Inspection and Test Plan

Project Information

Project	Magate - Cox Street (DIA 6) - Drainage Upgrade Stage 2
Project No	25 006
Client	Moreton Bay Regional Council
Contract No	VP437279

Inspection and Test Plan Information

Lot Number	PT	EX	001		**Date**	Start	Finish
Location	Catch Pit - William Berry Drive					14/02/2025	15/02/2025
Description	Reconstruction Back Entry Catch Pit				**Chainage**	From	To

Specification	NAT-SPEC / MRTS	**Activity**	Concrete Gullies and Access Chambers

Acceptance of Activity

#	Acceptance Criteria	Reference	Item Check	QA	Client	Date	NCR
1	**Location** Concrete gullies and chambers shall be provided in the locations specified by, and in accordance with, the drawings.	MRTS03 Clause 21.3	Check and Verify		N/A		
2	**Bottom of excavation** Where insitu material on or against which gullies are to be constructed is other than rock, the material shall be compacted as for material at the bottom of excavations in accordance with MRTS04 General Earthworks. **Compaction Standard: >= 95%**	MRTS03 Clause 21.3	Check and Verify		N/A		
4	**Foundation Bedding** Foundation bedding material shall be placed to provide continuous even support for the chambers and gullies.	MRTS03 Clause 21.3	Check and Verify		N/A		
3	**Backforms** Where the sides of excavations are in firm ground, the access chamber shafts may be constructed without the use of backforms. Where concrete is placed against the ground without the use of backforms, the specified wall thicknesses shall be increased by 20 mm	MRTS03 Clause 21.3	Check and Verify		N/A		
5	**Cast-Insitu Concrete** Concrete Cast-insitu works shall be completed in accordance with requirements of Concrete (Normal Class) - ITP and attached.	Concrete (Normal Class) - ITP	Check and Verify		N/A		
5	**Joints** The joints between gullies and culverts shall be made watertight using cement mortar. The mortar shall be used within one hour of mixing and shall not be re-tempered. The joints shall be finished to provide smooth surfaces, uniform with the inner surfaces of the gullie	MRTS03 Clause 21.3	Check and Verify		N/A		
6	**Concrete Top Slab** Concrete top slabs, inlet units or converter slabs as applicable on access chambers and gullies shall not be placed until all the surveying requirements have been met. **Hold Point** Concrete top slabs shall be joined to the shafts using cement mortar or epoxy mortar	MRTS03 Clause 21.3	**HOLD POINT**				

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#	Acceptance Criteria	Reference	Item Check	QA	Client	Date	NCR
7	**Horizontal Tolerances** The locations of gullies shall not vary from those specified in the drawings by more than ± 100 mm in the direction of the construction centre line and ± 50 mm in the direction at right angles to the construction centre line	MRTS03 Clause 21.3	Survey		N/A		
8	**Vertical tolerances** The invert heights of gullies shall not vary from those specified by the drawings by more than ± 50 mm, provided always that the gullies join neatly to existing drainage structures, do not pond water unnecessarily and are at heights compatible with other adjacent structures. The heights of the tops of back-units, grates and frames shall not vary from those described in the drawings by more than ± 10 mm.	MRTS03 Clause 21.3	Survey		N/A		
9	**Removal of Formwork** Forms, falsework and centring shall remain in position until the times stated below have elapsed after completion of concreting: Class A = 48 Hours Class B1, B2 = 72 Hours Class C1, C2 = 120 Hours	MRTS70 Clause 15.8 (TMR Structures)	**HOLD POINT**				
10	**Removal of Formwork** (see Table B1 below)	AS3610 Table B1 (Non - TMR Structures)			N/A		

TABLE B1

VERTICAL FACE FORMWORK STRIPPING TIMES

Classification	Average temperature		
	Greater than 20°C	Between 12°C and 20°C	Between 5°C and 12°C
Class 1, Class 2 or Class 3 (see Note 1)	1 d	2 d	3 d
Class 4 or Class 5	9 h	12 h	18 h
All	A minimum of 1 d applies to the stripping of vertical faces where frost damage is likely		

Comments

Final Sign off and Approval - Conformance with the Specification

Name of Cient's Representative	Signature	Date

Name of Contractor's Representative	Signature	Date