

## Project Information

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

## Inspection and Test Plan Information

<b>Lot Number</b>							<b>Date</b>	Start	Finish
<b>Location</b>									
<b>Description</b>							<b>Chainage</b>	From	To

<b>Specification</b>	NAT-SPEC / MRTS03 /04	<b>Activity</b>	Stormwater Pipe Installation
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## Acceptance of Activity

#	Acceptance Criteria	Reference	Item Check	QA	Client	Date	NCR
1	<b>Lot Boundaries</b> Lot Number established with the Lot boundaries of the works clearly defined for traceability within Check and Verify N/A the works		Check and Verify		N/A		
2	<b>Materials</b> Bed Zone Material: 5mm or 10mm screenings. Embedment Zone Material: 5mm or 10mm screenings Backfill Material: Granular fill comprising rock (75mm maximum size, non plastic open graded material) or crusher run recycled concrete.	Note 2 IPEA STD DRW DS-030	Check and Verify		N/A		
3	<b>Geometric Tolerances</b> Vertical: +- 10mm Horizontal +- 100mm	MRTS03 CI 8	Survey		N/A		
4	<b>Excavation</b> Excavations shall be constructed to the shapes, lines, dimensions, and other requirements shown on the drawings	MRTS04 CI13.3.3.1	Check and Verify		N/A		
5	<b>Unsuitable Trench Foundation</b> Where Unsuitable Material or potentially Unsuitable Material is encountered on the Site, the Contractor shall, before proceeding to remove or cover such material, Hold Point notify the Administrator,	MRTS04 CI13.3.2	Hold Point				
6	<b>Bandage Cover Materials</b> Where Bandage covers are used for culverts, Bandages shall have properties appropriate to the sealing requirements and shall be made available for inspection and acceptance by the Administrator prior to commencement of installation.	MRTS03 CI 11.2	Hold Point				
7	<b>Trench Foundation</b> Testing: Bottom of Excavation Minimum Compaction 95%. 1 test per 20LM / Per Drainage	MRTS04 CL13.3.7	Check and Verify		N/A		
8	<b>Drainage of Bedding Materials</b> Upstream of each headwall, manhole, or gully (other than an end of line gully), a 3.0 metre length of 100mm diameter sub-soil drainage pipe has been laid in the bedding material	Note 1 IPEA STD DRW DS-030	Check & Verify		N/A		

9	<b>Pipe Laying</b>	MRTS03 CL11.3.5	Check and Verify		N/A		
	Where spigot and socket joints are used, the thickness of bedding material under each socket shall not be less than 50 mm.						
	Pipes shall be placed with their external grooved ends or spigot ends facing the culvert outlet.						
	Where the word ‘TOP’ is marked on pipes or where lifting holes are provided, the pipes shall be laid with the word / hole uppermost. Lifting holes shall be plugged or otherwise closed off in accordance with the manufacturer’s instructions after the pipe is installed.						
	Spigot and socket joints shall be made using the appropriate rubber rings						
10	<b>Survey</b>	MRTS03 CL11.3.10	Hold Point				
	Backfilling of culverts shall not commence until all the conformance and As Constructed Survey requirements have been met and notice of such works provided to the Administrator						
11	<b>Pipe Backfill - Road Reserve</b>	MRTS03 CL11.3.10	Check and Verify		N/A		
	Pipe backfill (bedding, haunch and overlay zones) shall be uniformly graded 5 or 10mm screenings and shall be backfilled up to subgrade level						
12	<b>Pipe Backfill - Outside Road Reserve</b>	Note 5 IPEA STD DRW DS-030	Testing		N/A		
	Where stormwater pipe is laid in a drainage easement or property other than the road reserve, backfill material shall be excavated material provided adequate compaction can be provided.						
	<b>Compaction Testing: 1 test per 20LM / Per Drainage</b>						
14	<b>CCTV</b>	MRTS03 CL11.3.5	Hold Point				
	The contractor shall conduct inspections of the pipe culvert using CCTV in accordance with WSA 05-2013 Conduit inspection Report Code of Australia Reports shall be submitted to the Administrator, and any rectification works completed, prior to acceptance of the culvert						
Comments							

## Final Sign off and Approval - Conformance with the Specification

Name of Client's Representative	Signature	Date
Name of Contractor's Representative	Signature	Date