THE CITY OF TEA TREE GULLY

› Technical Specifications

CIVIL INFRASTRUCTURE

DESCRIPTION: CWMS- MAINTENANCE HOLE ACCESS CHAMBER (MHAC)

CODE: CIV33 07/05/2025

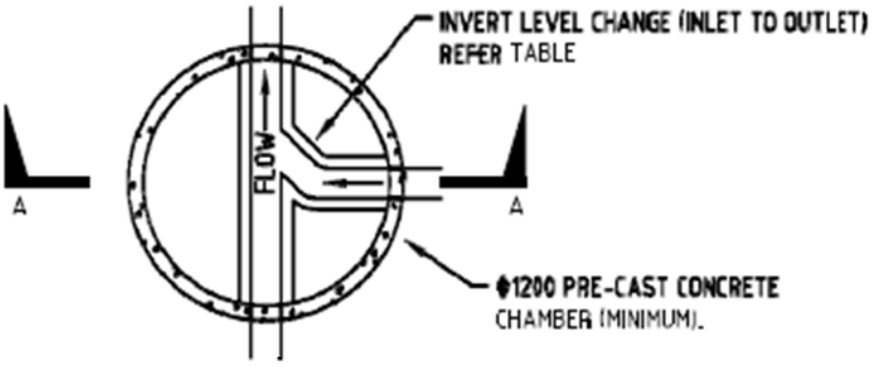
APPLICATIONS	
	Regional
	District
	Neighbourhood
	Local
	Main Roads
	Local Roads

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	Concrete to be 32Mpa sulphate resistant. Sand shall be approved clean pit sand, free from clay, rocks, loam and vegetable matter and shall be compacted to 95% standard compaction.
FINISHES	
COLOURS	
SIZE (INDICATIVE)	
VARIATIONS	MHAC to be designed for uplift if required.
OPTIONS	Lifting holes and other perforations in chamber wall to be filled with epoxy grout. Screening to be used where groundwater is evident.
INSTALLATION INSTRUCTIONS	
DDA (Universal design principles)	
MAINTENANCE	
ENVIRONMENTAL	
EXPECTED LIFESPAN / END OF LIFE REPLACEMENT	
FURTHER INFORMATION	Unless varied by the above notes, refer to SA Water requirements.
OTHER INFORMATION	
RELEVANT STANDARDS	

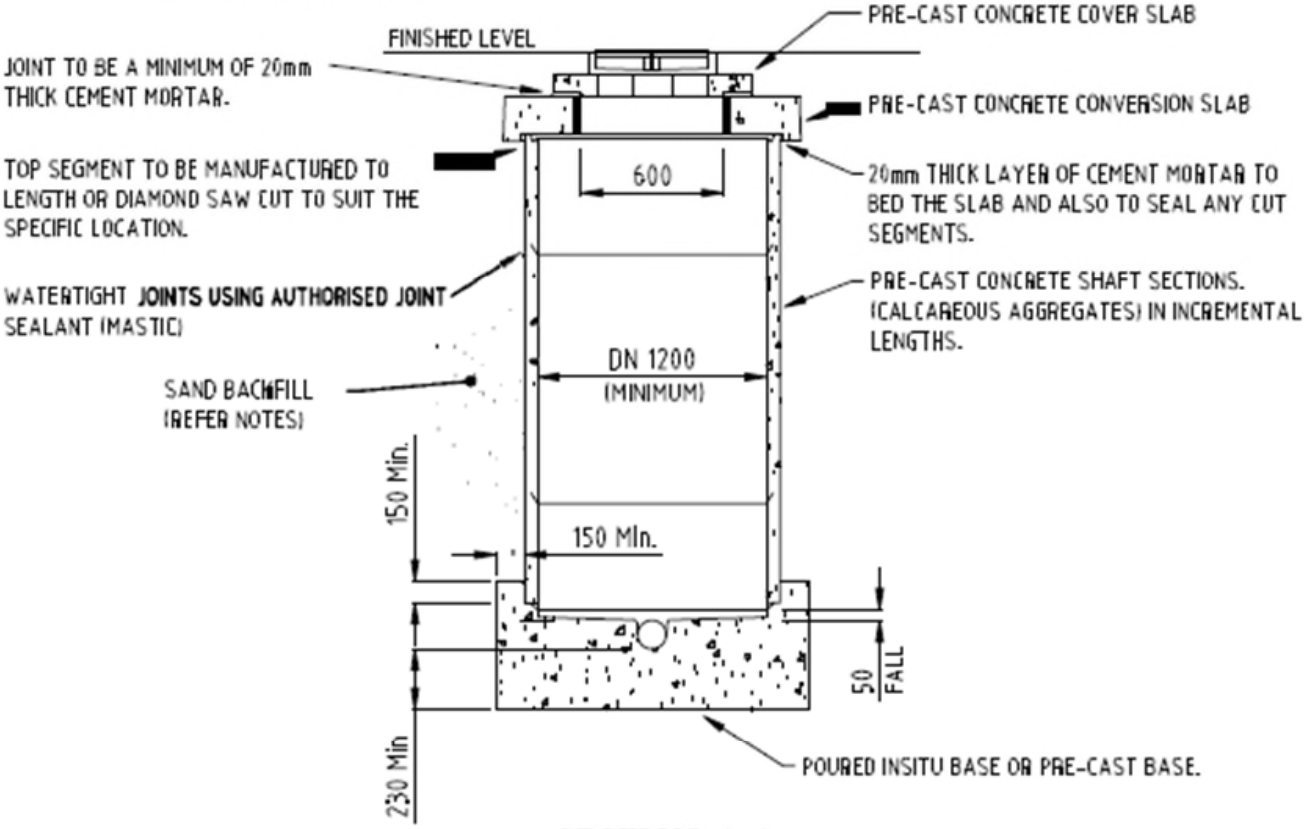


PLAN

Invert Level Change Across Manholes	
Change in Flow Direction	Minimum Fall Across Pit
Straight through or for bends <45° For bends 45° - 90° For bends >90°	Maintain pipe grade 30mm 60mm

NOTE:

- CAST IRON LID & FRAME WITH "GATIC" TYPE LIFTING LUGS. OR SIMILAR APPROVED – CLASS 'D'.
- C.I. COVER AND FRAME TO BE A MATCHING SET WITH PRE-CAST CONCRETE COVER SLAB.
- LID TO BE STAMPED "SEWER".



SECTION A-A