

STORMWATER PLAN

SCALE 1:200 STORMWATER NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AS/NZS3500.3.

2. ALL PIPES TO HAVE A 1% MINIMUM FALL U.N.O.

3. ALL DOWNPIPES (DP) TO BE SPECIFIED BY ARCHITECT. FOR EXACT LOCATION OF DOWNPIPES, REFER TO ARCHITECTURAL DRAWINGS.

4. ALL PIPES TO BE UPVC U.N.O.

5. ALL UPVC PIPES TO BE SEWER GRADE AND TO AS/NZS1260 WITH THE FOLLOWING PIPE CLASSES U.N.O.:

100¢ OR LESS TO BE CLASS 'SN10', 150¢ AND ABOVE TO BE CLASS 'SN8'

6. ALL REINFORCED CONCRETE PIPES (RCP) TO BE SPIGOT AND SOCKET TYPE WITH RUBBER RINGS TO AS4058,

CLASS 3 BENEATH TRAFFICABLE PAVEMENTS U.N.O., CLASS 4 UNDER HEAVY VEHICLE PAVEMENTS, CLASS 2 OTHERWISE. 7. PITS TO BE CI&D REINFORCED PRE-CAST CONCRETE PITS OR EQUIVALENT PROPRIETARY PITS.

AND CLASS 'B' ELSEWHERE, COMPLYING WITH RELEVANT COUNCIL AND AUSTRALIAN STANDARDS SPECIFICALLY AS3996.

ALL GRATED TRENCH DRAINS AND GRATED PITS TO BE CLASS 'B' HEEL SAFE WITHIN PEDESTRIAN PAVEMENTS 9. MINIMUM COVER TO STORMWATER PIPES TO BE AS FOLLOW U.N.O.:

LANDSCAPED AREAS - 300mm, SEALED ROADS/TRAFFICABLE AREAS - 600mm, UN-SEALED ROADS - 750mm. PIPES TO BE CONCRETE ENCASED IF MINIMUM COVERS CANNOT BE OBTAINED,

REFER TO MPC CONSULTING ENGINEERS FOR FURTHER ADVICE.

10. PROVIDE 1000 AG DRAINS IN FILTER SOCKS TO ALL LANDSCAPED AREAS, PLANTER BEDS AND STORMWATER PIPE TRENCHES.

ALL AG DRAINS TO BE BEDDED IN COARSE AGGREGATE AND TO BE CONNECTED TO STORMWATER SYSTEM U.N.O. 11. ALL PITS, DETENTION TANKS AND PROPRIETARY POLLUTION CONTROL DEVICES TO BE CLEANED OF SEDIMENT AT 3 MONTH MAXIMUM INTERVALS.

12. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO COMMENCEMENT OF WORK.

13. ANY FOOTPATHS, KERB AND GUTTER OR ROADWAY DISTURBED BY WORKS TO BE REINSTATED TO CURRENT COUNCIL REQUIREMENTS. 14. PROVIDE ACCESS LADDER TO TANK AS REQUIRED, REFER TO AS1657.

LEGEND

DENOTES STORMWATER PIPE

DENOTES EXISTING STORMWATER PIPE

DENOTES EXISTING STORMWATER PIPE \times TO BE DECOMMISSIONED

DENOTES EXISTING LEVEL

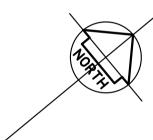
10.52 × DENOTES DESIGN SPOT LEVEL

ERW DENOTES EXISTING RETAINING WALL

DENOTES DIRECTION OF SURFACE FLOWS

DOWNPIPES TO HYDRAULIC ENGINEER SPECIFICATION AND DETAILS

EXISITNG PAVING TO BE REINSTATED AFTER NEW PIPES HAVE BEEN INSTALLED



PROPOSED PIT SCHEDULE				
PIT No.	SIZE	TYPE	SURFACE LEVEL S.L.	INVERT LEVEL I.L.
P1	600×600	GRATED PIT	10.37	9.70
P2	600×600	GRATED PIT	9.80 (TBC)	9.00 (TBC)

	EXI	STING PIT	SCHEDULE		
PIT No.	SIZE	TYPE	SURFACE LEVEL S.L.	INVERT LEVEL I.L.	
STAGE 1					
1P4/36	600×600	GRATED PIT	10.37	9.15	
1P5/36	600×600	GRATED PIT	8.80	8.00	
1P1/37 600×600 GRATED PIT		10.37	9.92		
1P2/37	600×600	GRATED PIT	10.37	9.73	
STAGE 2					
2P8/1	600×600	GRATED PIT	10.40	9.90	
2P9/1	900×900	GRATED PIT	10.40	9.80	
2P5/2	900×900	GRATED PIT	10.40	9.70	
2P1/36	600×600	GRATED PIT	10.30	9.85	
2P2/36 600×600 GRATED PIT		10.375	9.67		
2P3/36 900×900 GRATED PIT		10.30	9.49		
STAGE 3					
3P3/105	450×450	GRATED PIT	10.95	10.42	
3P4/105	450×450	GRATED PIT	10.40	9.90	
3P5/105	450×450	GRATED PIT	10.30	9.77	
3P1/106	450×450	GRATED PIT	10.70	10.27	
3P1/109 450×450 GRATED PIT		10.60	10.13		
		STAGE	Ξ 4		
4P8	600×600	GRATED PIT	10.30	9.85	
4P9	600×600	GRATED PIT	10.40	9.70	

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COLA
STORMWATER PLAN

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DO NOT SCALE DRAWING			
DRAWN	ENGINEER	No in SET	SHEET
C.H.	M.G.	8	A1
SCALES	JOB No	DRAWING No	ISSUE
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