THE CITY OF TEA TREE GULLY

› Technical Specifications

WAYFINDING

DESCRIPTION: TOTEM SIGN - GROUND MOUNT (DIT)

CODE: WAY17 12/05/2026

APPLICATIONS	
	Regional
	District
	Neighbourhood
	Local
	Main Roads
	Local Roads

PERFORMANCE CRITERIA	high legibility, minimal maintenance, does not create hazards for users, visually appealing, suitable for outdoors, vandalism resistant

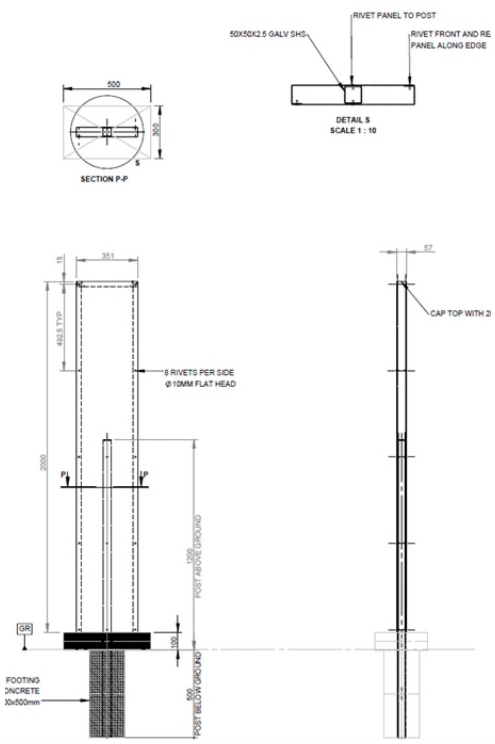
IMAGE/S

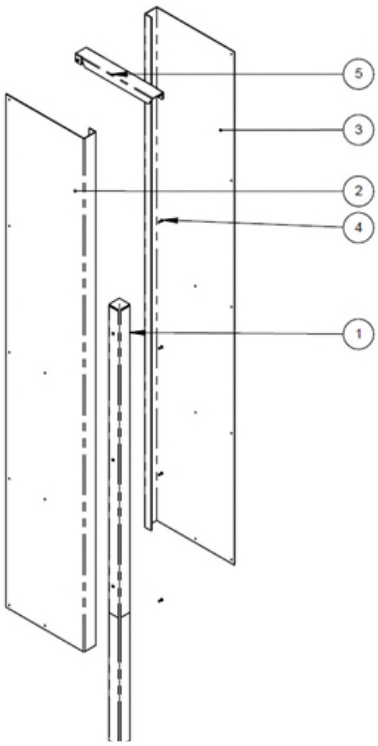
Images are indicative of the style, not a specific brand. Council's procurement policy must be followed when selecting and purchasing items.



CITY OF TEA TREE GULLY

MATERIALS	Totem - 2mm aluminium sheeting grade 5005 Post - 50 x 50 x 2.5mm SHS Galvanised Rivets - 16 Top cap - 2mm aluminium
FINISHES	Totem - laminated sticker with uv clear coat (plus anti-graffiti coating?)
COLOURS	As per approved atwork
SIZE (INDICATIVE)	Totem - W 351mm x H 2000mm x D 57mm (unless otherwise specified) Post - 1700mm (1200mm above ground level)
VARIATIONS	Heritage Totem - sticker with stainless steel appearance Reserve Totem Suburb Totem By-Laws totem General Interpretive Totem General Wayfinder Totem Any other variations as specified in a design brief
OPTIONS	Totem to be 500mm width where map is included in artwork
INSTALLATION INSTRUCTIONS	FOR USE ON DIT ROADS - Footing H900 x W300mm
DDA (Universal design principles)	NA
MAINTENANCE	As required
ENVIRONMENTAL	NA
EXPECTED LIFESPAN / END OF LIFE REPLACEMENT	10 years
FURTHER INFORMATION	Refer D23/91148 for engineering drawings
OTHER INFORMATION	
RELEVANT STANDARDS	





ITEM NO.	DESCRIPTION	QTY.
1	50X50X2.5 SHS GALVANISED	1
2	2MM ALUMINUM FOLDED SIGNAGE PANEL	1
3	2MM ALUMINIUM FOLDED SIGNAGE PANEL	1
4	RIVET	16
5	TOP CAP	1

CITY OF TEA TREE GULLY CITYWIDE SIGNAGE

TITLE: TOTEM SIGN ASSEMBLY

DRAWING NUMBER: 2325_TTG_1300

DATE: 06/10/2022

SCALE: 1:20

FINISHES:

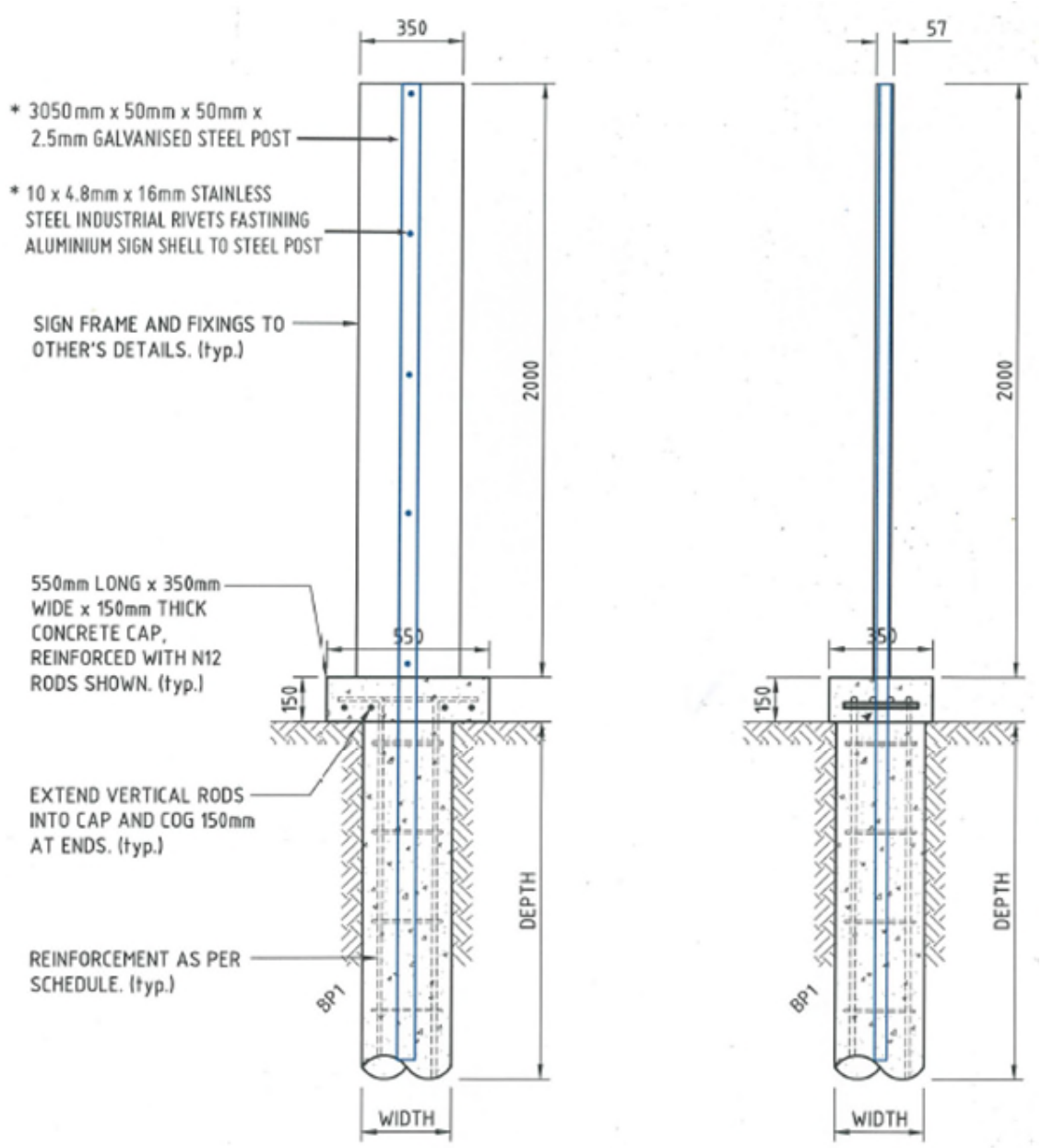
1. 2MM ALUMINIUM SHEET GRADE 5005
2. UV DIGITAL PRINT
3. UV CLEAR COAT, GLOSS

SPECIFIC NOTES:

1.

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES
2. DO NOT SCALE FROM DRAWING
3. REMOVE ALL FLASH, BURRS AND SHARP EDGES
4. ALL WELDS TO BE 6mm CONTINUOUS FILLET ALL ROUND (CATEGORY GP), UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH THE LATEST EDITION OF AS1554
5. ALL WELDS, CLADDING AND PAINTING MUST BE EXCELLENT FINISH AND WORKMANSHIP
6. TO BE READ IN CONJUNCTION WITH ENGINEERING REPORT REFERENCE NO:2012-1800TT



FOOTING DETAILS

SCALE 1:20

* ADDITIONS MARKED WITH ASTERISK

NOTES:

1. FOOTING PIER DESIGN APPLICABLE FOR THE CITY OF TEA TREE GULLY WAYFINDING SINGAGE ONLY.
2. PIER DESIGN BASED ON A LATERAL ALLOWABLE SOIL CAPACITY OF 50kPa AT THE TOP OF THE PIER.
3. SHOULD MORE THAN 100mm OF LOOSE SOIL BE FOUND AT THE TOP OF THE PIER, THIS IS TO BE REMOVED AND COMPACTED PRIOR TO DRILLING PIER.
4. THE FOOTING PIER IS DESIGNED FOR A MAXIMUM ULTIMATE WIND SPEED OF 46m/s FOR A 1 IN 1000 YEAR ARI.
5. THE DESIGN AND FIXING OF THE SIGNAGE STRUCTURE TO THE FOOTING IS OUTSIDE OF THE SCOPE OF WORK UNDERTAKEN BY THIS OFFICE AND REMAINS THE RESPONSIBILITY OF OTHERS.
6. IF IN DOUBT, CONTACT THIS OFFICE FOR FURTHER ADVICE.

REINFORCEMENT COVER SCHEDULE

ELEMENT	EXPOSURE CLASSIFICATION	COVER (mm)
PIER FOOTINGS	A2	65
CAPPING SLAB	A2	45

CONCRETE STRENGTH SCHEDULE

ELEMENT	CHARACTERISTIC CONCRETE STRENGTH (f'c) AT 28 DAYS	SPECIAL REQUIREMENTS	MAXIMUM AGGREGATE SIZE (mm)
PIER FOOTINGS	32 MPa	NIL	20
CAPPING SLAB	32 MPa	NIL	20

FOOTING SCHEDULE

FOOTING	DEPTH	WIDTH	REINFORCEMENT	LIGATURES
BP1	900	300 Dia.	4N12 VERTICAL	W8-300 CTS