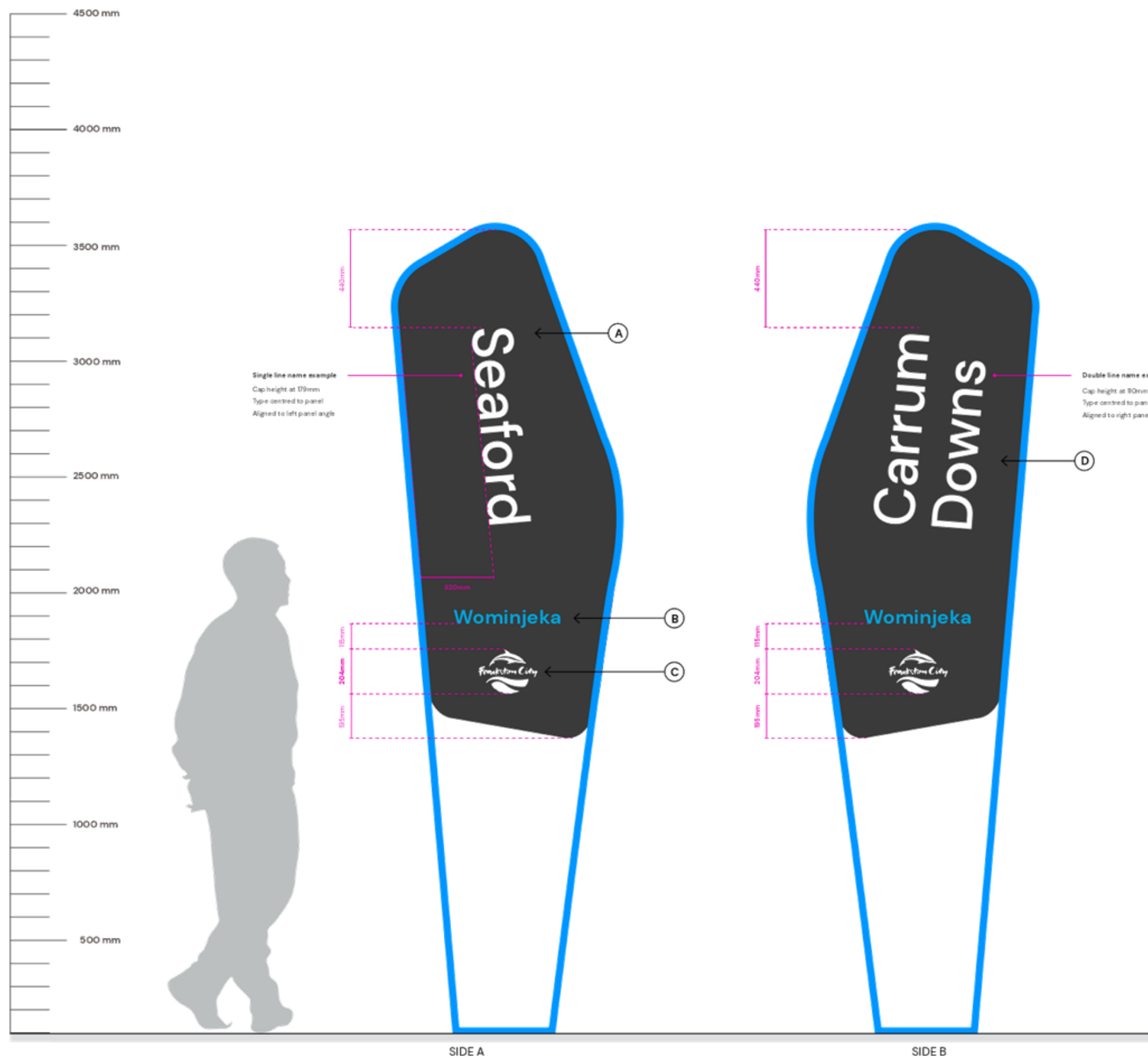
INSTALLATION

Mounting details indicative only.
Structure, fixings and footings to be prepared according to manufacturer's specifications.
Refer to Section 06 for Engineering Drawing

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

SG Secondary Gateway

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 700 pt
Type is centred to panel
Angled to straight edge of panel

B.
Type Colour: PMS 2995 C
Font: DM Sans
Font Weight: Bold
Font Point Size: 250 pt
Type centred to panel

C.
Logo colour: White
Centred to panel

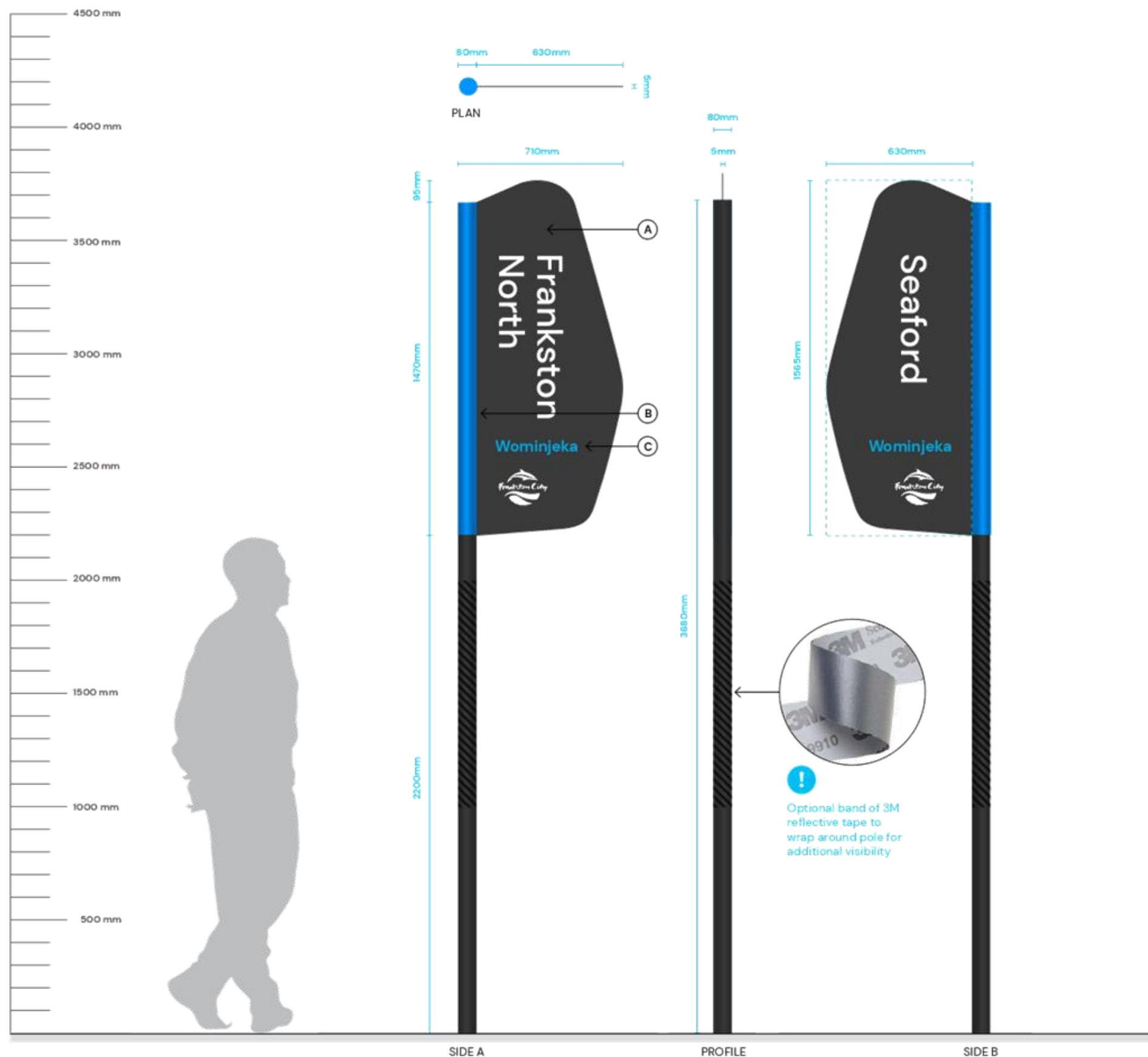
D.
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 700 pt
Leading: 720pt
Type is centred to panel
Angled to straight edge of panel

NOTES

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

ID1 Vehicular Identification

TECHNICAL SPECIFICATIONS

- A.** Sign Panel: 5mm aluminium sign panel painted in two-pack polyurethane
Colour: Pantone 433C
- B.** Pole: Standard 70mm or 80mm galvanised pole for new poles. Retrofit existing poles where possible. Pole painted in two-pack polyurethane
- Pole slotted into socket mounting system and cast into concrete footing. Engineers to specify footing details and socket type
Colour 1: Pantone 433C
Colour 2: Dulux Water Raceway
- C.** Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels

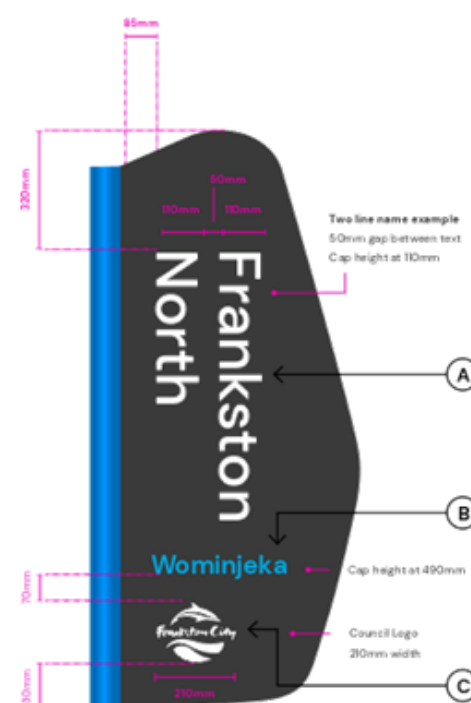
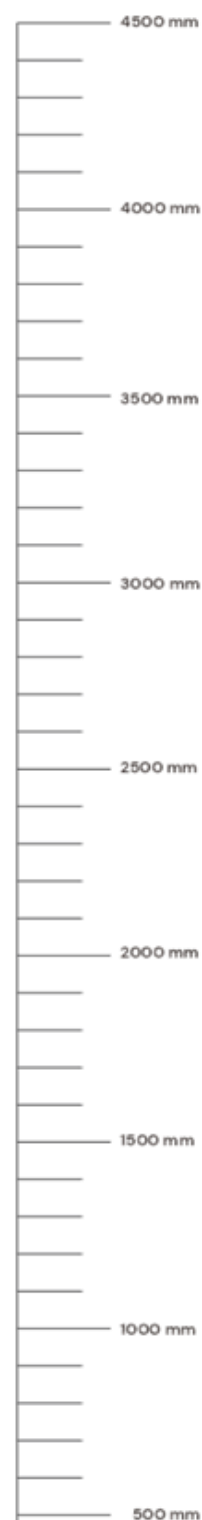
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications. Refer to Section 06 for Engineering Drawing

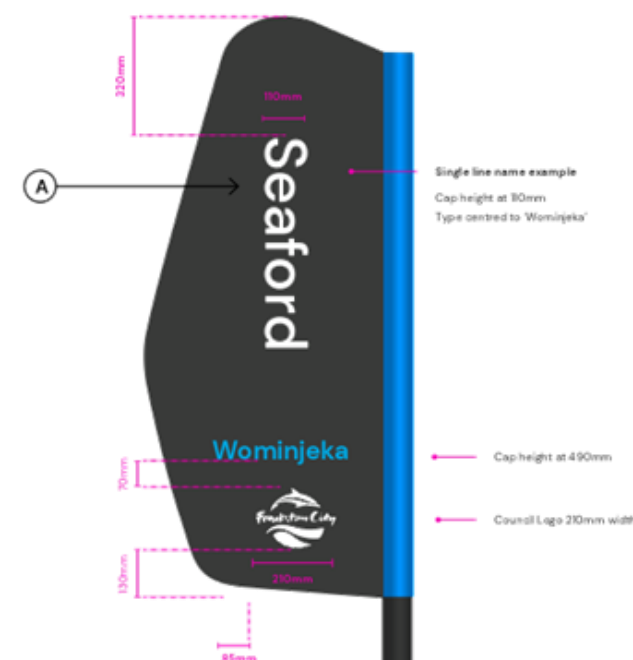
- All measurements are in millimetres.
- Mounting details indicative only, to be reviewed by signage contractor.
- All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
- All fixings to be concealed, fixings should not overlap with artwork.
- All outdoor signage should have clear UV and anti graffiti coating.
- All signage to have clear protective coating (satin) unless otherwise specified.
- Structure and fixings subject to contractors engineering specifications.
- Anti-theft bolts / screws to be specified by signage contractor.
- ASPECT Studios to review and approve all drawings prior to manufacturing.
- Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A



SIDE B

SIGN TYPE

ID1 Vehicular Identification

GRAPHIC SPECIFICATIONS

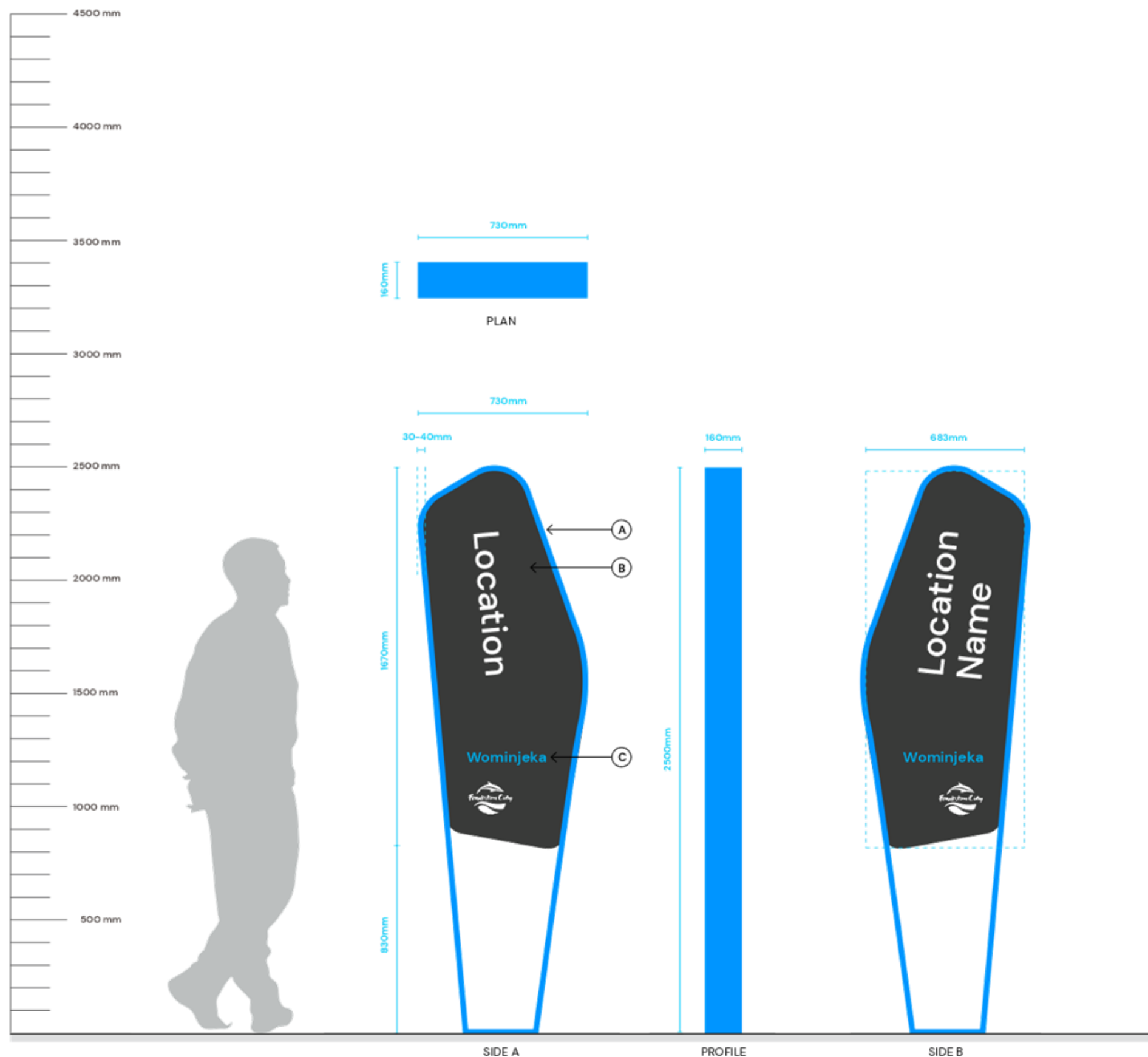
- A.**
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 450 pt
Font Leading: 470 pt
Type aligned to straight edge of panel
- B.**
Type Colour: PMS 2995 C
Font: DM Sans
Font Weight: Bold
Font Point Size: 190 pt
Type centred to panel
- C.**
Logo colour: White
Aligned to straight edge of panel
- D.**
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 450 pt
Type is centred to panel

NOTES

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

ID2 Primary Site Identification

TECHNICAL SPECIFICATIONS

- A.
Frame: Galvanised steel frame structure painted to match selected colour. Frame width to be specified by manufacturer.
Colour: Dulux Water Raceway
- B.
Sign Panel: 4mm aluminium sign panel painted in two-pack polyurethane.
Colour: Pantone 433C
- C.
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels

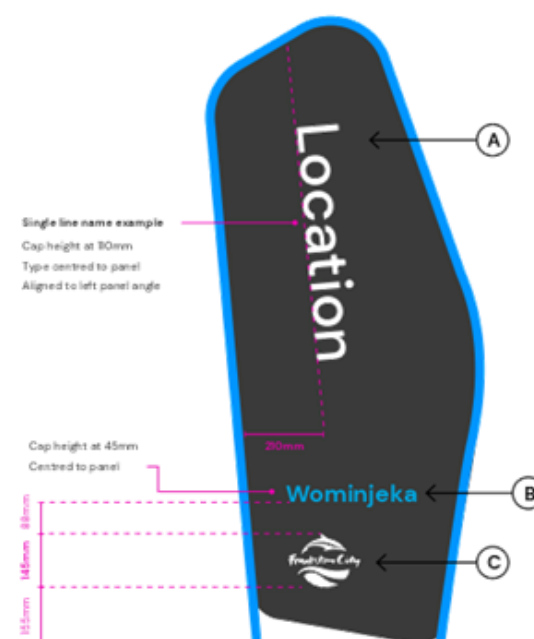
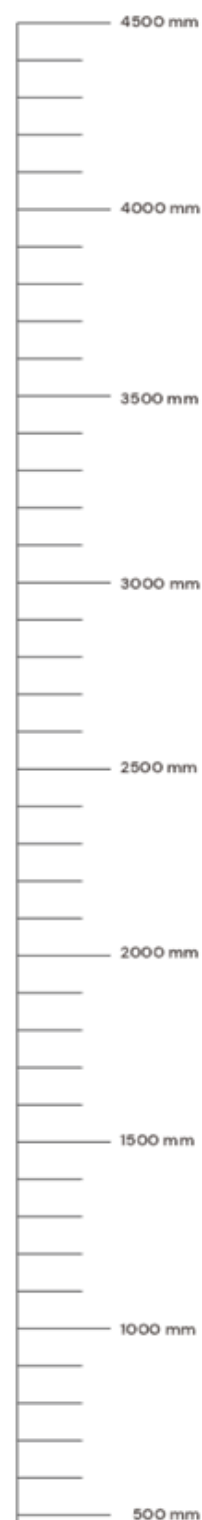
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

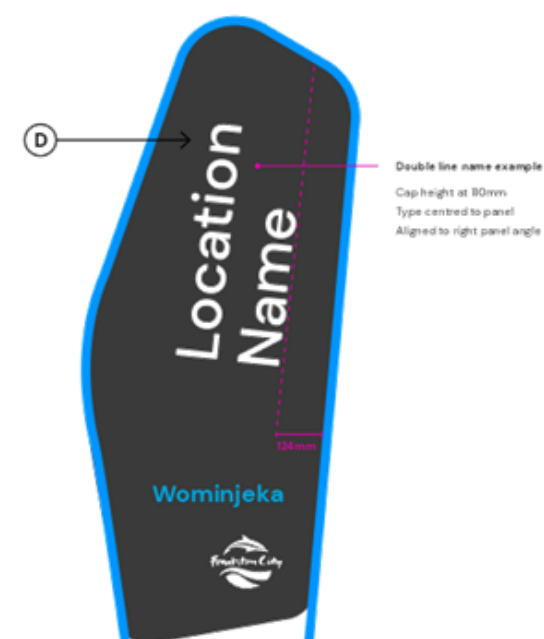
1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A



SIDE B

SIGN TYPE

ID2 Primary Site Identification

GRAPHIC SPECIFICATIONS

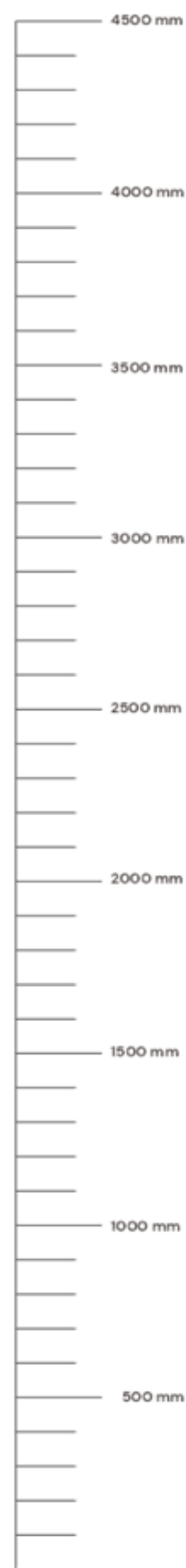
- A.**
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 450 pt
Type is centred to panel
Angle aligned to straight edge of panel
- B.**
Type Colour: PMS 2995 C
Font: DM Sans
Font Weight: Bold
Font Point Size: 183 pt
Type centred to panel
- C.**
Logo colour: White
Aligned to straight edge of panel
- D.**
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 450 pt
Leading: 470 pt
Angle aligned to straight edge of panel

NOTES

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



PLAN



SIDE A



PROFILE



SIDE B

SIGN TYPE

ID3 Site Vehicular Identification

TECHNICAL SPECIFICATIONS

- A.
Frame: Galvanised steel frame structure painted to match selected colour. Frame width to be specified by manufacturer.
Colour: Pantone 433C
- B.
Sign Panel: 4mm aluminium sign panel painted in two-pack polyurethane.
Colour: Pantone 433C
- C.
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- D.
Timber slat panel base (class 1 hardwood timber or similar). Material to be reviewed by signage contractor

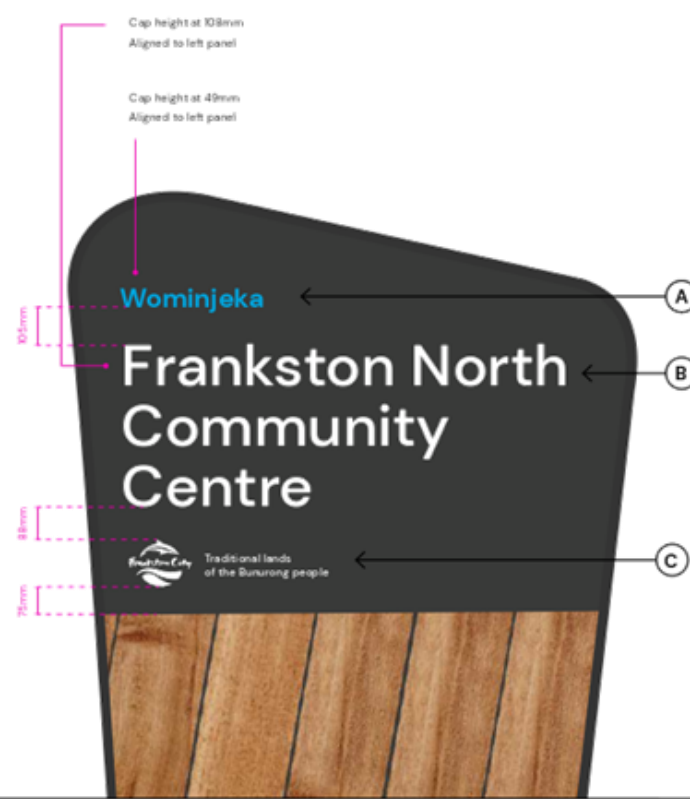
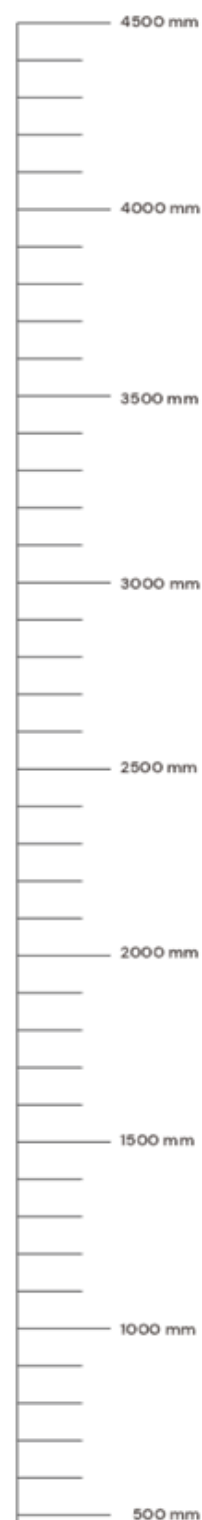
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A



SIDE B

SIGN TYPE

ID3 Site Vehicular Identification

GRAPHIC SPECIFICATIONS

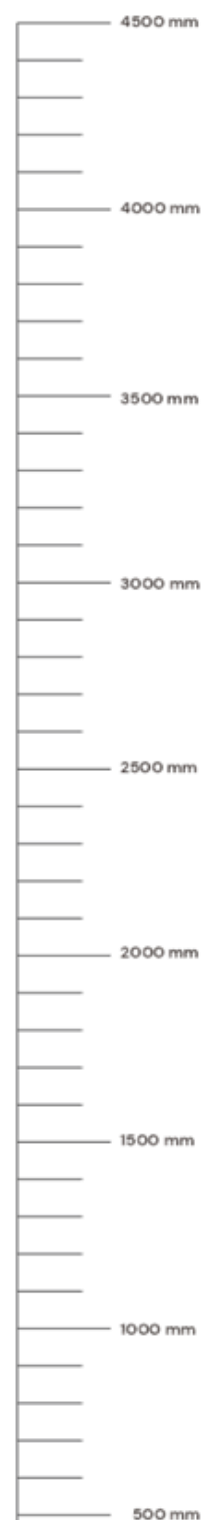
- A.**
Type Colour: PMS 2995 C
Font: DM Sans
Font Weight: Bold
Font Point Size: 200 pt
Angle aligned to left edge of panel
- B.**
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 440 pt
Leading: 460 pt
Angle aligned to left edge of panel
- C.**
Logo colour: White
Angle aligned to left edge of panel
- D.**
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 440 pt
Leading: 460 pt
Angle aligned to straight edge of panel

NOTES

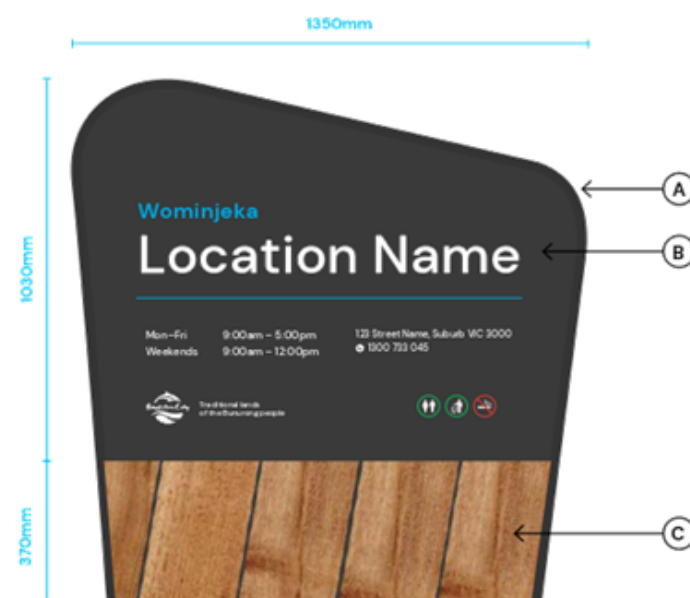
All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

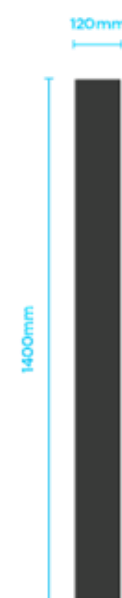
PRECEDENTS



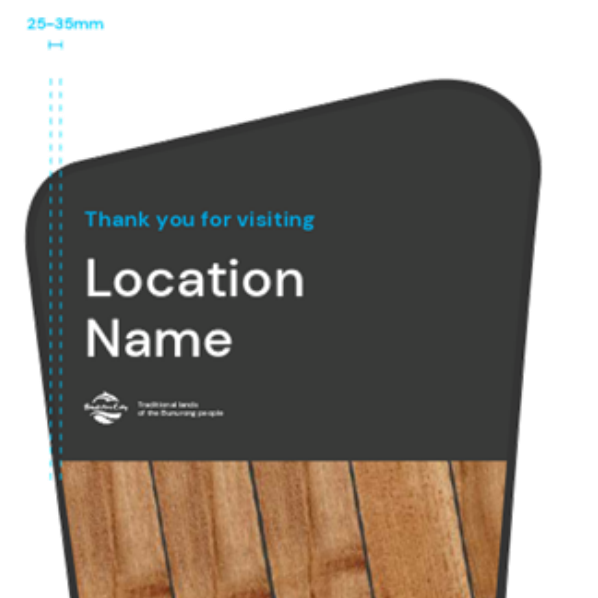
PLAN



SIDE A



PROFILE



SIDE B

SIGN TYPE

ID4 Site Identification

TECHNICAL SPECIFICATIONS

- A.
Frame: Galvanised steel frame structure painted to match selected colour. Frame width to be specified by manufacturer.
Colour: Pantone 433C
- B.
Sign Panel: 4mm aluminium sign panel painted in two-pack polyurethane.
Colour: Pantone 433C
- C.
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- D.
Timber slat panel base (class 1 hardwood timber or similar). Material to be reviewed by signage contractor

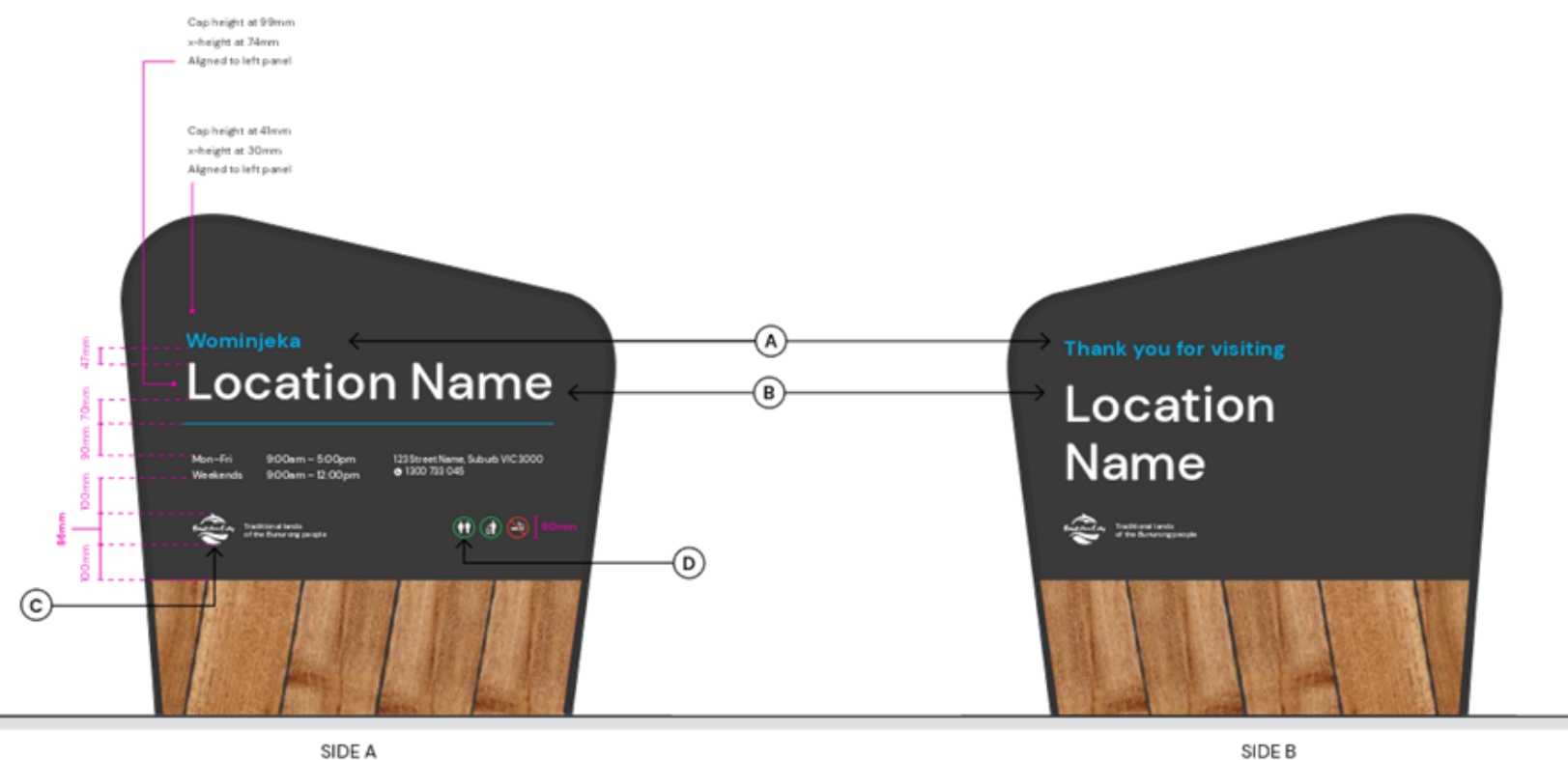
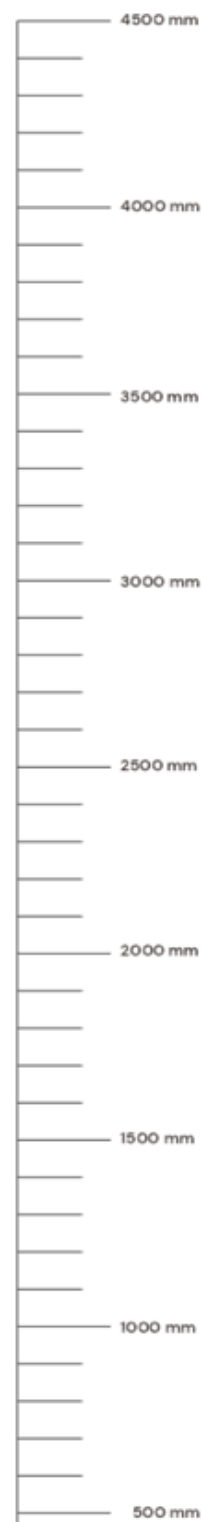
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
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5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

ID4 Site Identification

GRAPHIC SPECIFICATIONS

A.
Type Colour: PMS 2995 C
Font: DM Sans
Font Weight: Bold
Font Point Size: 167 pt
Angle aligned to left edge of panel

B.
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 400 pt
Leading: 460 pt
Angle aligned to left edge of panel

C.
Logo colour: White
Angle aligned to left edge of panel

D.
Regulatory information if needed
See visual component section
for more information

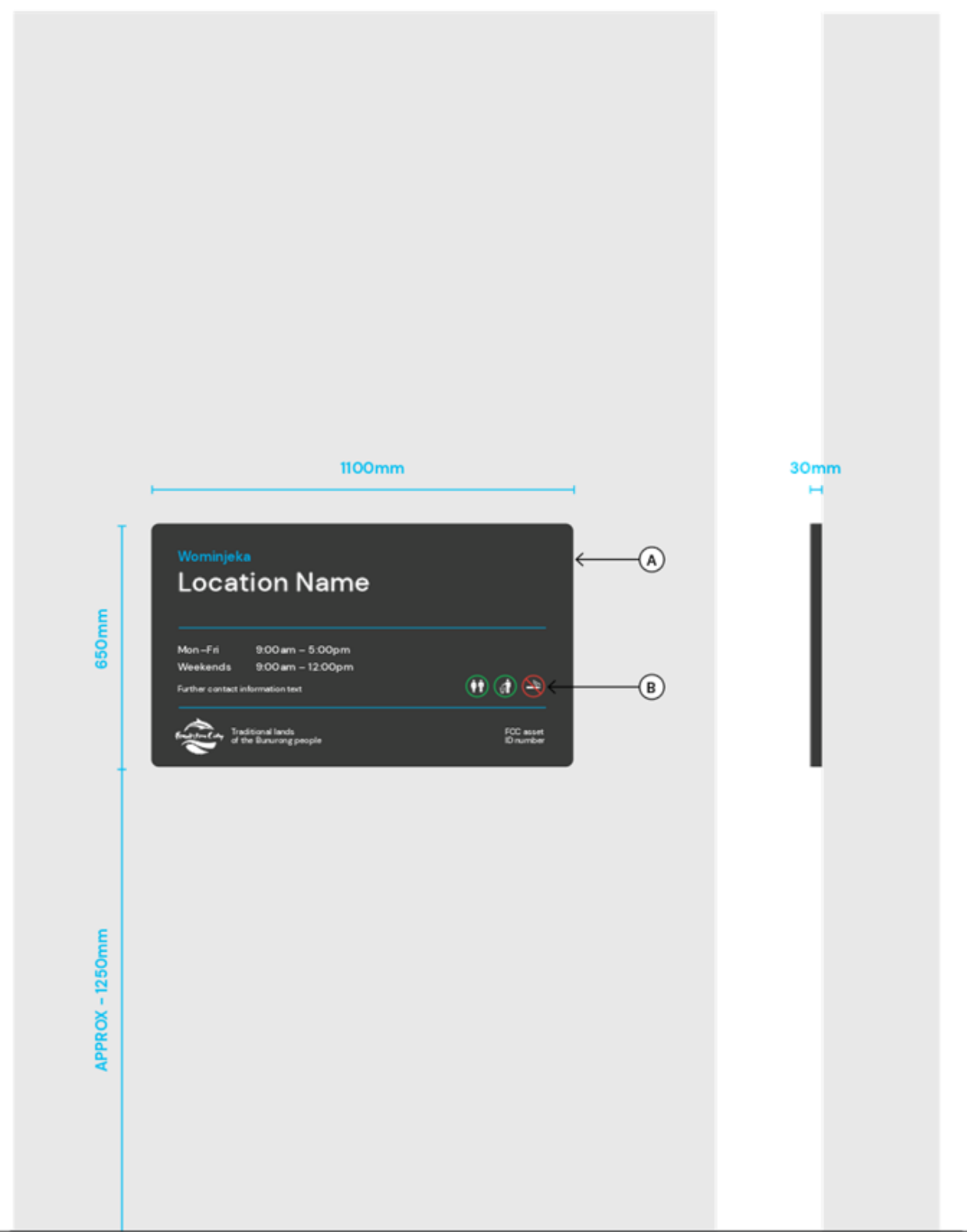
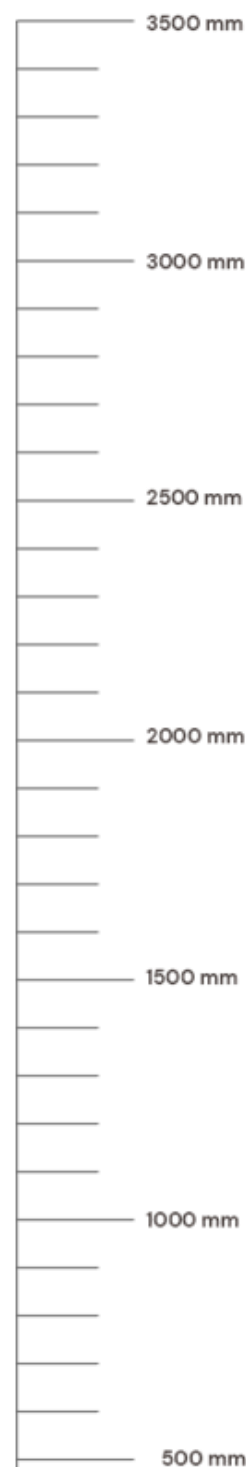
NOTES

Dividing line to be used if needed
Line Colour: PMS 2995 C
Stroke weight: 5 pt

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

PROFILE

SIGN TYPE

BID1 Facility Identification (Wall Mounted)

TECHNICAL SPECIFICATIONS

- A.**
Sign Panel: 30mm thick folded aluminium painted in two-pack polyurethane
Colour: Pantone 433C
Finish: Matte
- B.**
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels

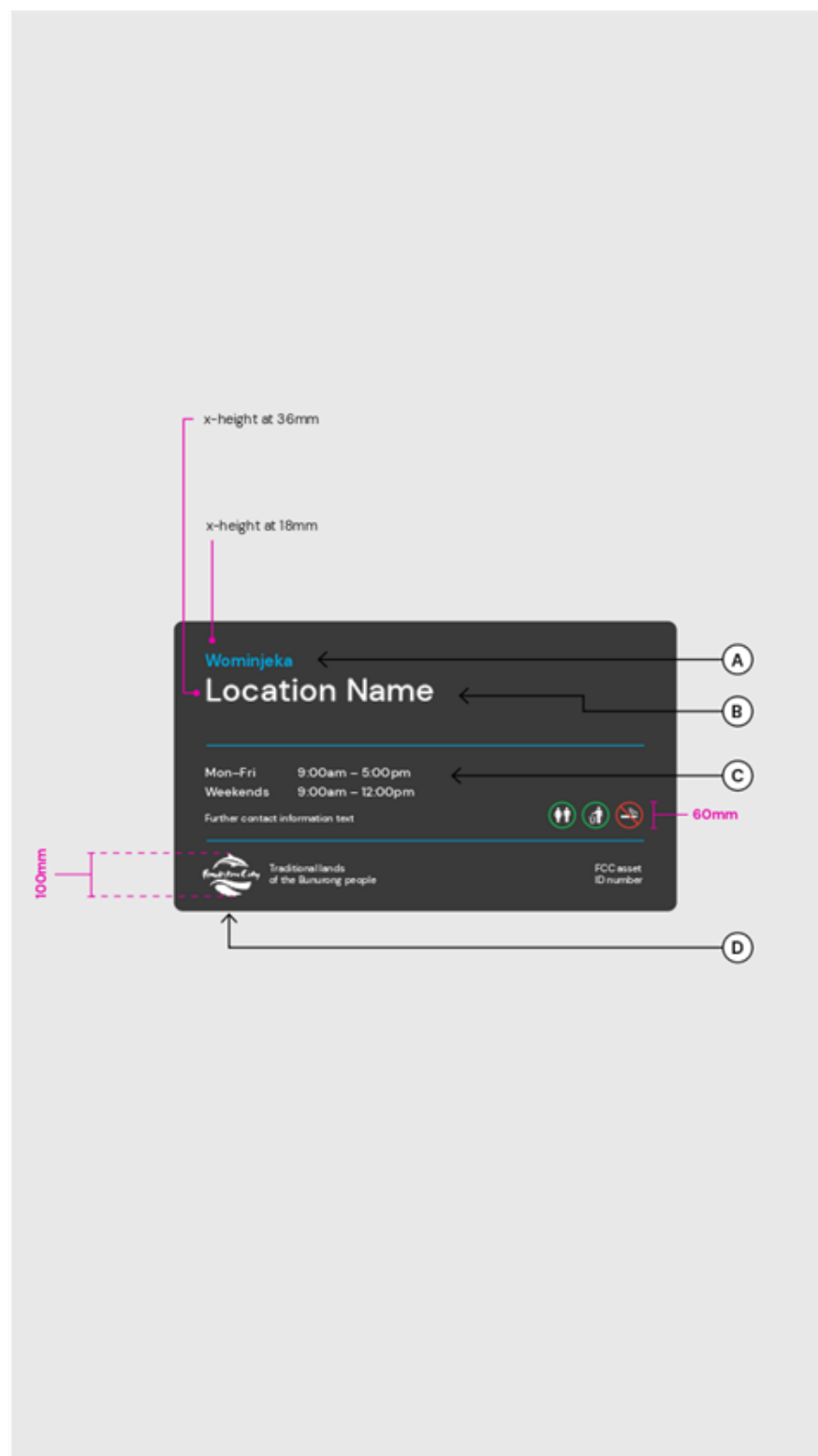
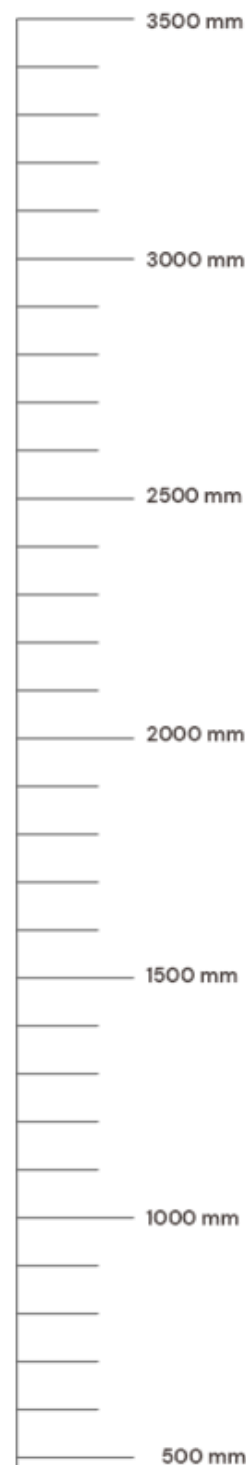
INSTALLATION

Mounting details indicative only.
Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
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6. All signage to have clear protective coating (satin) unless otherwise specified.
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8. Anti-theft bolts / screws to be specified by signage contractor.
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10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

55

SIGN TYPE

BID1 Facility Identification (Wall Mounted)

GRAPHIC SPECIFICATIONS

A.
Type Colour: PMS 2995 C
Font: DM Sans
Font Weight: Bold
Font Point Size: 100 pt
Angle aligned to left of panel

B.
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 200 pt
Leading: 230 pt
Angle aligned to left edge of panel

C.
Location information section.
Content to vary as required.

Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 80 pt
Leading: 100 pt

Regulatory information if needed
– see visual component section
for more information.

D.
Logo colour: White
Angle aligned to left edge of panel

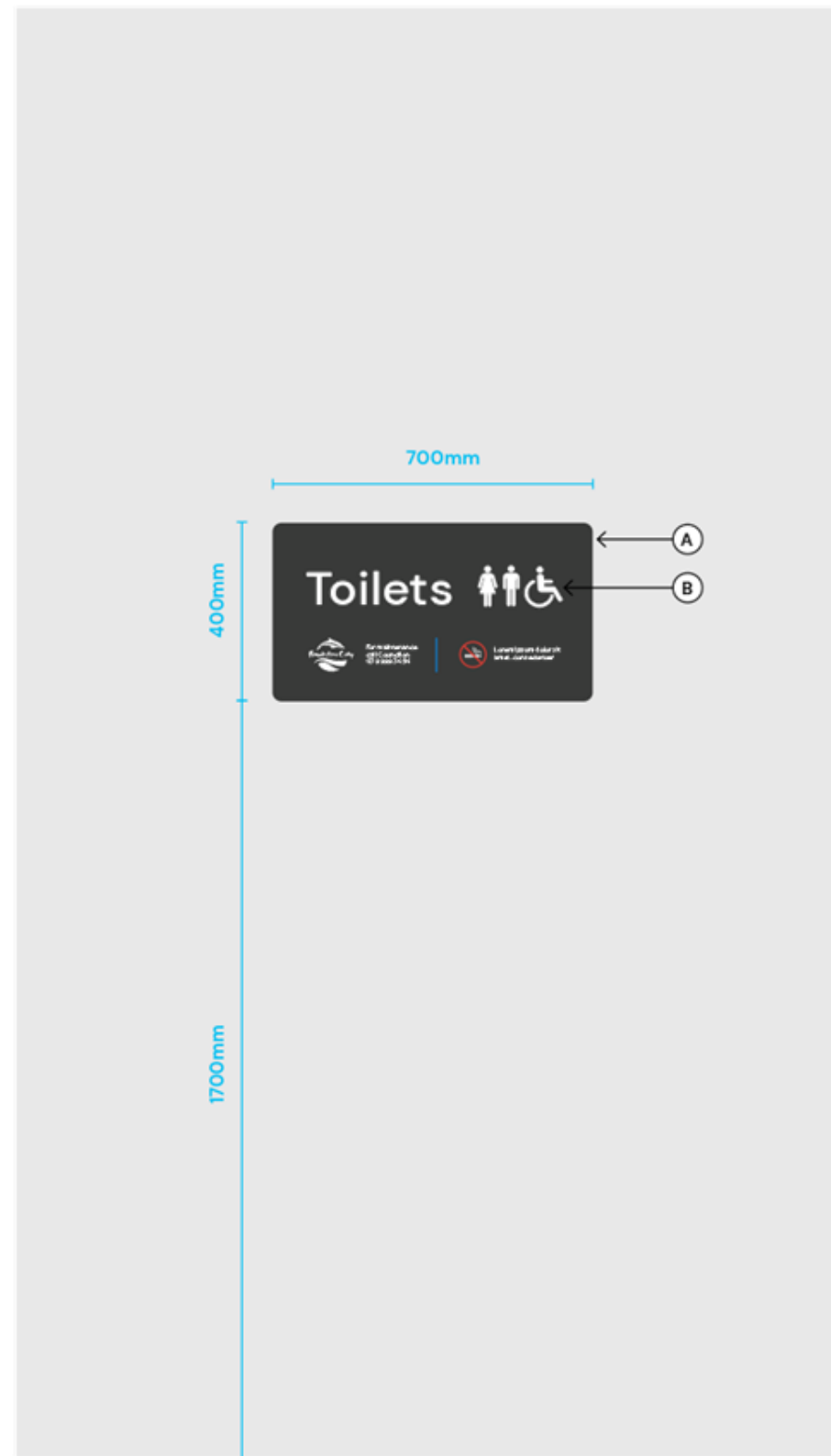
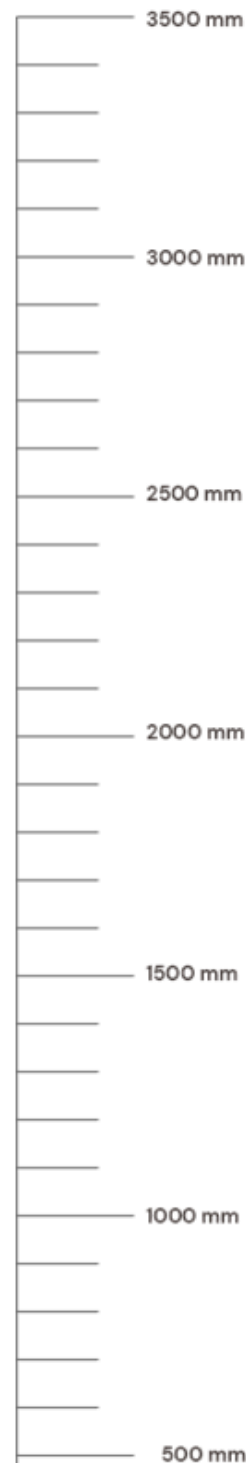
NOTES

Dividing line to be used if needed
Line Colour: PMS 2995 C
Stroke weight: 2.5 pt

All measurements are in millimetres.

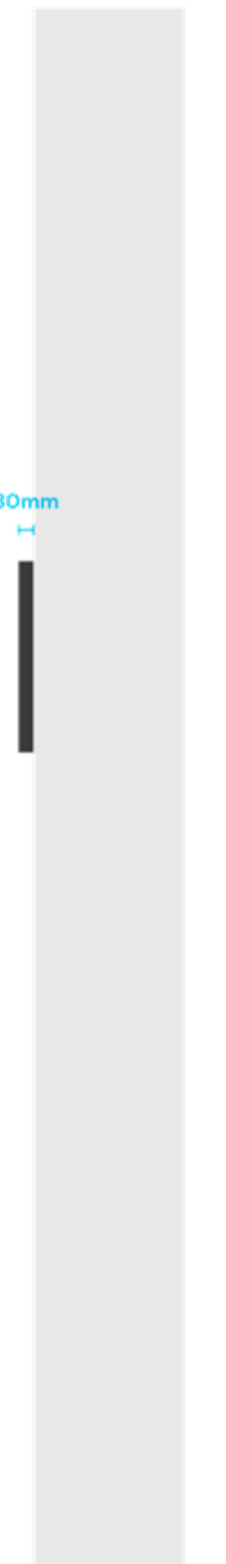
4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

30mm



PROFILE

SIGN TYPE

PT1 Toilet Sign

TECHNICAL SPECIFICATIONS

- A.**
Sign Panel: 30mm thick folded aluminium painted in two-pack polyurethane
Colour: Pantone 433C
Finish: Matte
- B.**
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels

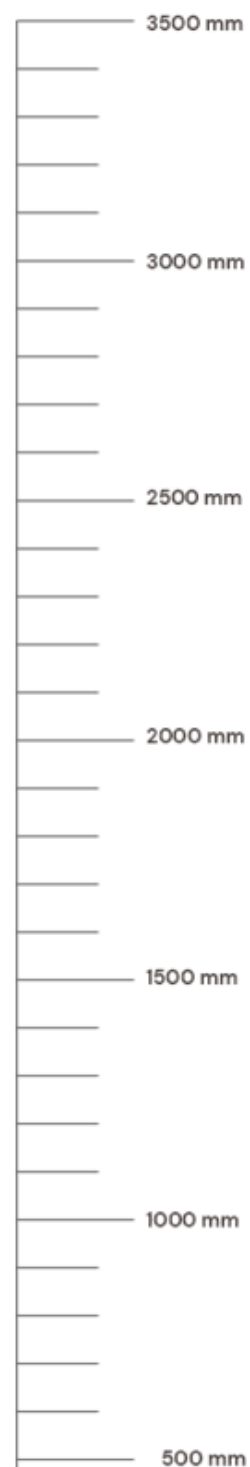
INSTALLATION

Mounting details indicative only.
Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

PROFILE

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

57

SIGN TYPE

PT1 Toilet Sign

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 300 pt
Angle aligned to left of panel

Icon Colour: White

B.
Logo colour: White
Angle aligned to left edge of panel

C.
Regulatory information if required
– see visual component section
for more information.

Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 40 pt
Leading: 50 pt

NOTES

Dividing line to be used if needed
Line Colour: PMS 2995 C
Stroke weight: 2.5 pt

All measurements are in millimetres.

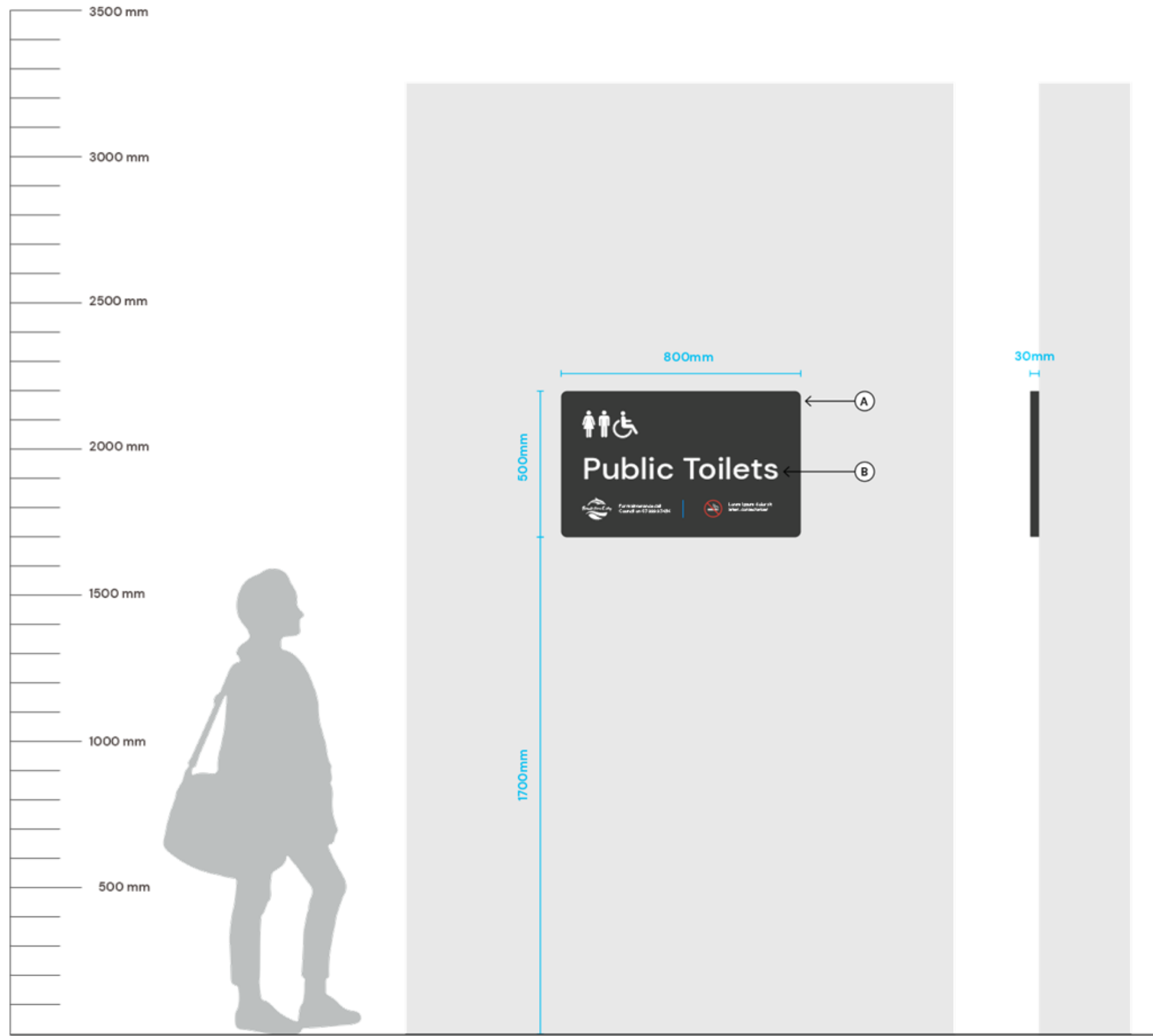
4 SIGNAGE SPECIFICATIONS

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

58

PRECEDENTS



SIDE A

PROFILE

SIGN TYPE

PT2
Toilet Sign 02

TECHNICAL SPECIFICATIONS

- A.
Sign Panel: 30mm thick folded aluminium painted in two-pack polyurethane
Colour: Pantone 433C
Finish: Matte
- B.
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels

INSTALLATION

Mounting details indicative only.
Structure, fixings and footings to be prepared according to manufacturer's specifications

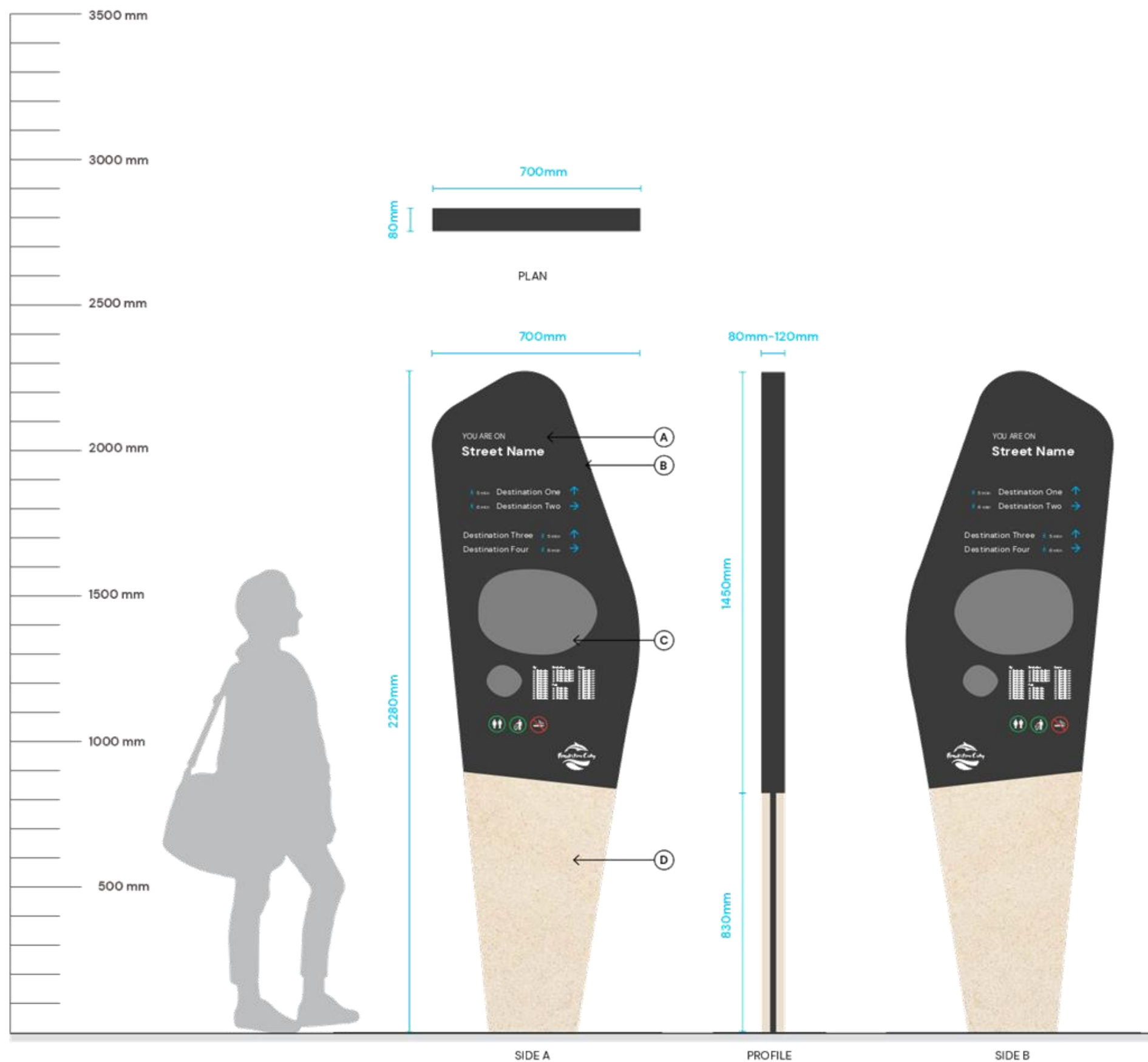
NOTES

- FOR GRAPHIC SPECIFICATIONS
SEE PT1

1. All measurements are in millimetres.
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3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

IF1 Large Urban Mapped Plinth (Concrete)

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B. External Edge: 3mm Aluminium painted in two-pack polyurethane
Colour: Pantone 433C
Finish: Matte
- C. Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- D. Concrete (sandy finish) base. Material to be reviewed by signage contractor

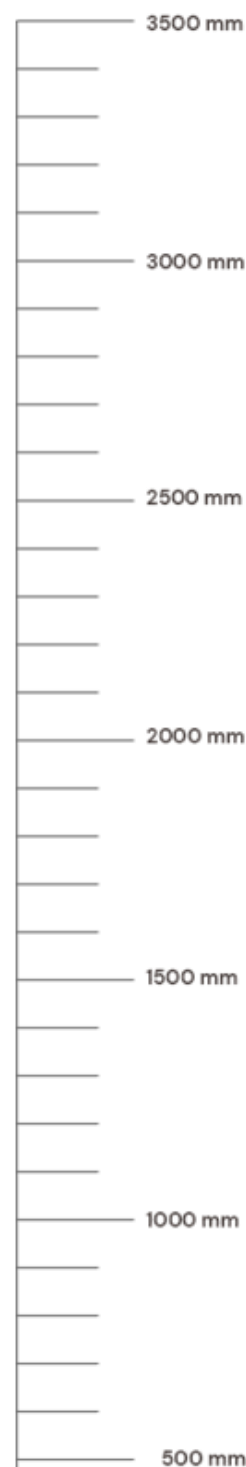
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
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5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



x-height at 22mm
Text aligned to the left
Aligned to left panel angle

x-height at 14mm
Text aligned to the left

300mm
110mm
60mm

YOU ARE ON
Street Name

Destination One
Destination Two

Destination Three
Destination Four

127mm

SIDE A



SIDE B

SIGN TYPE

IF1 Large Urban Mapped Plinth (Concrete)

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans

'You Are On' Font Weight: Regular
'You Are On' Font Size: 70 pt

Location Font Weight: Bold
Location Font Size: 130 pt

Angle aligned to left side panel

B.
Type Colour: White
Font: DM Sans
Font Weight: Regular

Destination Font Size: 80 pt
Destination Font Leading: 90 pt

Time Font Size: 45 pt

Icon & Arrow Colour: PMS 2995 C

C.
Mapping
Heads up map: 400mm width
Precinct Map: 119mm width

Type Colour: White
Font: DM Sans
Font Size: 20 pt

D.
Regulatory information if required
– see visual component section
for more information.

E.
Logo colour: White

NOTES

'You Are On' Font – All Caps

Time and Destination location
aligned at baseline

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

IF1 Large Urban Mapped Plinth (Timber)

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B. External Edge: 3mm Aluminium painted in two-pack polyurethane
Colour: Pantone 433C
Finish: Matte
- C. Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- D. Timber slat panel base (class 1 hardwood timber or similar). Material to be reviewed by signage contractor

INSTALLATION

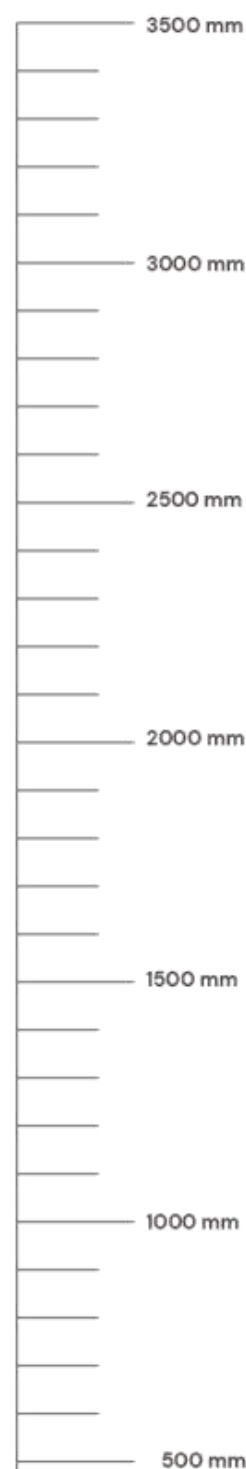
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

FOR GRAPHIC SPECIFICATIONS SEE IF1 (CONCRETE)

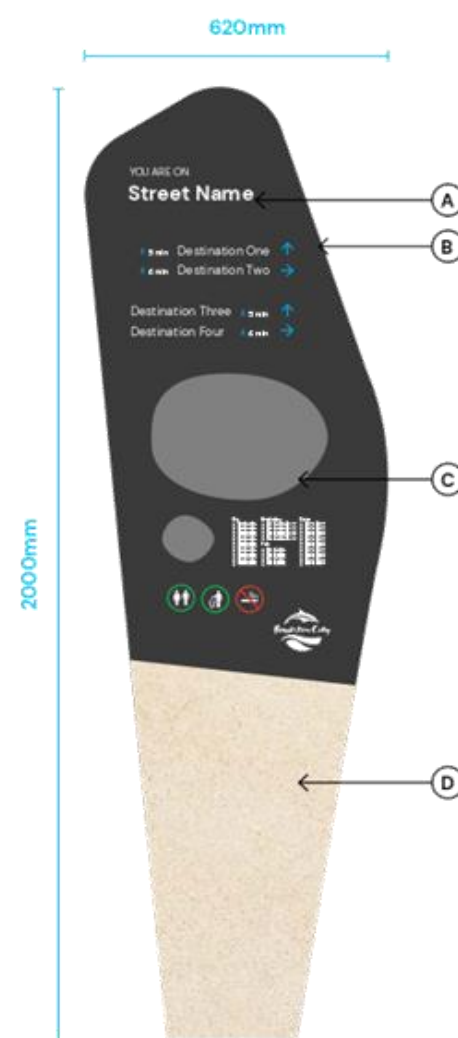
1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

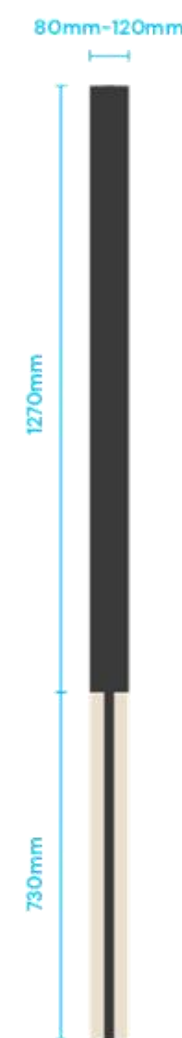
PRECEDENTS



PLAN



SIDE A



PROFILE



SIDE B

SIGN TYPE

IF2 Small Urban Mapped Plinth (Concrete)

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B. External Edge: 3mm Aluminium painted in two-pack polyurethane
Colour: Pantone 433C
Finish: Matte
- C. Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- D. Concrete (sandy finish) base. Material to be reviewed by signage contractor

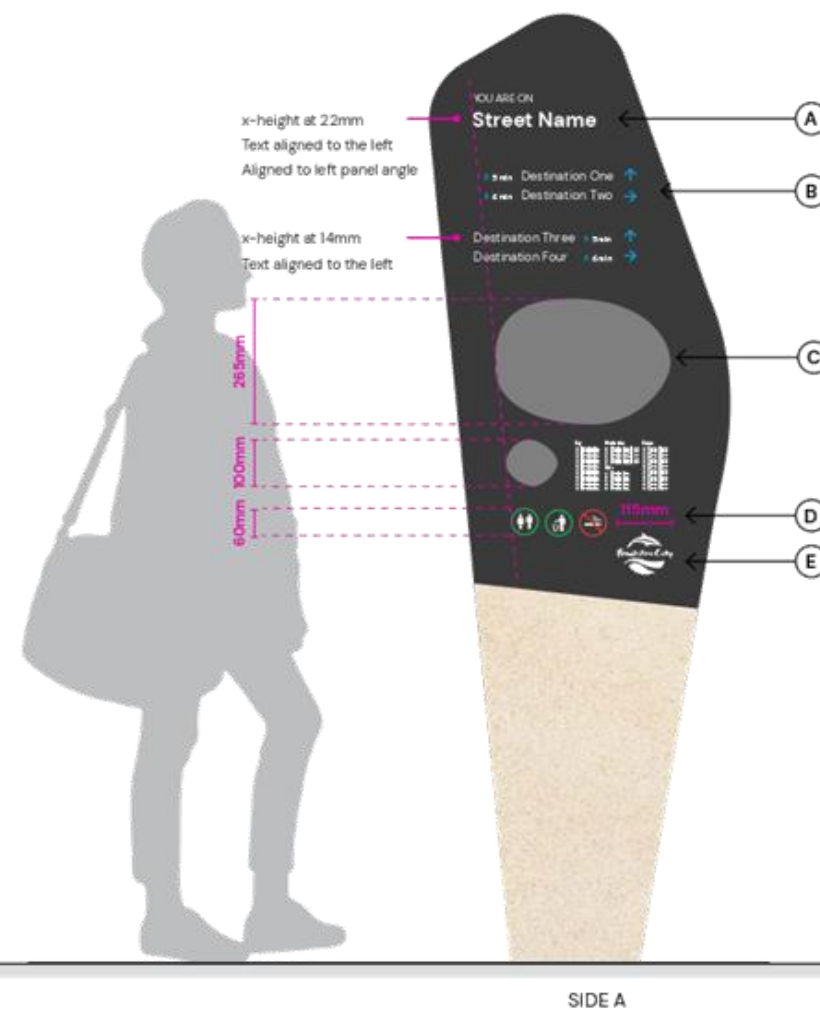
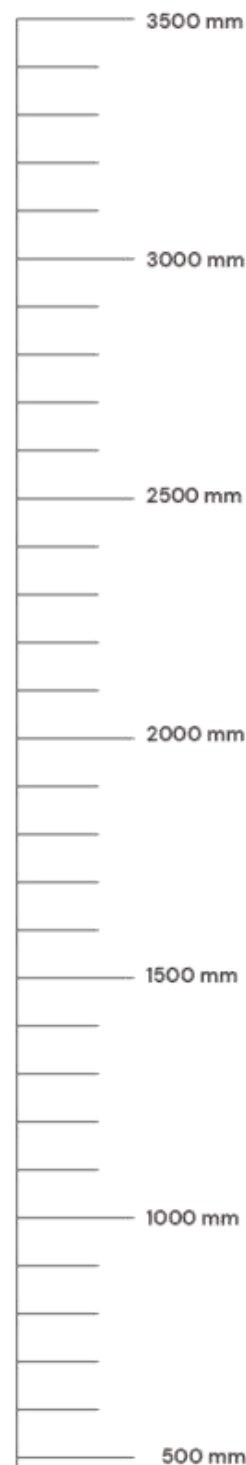
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

IF2 Small Urban Mapped Plinth (Concrete)

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans

'You Are On' Font Weight: Regular
'You Are On' Font Size: 60 pt

Location Font Weight: Bold
Location Font Size: 120 pt

Angle aligned to left side panel

B.
Type Colour: White
Font: DM Sans
Font Weight: Regular

Destination Font Size: 70 pt
Destination Font Leading: 78 pt

Time Font Size: 40 pt

Icon & Arrow Colour: PMS 2995 C

C.
Mapping
Heads up map: 360mm width
Precinct Map: 106mm width

Type Colour: White
Font: DM Sans
Font Size: 20 pt

D.
Regulatory information if required
– see visual component section
for more information.

E.
Logo colour: White

NOTES

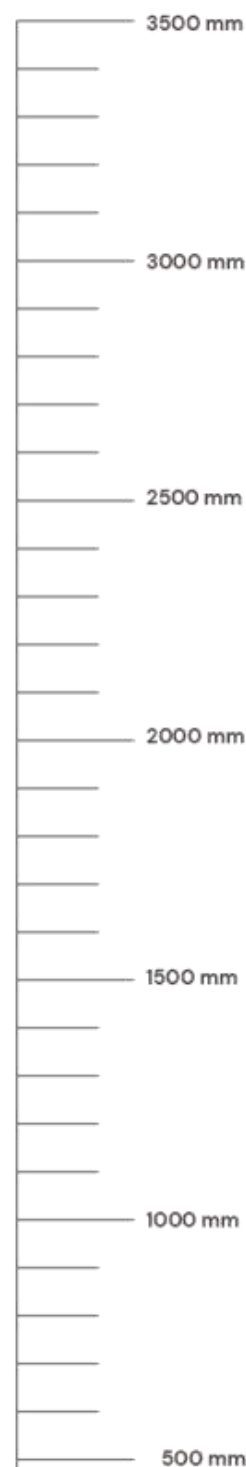
'You Are On' Font – All Caps

Time and Destination location
aligned at baseline

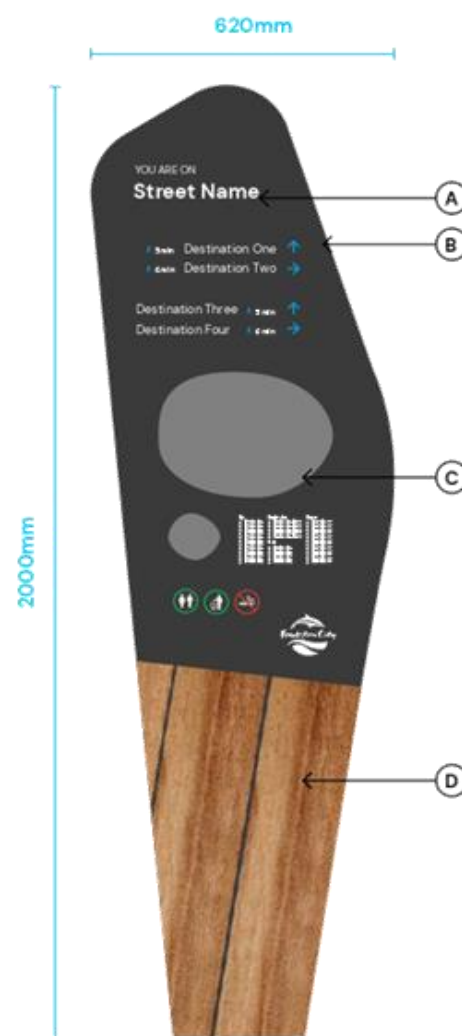
All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

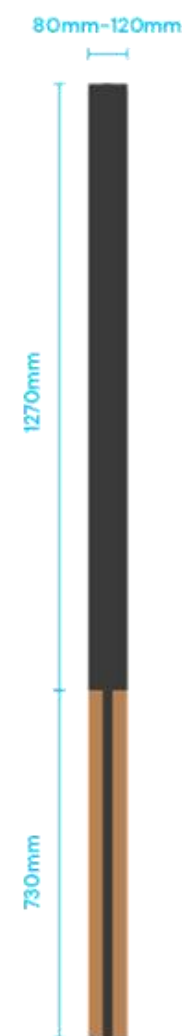
PRECEDENTS



PLAN



SIDE A



PROFILE



SIDE B

SIGN TYPE

IF2 Small Urban Mapped Plinth (Timber)

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B. External Edge: 3mm Aluminium painted in two-pack polyurethane
Colour: Pantone 433C
Finish: Matte
- C. Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- D. Timber slat panel base (class 1 hardwood timber or similar). Material to be reviewed by signage contractor

INSTALLATION

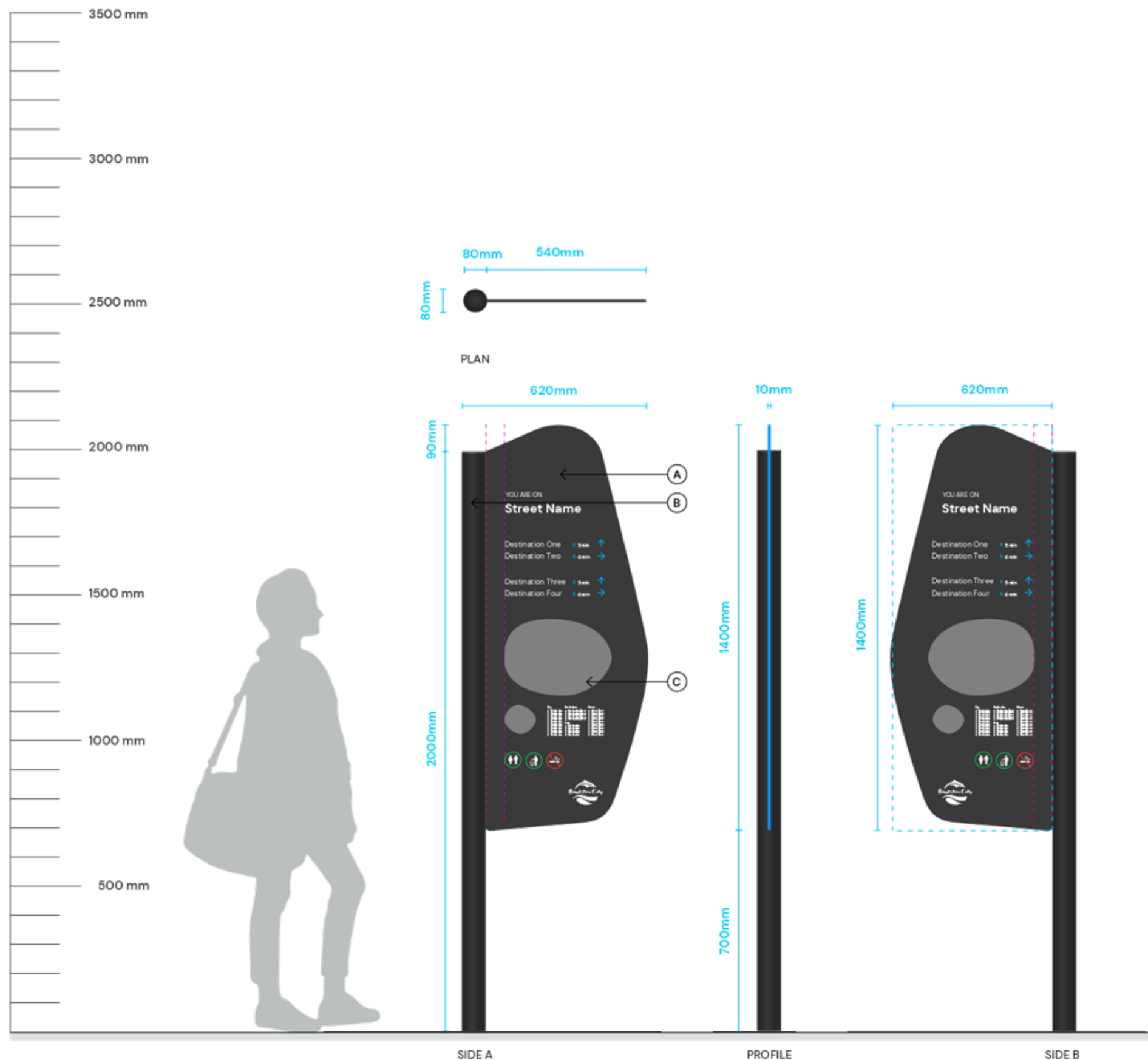
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

FOR GRAPHIC SPECIFICATIONS SEE IF2 (CONCRETE)

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

IF3 Low Cost Mapped Plinth

TECHNICAL SPECIFICATIONS

- A.**
Sign Panel: 10mm aluminium sign panel painted in two-pack polyurethane
Colour: Pantone 433C
- B.**
Sign Panel External Edge: Painted in two-pack polyurethane
Colour: Dulux Water Raceway
- C.**
Pole: Standard 70mm or 80mm galvanised pole for new poles. Retrofit existing poles where possible. Pole painted in two-pack polyurethane
- Pole slotted into socket mounting system and cast into concrete footing. Engineers to specify footing details and socket type
Colour: Pantone 433C
- D.**
Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels

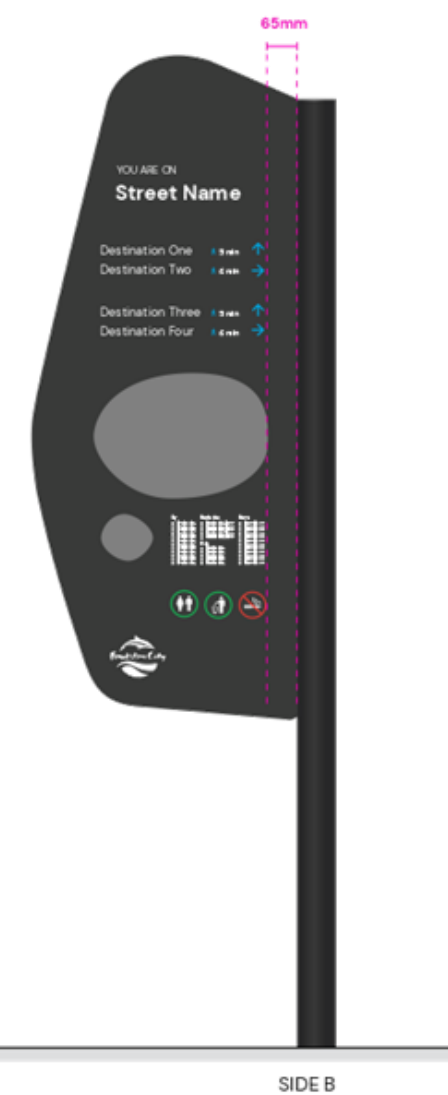
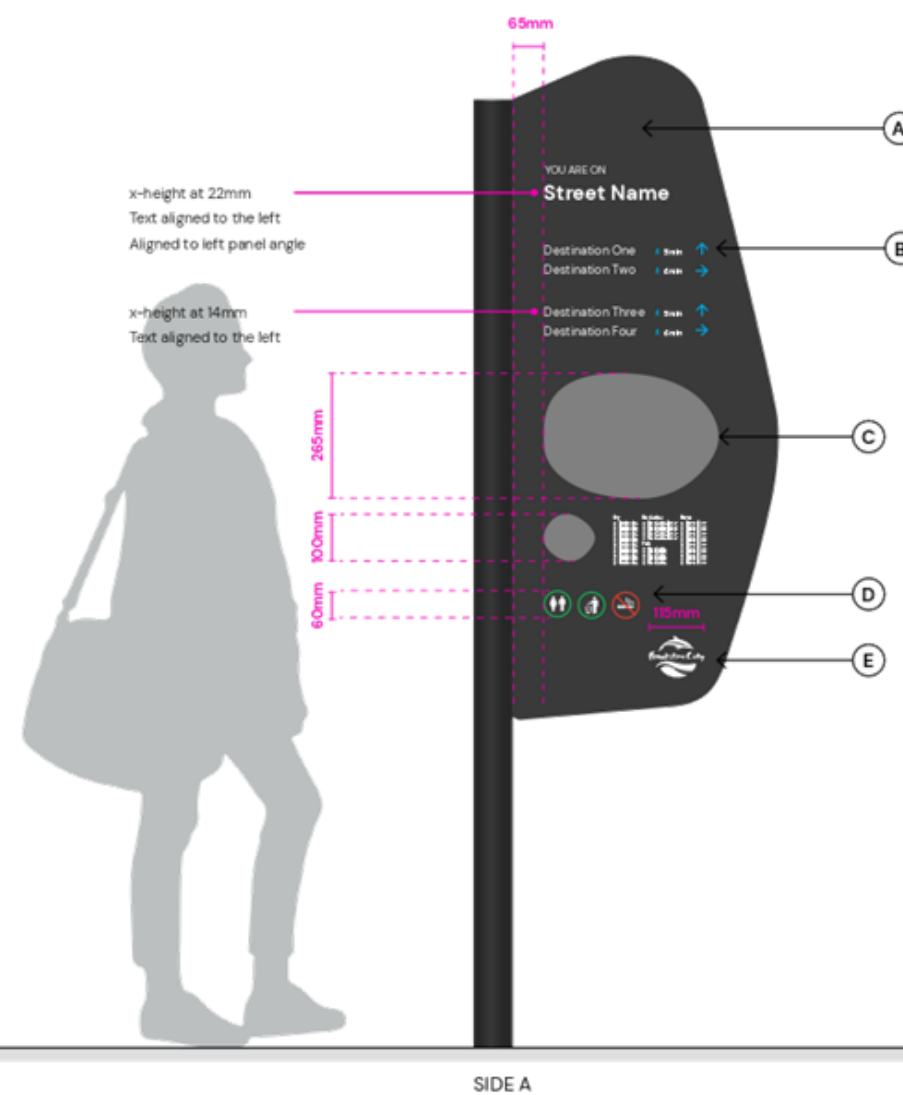
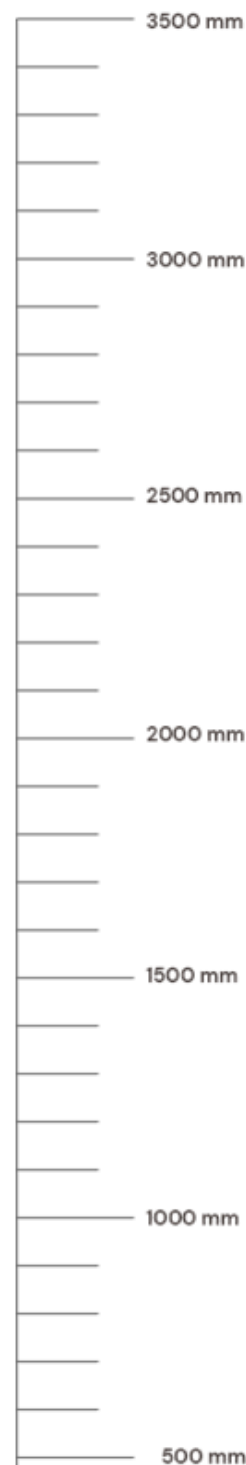
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

IF3 Low Cost Mapped Plinth

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans

'You Are On' Font Weight: Regular
'You Are On' Font Size: 60 pt

Location Font Weight: Bold
Location Font Size: 120 pt

B.
Type Colour: White
Font: DM Sans
Font Weight: Regular

Destination Font Size: 70 pt
Destination Font Leading: 78 pt

Time Font Size: 40 pt

Icon & Arrow Colour: PMS 2995 C

C.
Mapping
Heads up map: 360mm width
Precinct Map: 106mm width

Type Colour: White
Font: DM Sans
Font Size: 20 pt

D.
Regulatory information if required
– see visual component section
for more information.

E.
Logo colour: White

NOTES

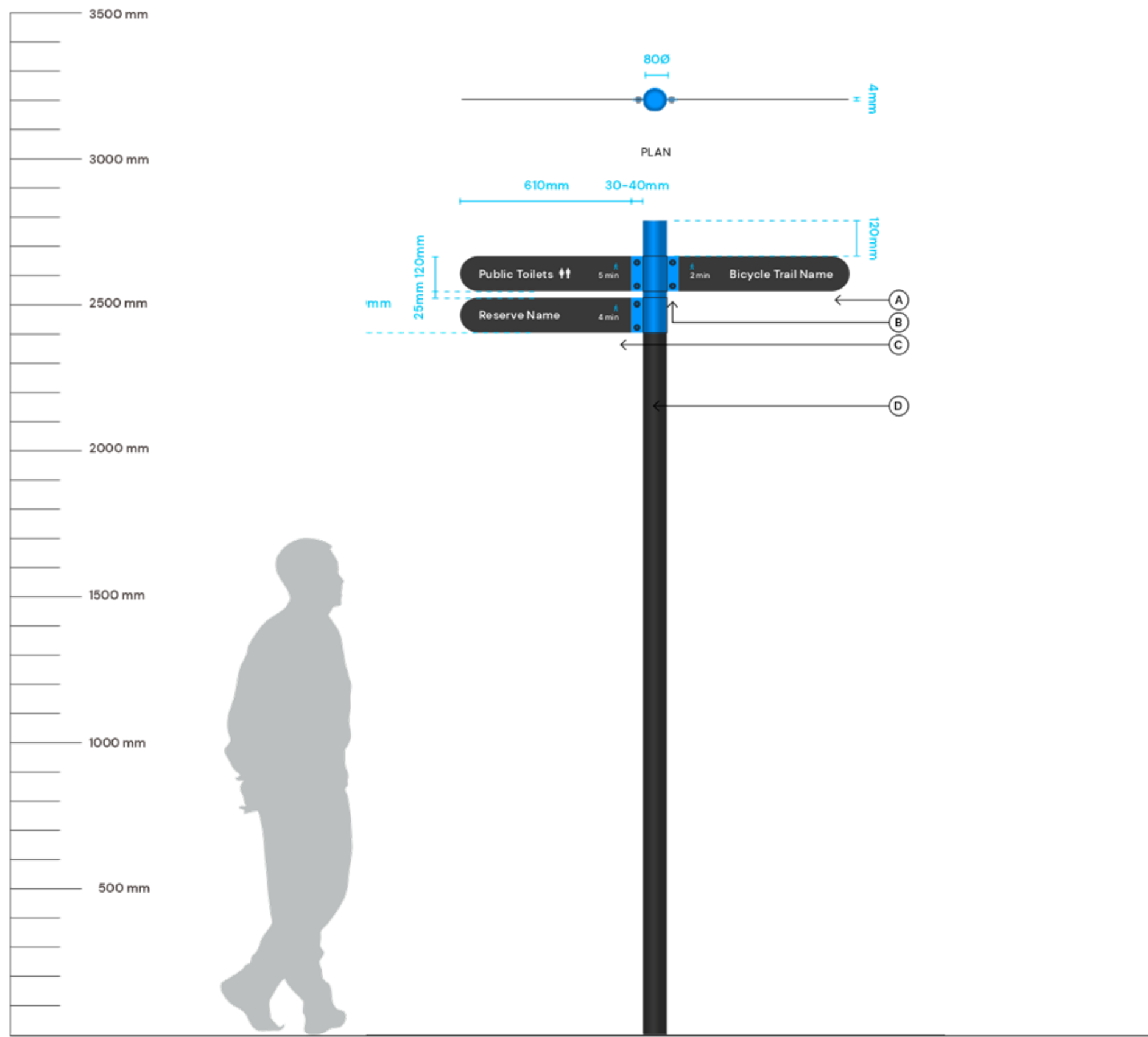
'You Are On' Font – All Caps

Time and Destination location
aligned at baseline

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

67

SIGN TYPE

DR1 Fingerboard

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 4mm aluminium sign panel painted in two-pack polyurethane Colour: Pantone 433C
 - B. Mounted to galvanised Pole. Fixings to be confirmed by manufacturer
 - C. Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels
 - D. Pole: Standard 70mm or 80mm galvanised pole for new poles. Retrofit existing poles where possible. Pole painted in two-pack polyurethane
- Pole slotted into socket mounting system and cast into concrete footing. Engineers to specify footing details and socket type
Colour 1: Pantone 433C
Colour 2: Dulux Water Raceway

INSTALLATION

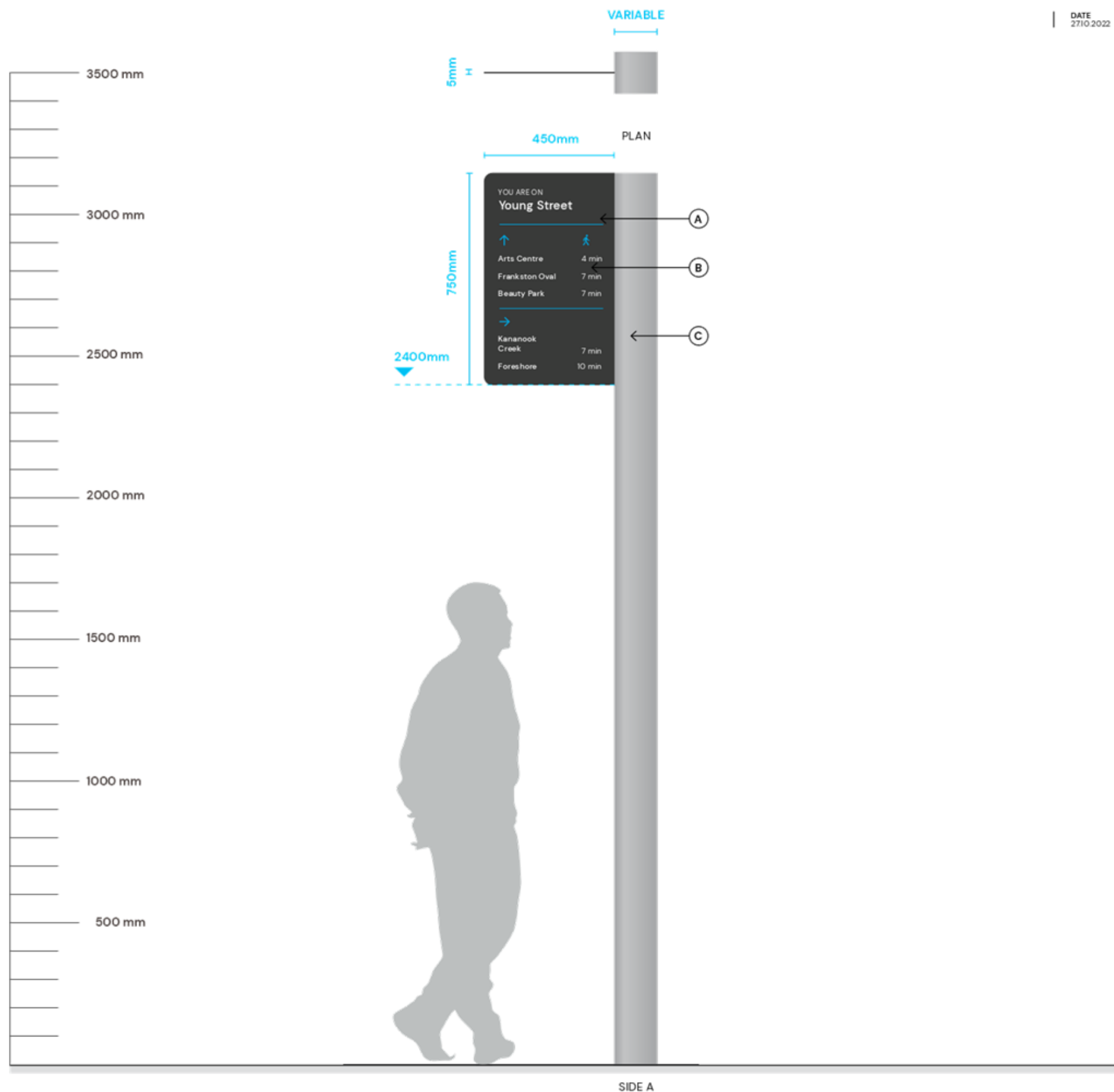
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

FOR GRAPHIC SPECIFICATIONS SEE PDR2

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

68

SIGN TYPE

DR2 Pole Mounted Directional

TECHNICAL SPECIFICATIONS

- A.
Sign Panel: 5mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.
Mounted to galvanised pole. Retrofit existing poles where possible.
Manufacturer to confirm fixing

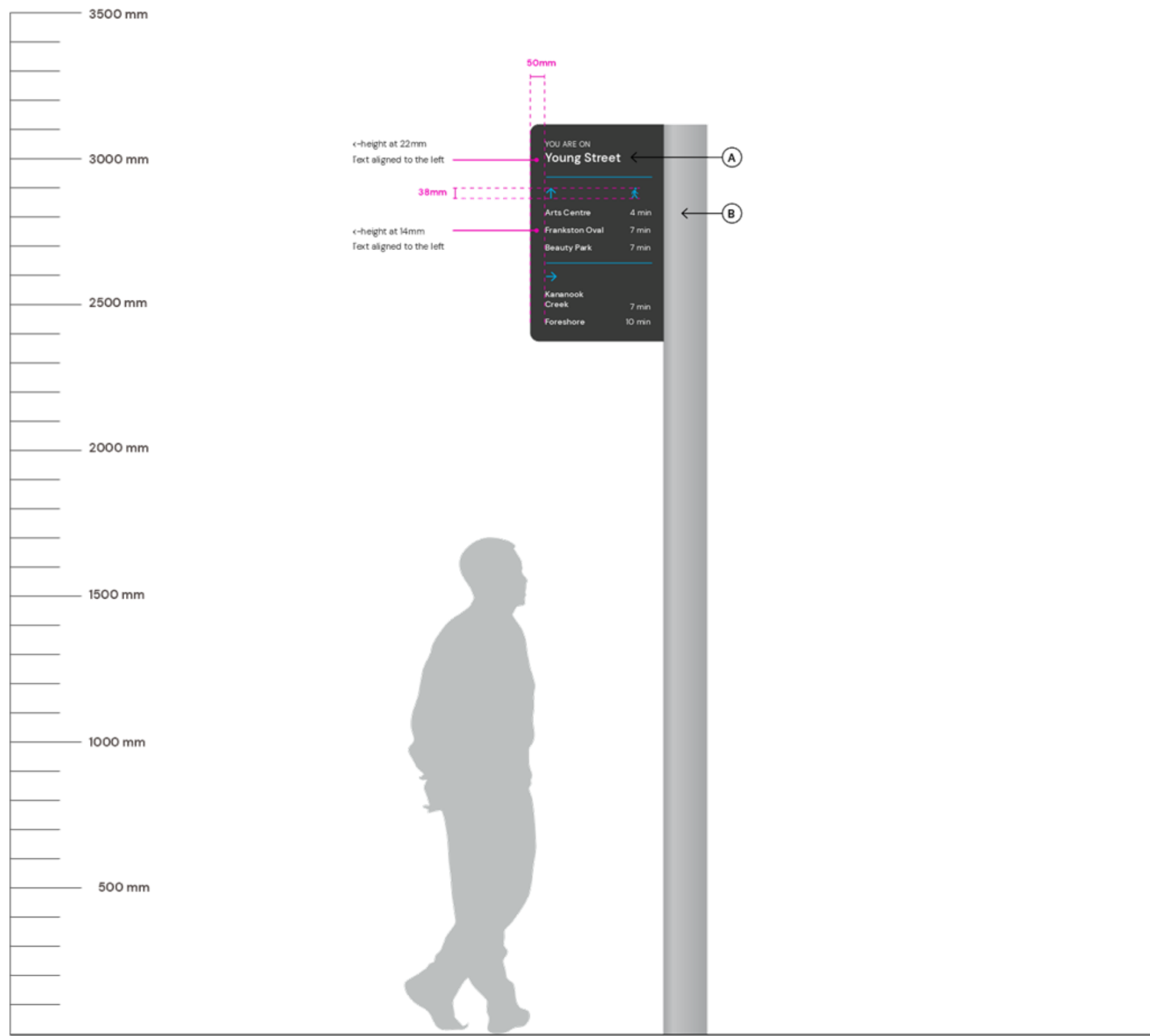
INSTALLATION

Mounting details indicative only.
Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

69

SIGN TYPE

DR2 Pole Mounted Directional

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans

'You Are On' Font Weight: Regular
'You Are On' Font Size: 75 pt

Location Font Weight: Bold
Location Font Size: 120 pt

B.
Type Colour: White
Font: DM Sans
Font Size: 80 pt

Destination Font Weight: Medium

Time Font Weight: Medium

Icon & Arrow Colour: PMS 2995 C

NOTES

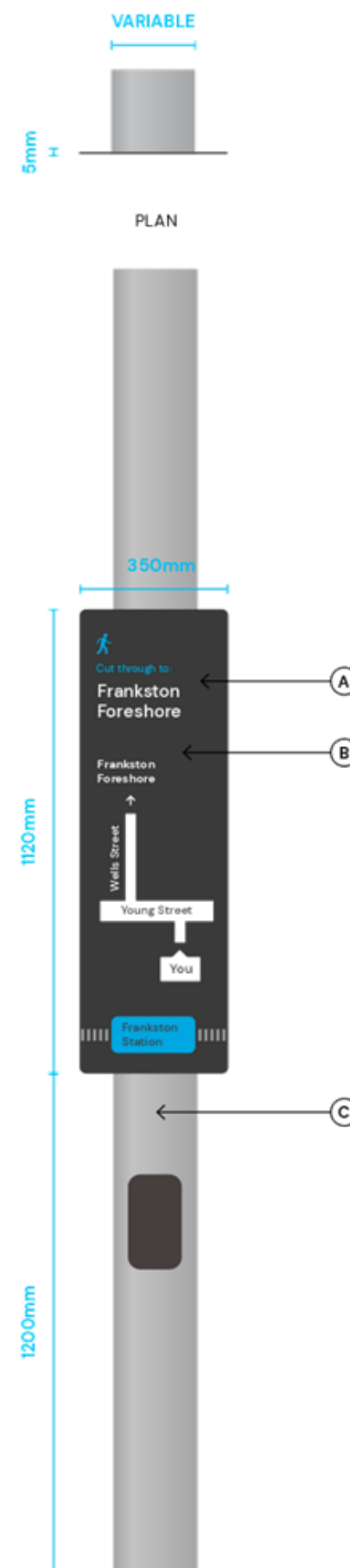
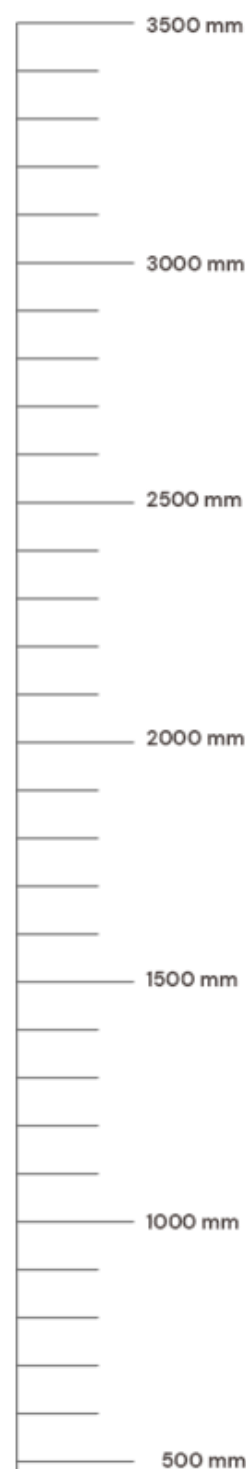
'You Are On' Font – All Caps

Dividing line to be used if needed
Line Colour: PMS 2995 C
Stroke weight: 2.5 pt

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

70

SIGN TYPE

DR3 Co-mounted Linear Map

TECHNICAL SPECIFICATIONS

- A.
Sign Panel: 5mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.
Mounted to galvanised pole. Retrofit existing poles where possible.
Manufacturer to confirm fixing

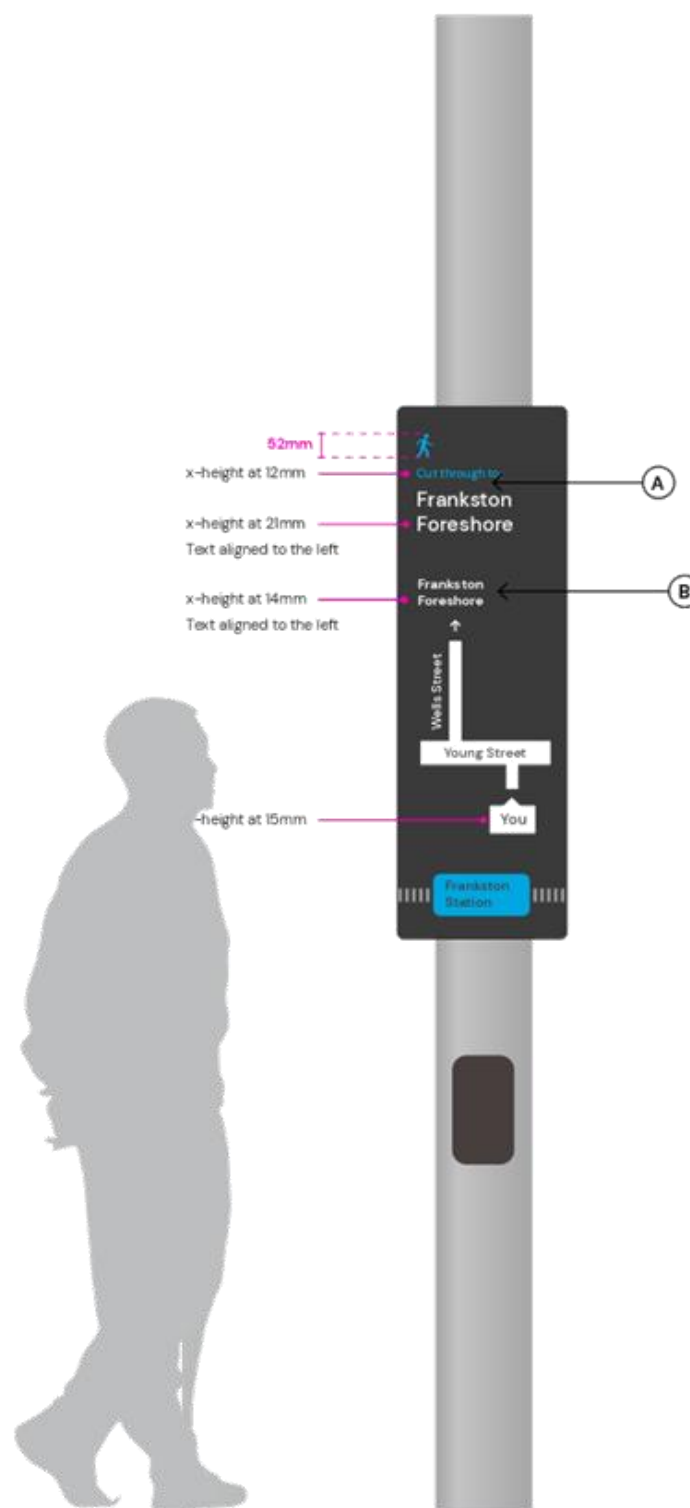
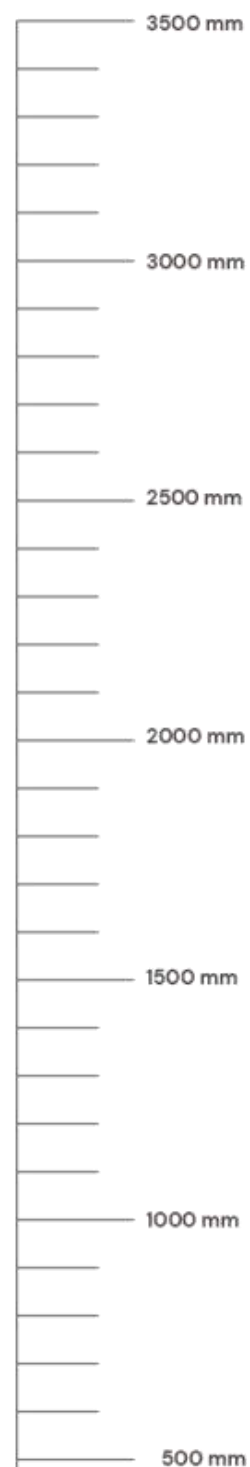
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

71

SIGN TYPE

DR3 Co-mounted Linear Map

GRAPHIC SPECIFICATIONS

A.

Font: DM Sans
Font Weight: Medium

'Cut through to' Font Colour: PMS 2995 C
'Cut through to' Font Size: 70 pt

Destination Font Colour: White
Destination Font Size: PMS 2995 C

Icon Colour: PMS 2995 C

B.

Type Colour: White
Font: DM Sans
Font Size: 80 pt

Destination Font Weight: Bold
Streets Font Weight: Medium

Time Font Weight: Medium

'You' Font Weight: Bold
'You' Font Size: 90 pt

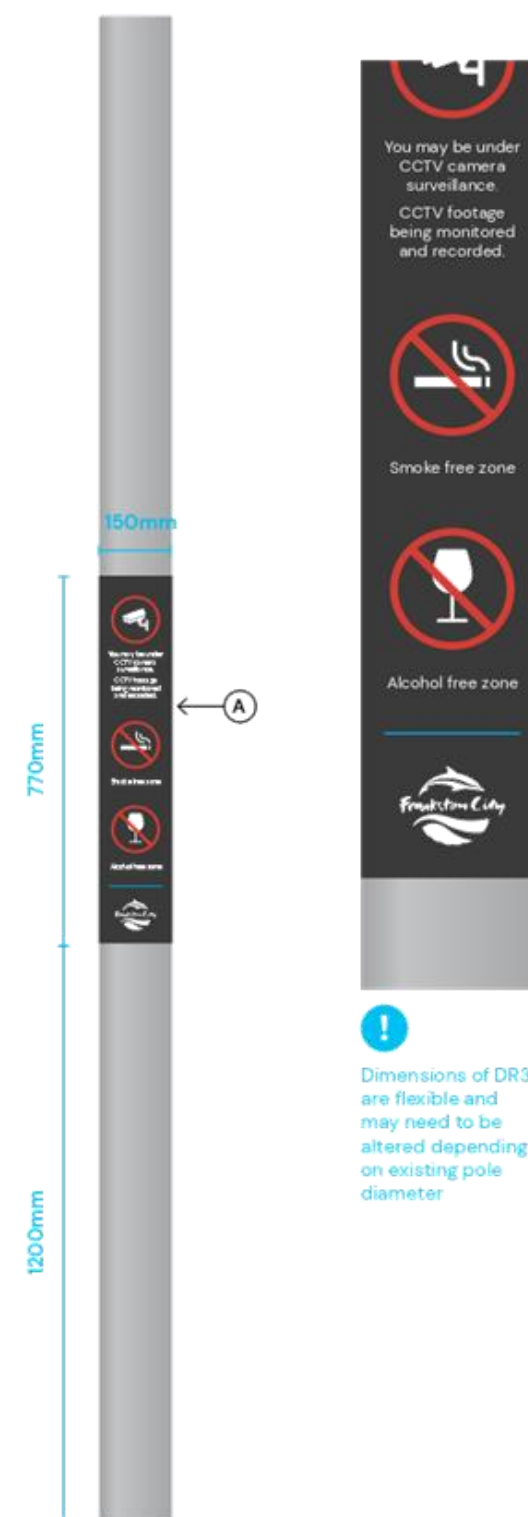
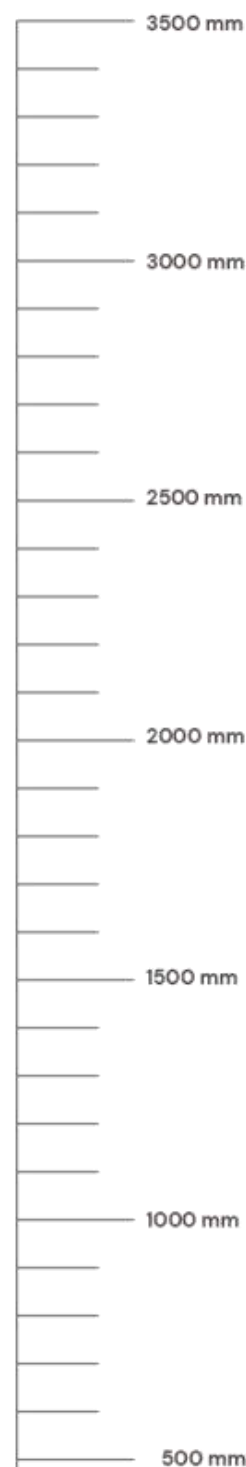
NOTES

Map Streets Colour: White
Notable Location Colour: PMS 2995 C

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

72

SIGN TYPE

VW

Vinyl Pole Wrap

TECHNICAL SPECIFICATIONS

A.
Graphics: Self-adhesive vinyl printed graphic applied directly to substrate
Finish: Protective clear coating (Satin) applied over panels

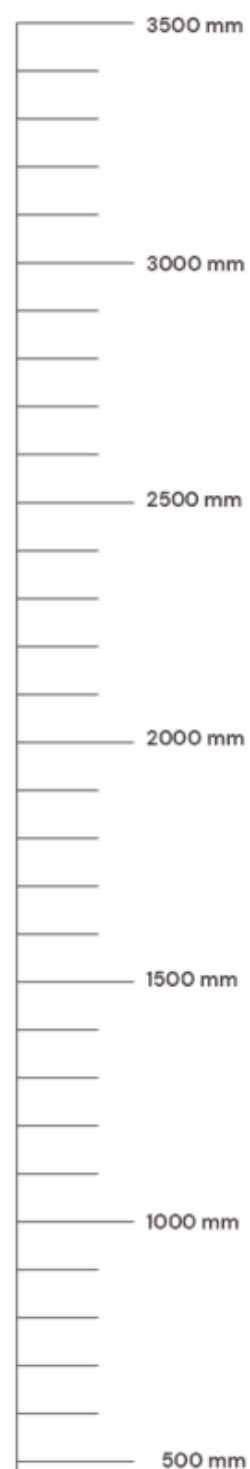
INSTALLATION

Mounting details indicative only.
Structure, fixings and footings to be prepared according to manufacturer's specifications.

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



48mm

30mm
68mm
28mm



SIDE A

SIGN TYPE

VW

Vinyl Pole Wrap

GRAPHIC SPECIFICATIONS

A.
For more Regulatory information see visual component section.

Type Colour: White
Font: DM Sans
Font Size: 37.5 pt
Font Weight: Regular

Destination Font Colour: White
Destination Font Size: PMS 2995 C

A.
Logo Colour: White

NOTES

All content aligned to centre

Dividing line
Line Colour: PMS 2995 C
Stroke weight: 5 pt

All measurements are in millimetres.

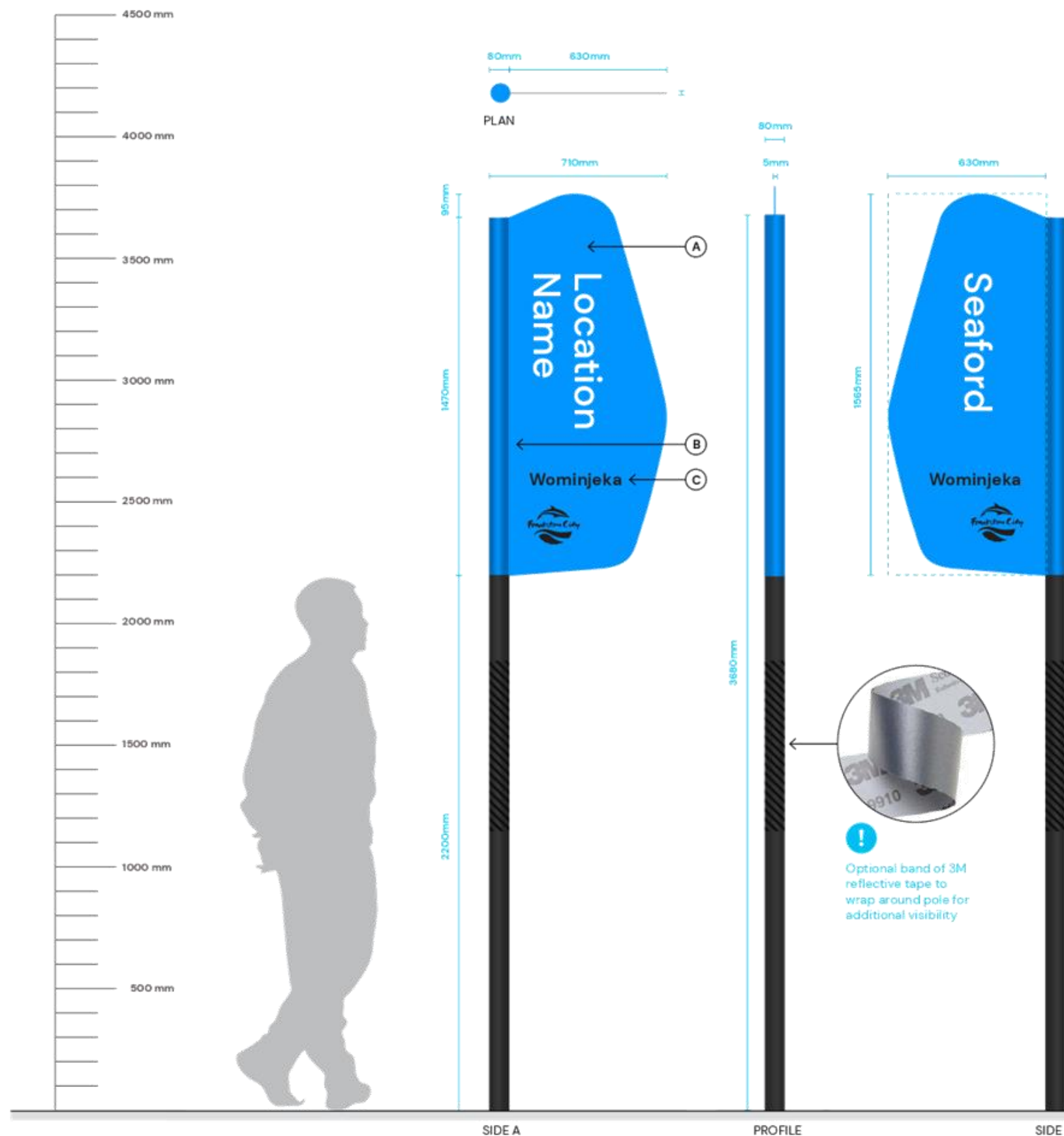
DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

73

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

PID1 Vehicular Identification

TECHNICAL SPECIFICATIONS

- A.** Sign Panel: 10mm aluminium sign panel painted in two-pack polyurethane
Colour: Pantone 433C
- B.** Pole: Standard 70mm or 80mm galvanised pole for new poles. Retrofit existing poles where possible. Pole painted in two-pack polyurethane.
- Pole slotted into socket mounting system and cast into concrete footing. Engineers to specify footing details and socket type.
Colour 1: Pantone 433C
Colour 2: Dulux Water Raceway
- C.** Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels.

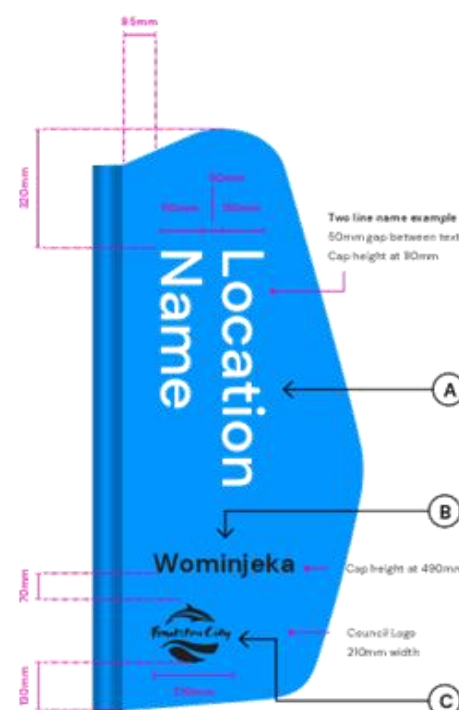
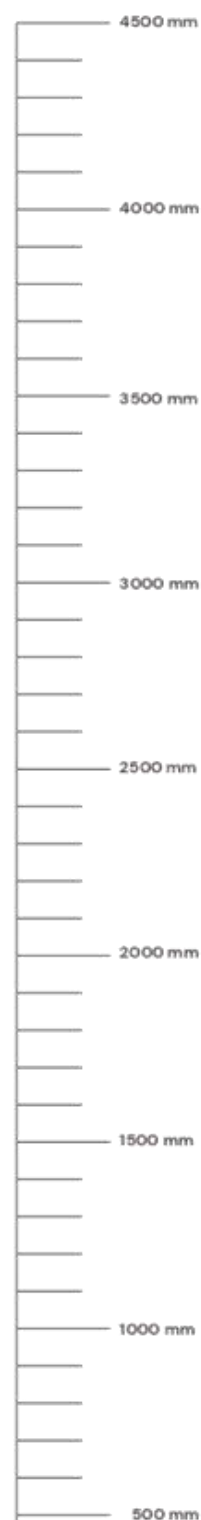
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

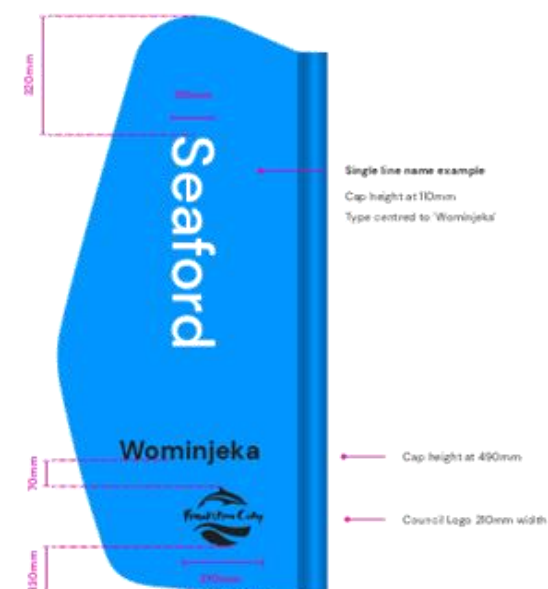
- All measurements are in millimetres.
- Mounting details indicative only, to be reviewed by signage contractor.
- All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
- All fixings to be concealed, fixings should not overlap with artwork.
- All outdoor signage should have clear UV and anti graffiti coating.
- All signage to have clear protective coating (satin) unless otherwise specified.
- Structure and fixings subject to contractors engineering specifications.
- Anti-theft bolts / screws to be specified by signage contractor.
- ASPECT Studios to review and approve all drawings prior to manufacturing.
- Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A



SIDE B

SIGN TYPE

PID1 Vehicular Identification

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Point Size: 450 pt

B.
Type Colour: Pantone 433C
Font: DM Sans
Font Weight: Medium
Font Point Size: 190 pt

C.
Graphics colour: Pantone 433C
Graphics minimum size: 210mm

NOTES

Two line location names
50 mm gap between text
Cap height at 110mm

One line location names
Location name centred to 'Wominjeka'
Cap height at 110mm

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

PID1 Vehicular Identification & Pedestrian Regulatory (vinyl wrap)

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 10mm aluminium sign panel painted in two-pack polyurethane. Colour: Pantone 433C.
- B. Pole: Standard 70mm or 80mm galvanised pole for new poles. Retrofit existing poles where possible. Pole painted in two-pack polyurethane.
- Pole slotted into socket mounting system and cast into concrete footing. Engineers to specify footing details and socket type.
- Colour 1: Pantone 433C
- Colour 2: Dulux Water Raceway
- C. Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels.

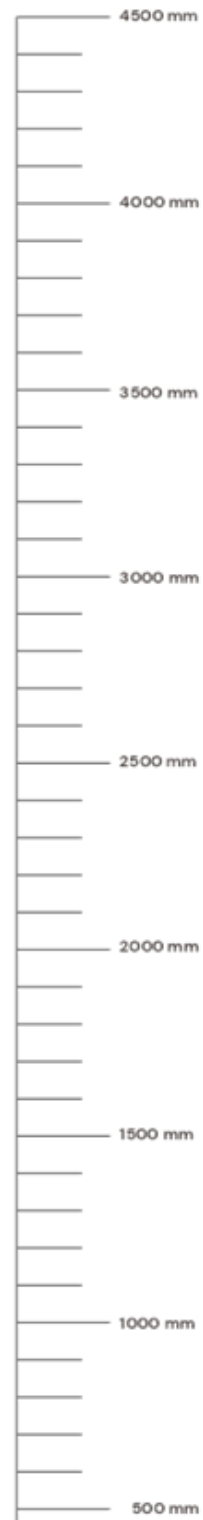
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A



SIGN TYPE

PID1

Vehicular
Identification &
Pedestrian Regulatory
(vinyl wrap)

GRAPHIC SPECIFICATIONS

- A.
Same as previous
- B.
For more Regulatory information see
visual component section.

Type Colour: White
Font: DM Sans
Font Size: 45 pt
Font Weight: Regular

Logo Colour: White

NOTES

Dividing line
Line Colour: PMS 2995 C
Stroke weight: 5 pt

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

PIF1 Medium Mapped Open Space Plinth

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B. External Edge: 3mm Aluminium painted in two-pack polyurethane
Colour: Pantone 433C
Finish: Matte
- C. Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- D. Timber slat panel base (class 1 hardwood timber or similar). Material to be reviewed by signage contractor

INSTALLATION

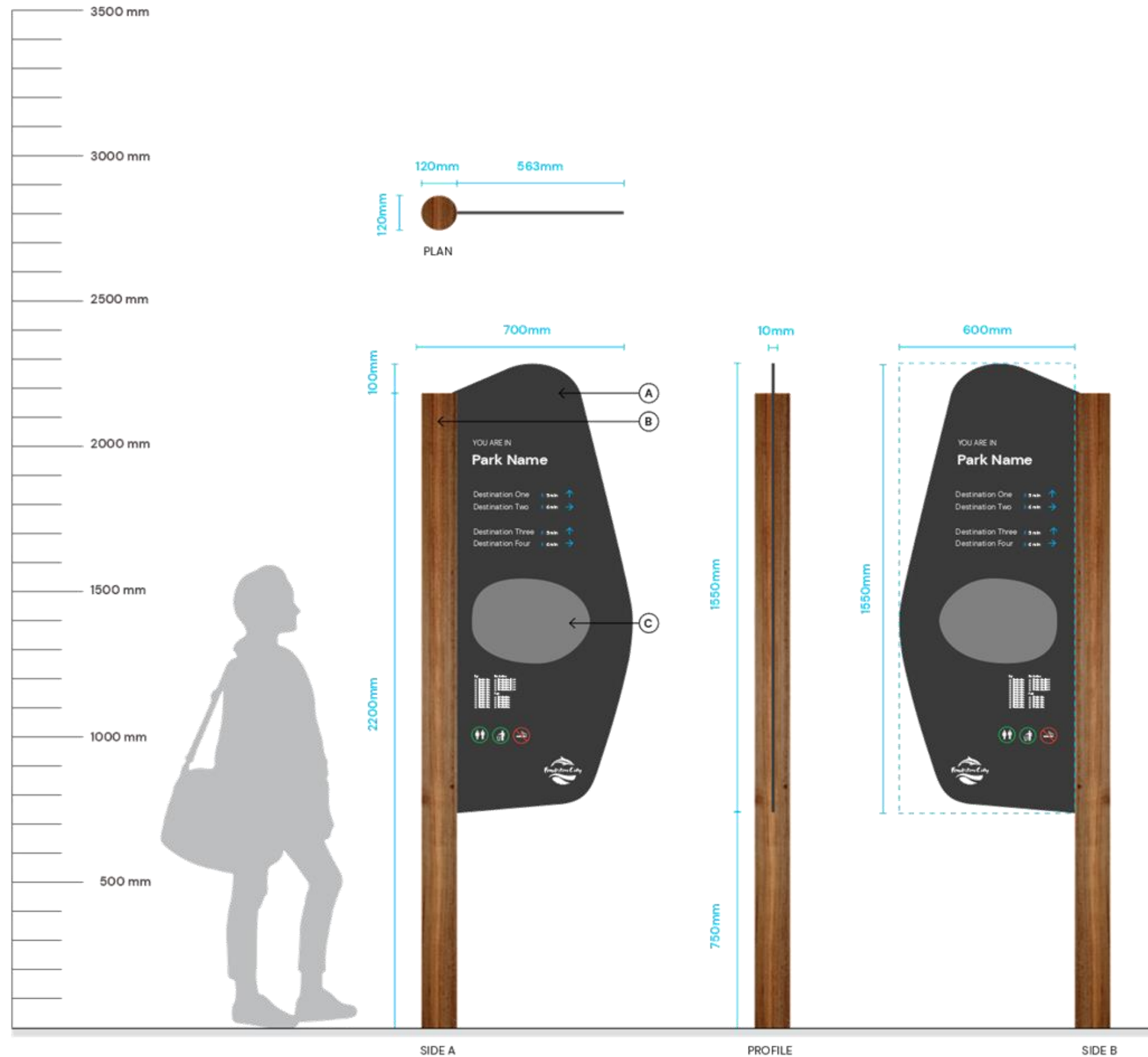
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

FOR GRAPHIC SPECIFICATIONS SEE IF2 (CONCRETE)

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

PIF2 Basic Mapped Open Space Plinth

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 10mm aluminium sign panel painted in two-pack polyurethane Colour: Pantone 433C
- B. Pole: 70mm or 80mm timber pole for new poles. (Class 1 hardwood timber or similar)
- C. Pole slotted into socket mounting system and cast into concrete footing. Engineers to specify footing details and socket type
- D. Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels

INSTALLATION

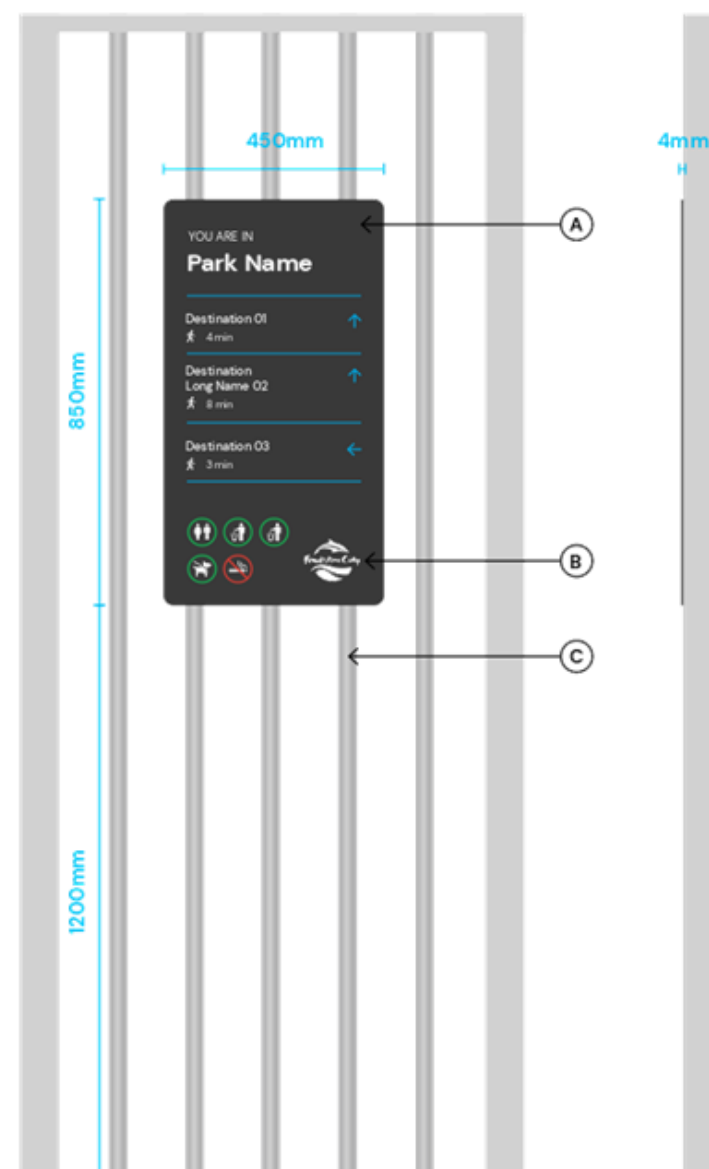
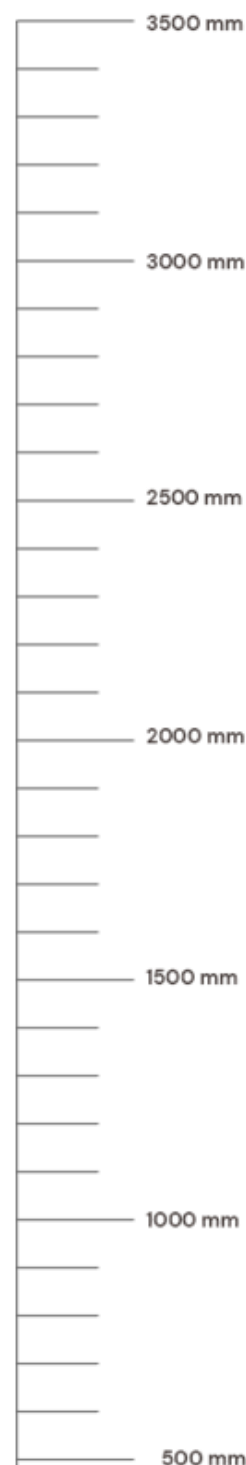
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

FOR GRAPHIC SPECIFICATIONS SEE IF3

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

PROFILE

SIGN TYPE

PDR1 Wall / Fence Mounted Directional

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 4mm aluminium sign panel painted in two-pack polyurethane Colour: Pantone 433C
- B. Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels
- C. Screw fixed to surface. Method dependant on location

INSTALLATION

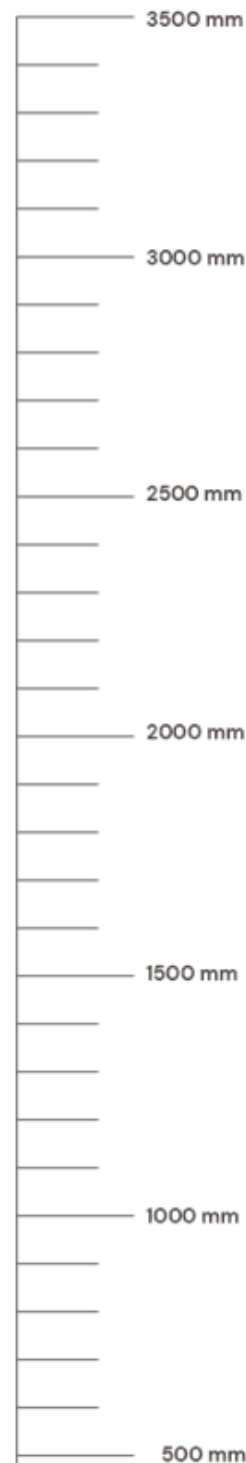
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

!
Mounting height to be confirmed on site

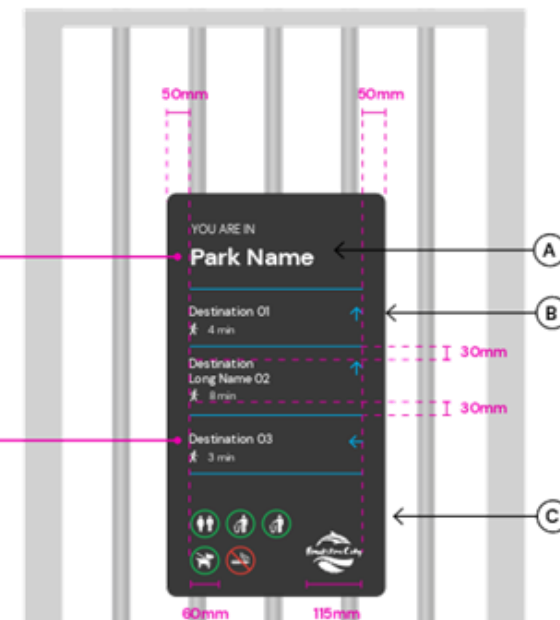
4 SIGNAGE SPECIFICATIONS

PRECEDENTS



x-height at 22mm
Text aligned to the left

x-height at 13mm
Text aligned to the left



SIDE A

SIGN TYPE

PDR1 Wall / Fence Mounted Directional

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans

'You Are On' Font Weight: Regular
'You Are On' Font Size: 70 pt

Location Font Weight: Bold
Location Font Size: 140 pt

B.
Type & Icon Colour: White
Font: DM Sans

Destination Font Size: 70 pt
Destination Font Weight: Medium

Time Font Size: 60 pt
Time Font Weight: Regular

Arrow Colour: PMS 2995 C

C.
For more Regulatory information see
visual component section.

Logo Colour: White

NOTES

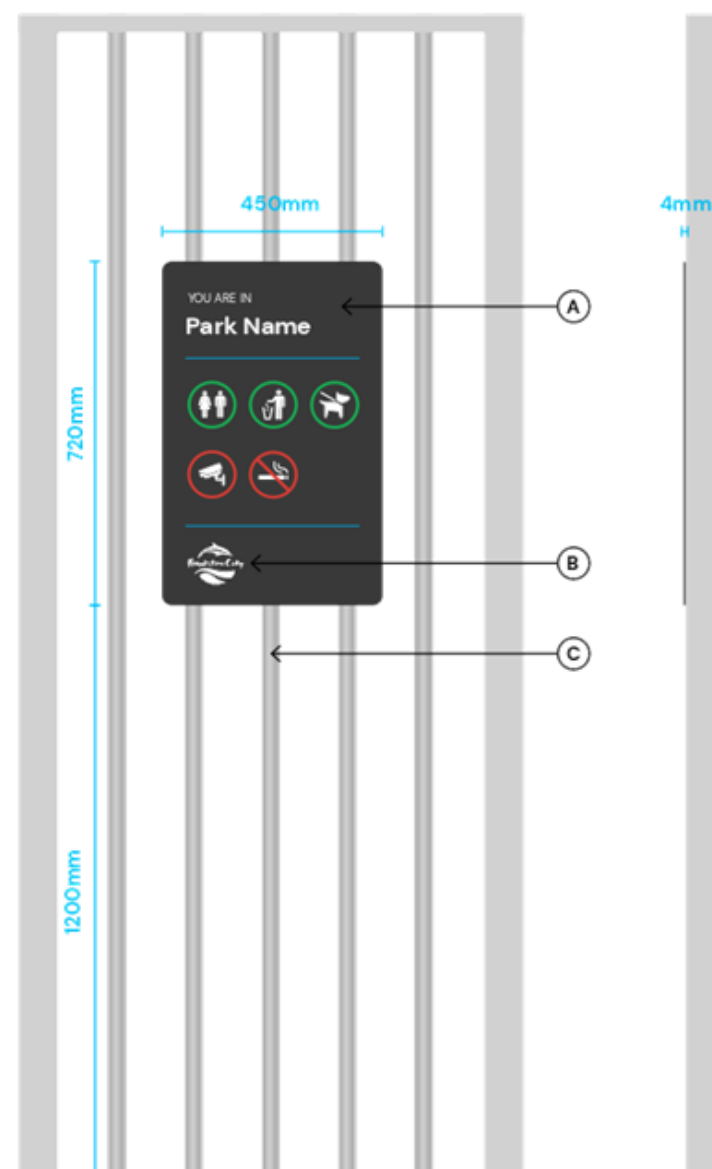
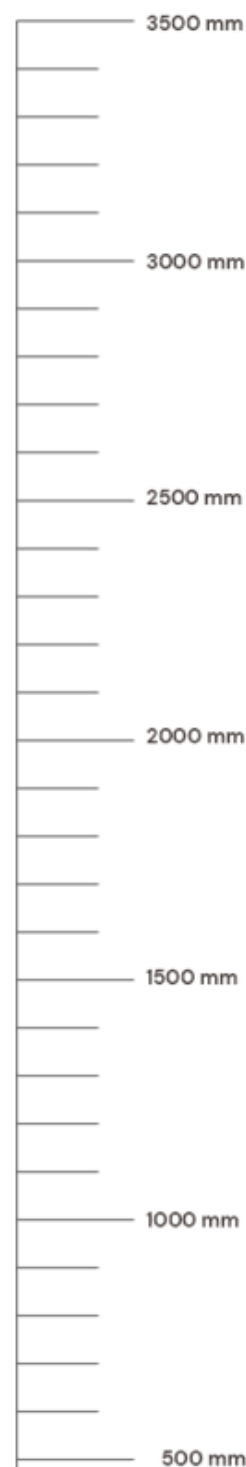
'You Are On' Font - All Caps

Dividing line to be used if needed
Line Colour: PMS 2995 C
Top stroke weight: 5 pt
Subsequent stroke weight: 1 pt

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

PROFILE

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

82

SIGN TYPE

RG1 Wall / Fence Mounted Regulatory

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 4mm aluminium sign panel painted in two-pack polyurethane Colour: Pantone 433C
- B. Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels
- C. Screw fixed to surface. Method dependant on location

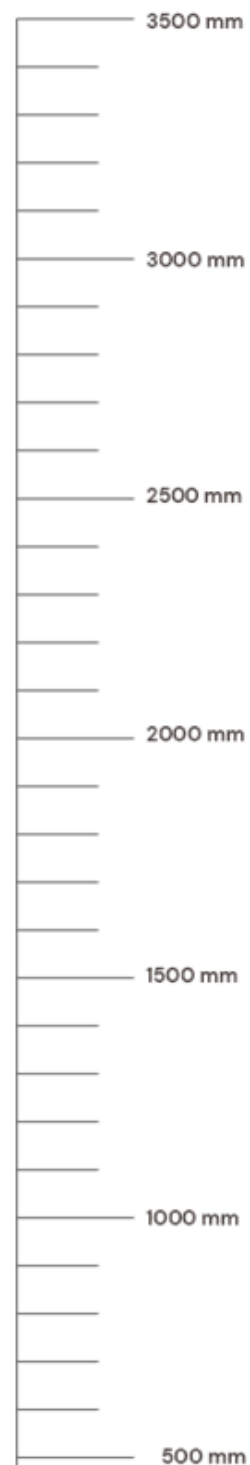
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

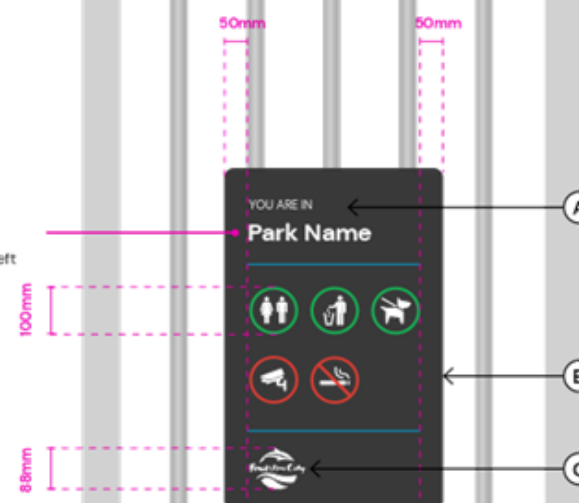
1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



x-height at 22mm
Text aligned to the left



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

83

SIGN TYPE

RG1 Wall / Fence Mounted Regulatory

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans

'You Are On' Font Weight: Regular
'You Are On' Font Size: 70 pt

Location Font Weight: Bold
Location Font Size: 140 pt

B.
For more Regulatory information see
visual component section.

C.
Logo Colour: White

NOTES

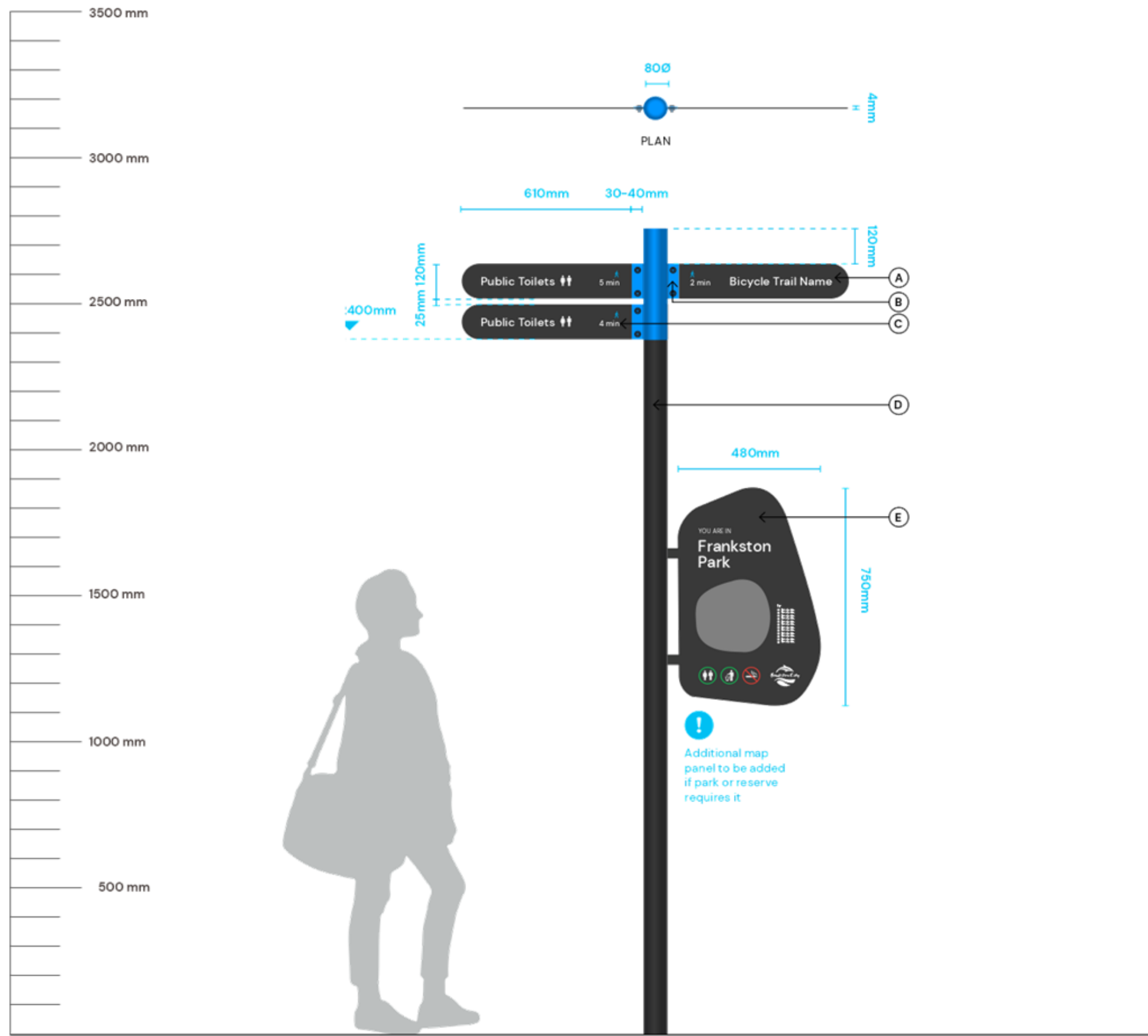
'You Are In' Font – All Caps

Dividing line
Line Colour: PMS 2995 C
Top stroke weight: 5 pt

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

84

SIGN TYPE

PDR2 Open Space Fingerboard

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 4mm aluminium sign panel painted in two-pack polyurethane Colour: Pantone 433C
- B. Mounted to galvanised Pole. Fixings to be confirmed by manufacturer
- C. Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels
- D. Pole: Standard 70mm or 80mm galvanised pole for new poles. Retrofit existing poles where possible. Pole painted in two-pack polyurethane
- E. Map Panel: 4mm aluminium sign panel painted in two-pack polyurethane Colour: Pantone 433C

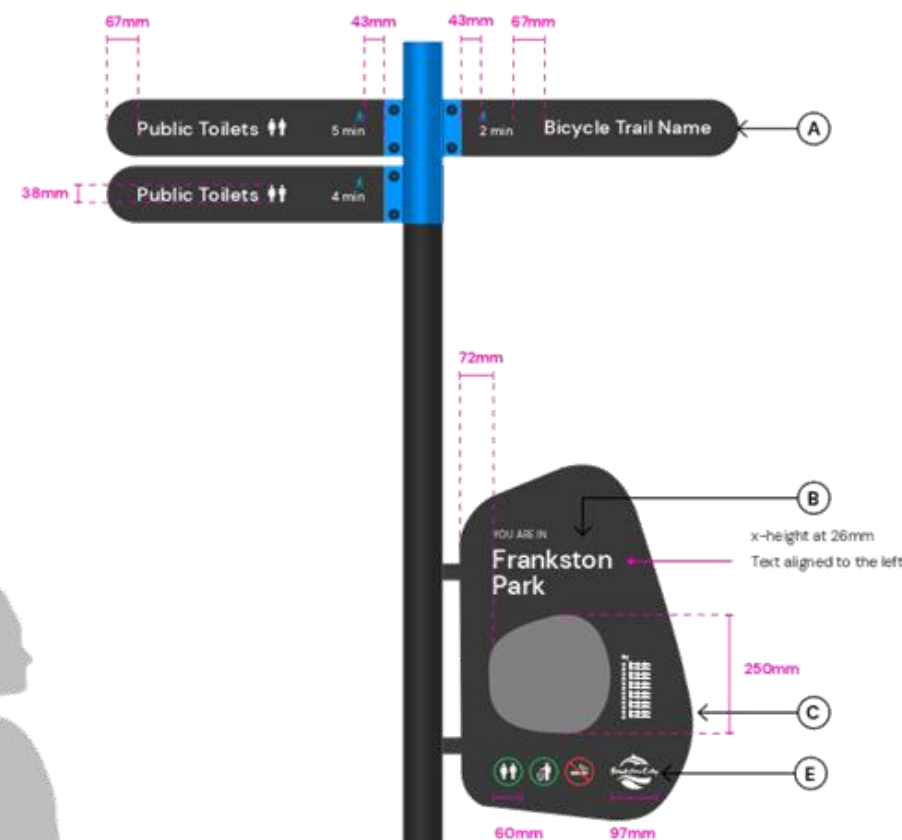
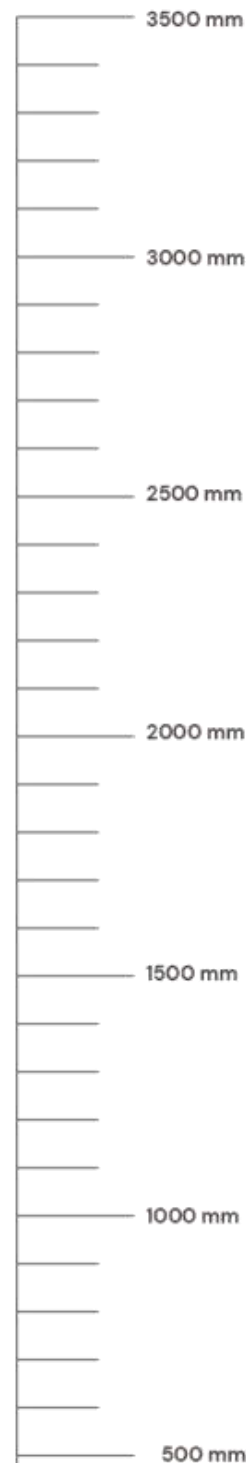
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

SIGN TYPE

PDR2 Open Space Fingerboard

GRAPHIC SPECIFICATIONS

A.
Type Colour: White
Font: DM Sans
Font Weight: Medium

Location Font Size: 110 pt

Time Font Size: 70 pt

Icon Colour: PMS 2995 C

B.
Type Colour: White
Font: DM Sans

'You Are On' Font Weight: Regular
'You Are On' Font Size: 59.5 pt

Location Font Weight: Medium
Location Font Size: 150 pt

C.
Mapping
Park map: 250mm
Type Colour: White
Font: DM Sans
Font Weight: Regular
Font Size: 23 pt

D.
For more Regulatory information see
visual component section.

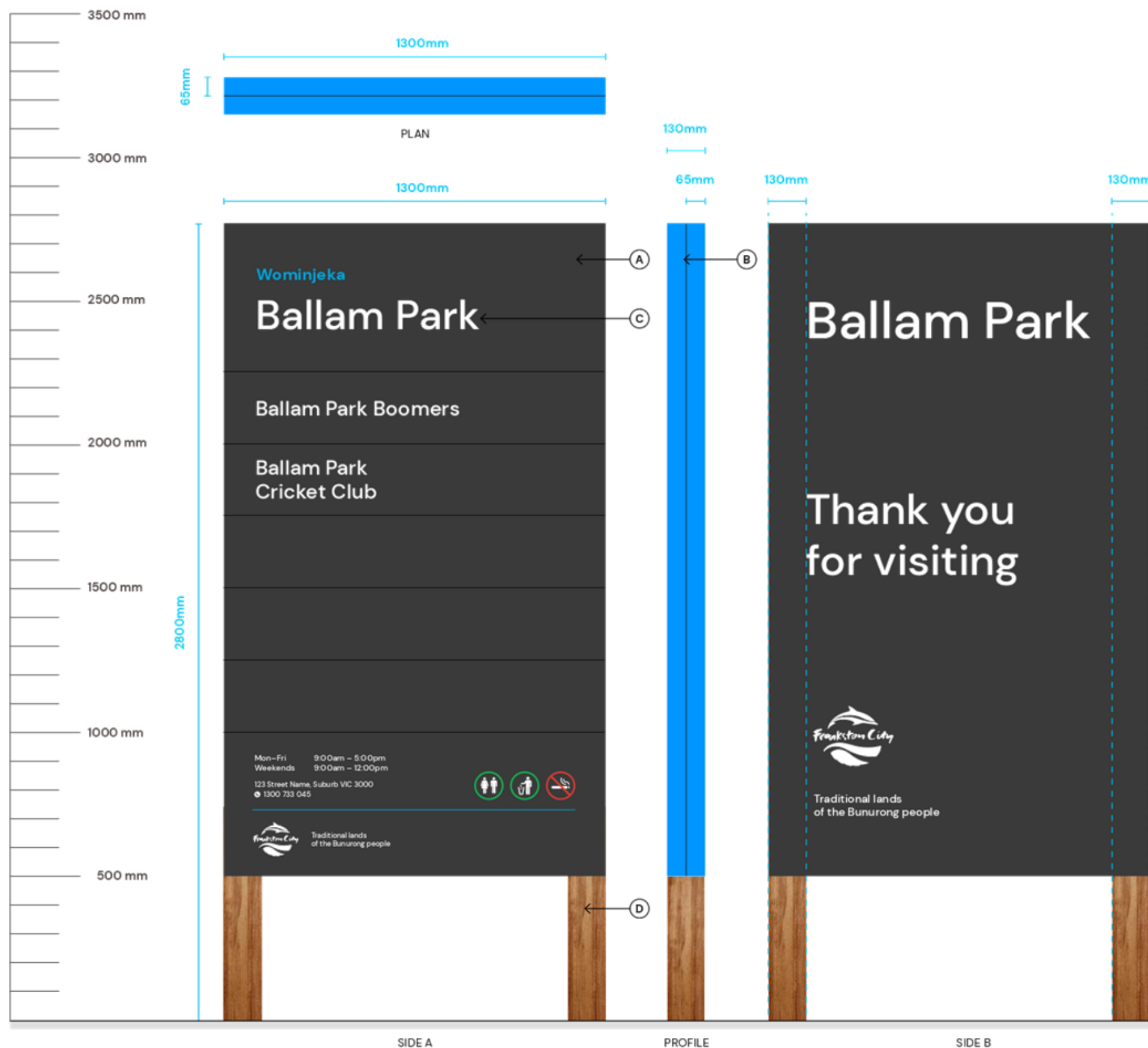
Logo Colour: White

NOTES

'You Are On' Font – All Caps
All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

PID3 Site Tenant

TECHNICAL SPECIFICATIONS

- Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Colour: Pantone 433C
Finish: Matte
- External Edge: 3mm Aluminium painted in two-pack polyurethane
Colour: Dulux Water Raceway
Finish: Matte
- Graphics: Computer Cut Vinyl Printed Graphics Applied Direct To Panel Face.
Finish: Protective Clear Coating (Satin) Applied Over Panels
- Timber (class 1 hardwood timber or similar). Material to be reviewed by signage contractor

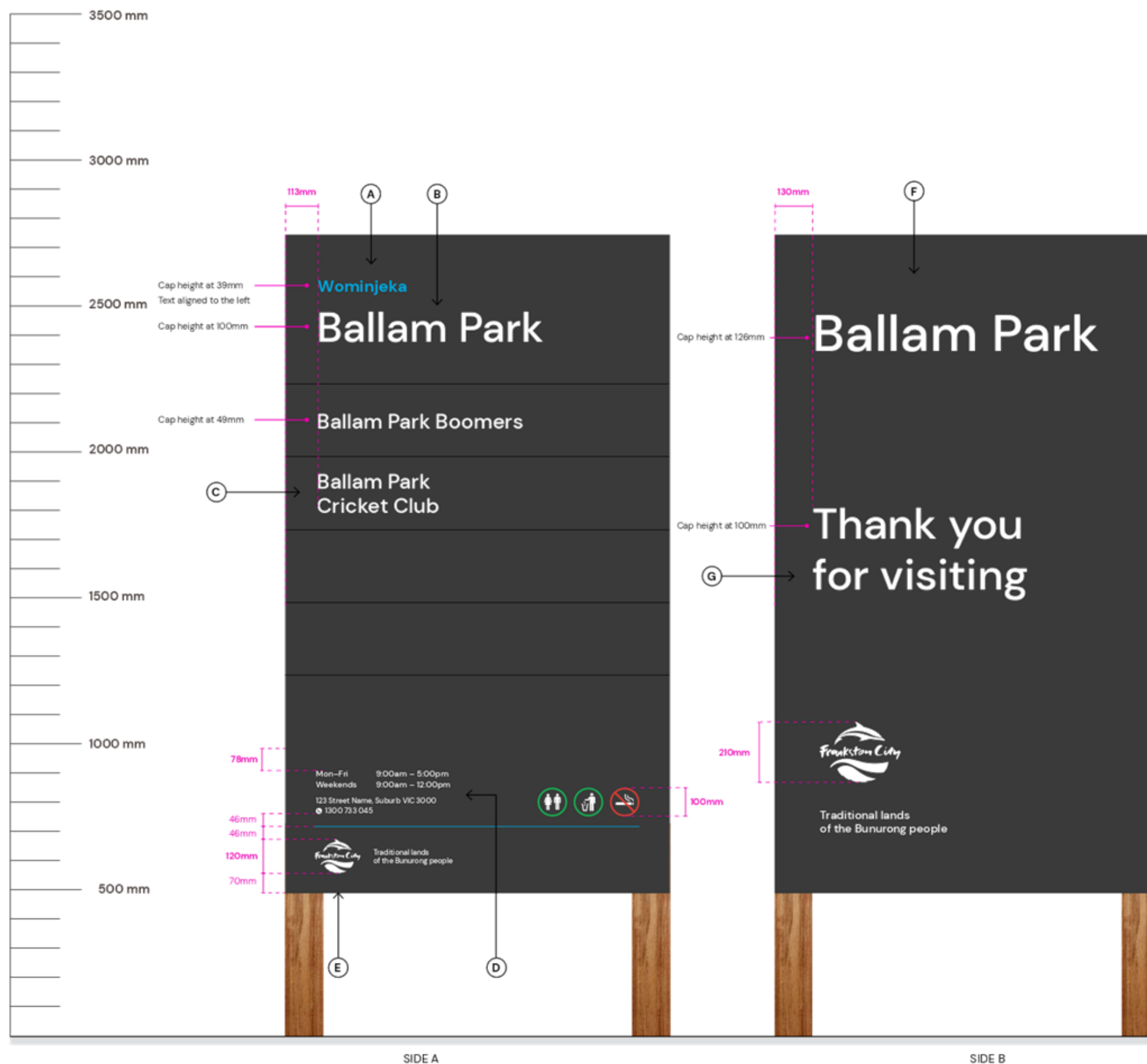
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

- All measurements are in millimetres.
- Mounting details indicative only, to be reviewed by signage contractor.
- All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
- All fixings to be concealed, fixings should not overlap with artwork.
- All outdoor signage should have clear UV and anti graffiti coating.
- All signage to have clear protective coating (satin) unless otherwise specified.
- Structure and fixings subject to contractors engineering specifications.
- Anti-theft bolts / screws to be specified by signage contractor.
- ASPECT Studios to review and approve all drawings prior to manufacturing.
- Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

PID3 Site Tenant

GRAPHIC SPECIFICATIONS

A.
Font: DM Sans
Font Weight: Bold
Font Size: 160 pt
Font Colour: PMS 2995 C

B.
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Size: 400 pt

C.
Club / Sponsor Panels
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Size: 200 pt

D.
Additional facility information
Type Colour: White
Font: DM Sans
Font Weight: Medium
Font Size: 70 pt

For more Regulatory information see visual component section.

E.
Logo Colour: White

NOTES

'You Are On' Font - All Caps

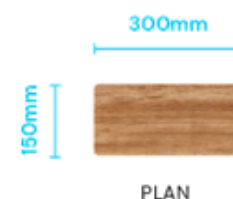
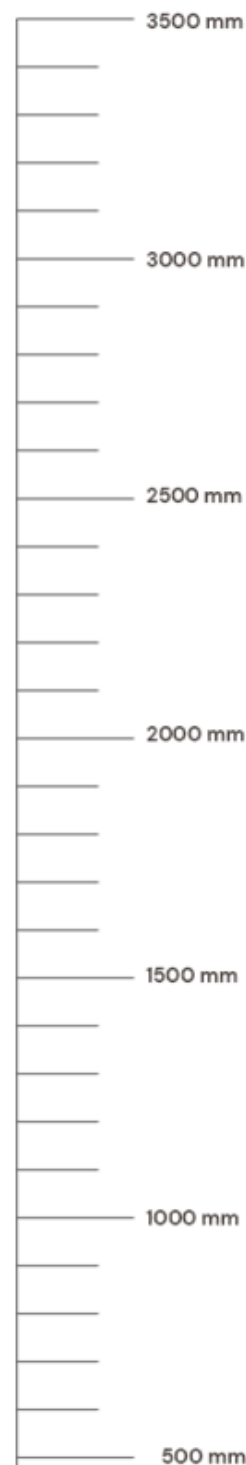
All type to be left aligned

Dividing line
Line Colour: PMS 2995 C
Top stroke weight: 5 pt

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

PD3 Directional Totem

TECHNICAL SPECIFICATIONS

- A.**
Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.**
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.**
Timber panel base (class I hardwood timber or similar). Material to be reviewed by signage contractor

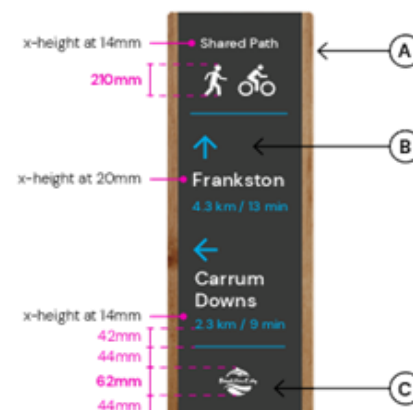
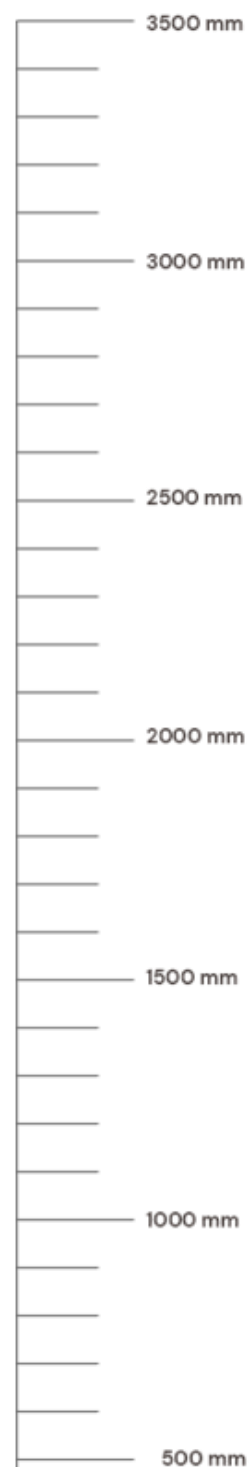
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

PROFILE

SIDE B

SIGN TYPE

PD3 Directional Totem

GRAPHIC SPECIFICATIONS

A.
Font: DM Sans
Font Weight: Medium
Font Size: 80 pt
Font & Icon Colour: White

B.
Font: DM Sans
Font Weight: Medium

Destination Type Colour: White
Destination Font Size: 115 pt

Time & Distance Type Colour: PMS 2995 C
Time & Distance Font Size: 80 pt

Arrow Colour: PMS 2995 C

C.
Logo Colour: White

NOTES

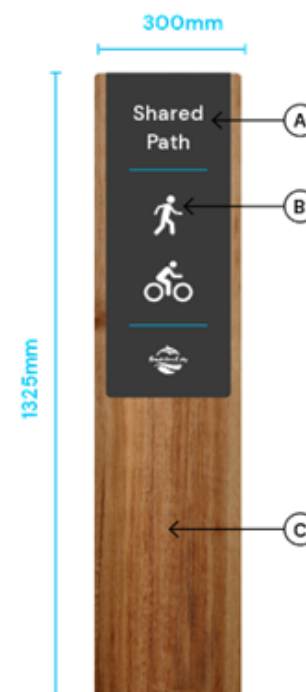
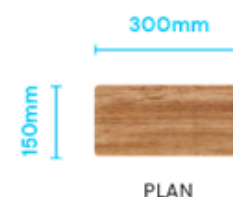
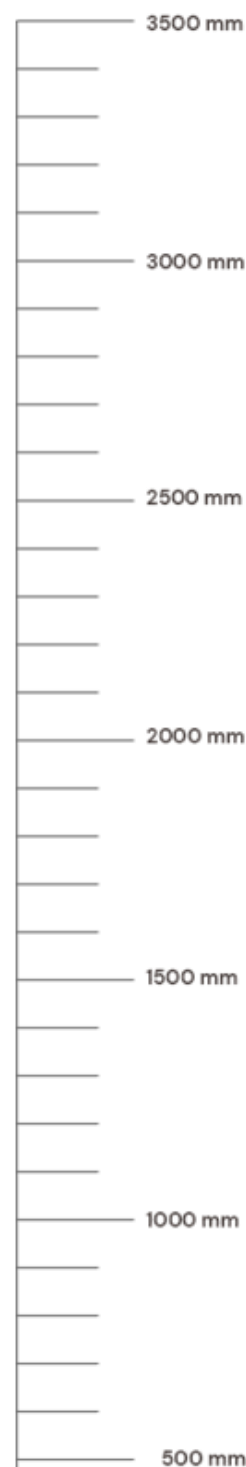
All type to be left aligned

Dividing line
Line Colour: PMS 2995 C
Top stroke weight: 5 pt

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A



PROFILE



SIDE B

SIGN TYPE

PID4

Shared Path Trail

TECHNICAL SPECIFICATIONS

- A.**
Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.**
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.**
Timber panel base (class 1 hardwood timber or similar). Material to be reviewed by signage contractor

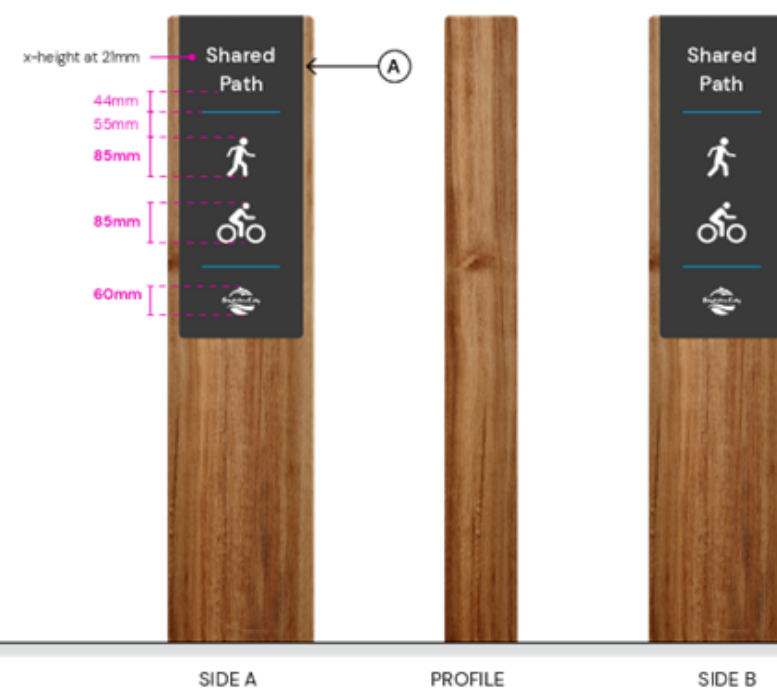
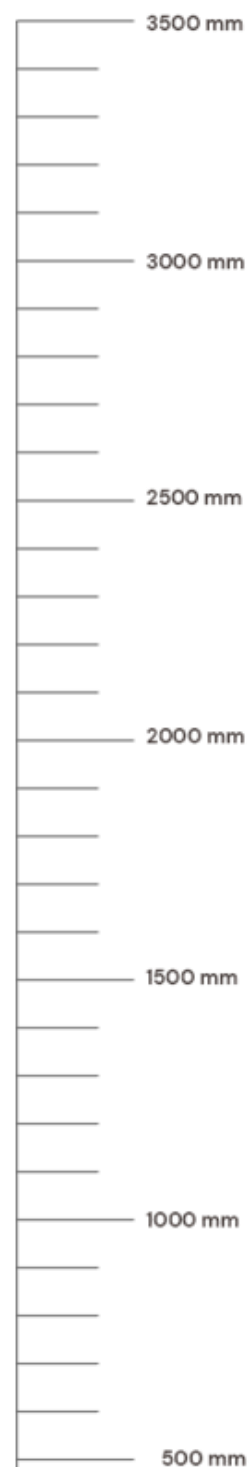
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

91

SIGN TYPE

PID4 Shared Path Trail

GRAPHIC SPECIFICATIONS

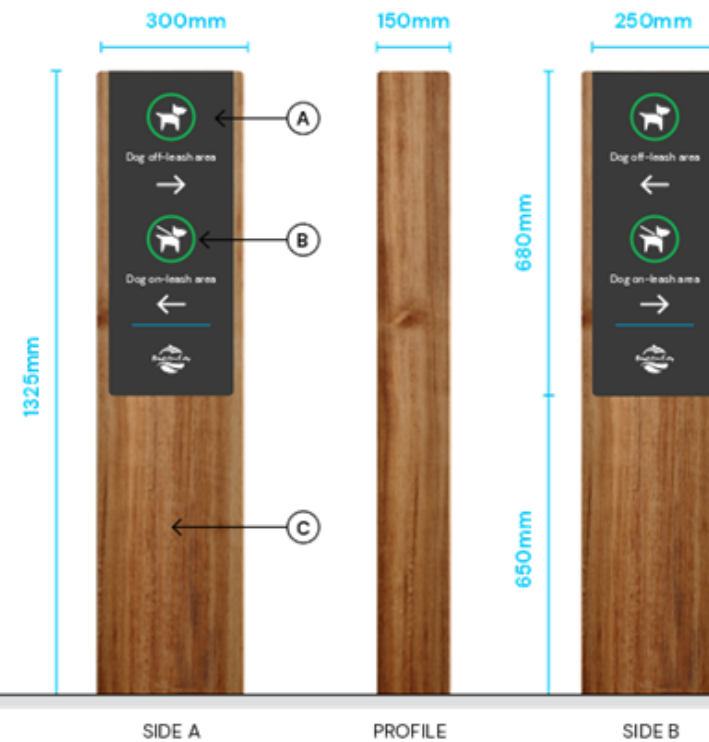
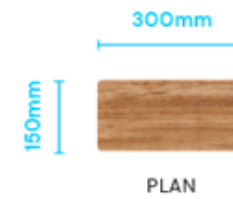
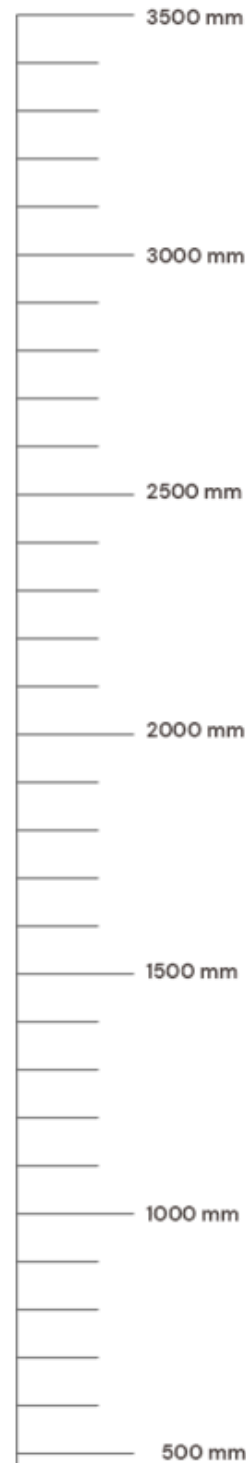
A.
Font: DM Sans
Font Weight: Medium
Font Size: 12.2 pt
Font Icon & Logo Colour: White

NOTES

All type to be centre aligned
Dividing line
Line Colour: PMS 2995 C
Top stroke weight: 5 pt
All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

RG2 Regulatory Totem

TECHNICAL SPECIFICATIONS

- A.**
Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.**
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.**
Timber panel base (class I hardwood timber or similar). Material to be reviewed by signage contractor

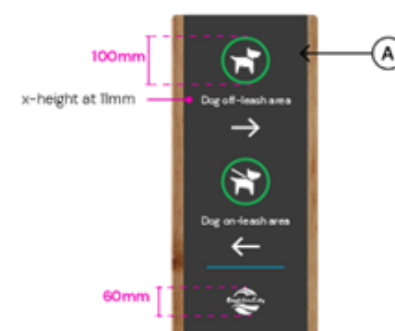
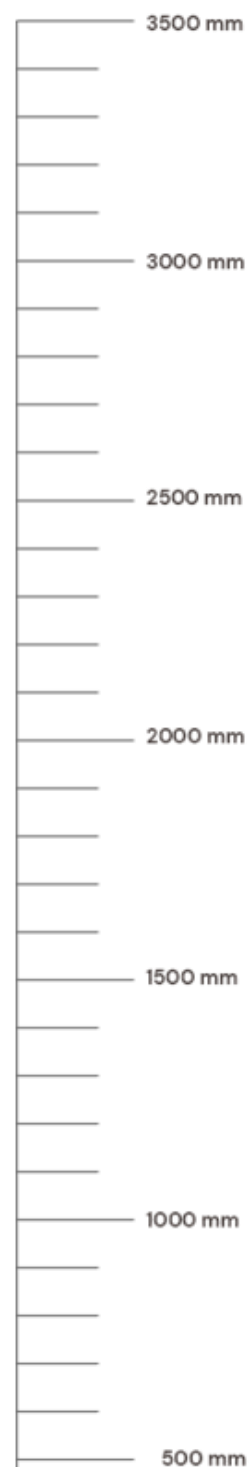
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

PROFILE



SIDE B

SIGN TYPE

RG2 Regulatory Totem

GRAPHIC SPECIFICATIONS

A.
Font: DM Sans
Font Weight: Medium
Font Size: 60 pt
Font Arrow & Logo Colour: White

NOTES

For more Regulatory information see visual component section.

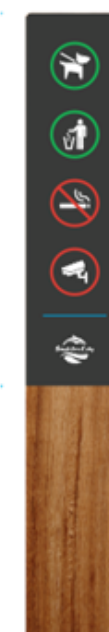
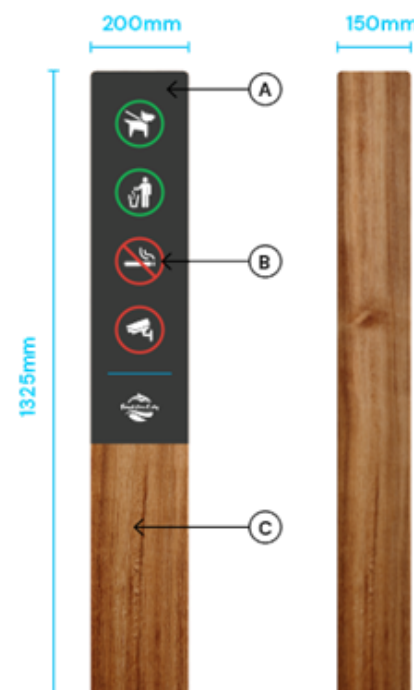
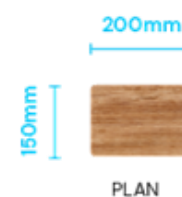
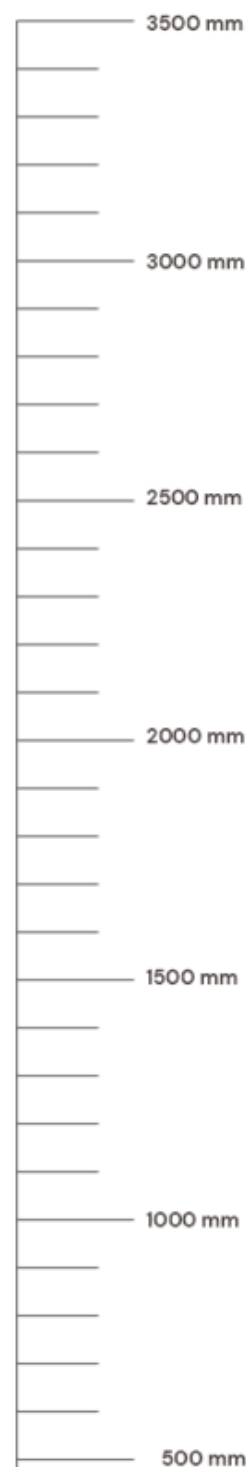
All type to be centre aligned

Dividing line
Line Colour: PMS 2995 C
Top stroke weight: 5 pt

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

PROFILE

SIDE B

SIGN TYPE

RG3 Regulatory Bollard

TECHNICAL SPECIFICATIONS

- A.**
Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.**
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.**
Timber panel base (class 1 hardwood timber or similar). Material to be reviewed by signage contractor

INSTALLATION

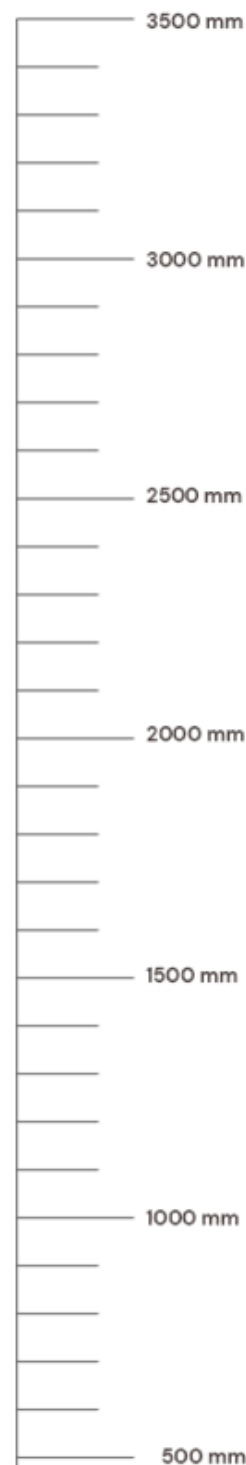
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

FOR GRAPHIC SPECIFICATIONS SEE RG2

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

RG4 Regulatory Panel

TECHNICAL SPECIFICATIONS

- A.** Sign Panel: 4mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.** Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.** Mounted to standard galvanised pole. Retrofit existing poles where possible

INSTALLATION

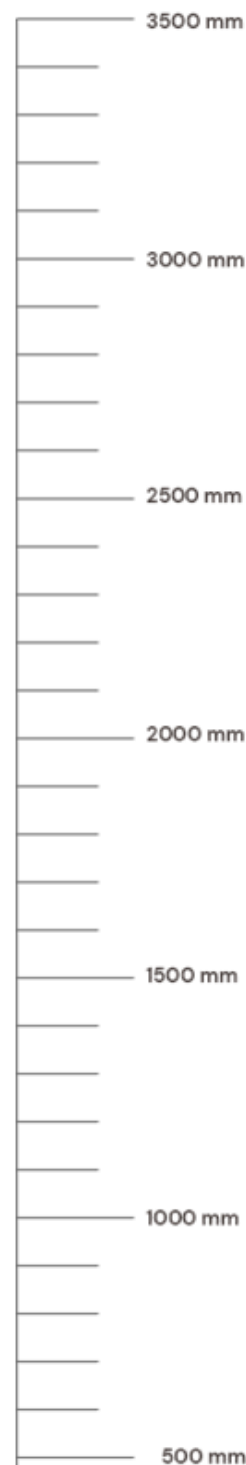
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

SIDE A

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

96

SIGN TYPE

RG4 Regulatory Panel

GRAPHIC SPECIFICATIONS

A.
Font: DM Sans
Font Weight: Bold
Font Size: 125 pt
Font Colour: White

B.
Font: DM Sans
Font Weight: Medium
Font Size: 60 pt
Font Colour: White

INSTALLATION

For more Regulatory information see visual component section.

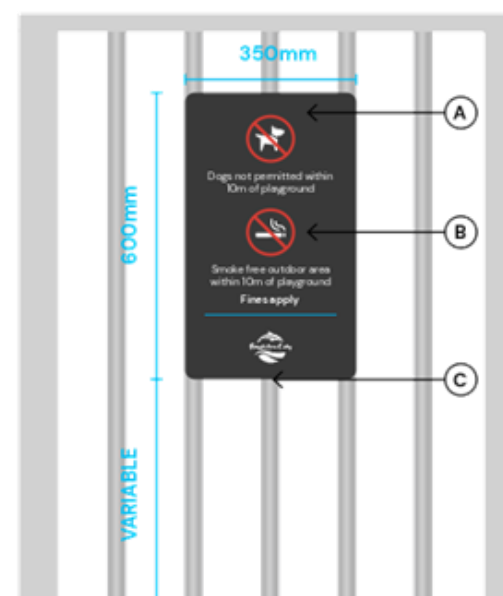
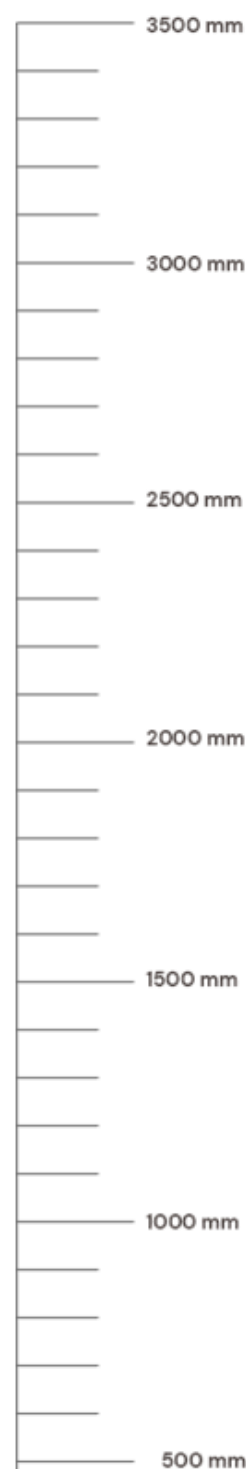
All type to be left aligned

Dividing line
Line Colour: PMS 2995 C
Top stroke weight: 2.5 pt

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

SIGN TYPE

PRG1 Playground Regulatory Fence Mounted

TECHNICAL SPECIFICATIONS

- A.**
Sign Panel: 4mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.**
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.**
Mounted to substrate

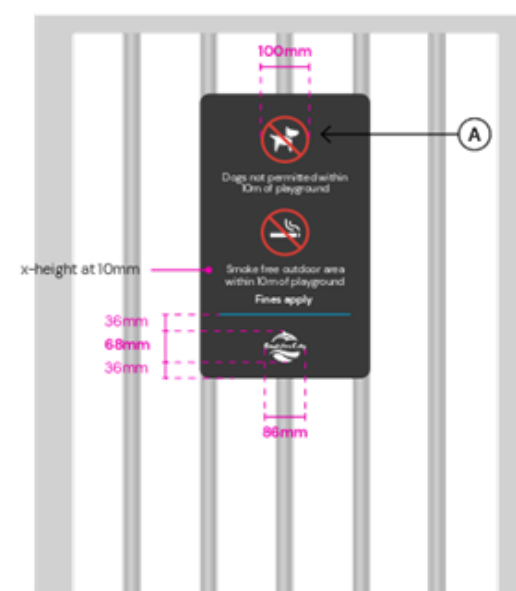
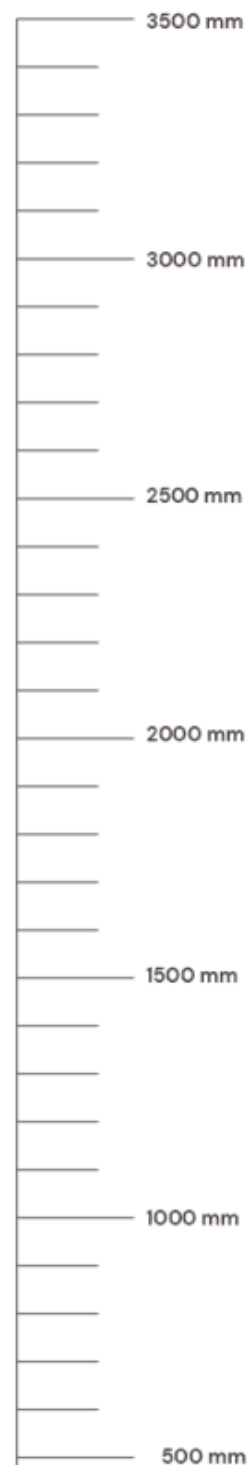
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

98

SIGN TYPE

PRG1 Playground Regulatory Fence Mounted

GRAPHIC SPECIFICATIONS

A.
Font: DM Sans
Font Weight: Regular
Font Size: 60 pt
Font Colour: White

INSTALLATION

For more Regulatory information see
visual component section.

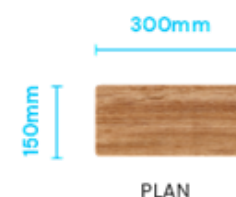
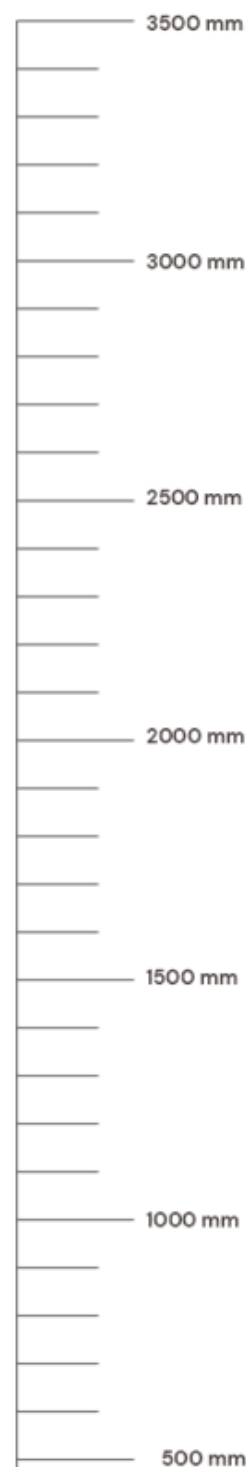
All type to be centre aligned

Dividing line
Line Colour: PMS 2995 C
Top stroke weight: 5 pt

All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIGN TYPE

PRG2 Playground Regulatory Totem

TECHNICAL SPECIFICATIONS

- A.**
Sign Panel: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.**
Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.**
Timber panel base (class 1 hardwood timber or similar). Material to be reviewed by signage contractor

INSTALLATION

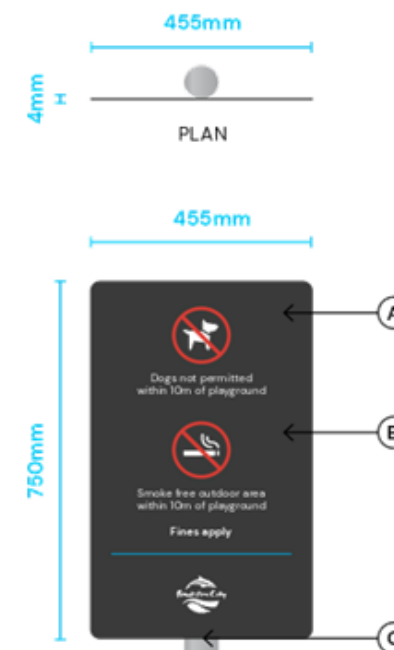
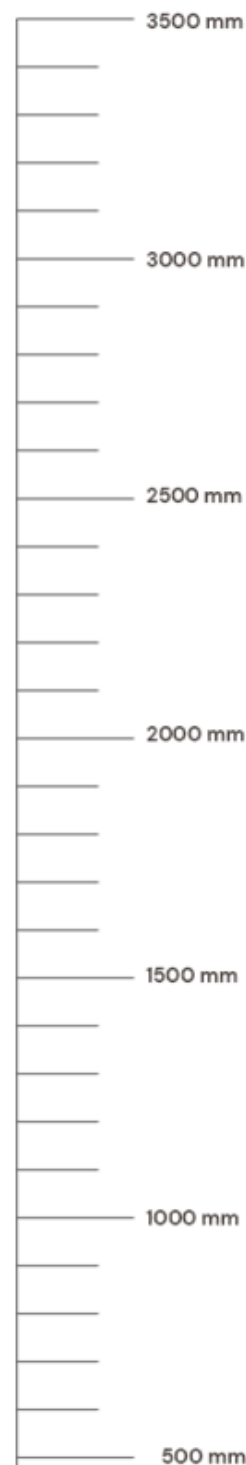
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications

- FOR GRAPHIC SPECIFICATIONS
SEE PRG1

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

100

SIGN TYPE

PRG3 Playground Regulatory Panel

TECHNICAL SPECIFICATIONS

- A.** Sign Panel: 4mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B.** Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- C.** Mounted to standard galvanised pole. Retrofit existing poles where possible

INSTALLATION

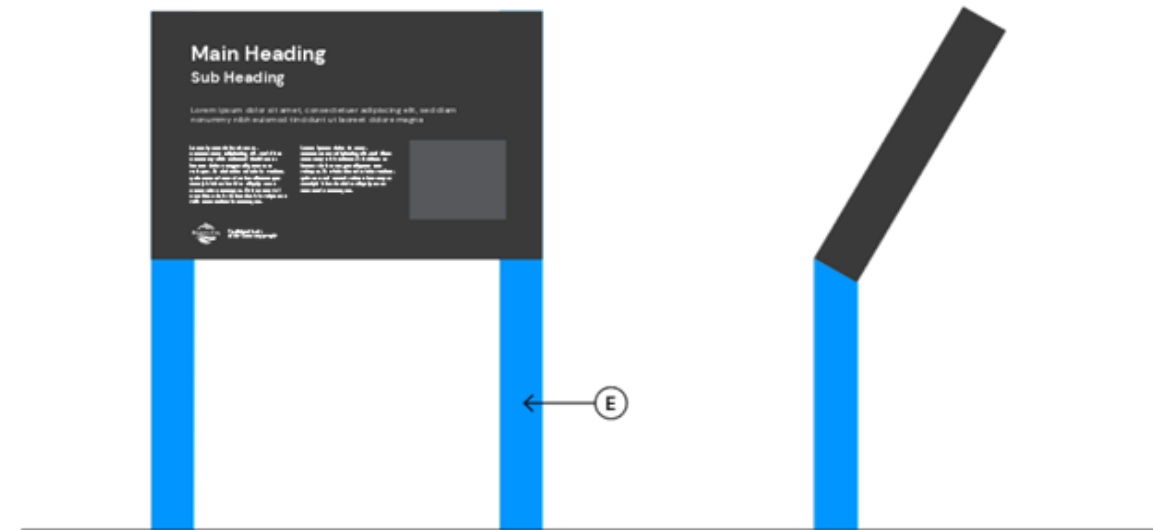
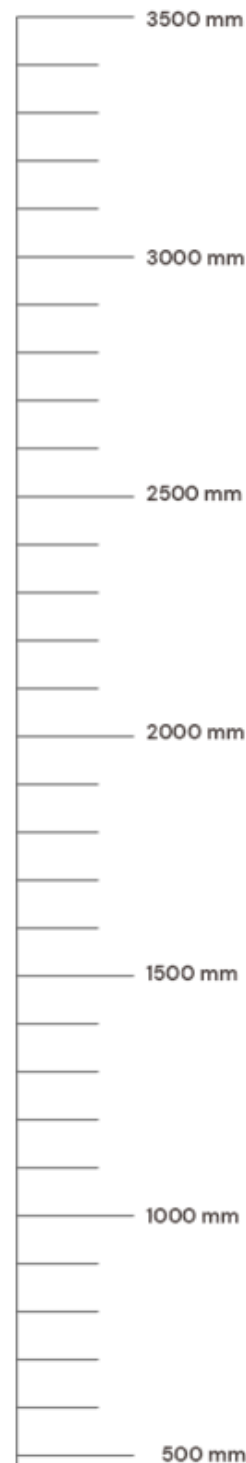
Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

FOR GRAPHIC SPECIFICATIONS SEE PRG1

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
4. All fixings to be concealed, fixings should not overlap with artwork.
5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

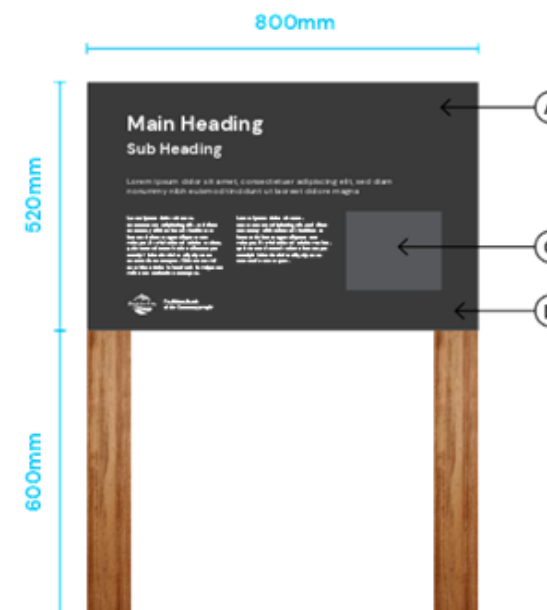
PRECEDENTS



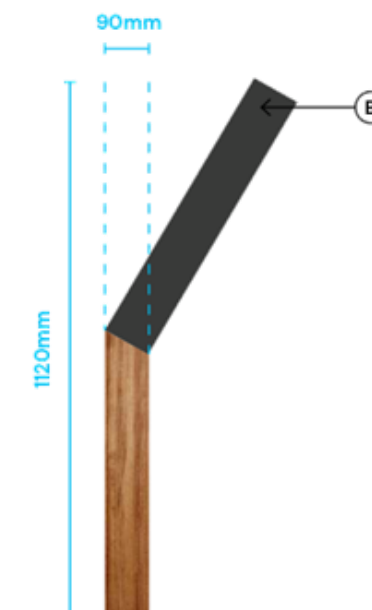
SIDE A - MATERIAL OPTION



PLAN



SIDE A



PROFILE

SIGN TYPE

INT1 Freestanding Interpretive Sign

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 4mm Aluminium painted in two-pack polyurethane
Panel Colour: Pantone 433C
Finish: Matte
- B. External edge: External edge painted in two-pack polyurethane
Colour: Pantone 433C
- C. Graphics: Computer cut vinyl printed graphics applied direct to panel face.
Finish: Protective clear coating (Satin) applied over panels
- D. Artwork panels adhered to an internal 3mm mounting plate, screw fixed to a RHS galvanised steel frame
- E. OPTIONAL: 3mm Aluminium painted in two-pack polyurethane
Panel Colour: Dulux Water Raceway
Finish: Matte

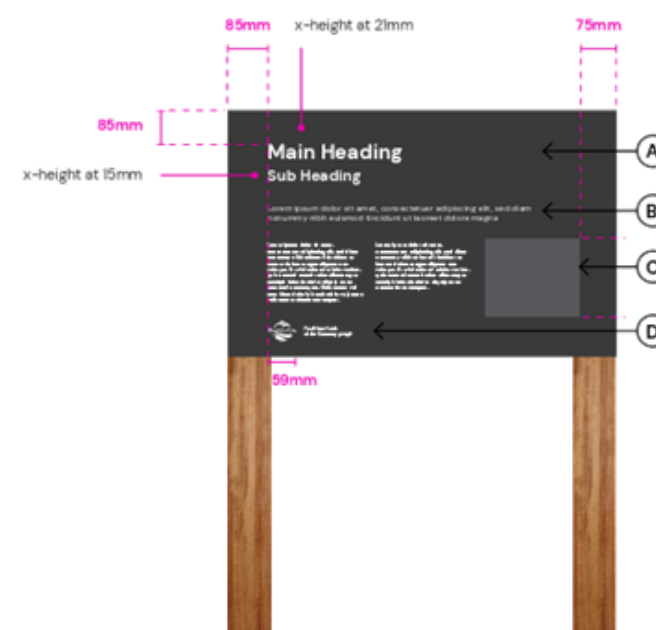
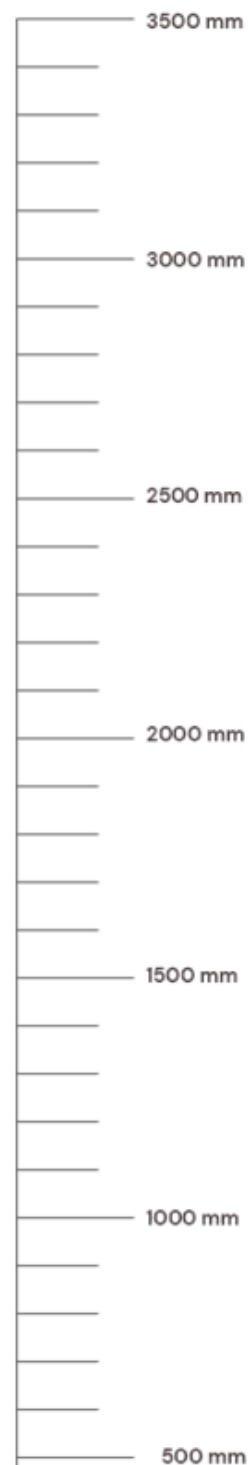
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
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5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
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8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

102

SIGN TYPE

INT1 Freestanding Interpretive Sign

GRAPHIC SPECIFICATIONS

A.
Font: DM Sans
Font Weight: Bold
Font Colour: White
Main Heading Font Size: 120 pt
Sub Heading Font Size: 90 pt

B.
Font: DM Sans
Font Weight: Regular
Font Colour: White
Introduction Font Size: 50 pt
Body Content Font Size: 30 pt

C.
Imagery placeholder if needed

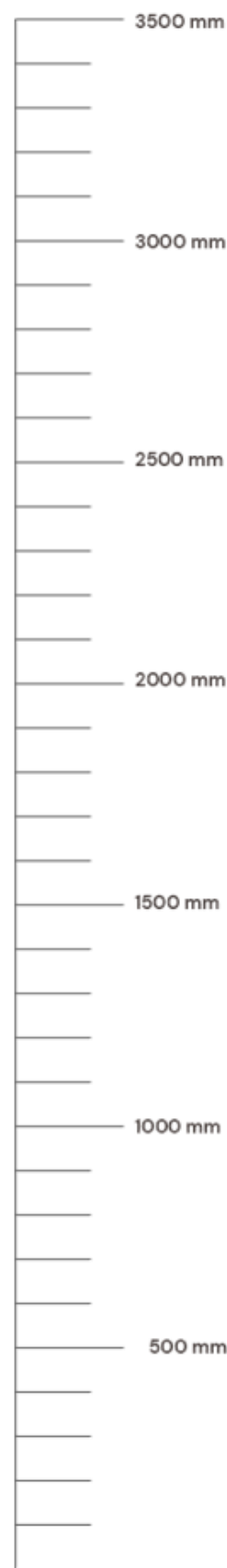
D.
Logo Colour: White

INSTALLATION

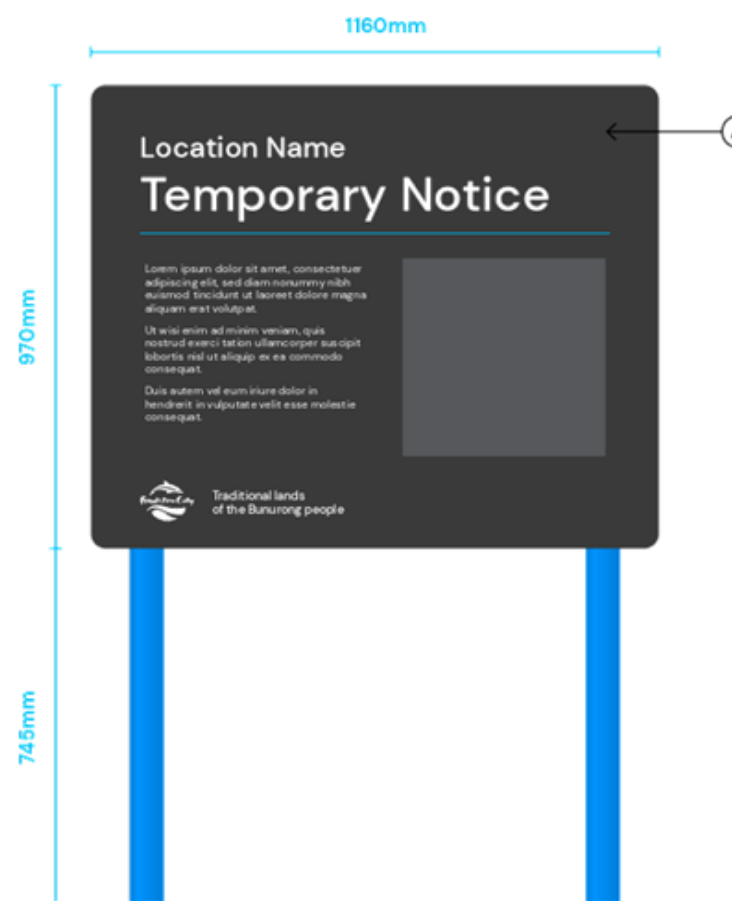
All type to be left aligned
All measurements are in millimetres.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A - FENCE MOUNTED



SIDE A



PROFILE

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

103

SIGN TYPE

TW1 Temporary Works Signage (Fence Mounted)

TECHNICAL SPECIFICATIONS

- A. Sign Panel: 3mm or 5mm corflute (or similar material). Print graphics direct to corflute.
- B. Mounted to substrate

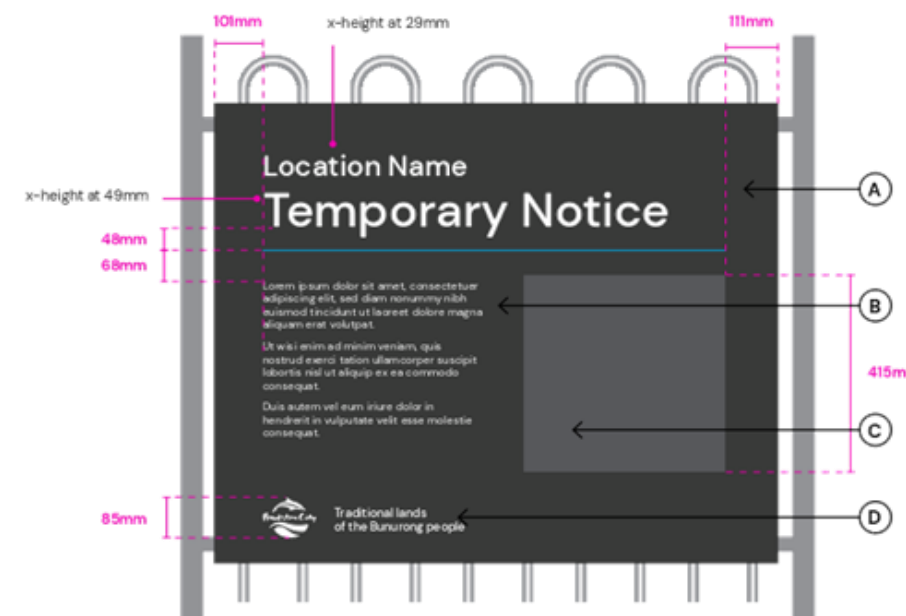
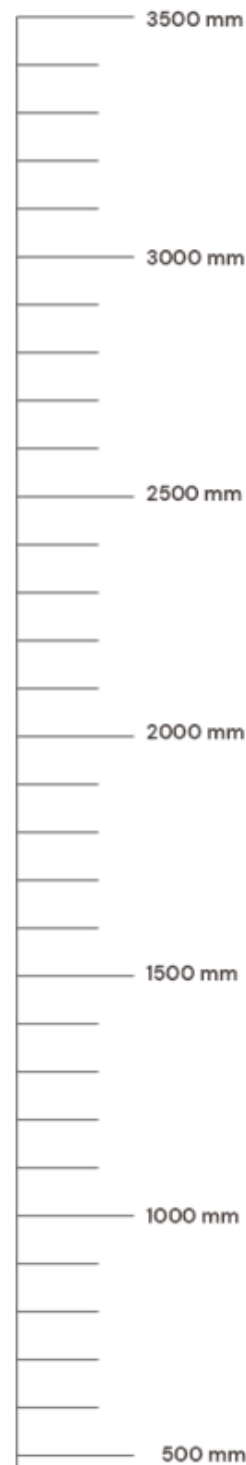
INSTALLATION

Mounting details indicative only. Structure, fixings and footings to be prepared according to manufacturer's specifications.

1. All measurements are in millimetres.
2. Mounting details indicative only, to be reviewed by signage contractor.
3. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
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5. All outdoor signage should have clear UV and anti graffiti coating.
6. All signage to have clear protective coating (satin) unless otherwise specified.
7. Structure and fixings subject to contractors engineering specifications.
8. Anti-theft bolts / screws to be specified by signage contractor.
9. ASPECT Studios to review and approve all drawings prior to manufacturing.
10. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

4 SIGNAGE SPECIFICATIONS

PRECEDENTS



SIDE A

DATE
27/10/2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

104

SIGN TYPE

TW1 Temporary Works Signage (Fence Mounted)

GRAPHIC SPECIFICATIONS

A.
Font: DM Sans
Font Weight: Medium
Font Colour: White

Location Name Font Size: 168 pt
Temporary Notice Font Size: 280

B.
Font: DM Sans
Font Weight: Regular
Font Colour: White
Font Size: 65 pt

C.
Imagery placeholder

D.
Logo Colour: White

INSTALLATION

All type to be left aligned

Dividing line
Line Colour: PMS 2995 C
Top stroke weight: 7.5 pt

All measurements are in millimetres.

Section 05

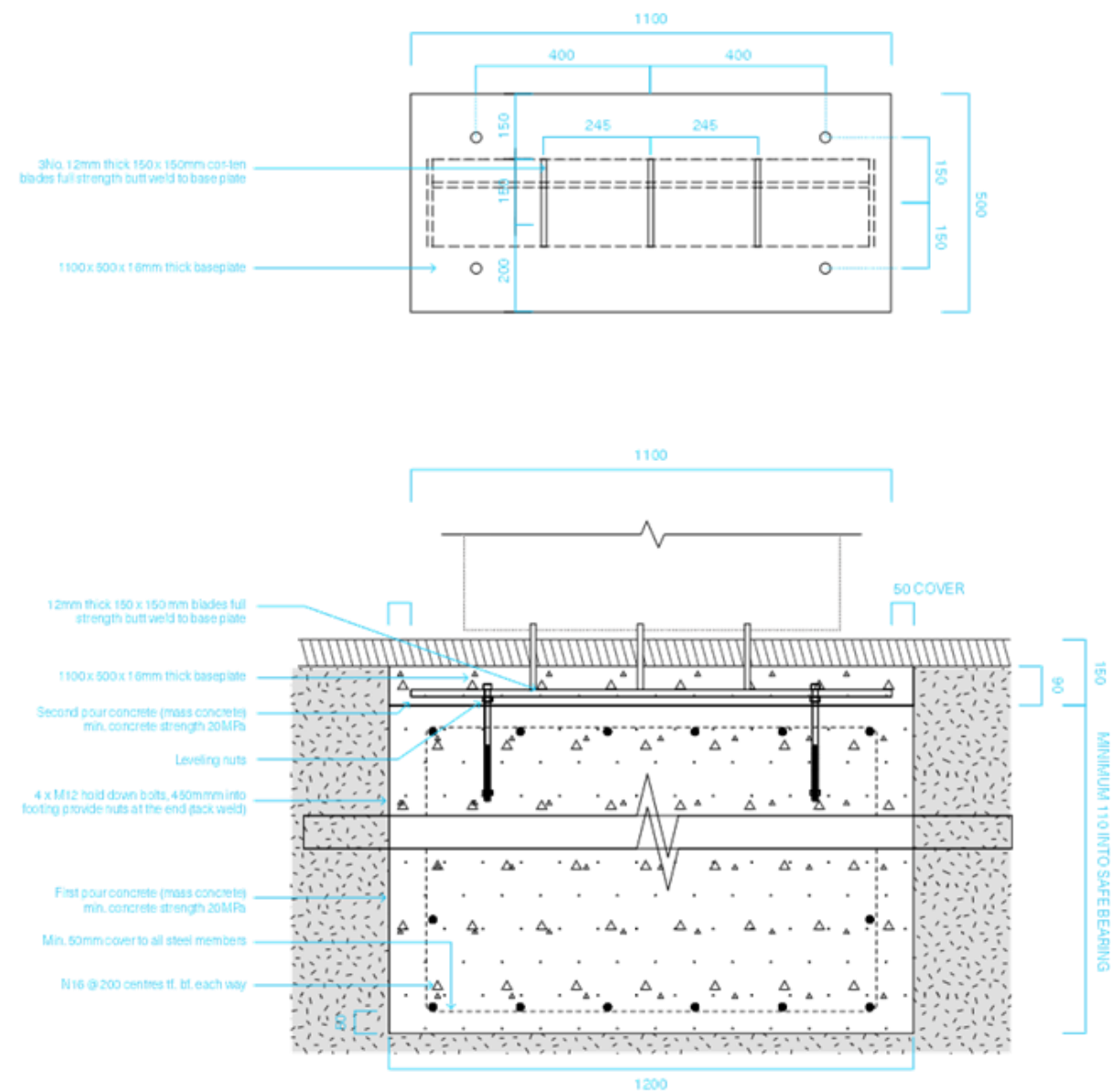
Typical Footings Details

5 TYPICAL FOOTINGS DETAILS

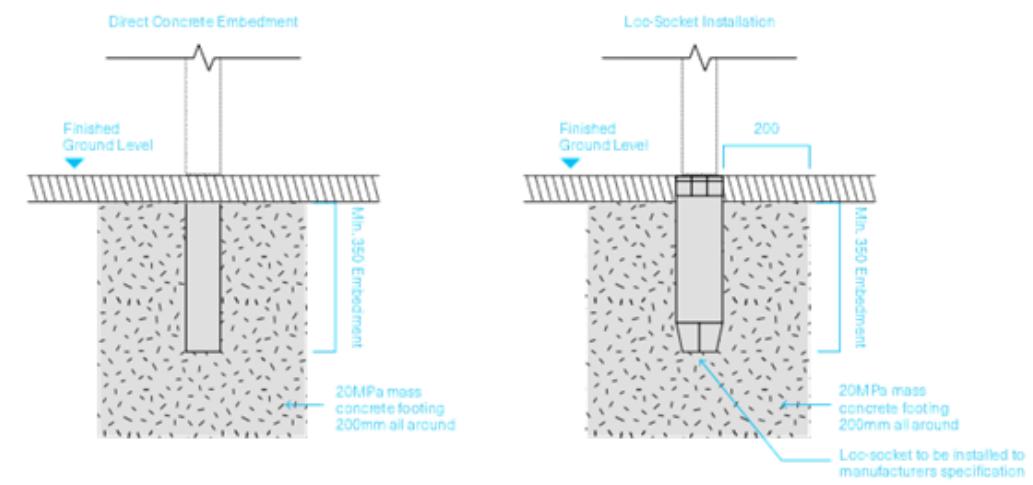
DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

106



SIGNAGE TYPES: PG, SG

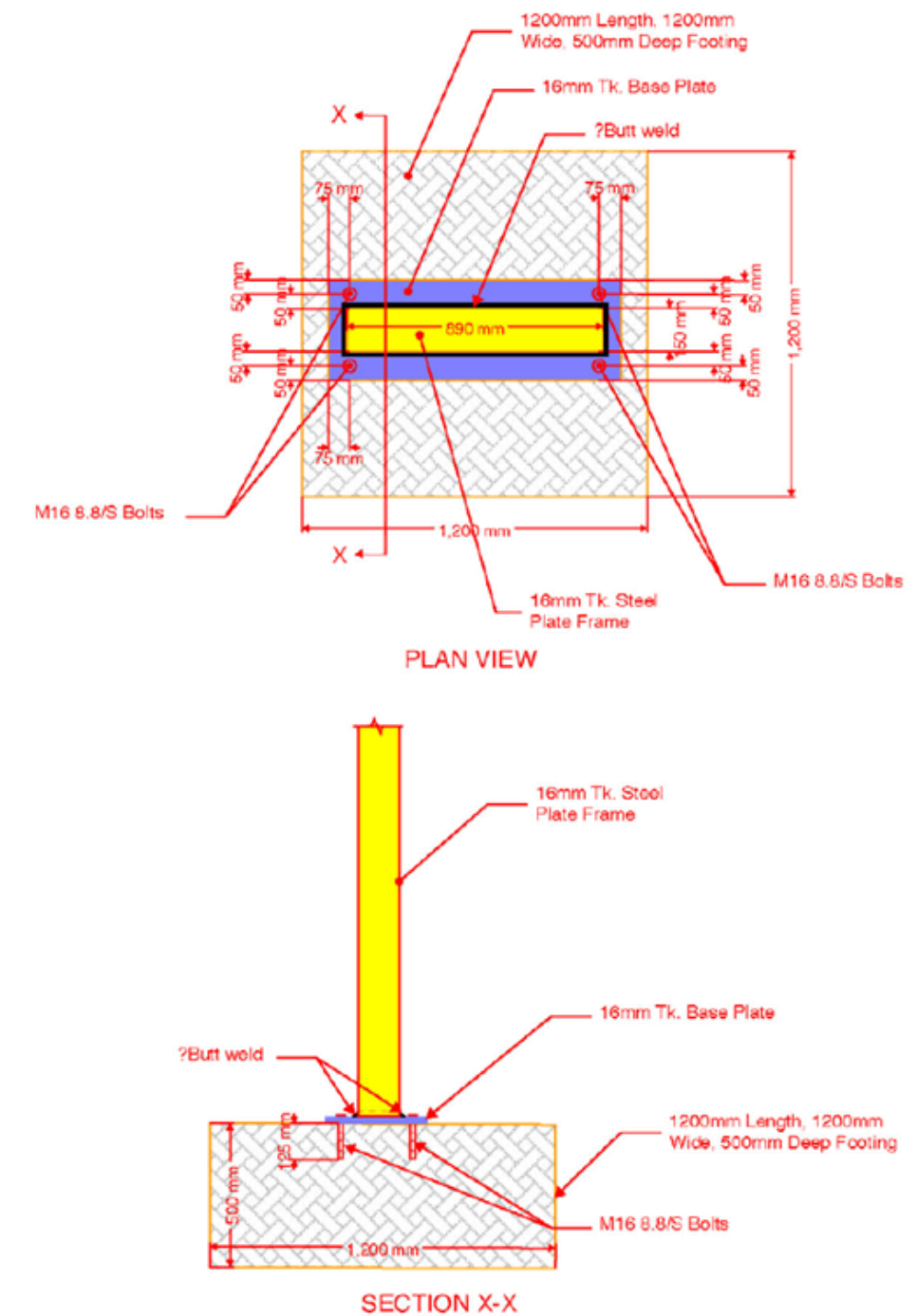
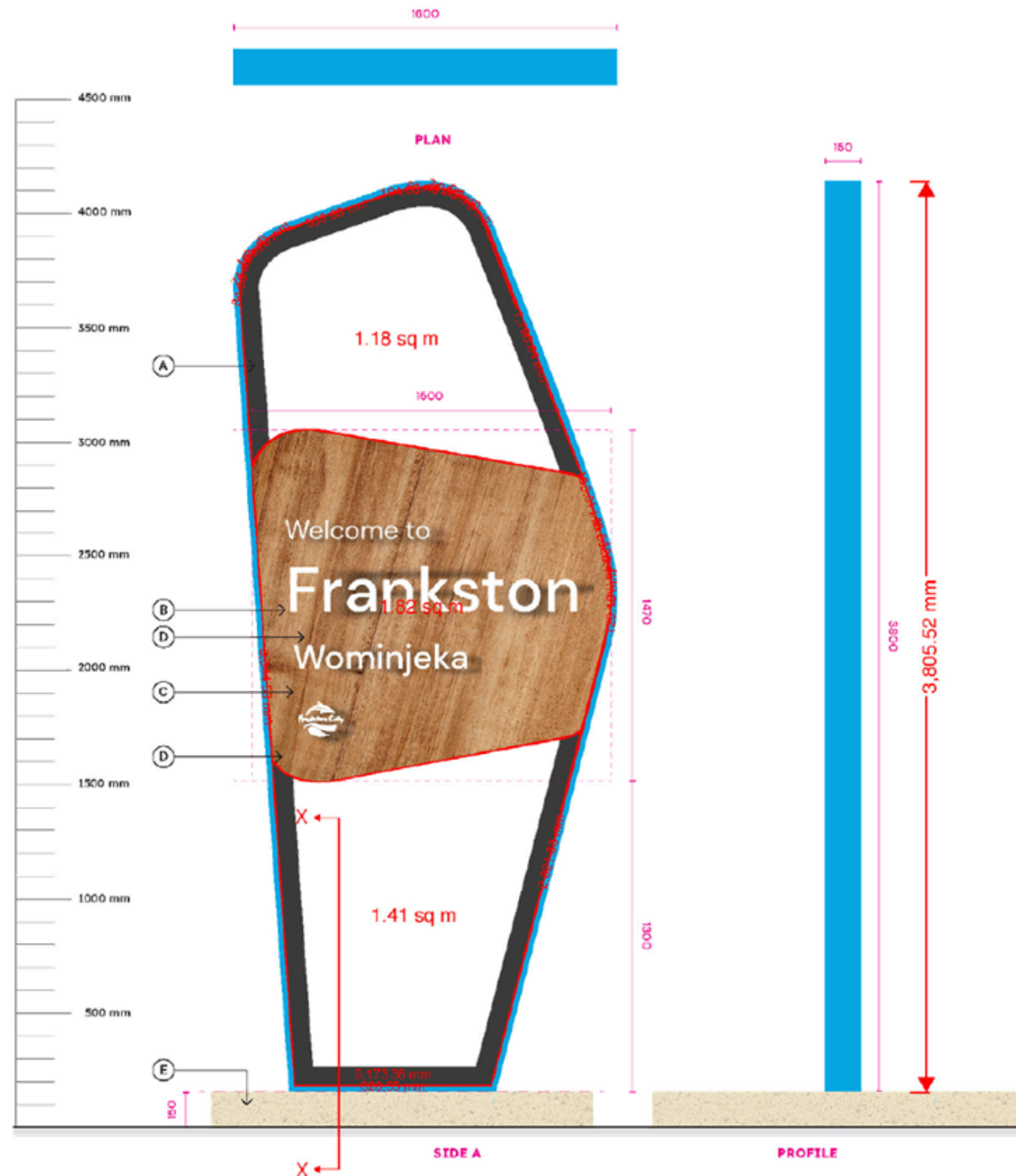


SIGNAGE TYPES: ID1, PID1, PID2

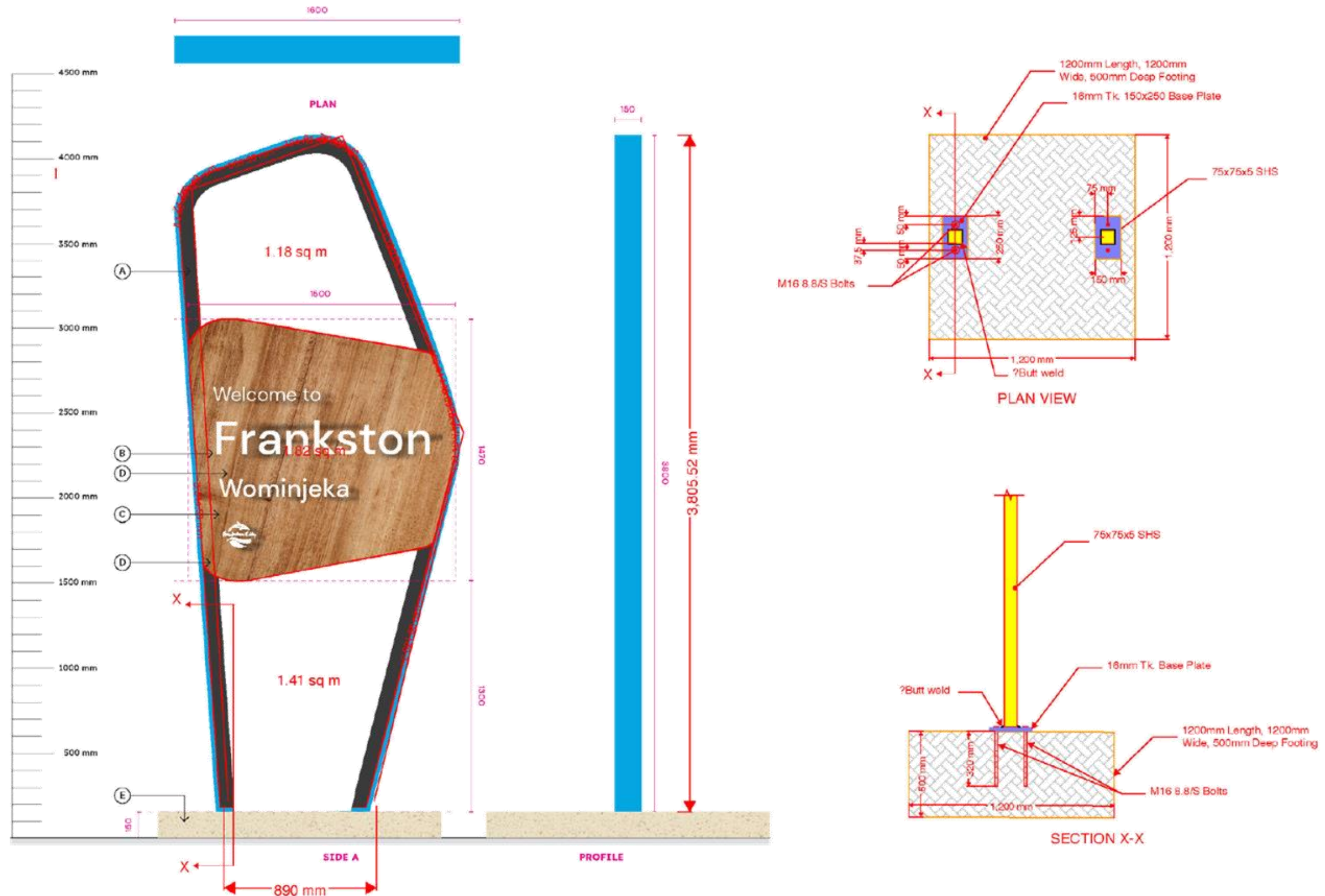
Section 06

Engineering Drawings

Signage Type I - Primary Option - Steel Plate Frame



Signage Type I - Alternative Option - 75x75x5 SHS

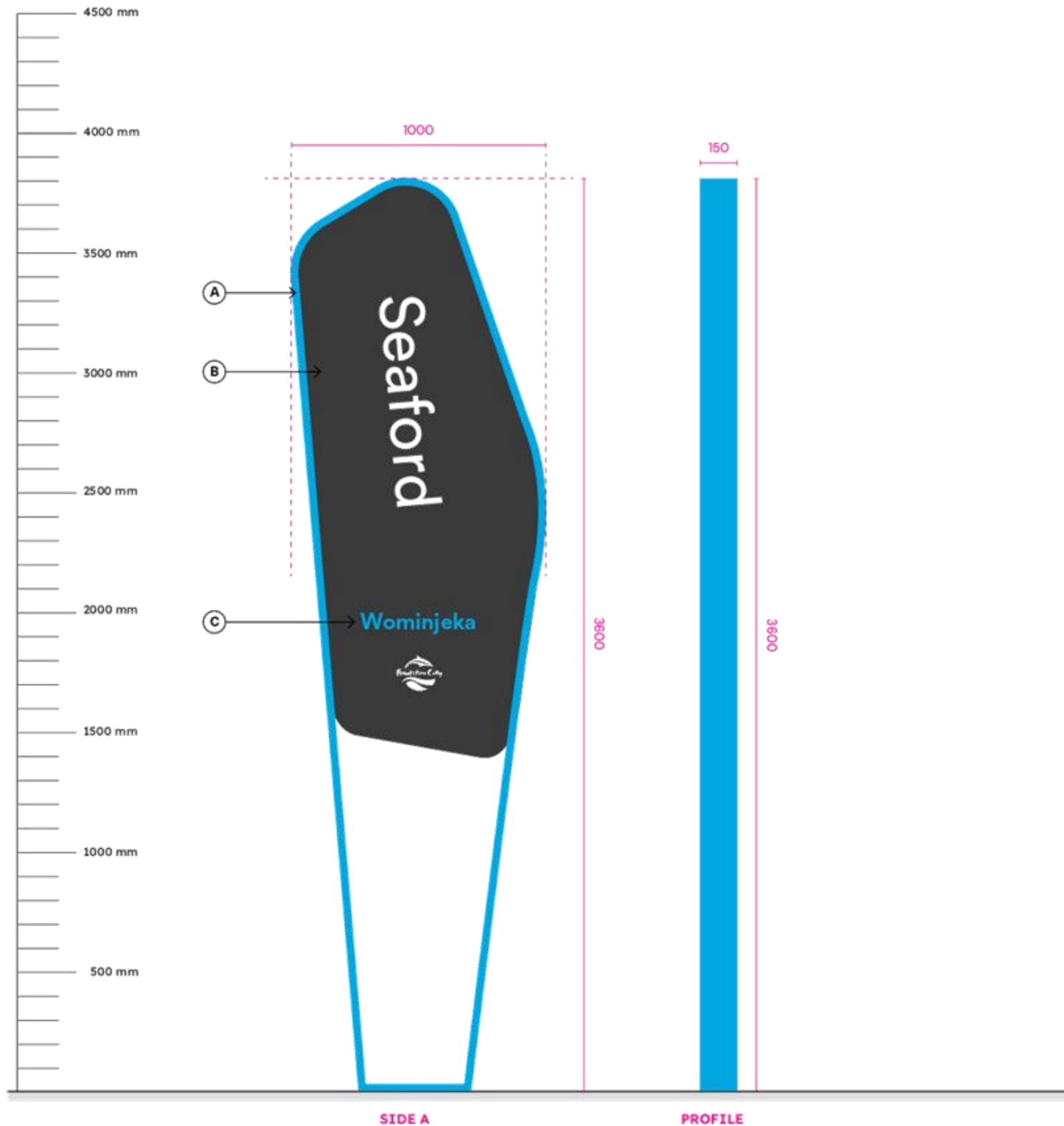


6 ENGINEERING DRAWINGS

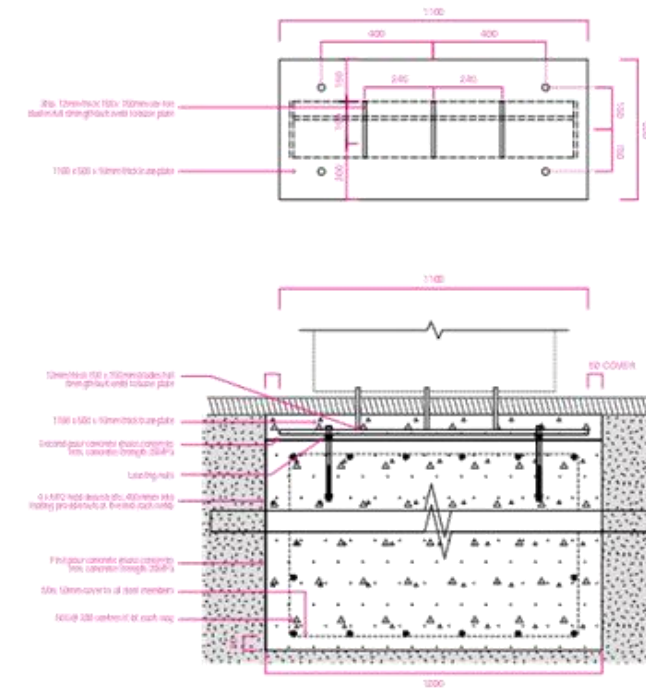
DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

110



FOOTINGS (INDICATIVE ONLY)



SIGN TYPE

GW2

Secondary / Tertiary
Gateway Marker

SPECIFICATIONS

- A.** Frame: Galvanised steel frame structure painted to match selected colour. Colour: **PANTONE TBC or DULUX TBC**
- B.** Sign Panel: 4mm aluminium sign panel painted in two-pack polyurethane. Colour: **PANTONE TBC or DULUX TBC**
- C.** Graphics: Computer cut vinyl printed graphics applied direct to panel face. Finish: Protective clear coating (Satin) applied over panels.

INSTALLATION

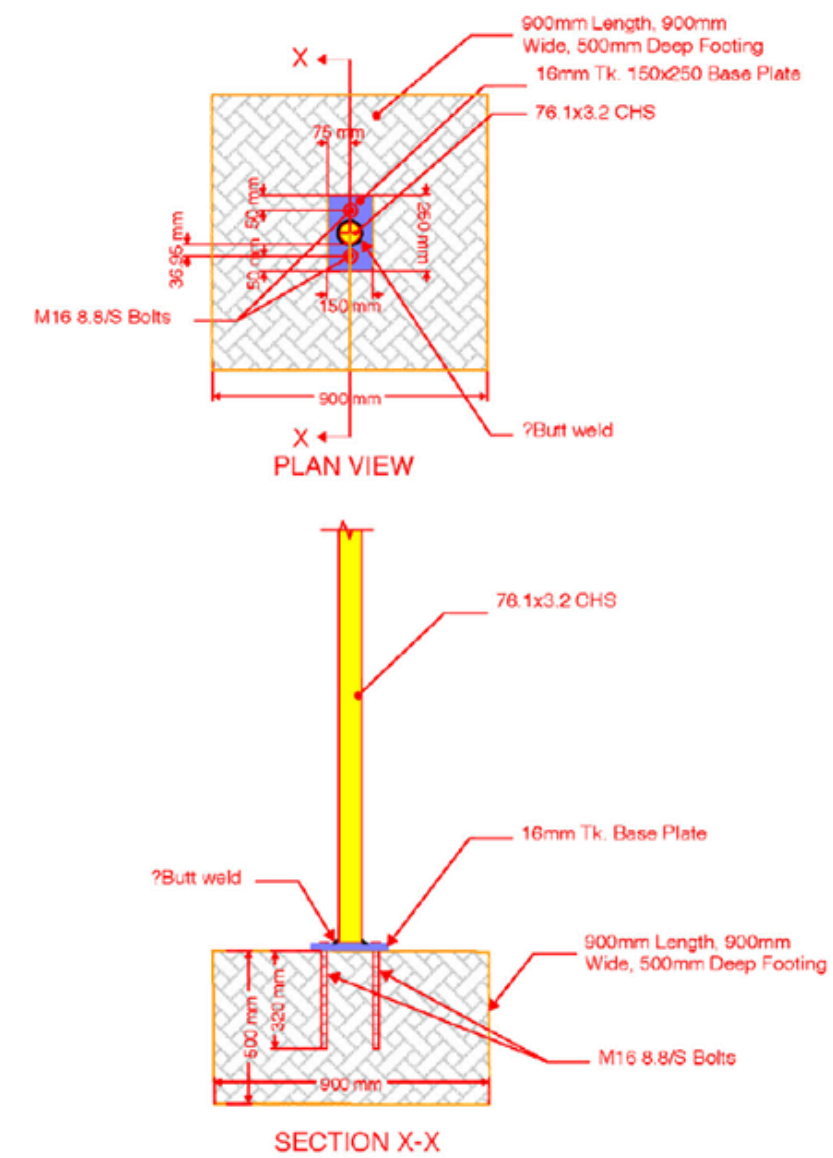
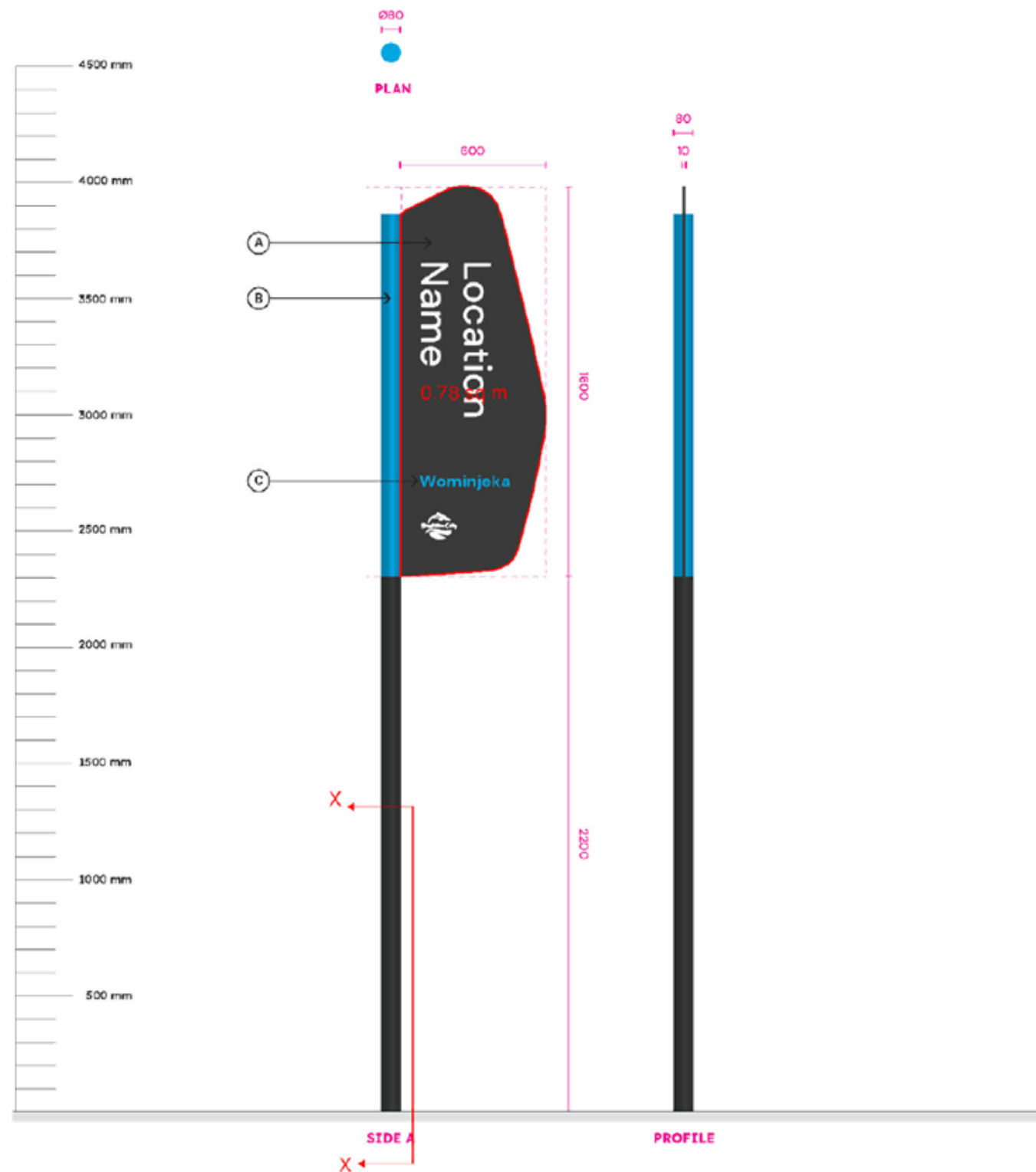
Mounting and footing details indicative only. Structure and fixings to be prepared according to manufacturer's specifications.

PRECEDENTS



1. Messaging indicative only. Refer to the Frankston Signage Schedule.
2. All measurements are in millimetres.
3. Mounting details indicative only, to be reviewed by signage contractor.
4. All locations are approximate and should be used as a guide only. Existing conditions shall be checked and verified by signage contractor before proceeding with the work.
5. All fixings to be concealed, fixings should not overlap with artwork.
6. All outdoor signage should have clear UV and anti graffiti coating.
7. All signage to have clear protective coating (satin) unless otherwise specified.
8. Structure and fixings subject to contractors engineering specifications.
9. Anti-theft bolts / screws to be specified by signage contractor.
10. ASPECT Studios to review and approve all drawings prior to manufacturing.
11. Contractor to supply shop drawings and footing designs for review and approval by project structural engineer.

Signage Type II



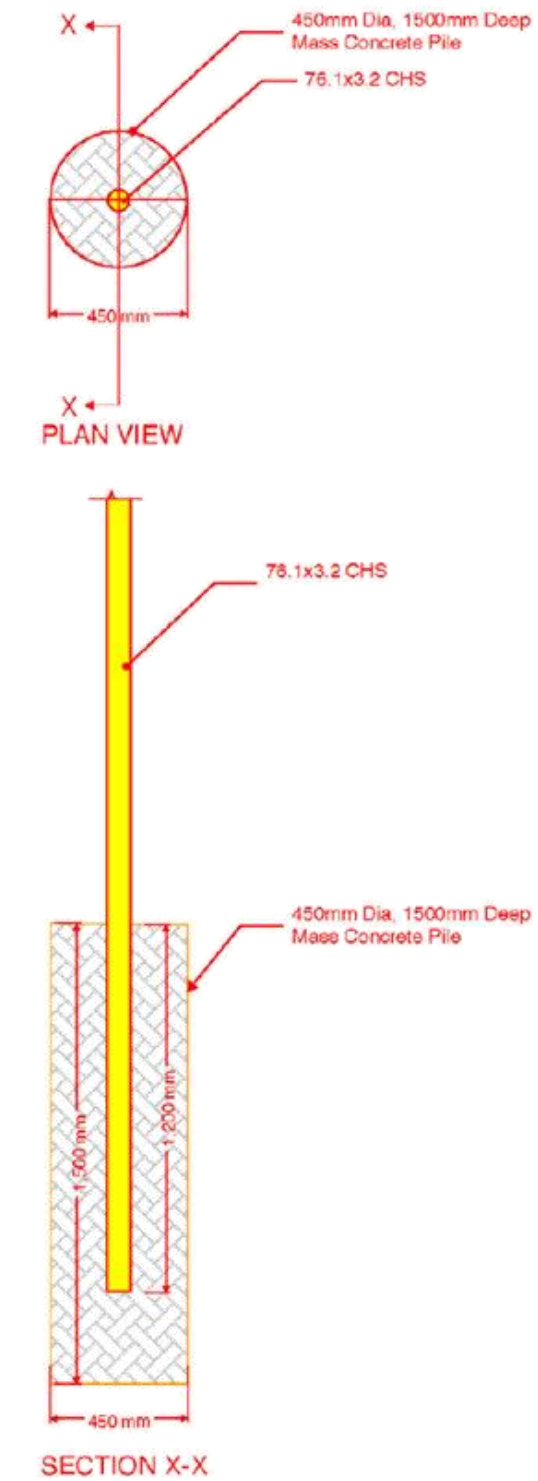
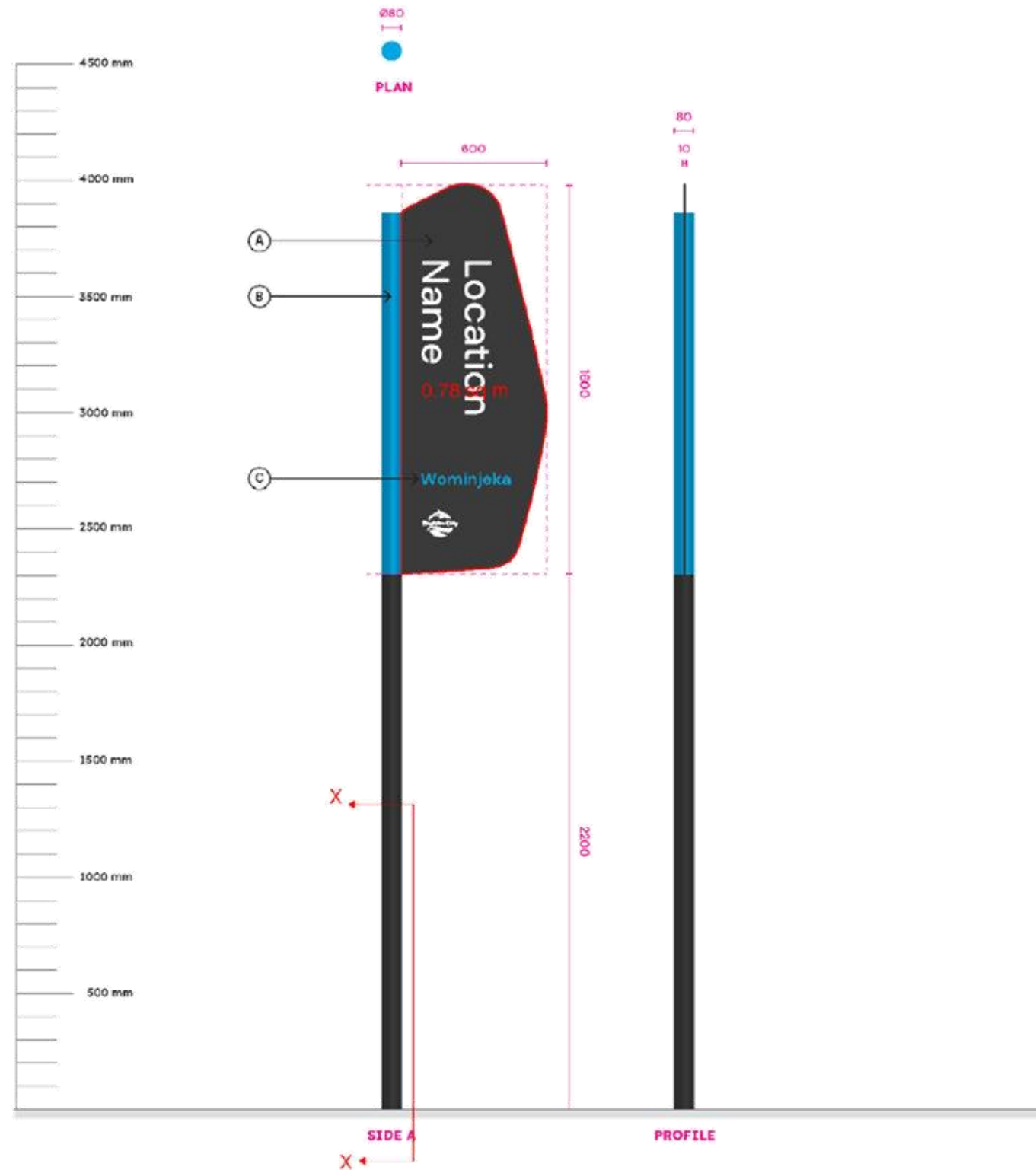
6 ENGINEERING DRAWINGS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

112

Signage Type II - Alternative Option



Section 07

Indicative Location Plans

Indicative Location Plan – Urban

Frankston Station to Foreshore

7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

115

Indicative Location Plan – Urban Frankston Station to Foreshore

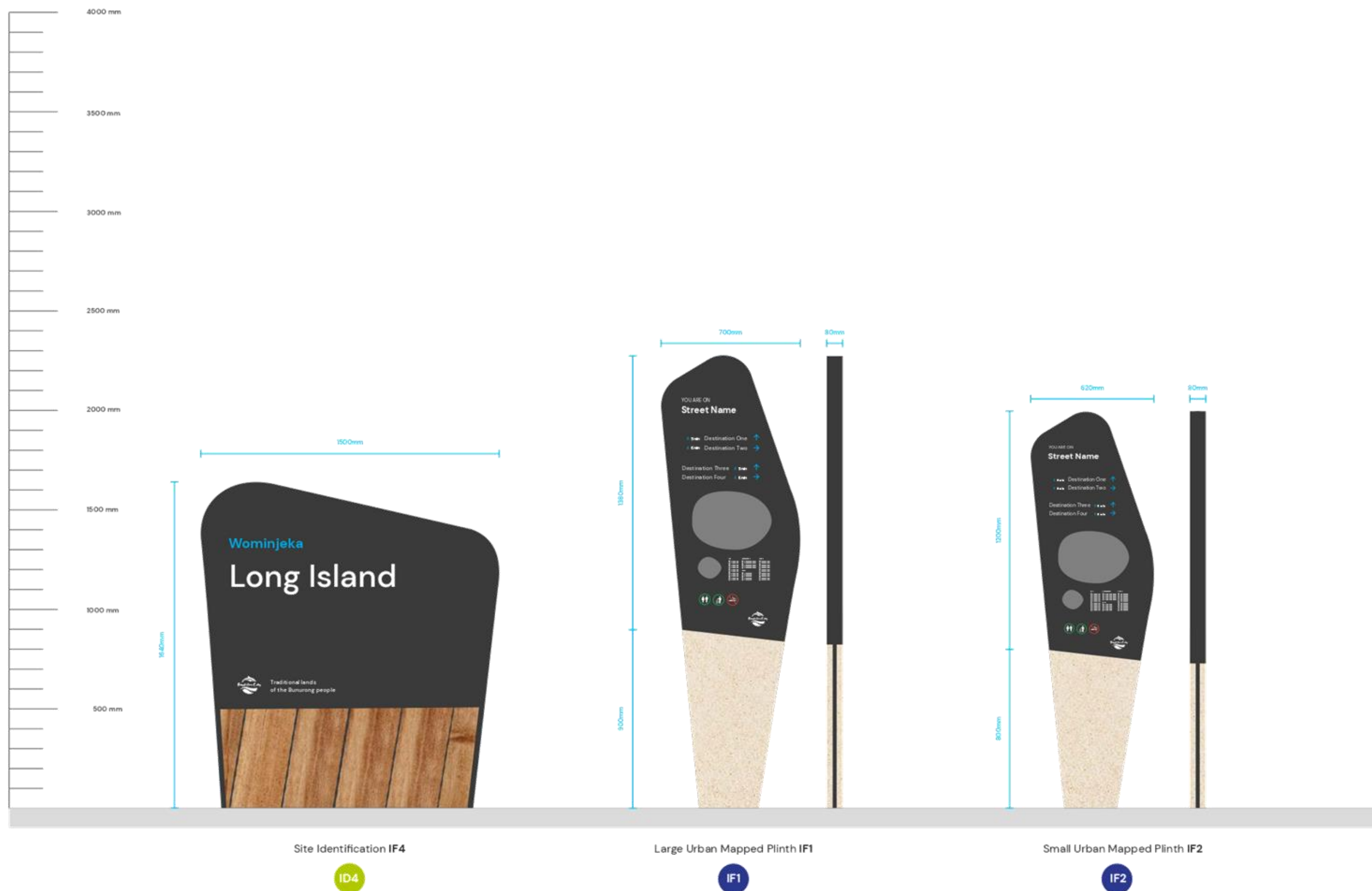


7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

116

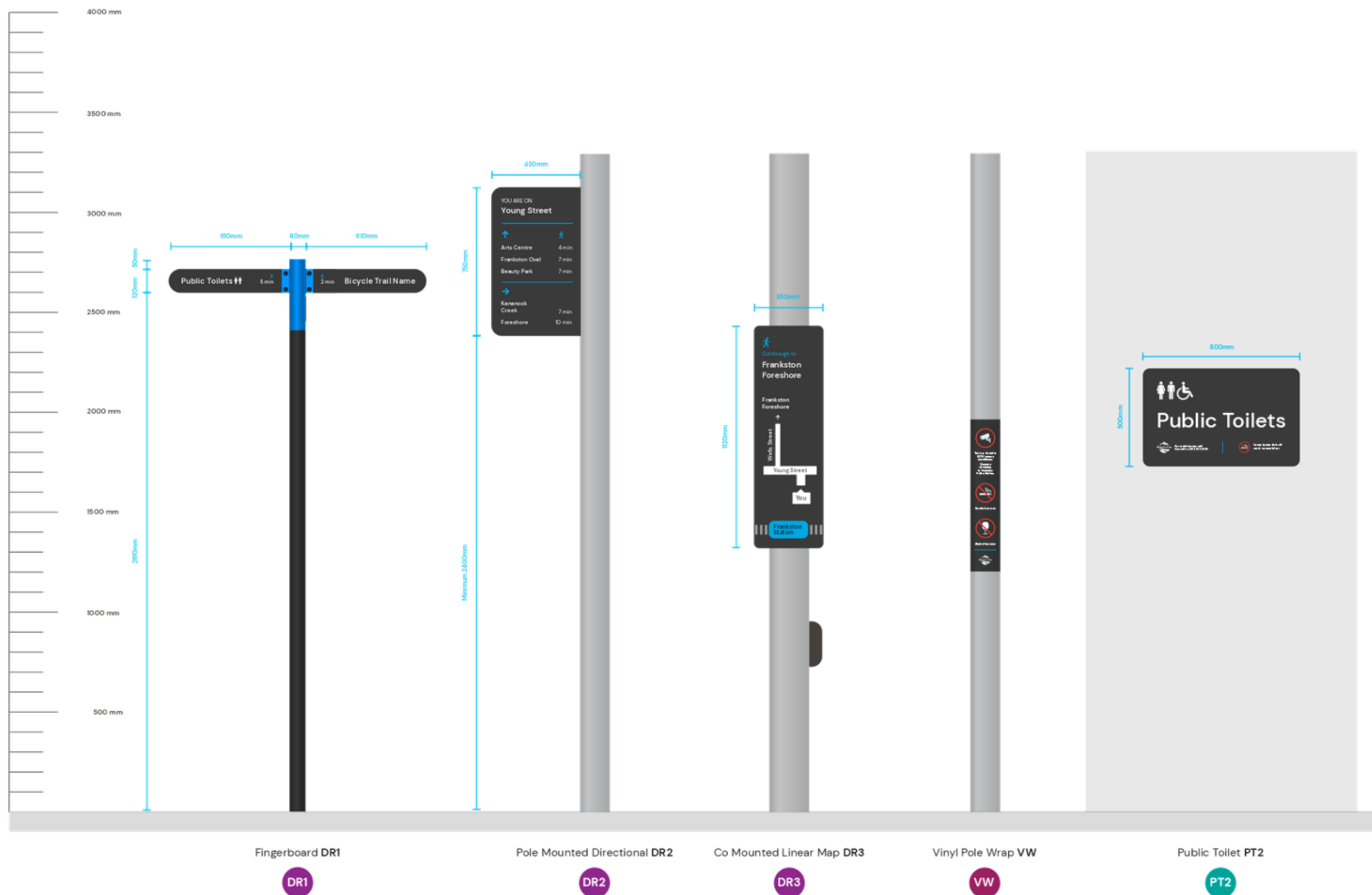


7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

117



Indicative Location Plan – Trail

Frankston to Baxter Trail

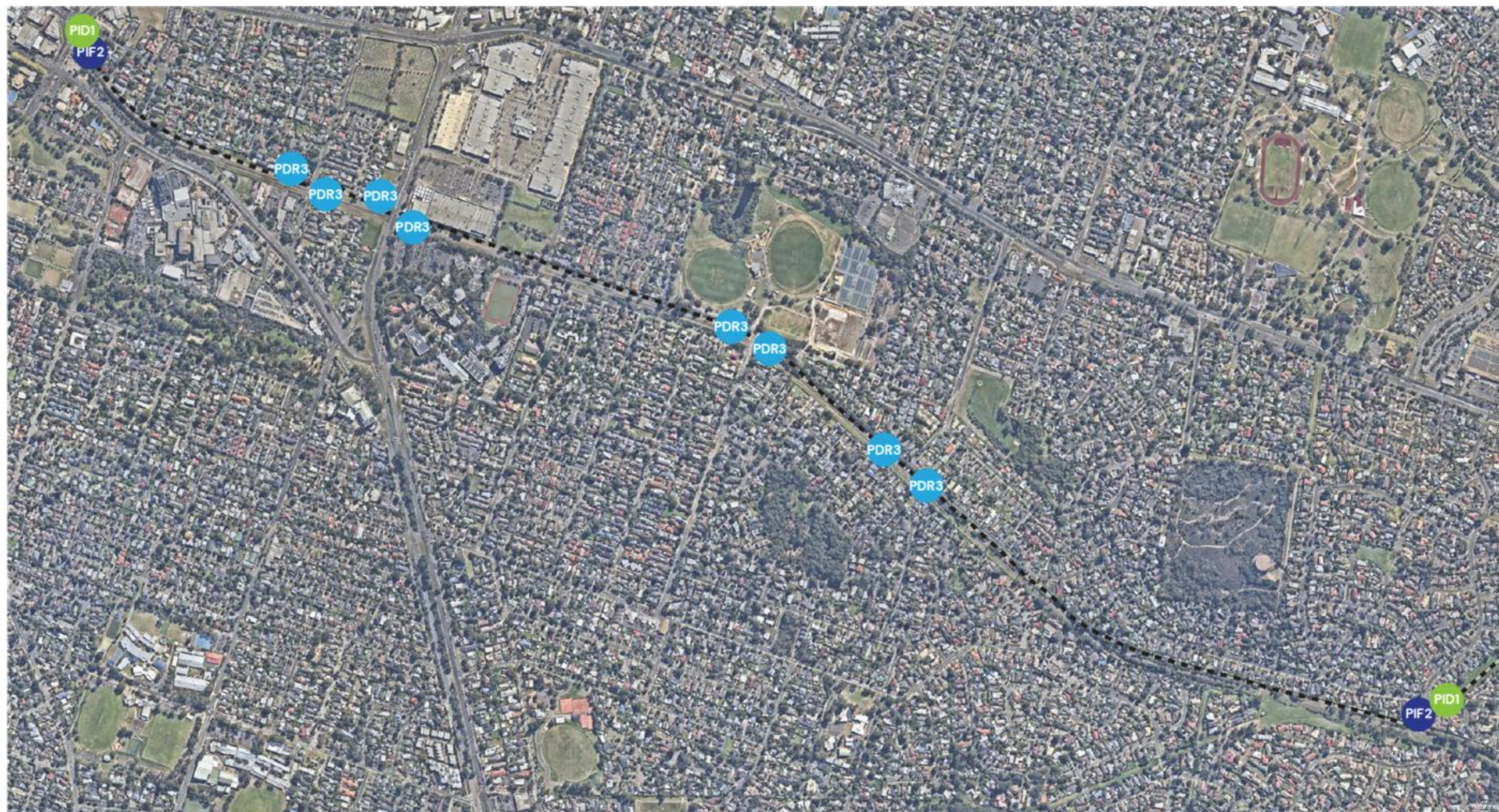
7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

119

Indicative Location Plan – Trail Frankston to Baxter Trail



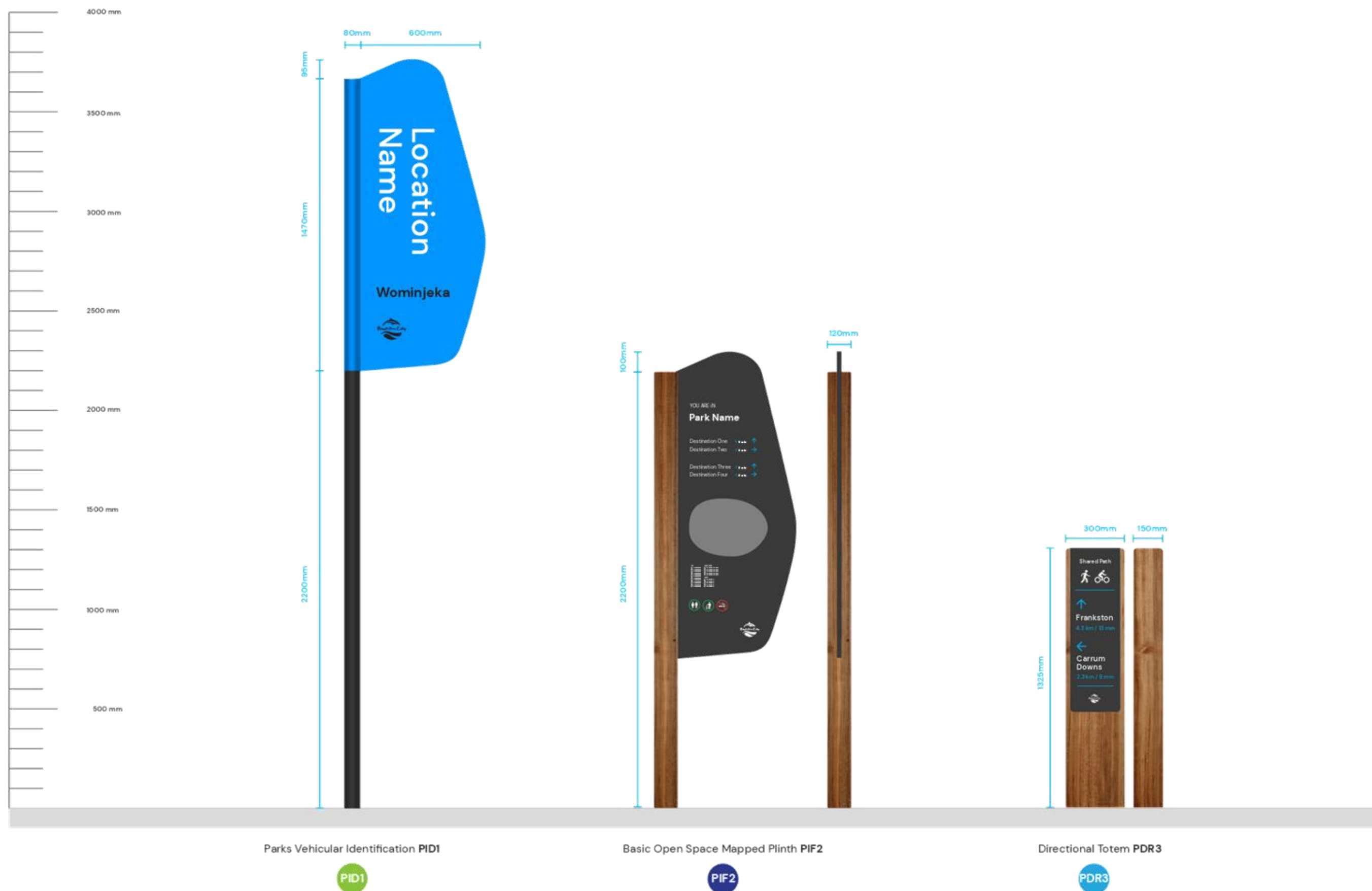
■■■ Bay Trail

7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

120



Indicative Location Plan – Open Space

Large Park – Beauty Park

7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

122

Indicative Location Plan – Open Space

Large Park – Beauty Park



7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

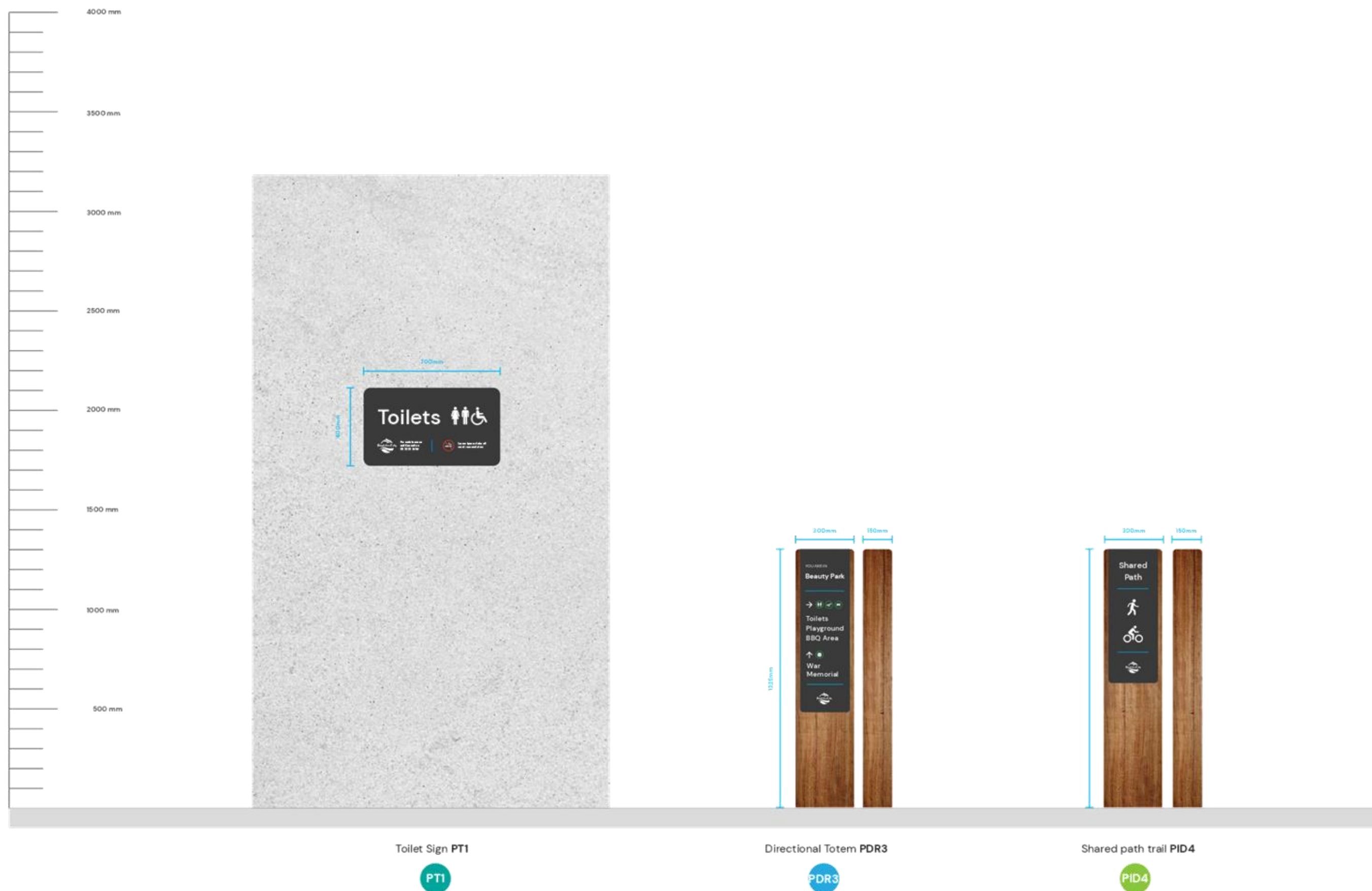
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WAYFINDING STRATEGY & STYLE GUIDE

123



7 INDICATIVE LOCATION PLANS

DATE 27.10.2022 | M21106 FRANKSTON CITY COUNCIL WAYFINDING STRATEGY & STYLE GUIDE | 124



Indicative Location Plan – Open Space

Local Park – Manna Reserve

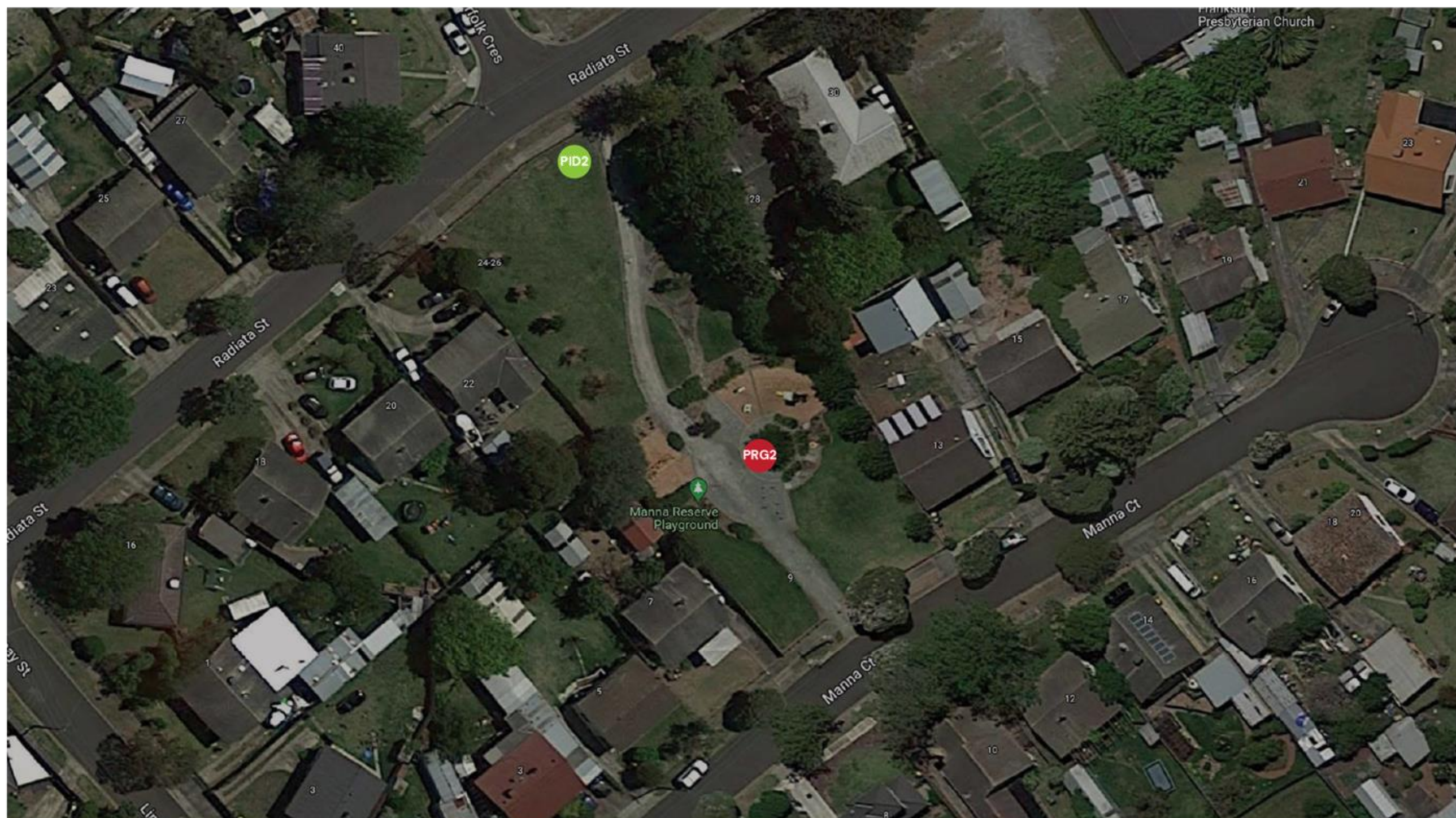
7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

126

Indicative Location Plan – Open Space Local Park – Manna Reserve O1

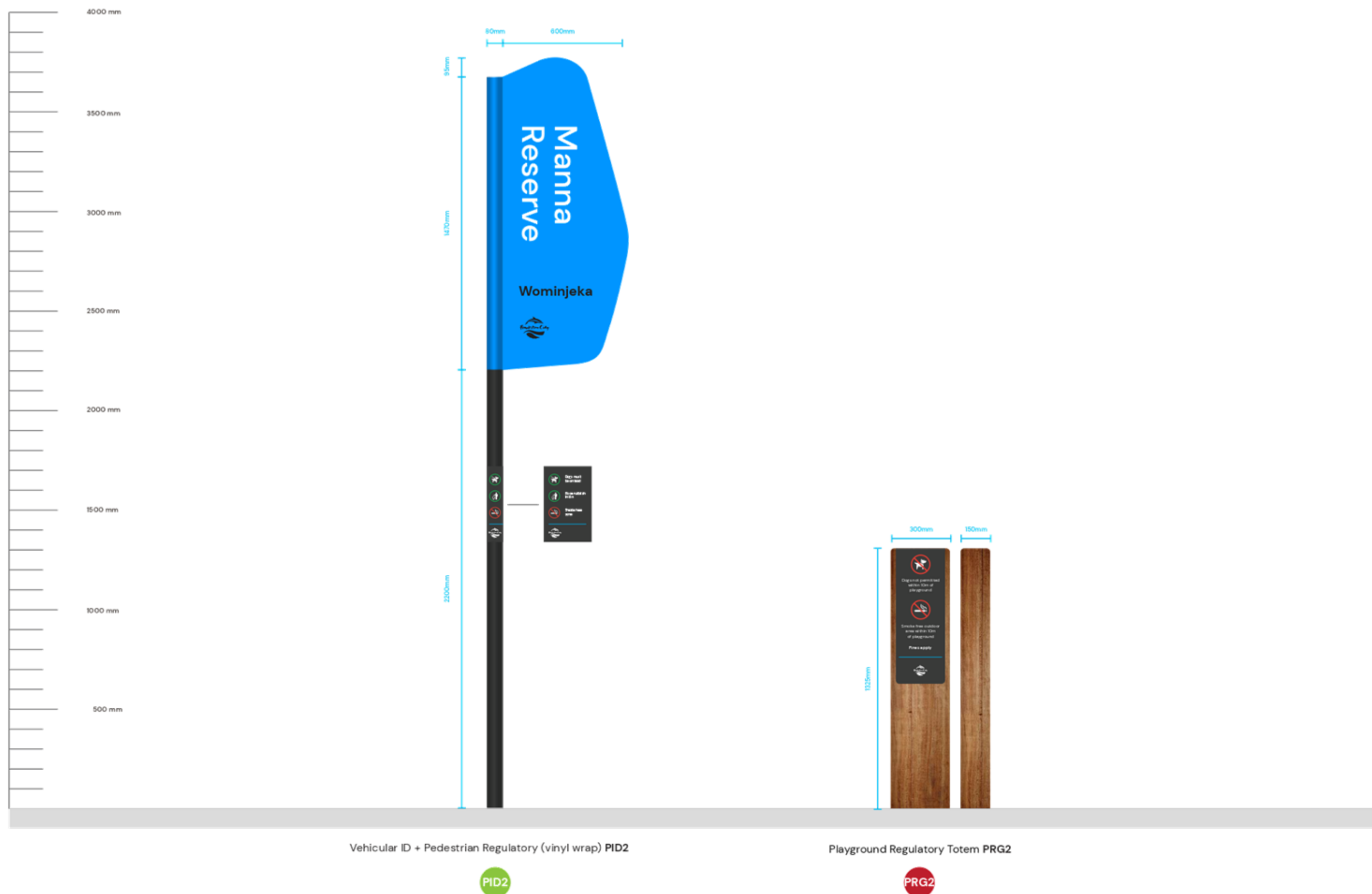


7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

127



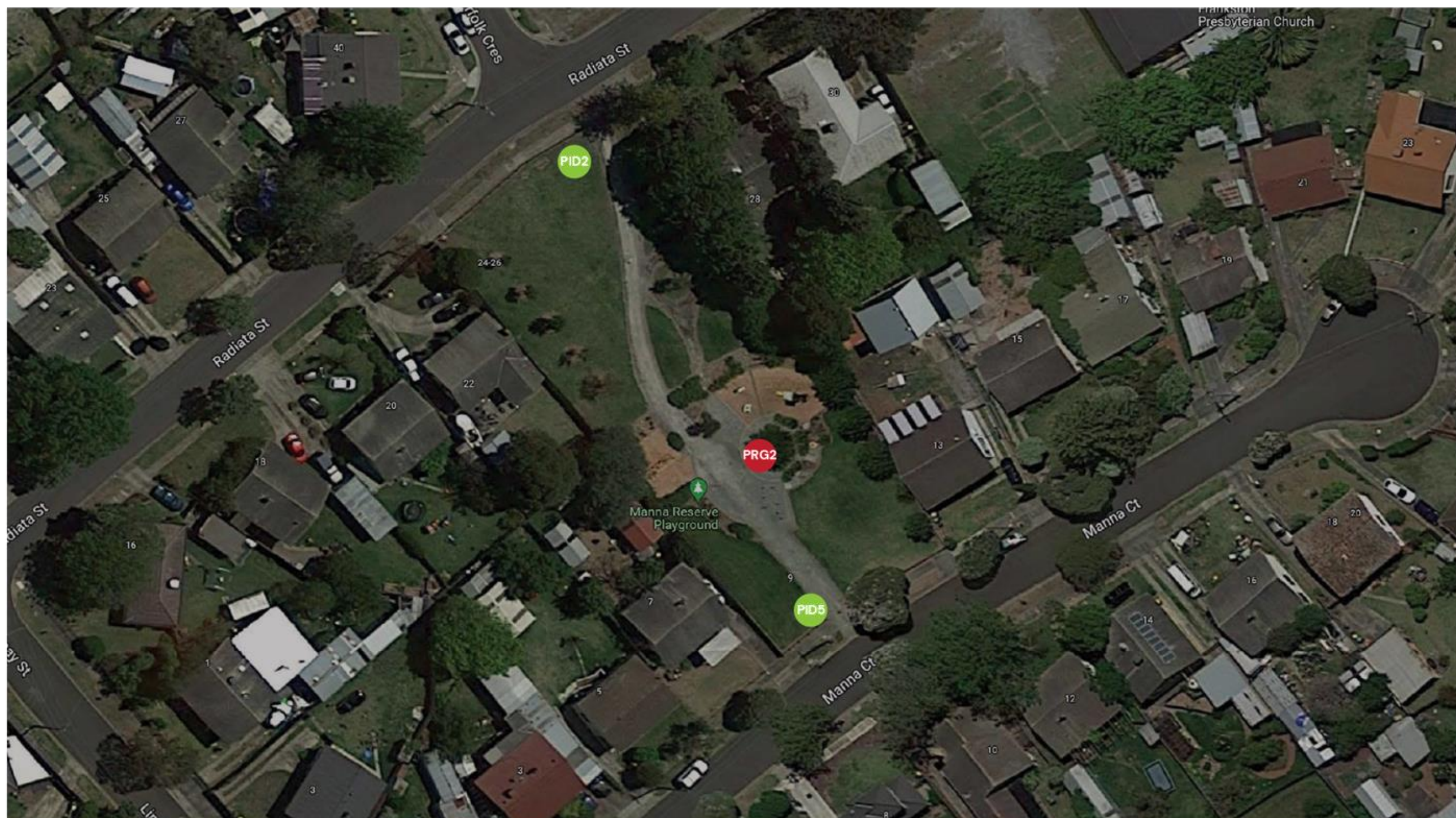
7 INDICATIVE LOCATION PLANS

DATE
27.10.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

128

Indicative Location Plan – Open Space Local Park – Manna Reserve O2



Section 08

Gateways

8 GATEWAYS

Gateway considerations

When planning for gateways, site conditions will have an impact on the installation and fabrication of signage and is therefore necessary to identify these issues during the planning phase.

Considerations

- Signs may require consent under the Road Management Act 2004.
- Any sign placed within the road reserve of the Department of Transport's controlled road, will require approval from the Department of Transport.



Considerations by Department of Transport:

- Location and orientation of the proposed sign
- Luminance of the proposed sign
- Complexity of the surrounding area for transport users Road safety
- Efficiency of the transport network and future improvement works planned
- Other aspects may be considered depending on the individual application

Gateway Typical Forms to Suite Environment

- Vertical gateway markers that announces entry to the LGA, placed at key entry points;
- Vertical suburb markers that mimics the gateway markers at a smaller scale, located primarily along major transport routes; and
- Lower, horizontal gateway signs that respond to the wide-open spaces in the LGA's more rural localities.

Parameters

- Sign size
 - Wind pressure
 - High or low risk collision exposure
 - Clear zone distances (Austroads' Guide to Road Design Part 6 Section 4.2.2)
 - Sign supports (usually should have Breakaway supports that are strong enough to support the sign under normal wind load conditions, yet fail in a relatively safe manner when struck by a vehicle).
 - Breakaway posts should be avoided where secondary accidents involving the impacting vehicle or dislodged pole and sign are significant. This is particularly relevant in urban areas where pedestrians may be struck by falling pieces.
- To achieve satisfactory performance of the breakaway supports, the following criteria should be met:**
- Minimum 2.1m clearance above the ground to sign edge to avoid penetration of an impacting vehicle windscreen.
 - Proper functioning of the slip base depends on control of clamping pressure between the base plates produced by bolt tensioning. It is important for the specified bolt torque to be adhered to. The drawings specify shop assembly of slip bases, to minimise the inaccuracies of torque controlled bolt tensioning. Pre-assembled slip bases will also enable supports to be plumbed prior to pouring concrete footings.

- For CHS / RHS posts, the fuse plate hinges have been designed to resist 45% of the post moment capacity. Signs with panel height ('B') greater than 165% of the clearance ('H') between the ground and sign produce a bending moment which exceeds the fuse plate hinge capacity. For these signs the post size should be increased to the next section size. The allowable panel height is then twice the clearance.
- To maximise road safety and minimise cost, the intention should always be to locate signs in 'low risk' regions where breakaway posts are not required.

'Low risk' regions are:

 - Outside the Clear Zone
 - Behind a guard rail or other barrier device, or
 - At the bottom of a steep embankment or top of a steep cutting.
- Sign footings
- Sign gantries or cantilevers should be designed in accordance with the design criteria for bridges and other structures

8 GATEWAYS

DATE
03.11.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

132

Gateway typologies

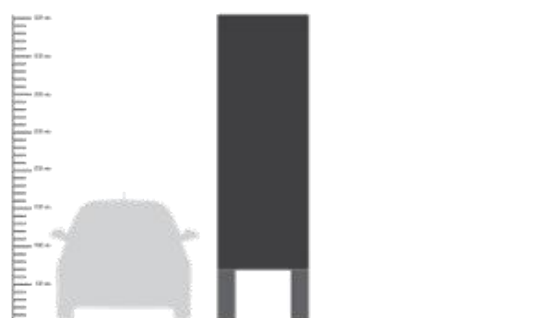
Feature Gateways

Feature gateways are used where there is the opportunity for a sculptural or artistic element at entries into the LGA where space permits.



Primary Gateways

Primary gateways are a great way to reinforce the municipal brand and character of a place. They provide opportunities to convey the personality and essence of the community and can contribute to a sense of municipal pride.



Secondary & Tertiary Gateways

Secondary & Tertiary Gateways are to provide suburb identification and placemaking by creating a sense of 'arrival' for users. It clearly identifies Council as land manager. Secondary Gateway markers can be used for suburb boundaries and for less prominent LGA entry points.

Secondary & Tertiary gateway markers are often considered the workhorse for gateway signage and encapsulate the municipal brand and identity.



Gateway Flag

Gateway flags are an alternative option for Secondary & Tertiary Gateway markers where space is limited. Gateway flags can also be used to identify local shopping strips. Signs are double sided and can state the same name on each side.



Section 08

Preliminary Gateway Locations

8 GATEWAYS

DATE
03.11.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

134

Gateway location overview

A hierarchy of Gateways has been developed to provide a flexible framework for signage types as well as priorities for implementation.

Primary Gateways

Primary Gateways have been positioned at significant access points to the Municipality. When considering the primary gateway locations, these may need more clearances than typical signage so a larger area is needed.

Secondary Gateways

Where there is limited space secondary gateways have been placed. These are still major entries into the LGA however they may not have the area available for larger elements.

Tertiary Gateways

Tertiary gateways can represent boundaries for suburbs, local government areas (where space doesn't permit for a secondary gateway) and the Frankston Metropolitan Activity Centre.

Where possible, gateway signs should be consolidated with suburb signs to reduce the need for over-signing.

KEY

- ★ Feature Gateway Design
- Primary LGA Gateways
- Secondary LGA Gateways
- Tertiary LGA Gateways
- Tertiary Suburb Gateways
- Tertiary FMAC Gateways
- Shopping Districts
- FMAC Boundary
- Frankston City Suburb Boundaries
- Frankston City LGA Boundary



8 GATEWAYS

DATE
03.11.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

135

Primary gateway locations for LGA



Primary entry into Frankston (City) from the Moorooduc HWY for motorists traveling from Moorooduc. Existing gateway location.



Primary entry into Frankston (City) from Nepean Highway for motorists traveling from Mount Eliza. Existing gateway location.



Primary entry into Frankston (Suburb) from Nepean Highway for motorists traveling from Seaford. Existing gateway location.



Entry into Frankston (City) from Cranbourne-Frankston Road for motorists traveling from Cranbourne. Existing gateway is a suburb sign.



Entry into Frankston (City) from Frankston-Dandenong Road for motorists traveling from Dandenong. Existing gateway location, could be moved to opposite side.



Entry into Frankston (City) from Nepean HWY for motorists traveling from Bonbeach. Existing gateway location. Could be located on opposite side.



8 GATEWAYS

DATE 03.11.2022 M21106 FRANKSTON CITY COUNCIL WAYFINDING STRATEGY & STYLE GUIDE 136

Secondary gateway locations for LGA



Entry into Frankston (City) from Frankston-Flinders Road. (Existing gateway is further up next to bus stop).



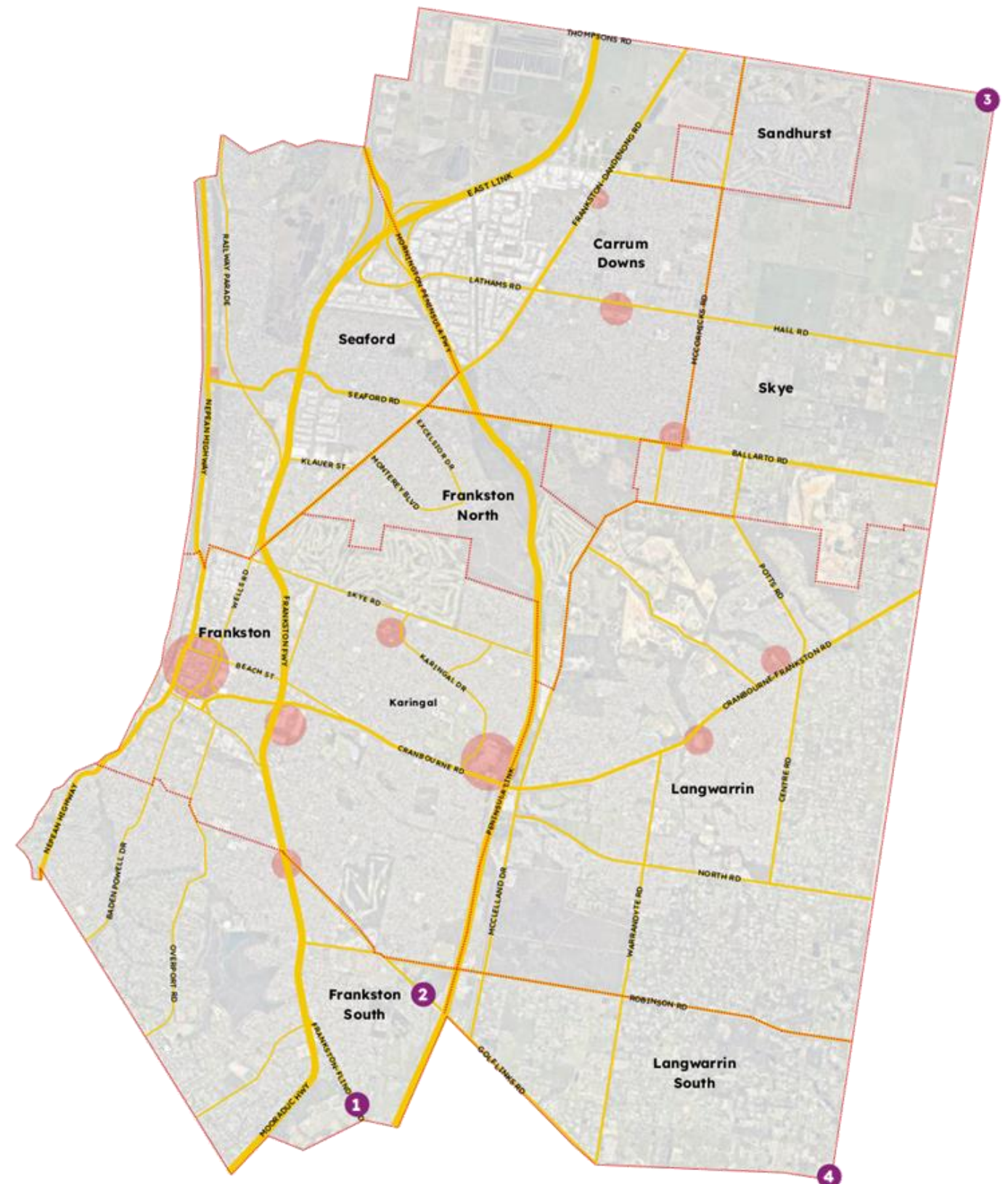
Entry into Frankston (City) from Golf Links Road or motorists exiting off the Peninsula Link.



Entry into Frankston (City) from Thompsons Road for motorists traveling from Cranbourne. Existing gateway location (not on google currently).



Entry into Frankston (City) from the Western Port Highway for motorists traveling from the south & east. Existing gateway location.



8 GATEWAYS

DATE
03.11.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

137

Tertiary gateway locations for LGA



Entry into Frankston (City) existing off the Nepean HWY onto Baden Powell Drive for motorists traveling from Mount Eliza. Existing Reserve signage typology to change.



Entry into Frankston South (City) from Overport Road. Existing gateway is angled towards motorists traveling along Humphries Road.



Entry into Frankston (City) from Rosedale Grove. Google maps (2013) shows an existing pole mounted tertiary gateway sign.



Entry into Frankston (City) from Warandyte Road. Existing gateway location. Opportunity to be taller and moved in front of foliage.



Entry into Frankston (City) from North Road from Cranbourne South.



Entry into Frankston (City) from Ballarto Road from Cranbourne. Existing facilities sign directing to the Frankston Regional Recycling & Recovery Centre (discuss if this is still required).



8 GATEWAYS

DATE
03.11.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

138

Tertiary gateway locations for suburbs



Entry into Frankston North (Suburb) for users traveling from Seaford into Monterey BLVD. Shift existing sign to other side of the road.



Entry into Frankston North (Suburb) for users traveling from Carrum Downs. Existing gateway location is appropriate.



Entry into Seaford (Suburb) from Carrum Downs / Skye for users traveling along Ballarto Road. Limited space in this area.



Entry into Carrum Downs (Suburb) from Lathams Road. Existing gateway location to shift to the other side.



Entry into Sandhurst (Suburb) from Thompsons Road.



Entry into Sandhurst (Suburb) from McCormicks Road.



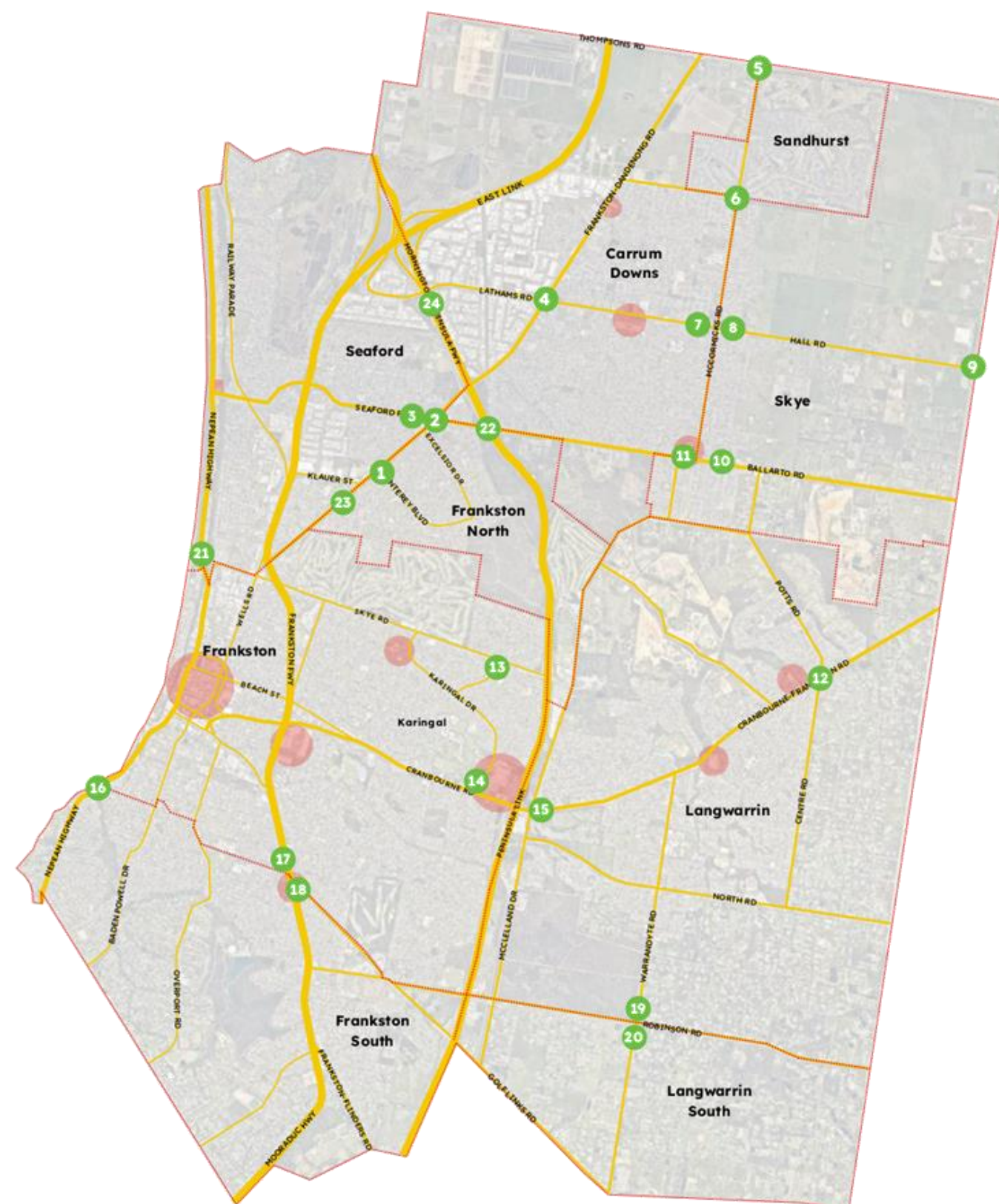
Entry into Carrum Downs (Suburb) from Hall Road.



Entry into Skye (Suburb) from Hall Road for users traveling from Carrum Downs.



Entry into Skye (Suburb) from Hall Road for users traveling from Cranbourne West.



8 GATEWAYS

DATE
03.11.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

139

Tertiary gateway locations for suburbs



Entry into Skye (Suburb) for users traveling from Carrum Downs. Shift sign closer to road edge.



Entry into Carrum Downs (Suburb) for users traveling from Skye.



Entry into Langwarrin (Suburb) for users traveling along Cranbourne-Frankston Road coming from Cranbourne. Existing location is appropriate.



Entry into Karingal (Minor Suburb) from Carramar Drive as users come off the Peninsula Link. Existing location to shift.



Entry into Karingal (Minor Suburb) from Karingal Drive. Existing location is appropriate.



Entry into Langwarrin (Suburb) from the Peninsula Link.



Entry into Frankston South (Suburb) from Nepean HWY.



Entry into Frankston (Suburb) from Frankston-Flinders Road.



Entry into Frankston South (Suburb) from Frankston-Flinders Road.



8 GATEWAYS

DATE
03.11.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

140

Tertiary gateway locations for suburbs



Entry into Langwarrin (Suburb) for users traveling from Langwarrin South.



Entry into Langwarrin South (Suburb) for users traveling from Langwarrin.



Entry into Seaford (Suburb) for users traveling from Frankston. There is an existing Seaford Foreshore sign that is out-dated. This could be replaced with new suburb signage.



Entry into Frankston North from Aspen Court/ Ballarto Road.



Entry from Forest Drive & Dandenong Road.



Entry via the Carrum Downs side of the freeway for users entering Frankston from Patterson Lakes



8 GATEWAYS

DATE
03.11.2022

M21106 FRANKSTON CITY COUNCIL
WAYFINDING STRATEGY & STYLE GUIDE

141

Frankston Municipal Activity Centre (FMAC) gateway locations



Entry into FMAC for users traveling along Nepean HWY from Seaford.



Entry into FMAC for users traveling along Nepean HWY from Frankston South / Mt Eliza.



Entry into FMAC for users traveling along Playne Street / Cranbourne Road, as they cross over Fletcher Road.

