



CONSTRUCTION NOTES & SPECIFICATION
ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NZS 3106.

ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF NOT LESS THAN 35 MPa.

ALL CONCRETE SHALL BE BOUND WITH 30% FLY ASH CONFORMING TO THE REQUIREMENTS OF AS 3582 AND NZS 3101

DESIGN IS BASED ON THE ASSUMPTION OF GOOD GROUND AS DEFINED BY NZS3604:2011. IF THE SITE DOES NOT CONFORM TO THE GOOD GROUND ASSUMPTION, PLEASE CONTACT ROSS TANKS FOR FURTHER ADVICE.

THE UPPER PERIMETER SURFACE OF THE CONCRETE BASE SHALL BE ROUGHENED AFTER THE INITIAL CURE TO PROMOTE CONCRETE BOND BETWEEN THE BASE, WALL AND CONCRETE FILLET.

THE INTERNAL SURFACE OF THE TANK SHALL RECEIVE TWO COATS 'CEMIX AQUASTOP' AS PER TANK MANUFACTURER RECOMMENDATIONS

MATERIALS:
REINFORCING MESH SHALL CONFORM TO NZS 3422: 1975.

REINFORCING BARS SHALL CONFORM TO NZS 3402.

CONCRETE FOR FLOOR SLABS SHALL COMPLY WITH NZS 3109:1997 AND HAVE MINIMUM 28 DAY CRUSHING STRENGTH OF 35 MPa.

CONSTRUCTION:
THE WORKMANSHIP SHALL CONFORM WITH NZS 3106:2006 AND NZS 3109:1997.

THE INSTALLER SHALL ENSURE THAT THE STABILITY, STRENGTH AND LONG TERM BEARING CAPACITY OF FOUNDING SOILS IS ADEQUATE FOR THE IMPOSED LOAD.

TANK FOR POTABLE WATER USE. ALL MATERIAL FINISHING & SPECIFICATION RELATING TO WATER USE TO BE COVERED BY TANK MANUFACTURER AND / OR ASSET OWNER

WALL DESIGN AND COVER REQUIREMENTS BASED ON SPRAYED CONCRETE OF 35MPa

ALL PIPEWORK ATTACHED TO TANK CONSTRUCTION BY OTHERS. FLEXIBLE COUPLINGS MUST BE PROVIDED

PIPEWORK OMITTED FOR CLARITY REFER SECTION A'

A	REVISED WALL & ROOF STEEL	G.J	P.J	I.H	4/11/2015
B	REVISED TANK BEDDING MATERIAL	G.J	P.J	I.H	4/11/2015
No.	Revision	Drawn	Chk.	Appd.	Date

Hutchinson
CONCRETE FOUNDATIONS

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Design	G. JEW	08/07/2015
Drawn	D. JOHNSON	08/07/2015
Checked	P. JARVIE	05/08/2015
Approved	I. HUTCHINSON	05/08/2015
Scale	1:25 @ A3	
Scale vert. exag.		



Project
**ROSS TANKS
WELLINGTON WATER
EXPLORATION WAY
WELLINGTON**

Title
54,000L POTABLE WATER TANK

Job No.
A3-18549

Sheet No.
A3-S01