



TABLE C: HEADWALLS

D PIPE DIAMETER (mm)		600	750	900
a (mm) MINIMUM		150	175	200
B (mm)		790	1025	1260
W (mm)		1120	1450	1780
L (mm)		1100	1250	1400
REINFORCEMENT IN TWO HEADWALLS	'R' BARS	2-N12 4.4m LONG	2-N12 5.0m LONG	2-N12 5.6m LONG
	'M' MESH	SL81	SL81	SL81
	'L' BARS	N12-200	N12-200	N12-200
CONCRETE QUANTITY IN TWO HEADWALLS (M ³)		1.34	2.04	2.80

- NOTES
1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH COUNCIL'S INFRASTRUCTURE SPECIFICATIONS.
 2. ALL DIMENSIONS ARE IN MILLIMETRES.
 3. DRAWINGS ARE NOT TO SCALE.
 4. CONCRETE FOR REINFORCED HEADWALLS SHALL BE 32MPa GRADE IN ACCORDANCE WITH AS 1379 AND AS3600.
 5. STEEL REINFORCING BARS AND FABRIC TO COMPLY WITH AS/NZS 4671 GRADE 500N.
 6. ENERGY DISSIPATORS IN LIEU OF STANDARD ROCK PITCHED OUTLET SHALL BE PROVIDED WHERE VELOCITIES EXCEED 2.0 M/S.
 7. WHERE ADDITIONAL HEIGHT TO RETAINING IS REQUIRED KERB HEIGHT, KERB WIDTH AND CURTAIN WALL HEIGHT SHALL BE ADJUSTED WITH THE PROVISION OF ADDITIONAL REINFORCEMENT.
 8. FOUNDING MATERIAL TO ACHIEVE A MINIMUM ALLOWABLE BEARING CAPACITY OF 150KPa.
 9. SAFETY FENCING SHALL BE PROVIDED AROUND THE HEAD WALL WHERE DETERMINED BY THE ENGINEER.

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SR PCG - STANDARDS REVIEW PROJECT CONTROL GROUP
ASM - ASSET SECTION MANAGER

Date	Amendment	Rev	By	Approved
12.05.26	ISSUED FOR CONSTRUCTION	0	SR PCG	ASM



Project: STANDARD DETAILS

EDRMS No: PSC2016-01993-005

Drawing Title: HEADWALLS REINFORCED CONCRETE FOR 600, 750 AND 900 PIPE CULVERTS

APPROVED

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