THE CITY OF TEA TREE GULLY

› Technical Specifications

CIVIL INFRASTRUCTURE

DESCRIPTION: PITS & DRAINAGE - STANDARD HEADWALL FOR PIPES 300-375 DIAMETER

CODE: CIV12 30/04/2025

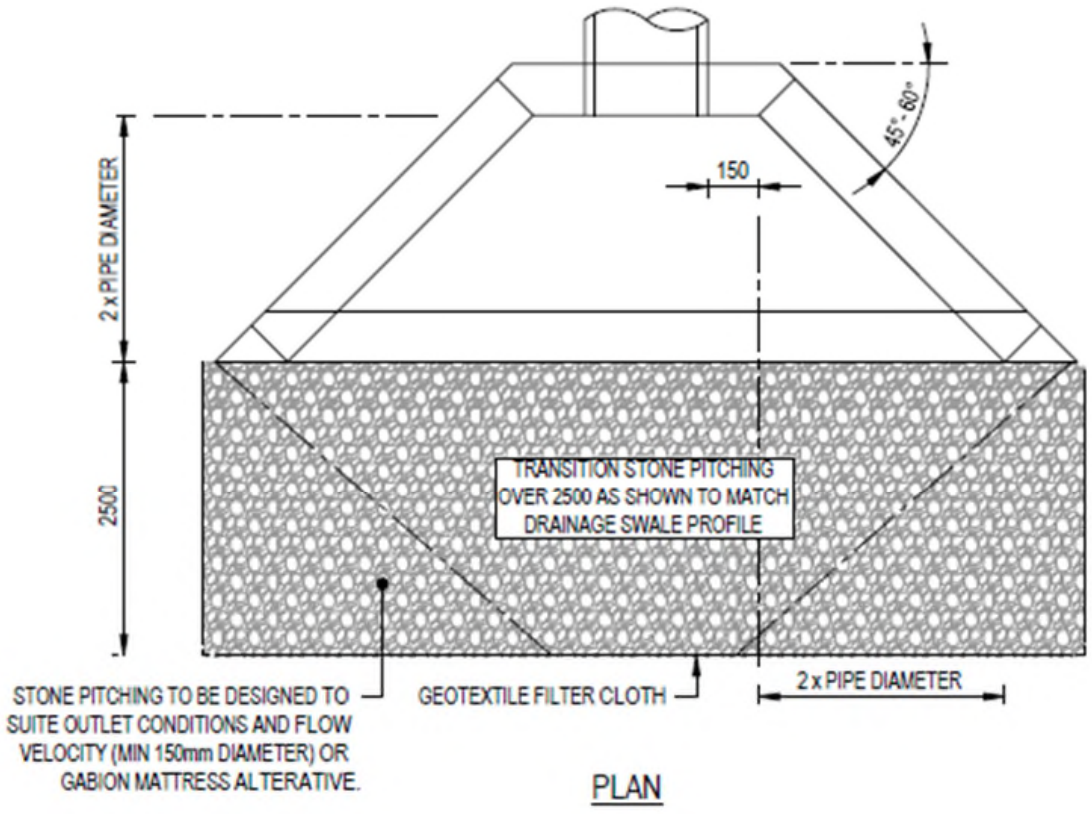
APPLICATIONS	
	Regional
	District
	Neighbourhood
	Local
	Main Roads
	Local Roads

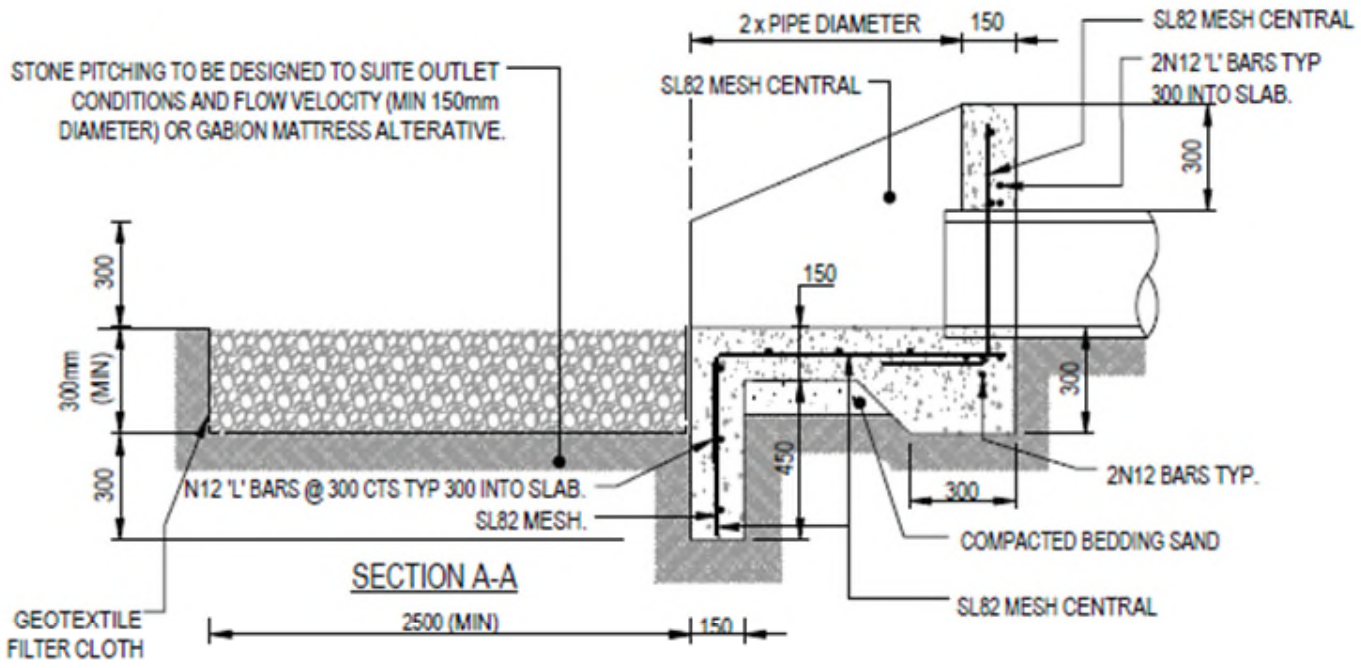
PERFORMANCE CRITERIA

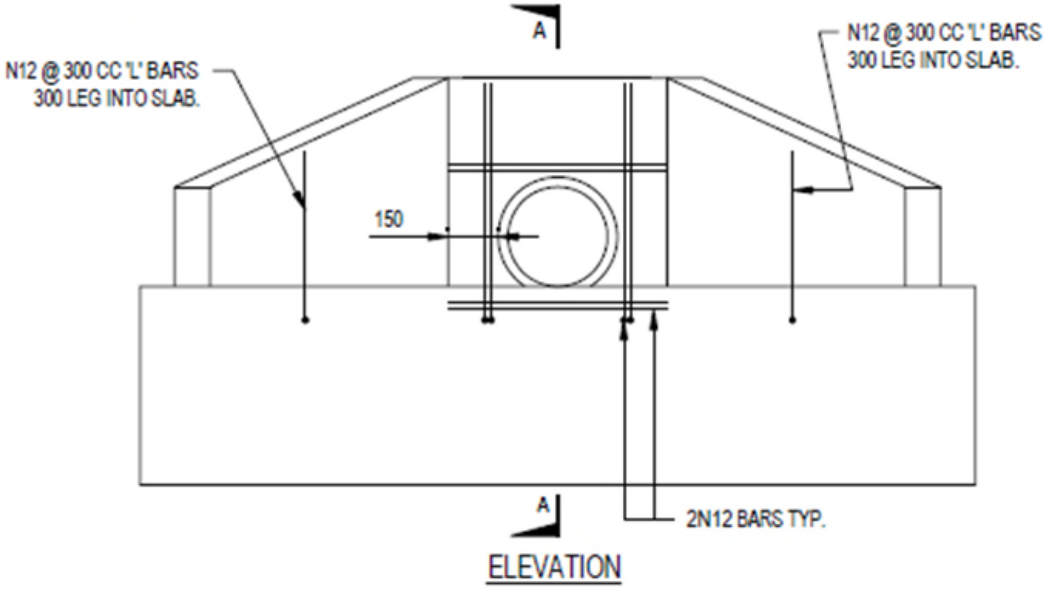
IMAGE/S

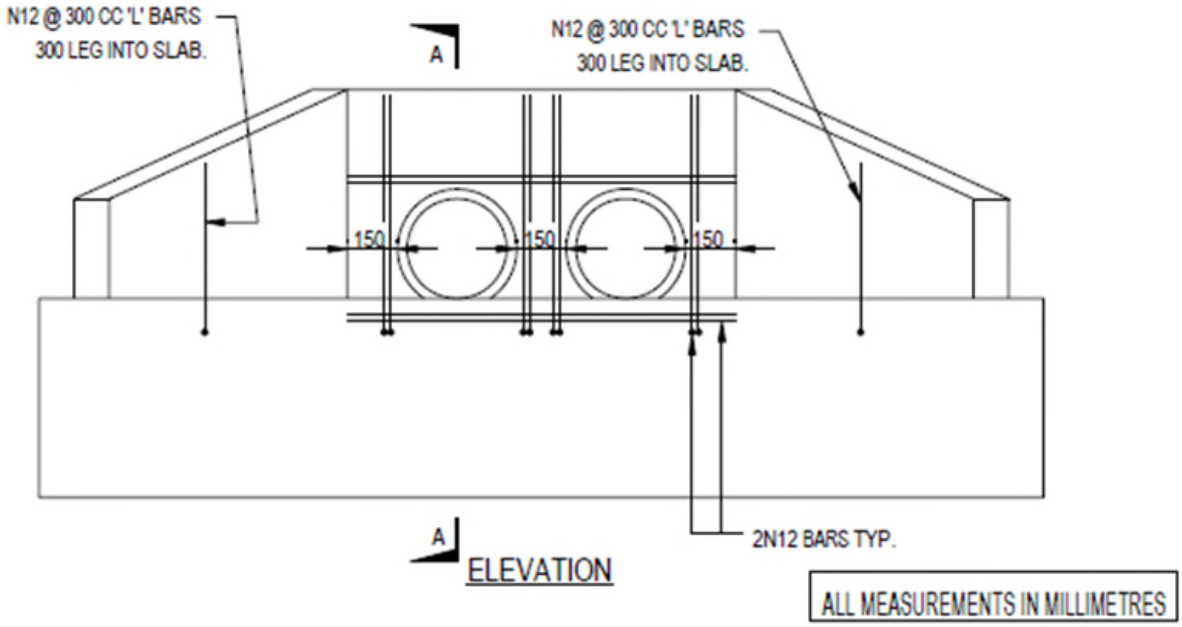
Images are indicative of the style, not a specific brand. Council's procurement policy must be followed when selecting and purchasing items.

MATERIALS	
FINISHES	
COLOURS	
SIZE (INDICATIVE)	
VARIATIONS	Fencing at top of headwall may be required in locations where height 1.0m and site accessible to the public.
OPTIONS	Scour protection at outlet as shown in drawings, unless otherwise approved. Approved precast headwalls may be used as an alternative.
INSTALLATION INSTRUCTIONS	Streamlining at upstream end only. Minimum cover to pipes to be 300mm. Minimum fabric lap 300mm. Maximum batter slope above headwall 1V: 2H.
DDA (Universal design principles)	
MAINTENANCE	
ENVIRONMENTAL	
EXPECTED LIFESPAN / END OF LIFE REPLACEMENT	
FURTHER INFORMATION	
OTHER INFORMATION	
RELEVANT STANDARDS	Concrete grade to be N32, Slump 80mm in accordance with As3600




2 x PIPE DIAMETER
150
SL82 MESH CENTRAL
2N12 'L' BARS TYP
300 INTO SLAB.
STONE PITCHING TO BE DESIGNED TO SUITE OUTLET CONDITIONS AND FLOW VELOCITY (MIN 150mm DIAMETER) OR GABION MATTRESS ALTERATIVE.
SL82 MESH CENTRAL
300
300
300mm (MIN)
300
150
300
450
300
N12 'L' BARS @ 300 CTS TYP 300 INTO SLAB.
SL82 MESH.
2N12 BARS TYP.
COMPACTED BEDDING SAND
SECTION A-A
GEOTEXTILE FILTER CLOTH
2500 (MIN)
150
SL82 MESH CENTRAL


A
N12 @ 300 CC 'L' BARS
300 LEG INTO SLAB.
N12 @ 300 CC 'L' BARS
300 LEG INTO SLAB.
150
A
2N12 BARS TYP.
ELEVATION


N12 @ 300 CC 'L' BARS
300 LEG INTO SLAB.
A
N12 @ 300 CC 'L' BARS
300 LEG INTO SLAB.
150
150
150
A
2N12 BARS TYP.
ELEVATION
ALL MEASUREMENTS IN MILLIMETRES